



# **Synergy Resources Corporation**

**SEC 5-T5N-R66W**

**Boomerang 21-5**

**Boomerang 32N-6B-M**

**OH**

**Plan #1**

## **Anticollision Report**

**05 April, 2017**

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Reference                    | Plan #1   |                |                     |
|------------------------------|---|----------------|---------------------|
| Filter type:                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                |                     |
| Interpolation Method:        | Stations  | Error Model:   | ISCWSA              |
| Depth Range:                 | Unlimited   | Scan Method:   | Closest Approach 3D |
| Results Limited by:          | Maximum center-center distance of 10,000.00 ft                      | Error Surface: | Pedal Curve         |
| Warning Levels Evaluated at: | 2.45 Sigma  | Casing Method: | Not applied         |

| Survey Tool Program |            | Date              | 4/5/2017  |                 |  |
|---------------------|------------|-------------------|-----------|-----------------|--|
| From<br>(ft)        | To<br>(ft) | Survey (Wellbore) | Tool Name | Description     |  |
| 0.00                | 15,737.91  | Plan #1 (OH)      | MWD+IFR1  | OWSG MWD + IFR1 |  |

| Summary                           |                               |                            |                               |                                |                   |                 |
|-----------------------------------|-------------------------------|----------------------------|-------------------------------|--------------------------------|-------------------|-----------------|
| Site Name                         | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning         |
| Offset Well - Wellbore - Design   |                               |                            |                               |                                |                   |                 |
| Boomerang 21-5                    |                               |                            |                               |                                |                   |                 |
| Boomerang 12C-6-M - OH - Plan #1  | 300.00                        | 300.00                     | 60.04                         | 53.15                          | 8.714             | CC, ES          |
| Boomerang 12C-6-M - OH - Plan #1  | 15,738.53                     | 15,684.72                  | 842.30                        | 349.94                         | 1.711             | SF              |
| Boomerang 12N-6B-M - OH - Plan #1 | 496.98                        | 499.66                     | 41.31                         | 33.68                          | 5.418             | CC              |
| Boomerang 12N-6B-M - OH - Plan #1 | 550.00                        | 553.00                     | 41.53                         | 33.65                          | 5.274             | ES              |
| Boomerang 12N-6B-M - OH - Plan #1 | 15,738.53                     | 15,598.34                  | 604.11                        | 101.94                         | 1.203             | Level 2, SF     |
| Boomerang 13C-6-M - OH - Plan #1  | 300.00                        | 300.00                     | 120.06                        | 113.17                         | 17.426            | CC, ES          |
| Boomerang 13C-6-M - OH - Plan #1  | 15,738.53                     | 15,654.15                  | 1,608.22                      | 1,110.87                       | 3.234             | SF              |
| Boomerang 13N-6B-M - OH - Plan #1 | 200.00                        | 200.00                     | 105.06                        | 98.39                          | 15.742            | CC              |
| Boomerang 13N-6B-M - OH - Plan #1 | 300.00                        | 299.74                     | 105.18                        | 98.29                          | 15.273            | ES              |
| Boomerang 13N-6B-M - OH - Plan #1 | 15,738.53                     | 15,421.87                  | 1,425.77                      | 927.96                         | 2.864             | SF              |
| Boomerang 25N-3A-L - OH - Plan #1 | 300.00                        | 300.00                     | 15.19                         | 8.30                           | 2.205             | CC              |
| Boomerang 25N-3A-L - OH - Plan #1 | 400.00                        | 399.48                     | 15.26                         | 8.05                           | 2.115             | ES              |
| Boomerang 25N-3A-L - OH - Plan #1 | 500.00                        | 498.90                     | 15.87                         | 8.23                           | 2.076             | SF              |
| Boomerang 25N-3B-L - OH - Plan #1 | 200.00                        | 200.00                     | 30.03                         | 23.36                          | 4.499             | CC, ES          |
| Boomerang 25N-3B-L - OH - Plan #1 | 7,348.52                      | 7,264.30                   | 112.44                        | 41.48                          | 1.585             | SF              |
| Boomerang 28C-3-L - OH - Plan #1  | 200.00                        | 200.00                     | 195.10                        | 188.42                         | 29.232            | CC, ES          |
| Boomerang 28C-3-L - OH - Plan #1  | 9,400.00                      | 6,900.00                   | 2,865.95                      | 2,762.53                       | 27.711            | SF              |
| Boomerang 28N-3A-L - OH - Plan #1 | 200.00                        | 200.00                     | 180.09                        | 173.42                         | 26.984            | CC, ES          |
| Boomerang 28N-3A-L - OH - Plan #1 | 400.00                        | 387.99                     | 188.13                        | 180.92                         | 26.099            | SF              |
| Boomerang 32C-6-M - OH - Plan #1  | 462.10                        | 462.75                     | 11.36                         | 3.91                           | 1.524             | CC              |
| Boomerang 32C-6-M - OH - Plan #1  | 15,738.53                     | 15,842.56                  | 270.25                        | -124.78                        | 0.684             | Level 1, ES, SF |
| Boomerang 32N-6C-M - OH - Plan #1 | 300.00                        | 300.00                     | 30.00                         | 23.11                          | 4.355             | CC              |
| Boomerang 32N-6C-M - OH - Plan #1 | 15,738.53                     | 15,692.54                  | 389.72                        | -107.89                        | 0.783             | Level 1, ES, SF |
| Boomerang 33C-6-M - OH - Plan #1  | 300.00                        | 300.00                     | 90.03                         | 83.14                          | 13.068            | CC, ES          |
| Boomerang 33C-6-M - OH - Plan #1  | 15,738.53                     | 15,621.70                  | 1,274.46                      | 779.17                         | 2.573             | SF              |
| Boomerang 33N-6C-M - OH - Plan #1 | 360.57                        | 362.04                     | 73.99                         | 66.91                          | 10.460            | CC, ES          |
| Boomerang 33N-6C-M - OH - Plan #1 | 15,738.53                     | 15,558.43                  | 1,045.00                      | 510.73                         | 1.956             | SF              |
| Boomerang 34C-6-M - OH - Plan #1  | 300.00                        | 300.00                     | 150.06                        | 143.17                         | 21.780            | CC, ES          |
| Boomerang 34C-6-M - OH - Plan #1  | 15,738.53                     | 15,630.08                  | 2,020.15                      | 1,525.38                       | 4.083             | SF              |
| Boomerang 34N-6A-M - OH - Plan #1 | 300.00                        | 300.00                     | 135.06                        | 128.17                         | 19.603            | CC, ES          |
| Boomerang 34N-6A-M - OH - Plan #1 | 15,738.53                     | 15,335.52                  | 1,813.11                      | 1,316.54                       | 3.651             | SF              |
| Boomerang 34N-6C-M - OH - Plan #1 | 200.00                        | 200.00                     | 165.09                        | 158.42                         | 24.737            | CC, ES          |
| Boomerang 34N-6C-M - OH - Plan #1 | 15,738.53                     | 15,486.63                  | 2,364.48                      | 1,870.69                       | 4.788             | SF              |
| FRAKER #1 - OH - OH               | 12,310.81                     | 6,911.25                   | 1,904.69                      | 1,508.82                       | 4.811             | CC              |
| FRAKER #1 - OH - OH               | 12,400.00                     | 6,910.43                   | 1,906.78                      | 1,508.64                       | 4.789             | ES              |
| FRAKER #1 - OH - OH               | 12,500.00                     | 6,909.52                   | 1,914.07                      | 1,513.77                       | 4.782             | SF              |
| FRAKER J #6-2 - OH - OH           | 12,086.63                     | 6,869.29                   | 737.14                        | 348.95                         | 1.899             | CC              |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

## Summary

| Site Name                              | Reference<br>Measured<br>Depth<br>(ft) | Offset<br>Measured<br>Depth<br>(ft) | Distance<br>Between<br>Centres<br>(ft) | Distance<br>Between<br>Ellipses<br>(ft) | Separation<br>Factor | Warning             |
|--|--|-------------------------------------|--|---|----------------------|---------------------|
| <b>Offset Well - Wellbore - Design</b> |  |                                     |  |   |                      |                     |
| Boomerang 21-5                         |  |                                     |  |   |                      |                     |
| FRAKER J #6-2 - OH - OH                | 12,100.00                              | 6,869.17                            | 737.26                                 | 348.73                                  | 1.898                | ES, SF              |
| GREELEY TECH CENTER #41-5 - OH - OH    | 6,488.04                               | 6,325.96                            | 1,504.00                               | 1,444.97                                | 25.476               | CC                  |
| GREELEY TECH CENTER #41-5 - OH - OH    | 6,500.00                               | 6,338.52                            | 1,504.11                               | 1,444.97                                | 25.431               | ES                  |
| GREELEY TECH CENTER #41-5 - OH - OH    | 6,600.00                               | 6,445.84                            | 1,513.35                               | 1,453.36                                | 25.225               | SF                  |
| KELLY # 1-3 - OH - OH                  | 6,470.84                               | 6,257.53                            | 8,253.31                               | 8,004.54                                | 33.177               | CC                  |
| KELLY # 1-3 - OH - OH                  | 6,500.00                               | 6,286.12                            | 8,253.95                               | 8,004.06                                | 33.029               | ES                  |
| KELLY # 1-3 - OH - OH                  | 7,100.00                               | 6,805.90                            | 8,528.84                               | 8,259.35                                | 31.647               | SF                  |
| KELLY #2-3 - OH - OH                   | 6,494.08                               | 6,264.31                            | 9,350.27                               | 9,101.59                                | 37.599               | CC                  |
| KELLY #2-3 - OH - OH                   | 6,500.00                               | 6,270.12                            | 9,350.30                               | 9,101.39                                | 37.564               | ES                  |
| KELLY #2-3 - OH - OH                   | 7,100.00                               | 6,778.10                            | 9,616.53                               | 9,348.54                                | 35.883               | SF                  |
| Kelly Farms #12-4-3CHZ - OH - OH       | 6,450.25                               | 6,254.20                            | 4,663.07                               | 4,604.20                                | 79.206               | CC, ES              |
| Kelly Farms #12-4-3CHZ - OH - OH       | 6,650.00                               | 6,342.00                            | 4,693.95                               | 4,633.90                                | 78.161               | SF                  |
| Kelly Farms #22-4-3CHZ - OH - OH       | 6,441.59                               | 6,230.55                            | 4,829.59                               | 4,770.34                                | 81.511               | CC                  |
| Kelly Farms #22-4-3CHZ - OH - OH       | 6,450.00                               | 6,235.91                            | 4,829.64                               | 4,770.32                                | 81.421               | ES                  |
| Kelly Farms #22-4-3CHZ - OH - OH       | 6,550.00                               | 6,550.00                            | 4,837.80                               | 4,776.73                                | 79.217               | SF                  |
| Kelly Farms #A-4-3CHZ - oH - OH        | 6,459.91                               | 6,294.85                            | 4,672.03                               | 4,612.35                                | 78.290               | CC, ES              |
| Kelly Farms #A-4-3CHZ - oH - OH        | 6,700.00                               | 6,441.00                            | 4,716.23                               | 4,655.02                                | 77.051               | SF                  |
| Kelly Farms #A-4-3NHZ - OH - OH        | 6,437.68                               | 6,148.50                            | 4,514.80                               | 4,454.68                                | 75.093               | CC                  |
| Kelly Farms #A-4-3NHZ - OH - OH        | 6,450.00                               | 6,171.00                            | 4,514.85                               | 4,454.58                                | 74.907               | ES                  |
| Kelly Farms #A-4-3NHZ - OH - OH        | 6,550.00                               | 6,275.42                            | 4,523.04                               | 4,461.92                                | 74.006               | SF                  |
| LA POUDRE SOUTH #4 - OH - OH           | 13,643.03                              | 6,922.10                            | 817.23                                 | 383.93                                  | 1.886                | CC, ES              |
| LA POUDRE SOUTH #4 - OH - OH           | 13,700.00                              | 6,921.58                            | 819.21                                 | 384.79                                  | 1.886                | SF                  |
| Orr 36C-32-M - OH - OH                 | 7,494.99                               | 16,093.20                           | 285.55                                 | 5.32                                    | 1.019                | Level 2, CC, ES, SF |
| Orr State 36N-35C-M - OH - OH          | 15,664.27                              | 7,335.10                            | 180.85                                 | -105.52                                 | 0.632                | Level 1, CC, ES, SF |
| PEANUT #1 - OH - OH                    | 15,269.48                              | 6,861.27                            | 509.77                                 | 33.03                                   | 1.069                | Level 2, CC, ES, SF |
| REICHERT #1-6 - OH - OH                | 13,803.93                              | 6,922.63                            | 546.55                                 | 108.73                                  | 1.248                | Level 2, CC, ES, SF |
| ROTHE #1-14 - OH - OH                  | 15,738.53                              | 6,902.99                            | 2,116.02                               | 1,640.34                                | 4.448                | CC, ES, SF          |
| SOUTH #6-21D - OH - OH                 | 13,703.58                              | 7,239.38                            | 511.82                                 | 282.83                                  | 2.235                | CC, ES, SF          |
| SOUTH #6-22D - OH - OH                 | 13,862.27                              | 6,991.77                            | 1,837.08                               | 1,605.57                                | 7.935                | CC                  |
| SOUTH #6-22D - OH - OH                 | 13,900.00                              | 6,991.90                            | 1,837.46                               | 1,605.02                                | 7.905                | ES                  |
| SOUTH #6-22D - OH - OH                 | 14,100.00                              | 6,992.61                            | 1,852.39                               | 1,616.33                                | 7.847                | SF                  |
| SOUTH #6-23D - OH - OH                 | 14,017.59                              | 6,949.68                            | 3,234.06                               | 2,996.43                                | 13.609               | CC                  |
| SOUTH #6-23D - OH - OH                 | 14,100.00                              | 6,949.72                            | 3,235.11                               | 2,995.01                                | 13.474               | ES                  |
| SOUTH #6-23D - OH - OH                 | 14,700.00                              | 6,950.04                            | 3,305.27                               | 3,051.40                                | 13.020               | SF                  |
| SOUTH #6-24D - OH - OH                 | 14,016.42                              | 14,016.42                           | 4,372.75                               | 4,092.21                                | 15.587               | CC, ES              |
| SOUTH #6-24D - OH - OH                 | 15,700.00                              | 15,700.00                           | 4,675.31                               | 4,301.01                                | 12.491               | SF                  |
| SRC #31-5D - OH - OH                   | 5,300.00                               | 5,379.93                            | 233.64                                 | 171.07                                  | 3.734                | ES, SF              |
| SRC #31-5D - OH - OH                   | 5,306.59                               | 5,386.21                            | 233.63                                 | 171.07                                  | 3.734                | CC                  |
| SRC Northridge #11-4D - OH - OH        | 6,488.72                               | 6,807.87                            | 2,792.94                               | 2,701.34                                | 30.491               | CC, ES              |
| SRC Northridge #11-4D - OH - OH        | 6,500.00                               | 6,819.74                            | 2,793.04                               | 2,701.43                                | 30.488               | SF                  |
| SRC Northridge #12-4D - OH - OH        | 6,443.97                               | 6,611.50                            | 3,378.45                               | 3,294.33                                | 40.164               | CC                  |
| SRC Northridge #12-4D - OH - OH        | 6,450.00                               | 6,615.64                            | 3,378.47                               | 3,294.29                                | 40.135               | ES                  |
| SRC Northridge #12-4D - OH - OH        | 6,600.00                               | 6,720.63                            | 3,395.26                               | 3,309.90                                | 39.774               | SF                  |
| SRC Northridge #21-4D - OH - OH        | 6,498.90                               | 6,568.60                            | 4,082.45                               | 4,009.18                                | 55.719               | CC                  |
| SRC Northridge #21-4D - OH - OH        | 6,500.00                               | 6,569.54                            | 4,082.45                               | 4,009.18                                | 55.713               | ES                  |
| SRC Northridge #21-4D - OH - OH        | 6,700.00                               | 6,760.71                            | 4,113.72                               | 4,039.24                                | 55.238               | SF                  |
| SRC Northridge #22-4D - OH - OH        | 5,544.55                               | 5,065.90                            | 4,560.81                               | 4,513.16                                | 95.715               | CC, ES              |
| SRC Northridge #22-4D - OH - OH        | 6,400.00                               | 5,065.90                            | 4,640.34                               | 4,589.82                                | 91.853               | SF                  |
| SRC Northridge #4AD - OH - OH          | 6,468.28                               | 6,493.22                            | 3,723.59                               | 3,661.72                                | 60.191               | CC, ES              |
| SRC Northridge #4AD - OH - OH          | 6,750.00                               | 6,778.99                            | 3,779.88                               | 3,715.97                                | 59.143               | SF                  |
| SRC Northridge #4KD - OH - OH          | 6,401.45                               | 6,397.67                            | 4,180.97                               | 4,087.93                                | 44.936               | CC, ES              |
| SRC Northridge #4KD - OH - OH          | 6,600.00                               | 6,580.76                            | 4,204.87                               | 4,110.48                                | 44.546               | SF                  |
| SRC Wiedeman #11-5-3NCHZ - OH - OH     | 2,856.43                               | 2,842.47                            | 331.85                                 | 305.41                                  | 12.554               | CC                  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

## Summary

| Site Name                              | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning             |
|--|-------------------------------|----------------------------|-------------------------------|--------------------------------|-------------------|---------------------|
| <b>Offset Well - Wellbore - Design</b> |                               |                            |                               |                                |                   |                     |
| Boomerang 21-5                         |                               |                            |                               |                                |                   |                     |
| SRC Wiedeman #11-5-3NCHZ - OH - OH     | 2,900.00                      | 2,884.68                   | 332.01                        | 305.19                         | 12.379            | ES                  |
| SRC Wiedeman #11-5-3NCHZ - OH - OH     | 3,500.00                      | 3,468.41                   | 364.04                        | 331.81                         | 11.296            | SF                  |
| SRC Wiedeman #12-5-4CHZ - OH - OH      | 1,562.57                      | 1,533.98                   | 426.71                        | 411.50                         | 28.068            | CC                  |
| SRC Wiedeman #12-5-4CHZ - OH - OH      | 1,600.00                      | 1,570.33                   | 426.82                        | 411.30                         | 27.496            | ES                  |
| SRC Wiedeman #12-5-4CHZ - OH - OH      | 8,000.00                      | 6,664.51                   | 1,636.76                      | 1,563.94                       | 22.477            | SF                  |
| SRC Wiedeman #12-5-4NCHZ - OH - OH     | 1,618.35                      | 1,598.79                   | 462.75                        | 447.09                         | 29.547            | CC, ES              |
| SRC Wiedeman #12-5-4NCHZ - OH - OH     | 8,300.00                      | 6,664.00                   | 1,934.91                      | 1,856.56                       | 24.695            | SF                  |
| SRC Wiedeman #21-5-3CHZ - OH - OH      | 3,519.62                      | 3,481.80                   | 71.41                         | 38.39                          | 2.163             | CC, ES              |
| SRC Wiedeman #21-5-3CHZ - OH - OH      | 3,600.00                      | 3,560.87                   | 72.74                         | 39.06                          | 2.160             | SF                  |
| SRC Wiedeman #21-5-3NBHZ - OH - OH     | 3,155.63                      | 3,132.88                   | 249.40                        | 220.20                         | 8.543             | CC                  |
| SRC Wiedeman #21-5-3NBHZ - OH - OH     | 3,200.00                      | 3,175.67                   | 249.61                        | 220.02                         | 8.436             | ES                  |
| SRC Wiedeman #21-5-3NBHZ - OH - OH     | 3,700.00                      | 3,666.66                   | 273.14                        | 238.98                         | 7.996             | SF                  |
| SRC Wiedeman #22-5-4CHZ - OH - OH      | 1,000.94                      | 971.36                     | 498.18                        | 487.40                         | 46.199            | CC                  |
| SRC Wiedeman #22-5-4CHZ - OH - OH      | 1,039.84                      | 1,006.09                   | 498.42                        | 487.35                         | 44.994            | ES                  |
| SRC Wiedeman #22-5-4CHZ - OH - OH      | 8,700.00                      | 6,744.83                   | 2,505.48                      | 2,416.53                       | 28.166            | SF                  |
| SRC Wiedeman #A-5-3NBHZ - OH - OH      | 2,315.48                      | 2,298.87                   | 429.53                        | 407.91                         | 19.867            | CC, ES              |
| SRC Wiedeman #A-5-3NBHZ - OH - OH      | 3,400.00                      | 3,347.82                   | 530.50                        | 499.27                         | 16.987            | SF                  |
| SRC Wiedeman 22-5-4NBHZ - OH - OH      | 8,831.54                      | 1,970.17                   | 1,193.85                      | 1,122.90                       | 16.828            | CC, ES              |
| SRC Wiedeman 22-5-4NBHZ - OH - OH      | 9,100.00                      | 1,972.95                   | 1,223.66                      | 1,147.06                       | 15.976            | SF                  |
| WIEDEMAN #18-5 - OH - OH               | 100.00                        | 59.07                      | 958.26                        | 951.69                         | 145.798           | CC, ES              |
| WIEDEMAN #18-5 - OH - OH               | 9,100.00                      | 6,933.34                   | 1,282.33                      | 1,182.89                       | 12.895            | SF                  |
| WIEDEMAN #22-5 - OH - OH               | 1,445.37                      | 1,578.86                   | 853.74                        | 838.13                         | 54.677            | CC                  |
| WIEDEMAN #22-5 - OH - OH               | 1,500.00                      | 1,622.35                   | 854.17                        | 838.04                         | 52.944            | ES                  |
| WIEDEMAN #22-5 - OH - OH               | 8,400.00                      | 8,400.00                   | 2,757.00                      | 2,664.93                       | 29.944            | SF                  |
| WIEDEMAN #25-5 - OH - OH               | 100.00                        | 60.78                      | 965.96                        | 959.38                         | 146.960           | CC, ES              |
| WIEDEMAN #25-5 - OH - OH               | 10,200.00                     | 7,121.29                   | 2,820.76                      | 2,691.81                       | 21.874            | SF                  |
| WIEDEMAN #29-5 - OH - OH               | 8,714.71                      | 7,036.11                   | 88.04                         | -4.12                          | 0.955             | Level 1, CC, ES, SF |
| WIEDEMAN #3-5 - OH - OH                | 8,117.66                      | 7,031.10                   | 503.76                        | 421.76                         | 6.144             | CC, ES              |
| WIEDEMAN #3-5 - OH - OH                | 8,200.00                      | 7,032.10                   | 510.44                        | 426.44                         | 6.076             | SF                  |
| WIEDEMAN #4-5 - OH - OH                | 9,427.17                      | 7,002.23                   | 471.15                        | 359.34                         | 4.214             | CC, ES, SF          |
| WIEDEMAN #5-5 - OH - OH                | 100.00                        | 57.14                      | 975.09                        | 968.52                         | 148.368           | CC, ES              |
| WIEDEMAN #5-5 - OH - OH                | 10,200.00                     | 7,147.83                   | 1,966.19                      | 1,832.33                       | 14.688            | SF                  |
| WIEDEMAN #6-5 - OH - OH                | 792.07                        | 847.60                     | 921.35                        | 911.61                         | 94.588            | CC                  |
| WIEDEMAN #6-5 - OH - OH                | 800.00                        | 855.29                     | 921.36                        | 911.57                         | 94.048            | ES                  |
| WIEDEMAN #6-5 - OH - OH                | 9,000.00                      | 7,324.57                   | 2,111.97                      | 2,015.84                       | 21.970            | SF                  |

| <b>Offset Design</b>                              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| Boomerang 21-5 - Boomerang 12C-6-M - OH - Plan #1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Well Error: | 3.28 ft |
| Survey Program: 0-MWD+IFR1                        |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                    |         |
| Reference   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                    |         |
| Measured Depth (ft)                               | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  | Warning |
| 0.00  | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.41               | -59.75                            | -5.85      | 60.04                |                       |                         |                    |         |
| 100.00  | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.41               | -59.75                            | -5.85      | 60.04                | 53.47                 | 6.57                    | 9.139              |         |
| 200.00  | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.41               | -59.75                            | -5.85      | 60.04                | 53.36                 | 6.67                    | 8.996              |         |
| 300.00  | 300.00              | 300.00              | 300.00              | 3.44            | 3.44        | -174.41               | -59.75                            | -5.85      | 60.04                | 53.15                 | 6.89                    | 8.714              | CC, ES  |
| 400.00  | 399.98              | 401.01              | 400.99              | 3.60            | 3.60        | 154.66                | -59.05                            | -4.21      | 60.78                | 53.57                 | 7.21                    | 8.432              |         |
| 500.00  | 499.84              | 501.95              | 501.78              | 3.81            | 3.81        | 152.42                | -56.93                            | 0.69       | 63.06                | 55.44                 | 7.62                    | 8.278              |         |
| 550.00  | 549.68              | 552.37              | 552.04              | 3.93            | 3.93        | 150.85                | -55.35                            | 4.35       | 64.83                | 56.98                 | 7.85                    | 8.254              |         |
| 600.00  | 599.45              | 602.75              | 602.18              | 4.06            | 4.05        | 146.81                | -53.42                            | 8.83       | 66.99                | 58.88                 | 8.11                    | 8.263              |         |
| 700.00  | 698.71              | 703.38              | 702.05              | 4.33            | 4.33        | 140.32                | -48.52                            | 20.19      | 72.34                | 63.67                 | 8.66                    | 8.350              |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 800.00                     | 797.49              | 803.36              | 800.89              | 4.64            | 4.64        | 135.48                | -42.55                            | 34.01      | 79.32                | 70.04                 | 9.28                    | 8.549             |                    |         |
| 900.00                     | 895.68              | 902.92              | 899.28              | 4.97            | 4.97        | 133.37                | -36.51                            | 48.00      | 88.50                | 78.56                 | 9.95                    | 8.897             |                    |         |
| 1,000.00                   | 993.14              | 1,002.26            | 997.45              | 5.33            | 5.32        | 133.33                | -30.48                            | 61.95      | 99.83                | 89.17                 | 10.66                   | 9.362             |                    |         |
| 1,039.84                   | 1,031.75            | 1,041.76            | 1,036.48            | 5.48            | 5.47        | 133.72                | -28.09                            | 67.50      | 104.96               | 93.99                 | 10.96                   | 9.575             |                    |         |
| 1,100.00                   | 1,089.94            | 1,101.33            | 1,095.35            | 5.72            | 5.69        | 134.87                | -24.48                            | 75.87      | 112.99               | 101.57                | 11.42                   | 9.895             |                    |         |
| 1,200.00                   | 1,186.67            | 1,200.37            | 1,193.22            | 6.13            | 6.08        | 136.46                | -18.47                            | 89.78      | 126.43               | 114.23                | 12.20                   | 10.362            |                    |         |
| 1,300.00                   | 1,283.39            | 1,300.59            | 1,291.10            | 6.55            | 6.47        | 137.74                | -12.47                            | 103.69     | 139.94               | 126.93                | 13.01                   | 10.754            |                    |         |
| 1,400.00                   | 1,380.12            | 1,401.55            | 1,388.97            | 6.99            | 6.88        | 138.79                | -6.46                             | 117.60     | 153.52               | 139.67                | 13.85                   | 11.086            |                    |         |
| 1,500.00                   | 1,476.85            | 1,502.51            | 1,486.84            | 7.45            | 7.30        | 139.68                | -0.46                             | 131.51     | 167.13               | 152.43                | 14.70                   | 11.369            |                    |         |
| 1,600.00                   | 1,573.57            | 1,603.48            | 1,584.71            | 7.90            | 7.73        | 140.43                | 5.55                              | 145.42     | 180.78               | 165.21                | 15.57                   | 11.613            |                    |         |
| 1,700.00                   | 1,670.30            | 1,695.56            | 1,682.59            | 8.37            | 8.12        | 141.08                | 11.55                             | 159.33     | 194.45               | 178.05                | 16.41                   | 11.852            |                    |         |
| 1,800.00                   | 1,767.03            | 1,794.60            | 1,780.46            | 8.85            | 8.55        | 141.64                | 17.56                             | 173.24     | 208.15               | 190.86                | 17.29                   | 12.042            |                    |         |
| 1,900.00                   | 1,863.75            | 1,906.36            | 1,878.33            | 9.32            | 9.04        | 142.13                | 23.56                             | 187.15     | 221.86               | 203.63                | 18.23                   | 12.170            |                    |         |
| 2,000.00                   | 1,960.48            | 2,007.32            | 1,976.20            | 9.81            | 9.48        | 142.56                | 29.57                             | 201.06     | 235.59               | 216.46                | 19.13                   | 12.313            |                    |         |
| 2,100.00                   | 2,057.21            | 2,108.28            | 2,074.08            | 10.29           | 9.93        | 142.95                | 35.57                             | 214.97     | 249.33               | 229.28                | 20.04                   | 12.439            |                    |         |
| 2,200.00                   | 2,153.93            | 2,209.24            | 2,171.95            | 10.78           | 10.38       | 143.29                | 41.58                             | 228.88     | 263.08               | 242.12                | 20.96                   | 12.551            |                    |         |
| 2,300.00                   | 2,250.66            | 2,289.79            | 2,269.82            | 11.28           | 10.74       | 143.61                | 47.59                             | 242.79     | 276.83               | 255.04                | 21.79                   | 12.704            |                    |         |
| 2,400.00                   | 2,347.39            | 2,388.83            | 2,367.70            | 11.77           | 11.18       | 143.89                | 53.59                             | 256.70     | 290.60               | 267.89                | 22.71                   | 12.798            |                    |         |
| 2,500.00                   | 2,444.11            | 2,487.87            | 2,465.57            | 12.27           | 11.63       | 144.14                | 59.60                             | 270.62     | 304.37               | 280.74                | 23.63                   | 12.882            |                    |         |
| 2,600.00                   | 2,540.84            | 2,586.91            | 2,563.44            | 12.77           | 12.07       | 144.38                | 65.60                             | 284.53     | 318.15               | 293.59                | 24.55                   | 12.959            |                    |         |
| 2,700.00                   | 2,637.57            | 2,685.95            | 2,661.31            | 13.27           | 12.52       | 144.59                | 71.61                             | 298.44     | 331.93               | 306.45                | 25.48                   | 13.028            |                    |         |
| 2,800.00                   | 2,734.30            | 2,784.99            | 2,759.19            | 13.78           | 12.97       | 144.79                | 77.61                             | 312.35     | 345.71               | 319.31                | 26.41                   | 13.092            |                    |         |
| 2,900.00                   | 2,831.02            | 2,884.02            | 2,857.06            | 14.28           | 13.43       | 144.97                | 83.62                             | 326.26     | 359.50               | 332.16                | 27.34                   | 13.150            |                    |         |
| 3,000.00                   | 2,927.75            | 2,983.06            | 2,954.93            | 14.79           | 13.88       | 145.14                | 89.62                             | 340.17     | 373.29               | 345.02                | 28.27                   | 13.204            |                    |         |
| 3,100.00                   | 3,024.48            | 3,082.10            | 3,052.80            | 15.29           | 14.33       | 145.30                | 95.63                             | 354.08     | 387.09               | 357.88                | 29.21                   | 13.253            |                    |         |
| 3,200.00                   | 3,121.20            | 3,181.14            | 3,150.68            | 15.80           | 14.79       | 145.45                | 101.63                            | 367.99     | 400.89               | 370.74                | 30.15                   | 13.298            |                    |         |
| 3,300.00                   | 3,217.93            | 3,280.18            | 3,248.55            | 16.31           | 15.24       | 145.58                | 107.64                            | 381.90     | 414.69               | 383.60                | 31.08                   | 13.341            |                    |         |
| 3,400.00                   | 3,314.66            | 3,379.22            | 3,346.42            | 16.82           | 15.70       | 145.71                | 113.64                            | 395.81     | 428.49               | 396.46                | 32.03                   | 13.380            |                    |         |
| 3,500.00                   | 3,411.38            | 3,478.26            | 3,444.29            | 17.33           | 16.15       | 145.83                | 119.65                            | 409.72     | 442.29               | 409.33                | 32.97                   | 13.416            |                    |         |
| 3,600.00                   | 3,508.11            | 3,577.29            | 3,542.17            | 17.84           | 16.61       | 145.94                | 125.65                            | 423.63     | 456.10               | 422.19                | 33.91                   | 13.450            |                    |         |
| 3,700.00                   | 3,604.84            | 3,676.33            | 3,640.04            | 18.36           | 17.07       | 146.05                | 131.66                            | 437.54     | 469.91               | 435.05                | 34.85                   | 13.482            |                    |         |
| 3,800.00                   | 3,701.56            | 3,775.37            | 3,737.91            | 18.87           | 17.53       | 146.15                | 137.66                            | 451.45     | 483.72               | 447.92                | 35.80                   | 13.512            |                    |         |
| 3,900.00                   | 3,798.29            | 3,874.41            | 3,835.79            | 19.38           | 17.99       | 146.24                | 143.67                            | 465.36     | 497.53               | 460.78                | 36.75                   | 13.539            |                    |         |
| 4,000.00                   | 3,895.02            | 3,973.45            | 3,933.66            | 19.89           | 18.45       | 146.33                | 149.67                            | 479.27     | 511.34               | 473.65                | 37.69                   | 13.566            |                    |         |
| 4,100.00                   | 3,991.74            | 4,072.49            | 4,031.53            | 20.41           | 18.90       | 146.42                | 155.68                            | 493.18     | 525.15               | 486.51                | 38.64                   | 13.590            |                    |         |
| 4,200.00                   | 4,088.47            | 4,171.53            | 4,129.40            | 20.92           | 19.36       | 146.50                | 161.68                            | 507.10     | 538.97               | 499.38                | 39.59                   | 13.613            |                    |         |
| 4,300.00                   | 4,185.20            | 4,270.56            | 4,227.28            | 21.44           | 19.83       | 146.57                | 167.69                            | 521.01     | 552.78               | 512.24                | 40.54                   | 13.635            |                    |         |
| 4,400.00                   | 4,281.92            | 4,369.60            | 4,325.15            | 21.95           | 20.29       | 146.65                | 173.70                            | 534.92     | 566.60               | 525.11                | 41.49                   | 13.656            |                    |         |
| 4,500.00                   | 4,378.65            | 4,468.64            | 4,423.02            | 22.47           | 20.75       | 146.72                | 179.70                            | 548.83     | 580.42               | 537.97                | 42.44                   | 13.676            |                    |         |
| 4,600.00                   | 4,475.38            | 4,567.68            | 4,520.89            | 22.99           | 21.21       | 146.78                | 185.71                            | 562.74     | 594.23               | 550.84                | 43.39                   | 13.694            |                    |         |
| 4,700.00                   | 4,572.10            | 4,666.72            | 4,618.77            | 23.50           | 21.67       | 146.84                | 191.71                            | 576.65     | 608.05               | 563.71                | 44.35                   | 13.712            |                    |         |
| 4,800.00                   | 4,668.83            | 4,765.76            | 4,716.64            | 24.02           | 22.13       | 146.90                | 197.72                            | 590.56     | 621.87               | 576.57                | 45.30                   | 13.729            |                    |         |
| 4,900.00                   | 4,765.56            | 4,864.79            | 4,814.51            | 24.53           | 22.59       | 146.96                | 203.72                            | 604.47     | 635.69               | 589.44                | 46.25                   | 13.744            |                    |         |
| 5,000.00                   | 4,862.28            | 4,963.83            | 4,912.38            | 25.05           | 23.05       | 147.02                | 209.73                            | 618.38     | 649.51               | 602.31                | 47.20                   | 13.760            |                    |         |
| 5,100.00                   | 4,959.01            | 5,062.87            | 5,010.26            | 25.57           | 23.52       | 147.07                | 215.73                            | 632.29     | 663.33               | 615.17                | 48.16                   | 13.774            |                    |         |
| 5,200.00                   | 5,055.74            | 5,161.91            | 5,108.13            | 26.09           | 23.98       | 147.12                | 221.74                            | 646.20     | 677.15               | 628.04                | 49.11                   | 13.788            |                    |         |
| 5,300.00                   | 5,152.46            | 5,260.95            | 5,206.00            | 26.60           | 24.44       | 147.17                | 227.74                            | 660.11     | 690.98               | 640.91                | 50.07                   | 13.801            |                    |         |
| 5,400.00                   | 5,249.19            | 5,359.99            | 5,303.87            | 27.12           | 24.91       | 147.22                | 233.75                            | 674.02     | 704.80               | 653.78                | 51.02                   | 13.814            |                    |         |
| 5,500.00                   | 5,345.92            | 5,459.03            | 5,401.75            | 27.64           | 25.37       | 147.26                | 239.75                            | 687.93     | 718.62               | 666.64                | 51.98                   | 13.826            |                    |         |
| 5,600.00                   | 5,442.65            | 5,558.06            | 5,499.62            | 28.16           | 25.83       | 147.30                | 245.76                            | 701.84     | 732.44               | 679.51                | 52.93                   | 13.837            |                    |         |
| 5,700.00                   | 5,539.37            | 5,657.10            | 5,597.49            | 28.68           | 26.29       | 147.34                | 251.76                            | 715.75     | 746.27               | 692.38                | 53.89                   | 13.848            |                    |         |
| 5,800.00                   | 5,636.10            | 5,756.14            | 5,695.37            | 29.20           | 26.76       | 147.38                | 257.77                            | 729.66     | 760.09               | 705.25                | 54.85                   | 13.859            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,900.00                   | 5,732.83            | 5,855.18            | 5,793.24            | 29.71           | 27.22       | 147.42                | 263.77                            | 743.58     | 773.92               | 718.11                | 55.80                   | 13.869            |                    |         |
| 6,000.00                   | 5,829.55            | 5,954.22            | 5,891.11            | 30.23           | 27.69       | 147.46                | 269.78                            | 757.49     | 787.74               | 730.98                | 56.76                   | 13.879            |                    |         |
| 6,100.00                   | 5,926.28            | 6,053.26            | 5,988.98            | 30.75           | 28.15       | 147.50                | 275.78                            | 771.40     | 801.57               | 743.85                | 57.72                   | 13.888            |                    |         |
| 6,200.00                   | 6,023.01            | 6,152.30            | 6,086.86            | 31.27           | 28.61       | 147.53                | 281.79                            | 785.31     | 815.39               | 756.72                | 58.67                   | 13.897            |                    |         |
| 6,300.00                   | 6,119.73            | 6,251.33            | 6,184.73            | 31.79           | 29.08       | 147.56                | 287.79                            | 799.22     | 829.22               | 769.59                | 59.63                   | 13.906            |                    |         |
| 6,397.75                   | 6,214.28            | 6,348.14            | 6,280.40            | 32.30           | 29.53       | 147.60                | 293.66                            | 812.82     | 842.73               | 782.16                | 60.57                   | 13.914            |                    |         |
| 6,400.00                   | 6,216.46            | 6,350.37            | 6,282.60            | 32.31           | 29.54       | 148.21                | 293.80                            | 813.13     | 843.04               | 782.45                | 60.59                   | 13.914            |                    |         |
| 6,450.00                   | 6,265.12            | 6,399.89            | 6,331.53            | 32.56           | 29.77       | 164.76                | 296.80                            | 820.08     | 849.63               | 788.57                | 61.06                   | 13.914            |                    |         |
| 6,500.00                   | 6,314.12            | 6,449.18            | 6,380.25            | 32.78           | 30.00       | -173.64               | 299.79                            | 827.01     | 855.63               | 794.10                | 61.53                   | 13.905            |                    |         |
| 6,550.00                   | 6,363.16            | 6,494.63            | 6,425.19            | 32.99           | 30.22       | -151.46               | 302.54                            | 833.15     | 861.12               | 799.16                | 61.96                   | 13.897            |                    |         |
| 6,600.00                   | 6,411.94            | 6,535.71            | 6,466.06            | 33.18           | 30.40       | -134.01               | 304.96                            | 836.49     | 866.47               | 804.13                | 62.34                   | 13.899            |                    |         |
| 6,650.00                   | 6,460.15            | 6,577.24            | 6,507.51            | 33.35           | 30.57       | -122.17               | 307.33                            | 837.17     | 871.74               | 809.03                | 62.71                   | 13.901            |                    |         |
| 6,700.00                   | 6,507.49            | 6,619.26            | 6,549.41            | 33.52           | 30.73       | -114.35               | 309.63                            | 835.10     | 876.93               | 813.85                | 63.08                   | 13.902            |                    |         |
| 6,750.00                   | 6,553.69            | 6,661.84            | 6,591.63            | 33.69           | 30.90       | -109.08               | 311.84                            | 830.19     | 882.01               | 818.55                | 63.46                   | 13.899            |                    |         |
| 6,800.00                   | 6,598.44            | 6,705.02            | 6,634.04            | 33.85           | 31.06       | -105.44               | 313.97                            | 822.34     | 886.98               | 823.13                | 63.86                   | 13.891            |                    |         |
| 6,850.00                   | 6,641.47            | 6,748.88            | 6,676.47            | 34.02           | 31.23       | -102.86               | 315.99                            | 811.44     | 891.82               | 827.55                | 64.27                   | 13.876            |                    |         |
| 6,900.00                   | 6,682.53            | 6,793.49            | 6,718.74            | 34.19           | 31.41       | -101.03               | 317.90                            | 797.38     | 896.53               | 831.81                | 64.72                   | 13.853            |                    |         |
| 6,950.00                   | 6,721.35            | 6,838.91            | 6,760.69            | 34.38           | 31.59       | -99.72                | 319.68                            | 780.06     | 901.07               | 835.87                | 65.20                   | 13.821            |                    |         |
| 7,000.00                   | 6,757.70            | 6,885.22            | 6,802.07            | 34.57           | 31.78       | -98.82                | 321.31                            | 759.37     | 905.44               | 839.73                | 65.71                   | 13.779            |                    |         |
| 7,050.00                   | 6,791.35            | 6,932.50            | 6,842.67            | 34.79           | 31.98       | -98.23                | 322.78                            | 735.20     | 909.62               | 843.36                | 66.26                   | 13.727            |                    |         |
| 7,100.00                   | 6,822.10            | 6,980.83            | 6,882.20            | 35.03           | 32.20       | -97.88                | 324.06                            | 707.44     | 913.60               | 846.73                | 66.86                   | 13.664            |                    |         |
| 7,150.00                   | 6,849.75            | 7,030.29            | 6,920.37            | 35.30           | 32.44       | -97.74                | 325.15                            | 676.03     | 917.34               | 849.83                | 67.51                   | 13.589            |                    |         |
| 7,200.00                   | 6,874.14            | 7,080.96            | 6,956.83            | 35.61           | 32.71       | -97.77                | 326.00                            | 640.86     | 920.82               | 852.62                | 68.21                   | 13.501            |                    |         |
| 7,250.00                   | 6,895.11            | 7,132.93            | 6,991.21            | 35.95           | 33.01       | -97.95                | 326.61                            | 601.91     | 924.03               | 855.07                | 68.96                   | 13.400            |                    |         |
| 7,300.00                   | 6,912.54            | 7,186.28            | 7,023.08            | 36.34           | 33.35       | -98.26                | 326.95                            | 559.16     | 926.92               | 857.15                | 69.77                   | 13.285            |                    |         |
| 7,350.00                   | 6,926.31            | 7,241.06            | 7,051.98            | 36.77           | 33.74       | -98.69                | 327.00                            | 512.63     | 929.48               | 858.83                | 70.65                   | 13.156            |                    |         |
| 7,400.00                   | 6,936.35            | 7,297.35            | 7,077.40            | 37.25           | 34.18       | -99.21                | 326.72                            | 462.43     | 931.65               | 860.05                | 71.59                   | 13.013            |                    |         |
| 7,450.00                   | 6,942.59            | 7,355.20            | 7,098.81            | 37.76           | 34.70       | -99.83                | 326.09                            | 408.72     | 933.41               | 860.79                | 72.61                   | 12.854            |                    |         |
| 7,500.00                   | 6,944.99            | 7,414.61            | 7,115.64            | 38.31           | 35.28       | -100.53               | 325.09                            | 351.77     | 934.71               | 861.00                | 73.71                   | 12.682            |                    |         |
| 7,512.10                   | 6,945.00            | 7,429.23            | 7,118.96            | 38.44           | 35.43       | -100.72               | 324.79                            | 337.54     | 934.95               | 860.97                | 73.98                   | 12.638            |                    |         |
| 7,600.00                   | 6,944.19            | 7,538.95            | 7,133.37            | 39.51           | 36.64       | -101.67               | 321.90                            | 228.95     | 935.70               | 859.51                | 76.20                   | 12.280            |                    |         |
| 7,700.00                   | 6,943.28            | 7,646.73            | 7,133.23            | 40.90           | 38.00       | -101.73               | 318.21                            | 121.25     | 934.67               | 855.73                | 78.94                   | 11.840            |                    |         |
| 7,800.00                   | 6,942.37            | 7,746.72            | 7,132.16            | 42.44           | 39.41       | -101.74               | 314.73                            | 21.32      | 933.52               | 851.64                | 81.88                   | 11.400            |                    |         |
| 7,900.00                   | 6,941.46            | 7,846.71            | 7,131.09            | 44.11           | 40.97       | -101.74               | 311.25                            | -78.61     | 932.37               | 847.28                | 85.09                   | 10.957            |                    |         |
| 8,000.00                   | 6,940.55            | 7,946.71            | 7,130.02            | 45.90           | 42.66       | -101.75               | 307.77                            | -178.54    | 931.22               | 842.68                | 88.54                   | 10.517            |                    |         |
| 8,100.00                   | 6,939.64            | 8,046.70            | 7,128.95            | 47.80           | 44.47       | -101.75               | 304.30                            | -278.46    | 930.07               | 837.88                | 92.20                   | 10.088            |                    |         |
| 8,200.00                   | 6,938.72            | 8,146.69            | 7,127.88            | 49.79           | 46.39       | -101.76               | 300.82                            | -378.39    | 928.92               | 832.88                | 96.04                   | 9.672             |                    |         |
| 8,300.00                   | 6,937.81            | 8,246.69            | 7,126.81            | 51.86           | 48.39       | -101.76               | 297.34                            | -478.32    | 927.77               | 827.73                | 100.04                  | 9.274             |                    |         |
| 8,400.00                   | 6,936.90            | 8,346.68            | 7,125.74            | 54.01           | 50.48       | -101.77               | 293.87                            | -578.24    | 926.62               | 822.43                | 104.19                  | 8.893             |                    |         |
| 8,500.00                   | 6,935.99            | 8,446.67            | 7,124.67            | 56.21           | 52.64       | -101.77               | 290.39                            | -678.17    | 925.48               | 817.00                | 108.47                  | 8.532             |                    |         |
| 8,600.00                   | 6,935.08            | 8,546.67            | 7,123.60            | 58.47           | 54.86       | -101.78               | 286.91                            | -778.10    | 924.33               | 811.46                | 112.87                  | 8.190             |                    |         |
| 8,700.00                   | 6,934.17            | 8,646.66            | 7,122.53            | 60.78           | 57.13       | -101.78               | 283.44                            | -878.03    | 923.18               | 805.82                | 117.36                  | 7.866             |                    |         |
| 8,800.00                   | 6,933.25            | 8,746.65            | 7,121.46            | 63.13           | 59.46       | -101.79               | 279.96                            | -977.95    | 922.03               | 800.08                | 121.94                  | 7.561             |                    |         |
| 8,900.00                   | 6,932.34            | 8,846.65            | 7,120.39            | 65.52           | 61.83       | -101.79               | 276.48                            | -1,077.88  | 920.88               | 794.27                | 126.61                  | 7.274             |                    |         |
| 9,000.00                   | 6,931.43            | 8,946.64            | 7,119.32            | 67.95           | 64.23       | -101.80               | 273.01                            | -1,177.81  | 919.73               | 788.39                | 131.34                  | 7.003             |                    |         |
| 9,100.00                   | 6,930.52            | 9,046.63            | 7,118.25            | 70.40           | 66.67       | -101.80               | 269.53                            | -1,277.73  | 918.58               | 782.44                | 136.14                  | 6.747             |                    |         |
| 9,200.00                   | 6,929.61            | 9,146.63            | 7,117.18            | 72.89           | 69.14       | -101.80               | 266.05                            | -1,377.66  | 917.43               | 776.44                | 140.99                  | 6.507             |                    |         |
| 9,300.00                   | 6,928.69            | 9,246.62            | 7,116.11            | 75.40           | 71.64       | -101.81               | 262.58                            | -1,477.59  | 916.28               | 770.38                | 145.90                  | 6.280             |                    |         |
| 9,400.00                   | 6,927.78            | 9,346.62            | 7,115.04            | 77.93           | 74.17       | -101.81               | 259.10                            | -1,577.52  | 915.13               | 764.28                | 150.85                  | 6.066             |                    |         |
| 9,500.00                   | 6,926.87            | 9,446.61            | 7,113.97            | 80.48           | 76.71       | -101.82               | 255.62                            | -1,677.44  | 913.98               | 758.13                | 155.85                  | 5.865             |                    |         |
| 9,600.00                   | 6,925.96            | 9,546.60            | 7,112.90            | 83.05           | 79.28       | -101.82               | 252.15                            | -1,777.37  | 912.83               | 751.95                | 160.88                  | 5.674             |                    |         |
| 9,700.00                   | 6,925.05            | 9,646.60            | 7,111.83            | 85.64           | 81.86       | -101.83               | 248.67                            | -1,877.30  | 911.68               | 745.73                | 165.95                  | 5.494             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 9,800.00                   | 6,924.14            | 9,746.59            | 7,110.76            | 88.25           | 84.46       | -101.83               | 245.19                            | -1,977.22  | 910.53               | 739.49                | 171.05                  | 5.323             |                    |         |
| 9,900.00                   | 6,923.22            | 9,846.58            | 7,109.69            | 90.86           | 87.08       | -101.84               | 241.72                            | -2,077.15  | 909.39               | 733.21                | 176.18                  | 5.162             |                    |         |
| 10,000.00                  | 6,922.31            | 9,946.58            | 7,108.62            | 93.50           | 89.71       | -101.84               | 238.24                            | -2,177.08  | 908.24               | 726.91                | 181.33                  | 5.009             |                    |         |
| 10,100.00                  | 6,921.40            | 10,046.57           | 7,107.55            | 96.14           | 92.35       | -101.85               | 234.76                            | -2,277.01  | 907.09               | 720.58                | 186.51                  | 4.864             |                    |         |
| 10,200.00                  | 6,920.49            | 10,146.56           | 7,106.48            | 98.79           | 95.01       | -101.85               | 231.29                            | -2,376.93  | 905.94               | 714.23                | 191.71                  | 4.726             |                    |         |
| 10,300.00                  | 6,919.58            | 10,246.56           | 7,105.41            | 101.45          | 97.67       | -101.86               | 227.81                            | -2,476.86  | 904.79               | 707.86                | 196.93                  | 4.594             |                    |         |
| 10,400.00                  | 6,918.67            | 10,346.55           | 7,104.34            | 104.13          | 100.35      | -101.86               | 224.33                            | -2,576.79  | 903.64               | 701.47                | 202.17                  | 4.470             |                    |         |
| 10,500.00                  | 6,917.75            | 10,446.54           | 7,103.27            | 106.81          | 103.03      | -101.87               | 220.86                            | -2,676.72  | 902.49               | 695.07                | 207.42                  | 4.351             |                    |         |
| 10,600.00                  | 6,916.84            | 10,546.54           | 7,102.20            | 109.50          | 105.72      | -101.87               | 217.38                            | -2,776.64  | 901.34               | 688.64                | 212.70                  | 4.238             |                    |         |
| 10,700.00                  | 6,915.93            | 10,646.53           | 7,101.12            | 112.19          | 108.42      | -101.88               | 213.90                            | -2,876.57  | 900.19               | 682.21                | 217.98                  | 4.130             |                    |         |
| 10,800.00                  | 6,915.02            | 10,746.52           | 7,100.05            | 114.90          | 111.13      | -101.88               | 210.42                            | -2,976.50  | 899.04               | 675.76                | 223.29                  | 4.026             |                    |         |
| 10,900.00                  | 6,914.11            | 10,846.52           | 7,098.98            | 117.61          | 113.84      | -101.89               | 206.95                            | -3,076.42  | 897.89               | 669.29                | 228.60                  | 3.928             |                    |         |
| 11,000.00                  | 6,913.20            | 10,946.51           | 7,097.91            | 120.32          | 116.56      | -101.89               | 203.47                            | -3,176.35  | 896.74               | 662.82                | 233.93                  | 3.833             |                    |         |
| 11,100.00                  | 6,912.28            | 11,046.50           | 7,096.84            | 123.04          | 119.28      | -101.90               | 199.99                            | -3,276.28  | 895.60               | 656.33                | 239.26                  | 3.743             |                    |         |
| 11,200.00                  | 6,911.37            | 11,146.50           | 7,095.77            | 125.77          | 122.01      | -101.90               | 196.52                            | -3,376.21  | 894.45               | 649.84                | 244.61                  | 3.657             |                    |         |
| 11,300.00                  | 6,910.46            | 11,246.49           | 7,094.70            | 128.50          | 124.75      | -101.91               | 193.04                            | -3,476.13  | 893.30               | 643.33                | 249.97                  | 3.574             |                    |         |
| 11,400.00                  | 6,909.55            | 11,346.48           | 7,093.63            | 131.24          | 127.49      | -101.92               | 189.56                            | -3,576.06  | 892.15               | 636.82                | 255.33                  | 3.494             |                    |         |
| 11,500.00                  | 6,908.64            | 11,446.48           | 7,092.56            | 133.98          | 130.23      | -101.92               | 186.09                            | -3,675.99  | 891.00               | 630.29                | 260.71                  | 3.418             |                    |         |
| 11,600.00                  | 6,907.73            | 11,546.47           | 7,091.49            | 136.72          | 132.98      | -101.93               | 182.61                            | -3,775.91  | 889.85               | 623.76                | 266.09                  | 3.344             |                    |         |
| 11,700.00                  | 6,906.81            | 11,646.46           | 7,090.42            | 139.47          | 135.74      | -101.93               | 179.13                            | -3,875.84  | 888.70               | 617.22                | 271.48                  | 3.274             |                    |         |
| 11,800.00                  | 6,905.90            | 11,746.46           | 7,089.35            | 142.22          | 138.49      | -101.94               | 175.66                            | -3,975.77  | 887.55               | 610.68                | 276.87                  | 3.206             |                    |         |
| 11,900.00                  | 6,904.99            | 11,846.45           | 7,088.28            | 144.97          | 141.25      | -101.94               | 172.18                            | -4,075.70  | 886.40               | 604.12                | 282.28                  | 3.140             |                    |         |
| 12,000.00                  | 6,904.08            | 11,946.44           | 7,087.21            | 147.73          | 144.01      | -101.95               | 168.70                            | -4,175.62  | 885.25               | 597.57                | 287.69                  | 3.077             |                    |         |
| 12,100.00                  | 6,903.17            | 12,046.44           | 7,086.14            | 150.49          | 146.78      | -101.95               | 165.23                            | -4,275.55  | 884.10               | 591.00                | 293.10                  | 3.016             |                    |         |
| 12,200.00                  | 6,902.26            | 12,146.43           | 7,085.07            | 153.26          | 149.55      | -101.96               | 161.75                            | -4,375.48  | 882.95               | 584.43                | 298.52                  | 2.958             |                    |         |
| 12,300.00                  | 6,901.34            | 12,246.42           | 7,084.00            | 156.02          | 152.32      | -101.96               | 158.27                            | -4,475.40  | 881.81               | 577.86                | 303.95                  | 2.901             |                    |         |
| 12,400.00                  | 6,900.43            | 12,346.42           | 7,082.93            | 158.79          | 155.09      | -101.97               | 154.80                            | -4,575.33  | 880.66               | 571.28                | 309.38                  | 2.847             |                    |         |
| 12,500.00                  | 6,899.52            | 12,446.41           | 7,081.86            | 161.56          | 157.87      | -101.97               | 151.32                            | -4,675.26  | 879.51               | 564.69                | 314.82                  | 2.794             |                    |         |
| 12,600.00                  | 6,898.61            | 12,546.40           | 7,080.79            | 164.34          | 160.65      | -101.98               | 147.84                            | -4,775.19  | 878.36               | 558.10                | 320.26                  | 2.743             |                    |         |
| 12,700.00                  | 6,897.70            | 12,646.40           | 7,079.72            | 167.11          | 163.43      | -101.98               | 144.37                            | -4,875.11  | 877.21               | 551.51                | 325.70                  | 2.693             |                    |         |
| 12,800.00                  | 6,896.79            | 12,746.39           | 7,078.65            | 169.89          | 166.21      | -101.99               | 140.89                            | -4,975.04  | 876.06               | 544.91                | 331.15                  | 2.646             |                    |         |
| 12,900.00                  | 6,895.87            | 12,846.38           | 7,077.58            | 172.67          | 169.00      | -101.99               | 137.41                            | -5,074.97  | 874.91               | 538.31                | 336.60                  | 2.599             |                    |         |
| 13,000.00                  | 6,894.96            | 12,946.38           | 7,076.51            | 175.45          | 171.79      | -102.00               | 133.94                            | -5,174.89  | 873.76               | 531.71                | 342.06                  | 2.554             |                    |         |
| 13,100.00                  | 6,894.05            | 13,046.37           | 7,075.44            | 178.23          | 174.57      | -102.00               | 130.46                            | -5,274.82  | 872.61               | 525.10                | 347.51                  | 2.511             |                    |         |
| 13,200.00                  | 6,893.14            | 13,146.36           | 7,074.37            | 181.02          | 177.36      | -102.01               | 126.98                            | -5,374.75  | 871.46               | 518.49                | 352.98                  | 2.469             |                    |         |
| 13,300.00                  | 6,892.23            | 13,246.36           | 7,073.30            | 183.80          | 180.16      | -102.02               | 123.51                            | -5,474.68  | 870.32               | 511.87                | 358.44                  | 2.428             |                    |         |
| 13,400.00                  | 6,891.31            | 13,346.35           | 7,072.23            | 186.59          | 182.95      | -102.02               | 120.03                            | -5,574.60  | 869.17               | 505.26                | 363.91                  | 2.388             |                    |         |
| 13,500.00                  | 6,890.40            | 13,446.34           | 7,071.16            | 189.38          | 185.75      | -102.03               | 116.55                            | -5,674.53  | 868.02               | 498.64                | 369.38                  | 2.350             |                    |         |
| 13,600.00                  | 6,889.49            | 13,546.34           | 7,070.09            | 192.17          | 188.54      | -102.03               | 113.07                            | -5,774.46  | 866.87               | 492.01                | 374.85                  | 2.313             |                    |         |
| 13,700.00                  | 6,888.58            | 13,646.33           | 7,069.02            | 194.97          | 191.34      | -102.04               | 109.60                            | -5,874.38  | 865.72               | 485.39                | 380.33                  | 2.276             |                    |         |
| 13,800.00                  | 6,887.67            | 13,746.32           | 7,067.95            | 197.76          | 194.14      | -102.04               | 106.12                            | -5,974.31  | 864.57               | 478.76                | 385.81                  | 2.241             |                    |         |
| 13,900.00                  | 6,886.76            | 13,846.32           | 7,066.88            | 200.56          | 196.94      | -102.05               | 102.64                            | -6,074.24  | 863.42               | 472.13                | 391.29                  | 2.207             |                    |         |
| 14,000.00                  | 6,885.84            | 13,946.31           | 7,065.81            | 203.35          | 199.74      | -102.05               | 99.17                             | -6,174.17  | 862.27               | 465.50                | 396.77                  | 2.173             |                    |         |
| 14,100.00                  | 6,884.93            | 14,046.30           | 7,064.74            | 206.15          | 202.54      | -102.06               | 95.69                             | -6,274.09  | 861.12               | 458.87                | 402.26                  | 2.141             |                    |         |
| 14,200.00                  | 6,884.02            | 14,146.30           | 7,063.67            | 208.95          | 205.35      | -102.07               | 92.21                             | -6,374.02  | 859.98               | 452.23                | 407.74                  | 2.109             |                    |         |
| 14,300.00                  | 6,883.11            | 14,246.29           | 7,062.60            | 211.75          | 208.15      | -102.07               | 88.74                             | -6,473.95  | 858.83               | 445.59                | 413.23                  | 2.078             |                    |         |
| 14,400.00                  | 6,882.20            | 14,346.28           | 7,061.53            | 214.55          | 210.96      | -102.08               | 85.26                             | -6,573.87  | 857.68               | 438.95                | 418.72                  | 2.048             |                    |         |
| 14,500.00                  | 6,881.29            | 14,446.28           | 7,060.45            | 217.35          | 213.76      | -102.08               | 81.78                             | -6,673.80  | 856.53               | 432.31                | 424.22                  | 2.019             |                    |         |
| 14,600.00                  | 6,880.37            | 14,546.27           | 7,059.38            | 220.15          | 216.57      | -102.09               | 78.31                             | -6,773.73  | 855.38               | 425.67                | 429.71                  | 1.991             |                    |         |
| 14,700.00                  | 6,879.46            | 14,646.26           | 7,058.31            | 222.95          | 219.38      | -102.09               | 74.83                             | -6,873.66  | 854.23               | 419.02                | 435.21                  | 1.963             |                    |         |
| 14,800.00                  | 6,878.55            | 14,746.26           | 7,057.24            | 225.76          | 222.19      | -102.10               | 71.35                             | -6,973.58  | 853.08               | 412.38                | 440.70                  | 1.936             |                    |         |
| 14,900.00                  | 6,877.64            | 14,846.25           | 7,056.17            | 228.56          | 225.00      | -102.10               | 67.88                             | -7,073.51  | 851.93               | 405.73                | 446.20                  | 1.909             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| <b>Offset Design</b> Boomerang 21-5 - Boomerang 12C-6-M - OH - Plan #1 |                        |                        |                        |                   |                |                             |   |               |                            |                             |                               | <b>Offset Site Error:</b> | 0.00 ft |
|--|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|-------------------------------|---------------------------|---------|
| Survey Program: 0-MWD+IFR1   |                        |                        |                        |                   |                |                             |   |               |                            |                             |                               | <b>Offset Well Error:</b> | 3.28 ft |
| Reference  |                        | Offset                 |                        | Semi Major Axis   |                |                             | Distance                                |               |                            |                             |                               |                           |         |
| Measured Depth<br>(ft)   | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) | Minimum<br>Separation<br>(ft) | Separation<br>Factor      | Warning |
| 15,000.00  | 6,876.73               | 14,946.24              | 7,055.10               | 231.37            | 227.81         | -102.11                     | 64.40                                   | -7,173.44     | 850.78                     | 399.08                      | 451.70                        | 1.884                     |         |
| 15,100.00  | 6,875.82               | 15,046.24              | 7,054.03               | 234.18            | 230.62         | -102.12                     | 60.92                                   | -7,273.37     | 849.64                     | 392.43                      | 457.20                        | 1.858                     |         |
| 15,200.00  | 6,874.90               | 15,146.23              | 7,052.96               | 236.98            | 233.44         | -102.12                     | 57.45                                   | -7,373.29     | 848.49                     | 385.78                      | 462.71                        | 1.834                     |         |
| 15,300.00  | 6,873.99               | 15,246.22              | 7,051.89               | 239.79            | 236.25         | -102.13                     | 53.97                                   | -7,473.22     | 847.34                     | 379.13                      | 468.21                        | 1.810                     |         |
| 15,400.00  | 6,873.08               | 15,346.22              | 7,050.82               | 242.60            | 239.06         | -102.13                     | 50.49                                   | -7,573.15     | 846.19                     | 372.47                      | 473.72                        | 1.786                     |         |
| 15,500.00  | 6,872.17               | 15,446.21              | 7,049.75               | 245.41            | 241.88         | -102.14                     | 47.02                                   | -7,673.07     | 845.04                     | 365.82                      | 479.22                        | 1.763                     |         |
| 15,600.00  | 6,871.26               | 15,546.20              | 7,048.68               | 248.22            | 244.69         | -102.14                     | 43.54                                   | -7,773.00     | 843.89                     | 359.16                      | 484.73                        | 1.741                     |         |
| 15,700.00  | 6,870.35               | 15,646.20              | 7,047.61               | 251.03            | 247.51         | -102.15                     | 40.06                                   | -7,872.93     | 842.74                     | 352.51                      | 490.24                        | 1.719                     |         |
| 15,737.91  | 6,870.00               | 15,684.10              | 7,047.21               | 252.10            | 248.58         | -102.15                     | 38.74                                   | -7,910.81     | 842.31                     | 349.98                      | 492.32                        | 1.711                     |         |
| 15,738.53  | 6,869.99               | 15,684.72              | 7,047.20               | 252.11            | 248.59         | -102.15                     | 38.72                                   | -7,911.43     | 842.30                     | 349.94                      | 492.36                        | 1.711 SF                  |         |



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.32               | -44.81                            | -4.45      | 45.03                |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.32               | -44.81                            | -4.45      | 45.03                | 38.46                 | 6.57                    | 6.854             |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.32               | -44.81                            | -4.45      | 45.03                | 38.36                 | 6.67                    | 6.747             |                    |         |
| 300.00                     | 300.00              | 301.06              | 301.04              | 3.44            | 3.45        | -176.01               | -43.71                            | -3.05      | 43.83                | 36.93                 | 6.90                    | 6.356             |                    |         |
| 400.00                     | 399.98              | 401.96              | 401.79              | 3.60            | 3.61        | 149.52                | -40.42                            | 1.15       | 41.97                | 34.74                 | 7.22                    | 5.810             |                    |         |
| 496.98                     | 496.82              | 499.66              | 499.11              | 3.80            | 3.81        | 143.71                | -35.15                            | 7.87       | 41.31                | 33.68                 | 7.62                    | 5.418 CC          |                    |         |
| 500.00                     | 499.84              | 502.70              | 502.14              | 3.81            | 3.82        | 143.50                | -34.95                            | 8.12       | 41.31                | 33.67                 | 7.64                    | 5.408             |                    |         |
| 550.00                     | 549.68              | 553.00              | 552.11              | 3.93            | 3.94        | 139.99                | -31.40                            | 12.64      | 41.53                | 33.65                 | 7.87                    | 5.274 ES          |                    |         |
| 600.00                     | 599.45              | 603.25              | 601.92              | 4.06            | 4.07        | 134.06                | -27.32                            | 17.84      | 42.08                | 33.95                 | 8.13                    | 5.178             |                    |         |
| 700.00                     | 698.71              | 703.64              | 701.05              | 4.33            | 4.36        | 124.05                | -17.56                            | 30.29      | 44.00                | 35.32                 | 8.68                    | 5.067             |                    |         |
| 800.00                     | 797.49              | 803.85              | 799.39              | 4.64            | 4.68        | 115.70                | -5.68                             | 45.44      | 46.98                | 37.68                 | 9.30                    | 5.049             |                    |         |
| 900.00                     | 895.68              | 903.89              | 896.83              | 4.97            | 5.03        | 108.67                | 8.29                              | 63.25      | 50.96                | 40.97                 | 9.99                    | 5.101             |                    |         |
| 1,000.00                   | 993.14              | 1,003.74            | 993.33              | 5.33            | 5.41        | 103.14                | 24.13                             | 83.45      | 55.84                | 45.10                 | 10.74                   | 5.201             |                    |         |
| 1,039.84                   | 1,031.75            | 1,043.52            | 1,031.70            | 5.48            | 5.58        | 101.94                | 30.58                             | 91.67      | 57.99                | 46.94                 | 11.05                   | 5.248             |                    |         |
| 1,100.00                   | 1,089.94            | 1,103.58            | 1,089.65            | 5.72            | 5.83        | 101.10                | 40.32                             | 104.08     | 61.31                | 49.77                 | 11.54                   | 5.314             |                    |         |
| 1,200.00                   | 1,186.67            | 1,203.42            | 1,185.98            | 6.13            | 6.26        | 99.89                 | 56.50                             | 124.72     | 66.85                | 54.47                 | 12.38                   | 5.401             |                    |         |
| 1,300.00                   | 1,283.39            | 1,303.25            | 1,282.32            | 6.55            | 6.71        | 98.87                 | 72.68                             | 145.35     | 72.42                | 59.17                 | 13.25                   | 5.466             |                    |         |
| 1,400.00                   | 1,380.12            | 1,403.09            | 1,378.65            | 6.99            | 7.17        | 98.00                 | 88.87                             | 165.98     | 78.01                | 63.86                 | 14.15                   | 5.514             |                    |         |
| 1,500.00                   | 1,476.85            | 1,502.93            | 1,474.98            | 7.45            | 7.64        | 97.24                 | 105.05                            | 186.62     | 83.61                | 68.55                 | 15.06                   | 5.550             |                    |         |
| 1,600.00                   | 1,573.57            | 1,602.76            | 1,571.31            | 7.90            | 8.12        | 96.57                 | 121.24                            | 207.25     | 89.23                | 73.23                 | 16.00                   | 5.577             |                    |         |
| 1,700.00                   | 1,670.30            | 1,702.60            | 1,667.64            | 8.37            | 8.60        | 95.99                 | 137.42                            | 227.89     | 94.85                | 77.91                 | 16.95                   | 5.597             |                    |         |
| 1,800.00                   | 1,767.03            | 1,802.44            | 1,763.97            | 8.85            | 9.09        | 95.47                 | 153.61                            | 248.52     | 100.49               | 82.58                 | 17.91                   | 5.612             |                    |         |
| 1,900.00                   | 1,863.75            | 1,902.28            | 1,860.30            | 9.32            | 9.59        | 95.00                 | 169.79                            | 269.16     | 106.13               | 87.25                 | 18.88                   | 5.622             |                    |         |
| 2,000.00                   | 1,960.48            | 2,002.11            | 1,956.64            | 9.81            | 10.09       | 94.59                 | 185.97                            | 289.79     | 111.78               | 91.92                 | 19.86                   | 5.629             |                    |         |
| 2,100.00                   | 2,057.21            | 2,101.95            | 2,052.97            | 10.29           | 10.60       | 94.21                 | 202.16                            | 310.43     | 117.43               | 96.59                 | 20.84                   | 5.634             |                    |         |
| 2,200.00                   | 2,153.93            | 2,201.79            | 2,149.30            | 10.78           | 11.10       | 93.87                 | 218.34                            | 331.06     | 123.09               | 101.26                | 21.83                   | 5.637             |                    |         |
| 2,300.00                   | 2,250.66            | 2,301.62            | 2,245.63            | 11.28           | 11.61       | 93.56                 | 234.53                            | 351.70     | 128.76               | 105.92                | 22.83                   | 5.639             |                    |         |
| 2,400.00                   | 2,347.39            | 2,401.46            | 2,341.96            | 11.77           | 12.13       | 93.27                 | 250.71                            | 372.33     | 134.42               | 110.59                | 23.84                   | 5.639             |                    |         |
| 2,500.00                   | 2,444.11            | 2,501.30            | 2,438.29            | 12.27           | 12.64       | 93.01                 | 266.90                            | 392.97     | 140.09               | 115.25                | 24.84                   | 5.639             |                    |         |
| 2,600.00                   | 2,540.84            | 2,601.14            | 2,534.62            | 12.77           | 13.16       | 92.76                 | 283.08                            | 413.60     | 145.76               | 119.91                | 25.85                   | 5.638             |                    |         |
| 2,700.00                   | 2,637.57            | 2,700.97            | 2,630.95            | 13.27           | 13.68       | 92.54                 | 299.26                            | 434.24     | 151.44               | 124.57                | 26.87                   | 5.636             |                    |         |
| 2,800.00                   | 2,734.30            | 2,800.81            | 2,727.29            | 13.78           | 14.20       | 92.33                 | 315.45                            | 454.87     | 157.11               | 129.23                | 27.89                   | 5.634             |                    |         |
| 2,900.00                   | 2,831.02            | 2,900.65            | 2,823.62            | 14.28           | 14.72       | 92.14                 | 331.63                            | 475.51     | 162.79               | 133.89                | 28.90                   | 5.632             |                    |         |
| 3,000.00                   | 2,927.75            | 3,000.48            | 2,919.95            | 14.79           | 15.24       | 91.96                 | 347.82                            | 496.14     | 168.47               | 138.55                | 29.93                   | 5.630             |                    |         |
| 3,100.00                   | 3,024.48            | 3,100.32            | 3,016.28            | 15.29           | 15.76       | 91.79                 | 364.00                            | 516.78     | 174.16               | 143.20                | 30.95                   | 5.627             |                    |         |
| 3,200.00                   | 3,121.20            | 3,200.16            | 3,112.61            | 15.80           | 16.29       | 91.63                 | 380.19                            | 537.41     | 179.84               | 147.86                | 31.98                   | 5.624             |                    |         |
| 3,300.00                   | 3,217.93            | 3,300.00            | 3,208.94            | 16.31           | 16.81       | 91.48                 | 396.37                            | 558.05     | 185.52               | 152.52                | 33.01                   | 5.621             |                    |         |
| 3,400.00                   | 3,314.66            | 3,399.83            | 3,305.27            | 16.82           | 17.34       | 91.34                 | 412.55                            | 578.68     | 191.21               | 157.18                | 34.03                   | 5.618             |                    |         |
| 3,500.00                   | 3,411.38            | 3,499.67            | 3,401.61            | 17.33           | 17.87       | 91.21                 | 428.74                            | 599.32     | 196.90               | 161.83                | 35.07                   | 5.615             |                    |         |
| 3,600.00                   | 3,508.11            | 3,600.49            | 3,497.94            | 17.84           | 18.40       | 91.09                 | 444.92                            | 619.95     | 202.58               | 166.48                | 36.10                   | 5.611             |                    |         |
| 3,700.00                   | 3,604.84            | 3,700.66            | 3,594.27            | 18.36           | 18.93       | 90.97                 | 461.11                            | 640.59     | 208.27               | 171.14                | 37.14                   | 5.608             |                    |         |
| 3,800.00                   | 3,701.56            | 3,800.82            | 3,690.60            | 18.87           | 19.46       | 90.86                 | 477.29                            | 661.22     | 213.96               | 175.79                | 38.17                   | 5.605             |                    |         |
| 3,900.00                   | 3,798.29            | 3,900.98            | 3,786.93            | 19.38           | 19.99       | 90.75                 | 493.48                            | 681.86     | 219.65               | 180.44                | 39.21                   | 5.602             |                    |         |
| 4,000.00                   | 3,895.02            | 3,998.86            | 3,883.26            | 19.89           | 20.51       | 90.65                 | 509.66                            | 702.49     | 225.34               | 185.11                | 40.24                   | 5.600             |                    |         |
| 4,100.00                   | 3,991.74            | 4,101.31            | 3,979.59            | 20.41           | 21.05       | 90.56                 | 525.84                            | 723.13     | 231.04               | 189.75                | 41.29                   | 5.596             |                    |         |
| 4,200.00                   | 4,088.47            | 4,201.47            | 4,075.93            | 20.92           | 21.59       | 90.47                 | 542.03                            | 743.76     | 236.73               | 194.40                | 42.33                   | 5.593             |                    |         |
| 4,300.00                   | 4,185.20            | 4,301.63            | 4,172.26            | 21.44           | 22.12       | 90.38                 | 558.21                            | 764.40     | 242.42               | 199.05                | 43.37                   | 5.590             |                    |         |
| 4,400.00                   | 4,281.92            | 4,398.35            | 4,268.73            | 21.95           | 22.63       | 90.30                 | 574.41                            | 785.05     | 248.11               | 203.72                | 44.39                   | 5.589             |                    |         |
| 4,500.00                   | 4,378.65            | 4,499.99            | 4,367.33            | 22.47           | 23.16       | 90.68                 | 589.64                            | 804.47     | 253.39               | 207.94                | 45.45                   | 5.576             |                    |         |
| 4,600.00                   | 4,475.38            | 4,601.47            | 4,466.57            | 22.99           | 23.66       | 91.84                 | 602.68                            | 821.10     | 258.02               | 211.54                | 46.49                   | 5.550             |                    |         |
| 4,700.00                   | 4,572.10            | 4,702.52            | 4,566.09            | 23.50           | 24.13       | 93.71                 | 613.50                            | 834.90     | 262.21               | 214.71                | 47.51                   | 5.519             |                    |         |
| 4,800.00                   | 4,668.83            | 4,802.91            | 4,665.50            | 24.02           | 24.58       | 96.26                 | 622.10                            | 845.86     | 266.29               | 217.78                | 48.51                   | 5.490             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00                   | 4,765.56            | 4,902.40            | 4,764.44            | 24.53           | 24.99       | 99.44                 | 628.50                            | 854.02     | 270.68               | 221.21                | 49.47                   | 5.471             |                    |         |
| 5,000.00                   | 4,862.28            | 5,000.76            | 4,862.55            | 25.05           | 25.39       | 103.17                | 632.74                            | 859.42     | 275.92               | 225.54                | 50.39                   | 5.476             |                    |         |
| 5,100.00                   | 4,959.01            | 5,097.78            | 4,959.51            | 25.57           | 25.76       | 107.36                | 634.88                            | 862.15     | 282.62               | 231.38                | 51.23                   | 5.516             |                    |         |
| 5,200.00                   | 5,055.74            | 5,205.99            | 5,055.74            | 26.09           | 26.15       | 111.87                | 635.19                            | 862.55     | 291.32               | 239.27                | 52.05                   | 5.597             |                    |         |
| 5,300.00                   | 5,152.46            | 5,309.26            | 5,152.46            | 26.60           | 26.53       | 116.23                | 635.19                            | 862.55     | 301.96               | 249.15                | 52.81                   | 5.718             |                    |         |
| 5,400.00                   | 5,249.19            | 5,387.46            | 5,249.19            | 27.12           | 26.81       | 120.28                | 635.19                            | 862.55     | 314.29               | 260.85                | 53.45                   | 5.881             |                    |         |
| 5,500.00                   | 5,345.92            | 5,484.19            | 5,345.92            | 27.64           | 27.17       | 124.02                | 635.19                            | 862.55     | 328.13               | 273.99                | 54.14                   | 6.061             |                    |         |
| 5,600.00                   | 5,442.65            | 5,580.92            | 5,442.65            | 28.16           | 27.53       | 127.47                | 635.19                            | 862.55     | 343.28               | 288.46                | 54.82                   | 6.262             |                    |         |
| 5,700.00                   | 5,539.37            | 5,677.64            | 5,539.37            | 28.68           | 27.89       | 130.62                | 635.19                            | 862.55     | 359.59               | 304.09                | 55.50                   | 6.479             |                    |         |
| 5,800.00                   | 5,636.10            | 5,774.37            | 5,636.10            | 29.20           | 28.25       | 133.50                | 635.19                            | 862.55     | 376.91               | 320.72                | 56.19                   | 6.708             |                    |         |
| 5,900.00                   | 5,732.83            | 5,871.10            | 5,732.83            | 29.71           | 28.61       | 136.12                | 635.19                            | 862.55     | 395.09               | 338.21                | 56.88                   | 6.946             |                    |         |
| 6,000.00                   | 5,829.55            | 5,967.82            | 5,829.55            | 30.23           | 28.98       | 138.52                | 635.19                            | 862.55     | 414.03               | 356.45                | 57.58                   | 7.190             |                    |         |
| 6,100.00                   | 5,926.28            | 6,064.55            | 5,926.28            | 30.75           | 29.35       | 140.72                | 635.19                            | 862.55     | 433.63               | 375.34                | 58.30                   | 7.438             |                    |         |
| 6,200.00                   | 6,023.01            | 6,161.28            | 6,023.01            | 31.27           | 29.71       | 142.72                | 635.19                            | 862.55     | 453.81               | 394.79                | 59.02                   | 7.689             |                    |         |
| 6,300.00                   | 6,119.73            | 6,258.00            | 6,119.73            | 31.79           | 30.08       | 144.56                | 635.19                            | 862.55     | 474.48               | 414.72                | 59.76                   | 7.940             |                    |         |
| 6,397.75                   | 6,214.28            | 6,352.55            | 6,214.28            | 32.30           | 30.45       | 146.21                | 635.19                            | 862.55     | 495.11               | 434.62                | 60.49                   | 8.186             |                    |         |
| 6,400.00                   | 6,216.46            | 6,354.73            | 6,216.46            | 32.31           | 30.46       | 146.87                | 635.19                            | 862.55     | 495.59               | 435.09                | 60.50                   | 8.191             |                    |         |
| 6,450.00                   | 6,265.12            | 6,403.39            | 6,265.12            | 32.56           | 30.64       | 164.45                | 635.19                            | 862.55     | 505.99               | 445.10                | 60.89                   | 8.310             |                    |         |
| 6,500.00                   | 6,314.12            | 6,452.40            | 6,314.12            | 32.78           | 30.83       | -173.11               | 635.19                            | 862.55     | 515.83               | 454.54                | 61.30                   | 8.415             |                    |         |
| 6,550.00                   | 6,363.16            | 6,495.55            | 6,357.24            | 32.99           | 30.99       | -150.14               | 635.13                            | 861.04     | 525.31               | 463.74                | 61.57                   | 8.532             |                    |         |
| 6,600.00                   | 6,411.94            | 6,538.79            | 6,400.25            | 33.18           | 31.15       | -131.94               | 634.94                            | 856.60     | 534.64               | 472.80                | 61.84                   | 8.645             |                    |         |
| 6,650.00                   | 6,460.15            | 6,582.09            | 6,442.91            | 33.35           | 31.32       | -119.37               | 634.62                            | 849.25     | 543.77               | 481.65                | 62.11                   | 8.754             |                    |         |
| 6,700.00                   | 6,507.49            | 6,625.48            | 6,485.06            | 33.52           | 31.48       | -110.85               | 634.18                            | 838.99     | 552.65               | 490.24                | 62.40                   | 8.856             |                    |         |
| 6,750.00                   | 6,553.69            | 6,669.00            | 6,526.54            | 33.69           | 31.65       | -104.91               | 633.61                            | 825.85     | 561.23               | 498.52                | 62.71                   | 8.950             |                    |         |
| 6,800.00                   | 6,598.44            | 6,712.69            | 6,567.17            | 33.85           | 31.83       | -100.62               | 632.93                            | 809.84     | 569.47               | 506.43                | 63.04                   | 9.033             |                    |         |
| 6,850.00                   | 6,641.47            | 6,756.58            | 6,606.79            | 34.02           | 32.01       | -97.42                | 632.12                            | 790.99     | 577.34               | 513.93                | 63.41                   | 9.105             |                    |         |
| 6,900.00                   | 6,682.53            | 6,800.71            | 6,645.22            | 34.19           | 32.21       | -94.99                | 631.19                            | 769.33     | 584.78               | 520.97                | 63.82                   | 9.163             |                    |         |
| 6,950.00                   | 6,721.35            | 6,845.11            | 6,682.27            | 34.38           | 32.41       | -93.12                | 630.14                            | 744.91     | 591.78               | 527.50                | 64.28                   | 9.207             |                    |         |
| 7,000.00                   | 6,757.70            | 6,889.82            | 6,717.78            | 34.57           | 32.63       | -91.68                | 628.97                            | 717.77     | 598.28               | 533.48                | 64.79                   | 9.234             |                    |         |
| 7,050.00                   | 6,791.35            | 6,934.87            | 6,751.53            | 34.79           | 32.87       | -90.58                | 627.69                            | 687.98     | 604.26               | 538.88                | 65.37                   | 9.243             |                    |         |
| 7,100.00                   | 6,822.10            | 6,980.29            | 6,783.34            | 35.03           | 33.13       | -89.76                | 626.30                            | 655.61     | 609.69               | 543.66                | 66.03                   | 9.234             |                    |         |
| 7,150.00                   | 6,849.75            | 7,026.10            | 6,813.00            | 35.30           | 33.42       | -89.17                | 624.80                            | 620.74     | 614.55               | 547.79                | 66.76                   | 9.206             |                    |         |
| 7,200.00                   | 6,874.14            | 7,072.34            | 6,840.32            | 35.61           | 33.74       | -88.79                | 623.20                            | 583.48     | 618.81               | 551.24                | 67.57                   | 9.158             |                    |         |
| 7,250.00                   | 6,895.11            | 7,119.02            | 6,865.08            | 35.95           | 34.08       | -88.59                | 621.50                            | 543.96     | 622.45               | 553.98                | 68.47                   | 9.091             |                    |         |
| 7,300.00                   | 6,912.54            | 7,166.16            | 6,887.07            | 36.34           | 34.47       | -88.55                | 619.72                            | 502.31     | 625.46               | 556.01                | 69.45                   | 9.005             |                    |         |
| 7,350.00                   | 6,926.31            | 7,213.79            | 6,906.10            | 36.77           | 34.89       | -88.67                | 617.84                            | 458.70     | 627.82               | 557.30                | 70.52                   | 8.903             |                    |         |
| 7,400.00                   | 6,936.35            | 7,261.92            | 6,921.96            | 37.25           | 35.36       | -88.93                | 615.89                            | 413.31     | 629.51               | 557.85                | 71.66                   | 8.785             |                    |         |
| 7,450.00                   | 6,942.59            | 7,310.56            | 6,934.46            | 37.76           | 35.86       | -89.33                | 613.88                            | 366.36     | 630.53               | 557.66                | 72.87                   | 8.653             |                    |         |
| 7,500.00                   | 6,944.99            | 7,359.72            | 6,943.41            | 38.31           | 36.40       | -89.86                | 611.80                            | 318.08     | 630.87               | 556.73                | 74.14                   | 8.510             |                    |         |
| 7,512.10                   | 6,945.00            | 7,371.70            | 6,945.02            | 38.44           | 36.54       | -90.00                | 611.29                            | 306.22     | 630.85               | 556.40                | 74.45                   | 8.473             |                    |         |
| 7,600.00                   | 6,944.19            | 7,459.87            | 6,949.99            | 39.51           | 37.59       | -90.53                | 607.52                            | 218.35     | 630.59               | 553.84                | 76.75                   | 8.216             |                    |         |
| 7,700.00                   | 6,943.28            | 7,559.87            | 6,948.91            | 40.90           | 38.94       | -90.51                | 603.22                            | 118.44     | 630.26               | 550.70                | 79.56                   | 7.921             |                    |         |
| 7,800.00                   | 6,942.37            | 7,659.87            | 6,947.83            | 42.44           | 40.43       | -90.50                | 598.93                            | 18.54      | 629.94               | 547.28                | 82.65                   | 7.621             |                    |         |
| 7,900.00                   | 6,941.46            | 7,759.86            | 6,946.75            | 44.11           | 42.07       | -90.48                | 594.64                            | -81.36     | 629.61               | 543.60                | 86.01                   | 7.320             |                    |         |
| 8,000.00                   | 6,940.55            | 7,859.86            | 6,945.67            | 45.90           | 43.82       | -90.47                | 590.35                            | -181.26    | 629.28               | 539.68                | 89.60                   | 7.023             |                    |         |
| 8,100.00                   | 6,939.64            | 7,959.86            | 6,944.60            | 47.80           | 45.69       | -90.45                | 586.06                            | -281.16    | 628.96               | 535.56                | 93.39                   | 6.734             |                    |         |
| 8,200.00                   | 6,938.72            | 8,059.86            | 6,943.52            | 49.79           | 47.66       | -90.44                | 581.77                            | -381.06    | 628.63               | 531.26                | 97.37                   | 6.456             |                    |         |
| 8,300.00                   | 6,937.81            | 8,159.86            | 6,942.44            | 51.86           | 49.71       | -90.42                | 577.47                            | -480.96    | 628.30               | 526.79                | 101.51                  | 6.189             |                    |         |
| 8,400.00                   | 6,936.90            | 8,259.86            | 6,941.36            | 54.01           | 51.84       | -90.41                | 573.18                            | -580.87    | 627.97               | 522.18                | 105.80                  | 5.936             |                    |         |
| 8,500.00                   | 6,935.99            | 8,359.86            | 6,940.28            | 56.21           | 54.04       | -90.39                | 568.89                            | -680.77    | 627.65               | 517.44                | 110.21                  | 5.695             |                    |         |
| 8,600.00                   | 6,935.08            | 8,459.86            | 6,939.20            | 58.47           | 56.29       | -90.38                | 564.60                            | -780.67    | 627.32               | 512.59                | 114.73                  | 5.468             |                    |         |
| 8,700.00                   | 6,934.17            | 8,559.86            | 6,938.13            | 60.78           | 58.59       | -90.36                | 560.31                            | -880.57    | 626.99               | 507.65                | 119.35                  | 5.253             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                   | 6,933.25            | 8,659.86            | 6,937.05            | 63.13           | 60.94       | -90.35                | 556.02                            | -980.47    | 626.67               | 502.61                | 124.06                  | 5.051             |                    |         |
| 8,900.00                   | 6,932.34            | 8,759.86            | 6,935.97            | 65.52           | 63.33       | -90.33                | 551.72                            | -1,080.37  | 626.34               | 497.50                | 128.84                  | 4.861             |                    |         |
| 9,000.00                   | 6,931.43            | 8,859.86            | 6,934.89            | 67.95           | 65.76       | -90.32                | 547.43                            | -1,180.27  | 626.01               | 492.32                | 133.70                  | 4.682             |                    |         |
| 9,100.00                   | 6,930.52            | 8,959.86            | 6,933.81            | 70.40           | 68.22       | -90.30                | 543.14                            | -1,280.17  | 625.69               | 487.07                | 138.62                  | 4.514             |                    |         |
| 9,200.00                   | 6,929.61            | 9,059.86            | 6,932.73            | 72.89           | 70.71       | -90.29                | 538.85                            | -1,380.08  | 625.36               | 481.77                | 143.59                  | 4.355             |                    |         |
| 9,300.00                   | 6,928.69            | 9,159.86            | 6,931.65            | 75.40           | 73.22       | -90.27                | 534.56                            | -1,479.98  | 625.03               | 476.42                | 148.61                  | 4.206             |                    |         |
| 9,400.00                   | 6,927.78            | 9,259.85            | 6,930.58            | 77.93           | 75.76       | -90.26                | 530.27                            | -1,579.88  | 624.71               | 471.02                | 153.68                  | 4.065             |                    |         |
| 9,500.00                   | 6,926.87            | 9,359.85            | 6,929.50            | 80.48           | 78.31       | -90.24                | 525.97                            | -1,679.78  | 624.38               | 465.59                | 158.79                  | 3.932             |                    |         |
| 9,600.00                   | 6,925.96            | 9,459.85            | 6,928.42            | 83.05           | 80.89       | -90.23                | 521.68                            | -1,779.68  | 624.06               | 460.11                | 163.94                  | 3.807             |                    |         |
| 9,700.00                   | 6,925.05            | 9,559.85            | 6,927.34            | 85.64           | 83.48       | -90.21                | 517.39                            | -1,879.58  | 623.73               | 454.60                | 169.12                  | 3.688             |                    |         |
| 9,800.00                   | 6,924.14            | 9,659.85            | 6,926.26            | 88.25           | 86.09       | -90.20                | 513.10                            | -1,979.48  | 623.40               | 449.07                | 174.34                  | 3.576             |                    |         |
| 9,900.00                   | 6,923.22            | 9,759.85            | 6,925.18            | 90.86           | 88.72       | -90.18                | 508.81                            | -2,079.39  | 623.08               | 443.50                | 179.58                  | 3.470             |                    |         |
| 10,000.00                  | 6,922.31            | 9,859.85            | 6,924.10            | 93.50           | 91.35       | -90.17                | 504.52                            | -2,179.29  | 622.75               | 437.91                | 184.84                  | 3.369             |                    |         |
| 10,100.00                  | 6,921.40            | 9,959.85            | 6,923.03            | 96.14           | 94.00       | -90.15                | 500.22                            | -2,279.19  | 622.42               | 432.29                | 190.13                  | 3.274             |                    |         |
| 10,200.00                  | 6,920.49            | 10,059.85           | 6,921.95            | 98.79           | 96.66       | -90.14                | 495.93                            | -2,379.09  | 622.10               | 426.65                | 195.45                  | 3.183             |                    |         |
| 10,300.00                  | 6,919.58            | 10,159.85           | 6,920.87            | 101.45          | 99.33       | -90.12                | 491.64                            | -2,478.99  | 621.77               | 421.00                | 200.78                  | 3.097             |                    |         |
| 10,400.00                  | 6,918.67            | 10,259.85           | 6,919.79            | 104.13          | 102.01      | -90.11                | 487.35                            | -2,578.89  | 621.45               | 415.32                | 206.13                  | 3.015             |                    |         |
| 10,500.00                  | 6,917.75            | 10,359.85           | 6,918.71            | 106.81          | 104.69      | -90.09                | 483.06                            | -2,678.79  | 621.12               | 409.63                | 211.49                  | 2.937             |                    |         |
| 10,600.00                  | 6,916.84            | 10,459.85           | 6,917.63            | 109.50          | 107.39      | -90.07                | 478.77                            | -2,778.70  | 620.79               | 403.92                | 216.88                  | 2.862             |                    |         |
| 10,700.00                  | 6,915.93            | 10,559.85           | 6,916.55            | 112.19          | 110.09      | -90.06                | 474.47                            | -2,878.60  | 620.47               | 398.20                | 222.27                  | 2.791             |                    |         |
| 10,800.00                  | 6,915.02            | 10,659.85           | 6,915.48            | 114.90          | 112.80      | -90.04                | 470.18                            | -2,978.50  | 620.14               | 392.46                | 227.68                  | 2.724             |                    |         |
| 10,900.00                  | 6,914.11            | 10,759.84           | 6,914.40            | 117.61          | 115.52      | -90.03                | 465.89                            | -3,078.40  | 619.82               | 386.71                | 233.11                  | 2.659             |                    |         |
| 11,000.00                  | 6,913.20            | 10,859.84           | 6,913.32            | 120.32          | 118.24      | -90.01                | 461.60                            | -3,178.30  | 619.49               | 380.95                | 238.54                  | 2.597             |                    |         |
| 11,100.00                  | 6,912.28            | 10,959.84           | 6,912.24            | 123.04          | 120.96      | -90.00                | 457.31                            | -3,278.20  | 619.17               | 375.18                | 243.99                  | 2.538             |                    |         |
| 11,200.00                  | 6,911.37            | 11,059.84           | 6,911.16            | 125.77          | 123.69      | -89.98                | 453.02                            | -3,378.10  | 618.84               | 369.40                | 249.44                  | 2.481             |                    |         |
| 11,300.00                  | 6,910.46            | 11,159.84           | 6,910.08            | 128.50          | 126.43      | -89.97                | 448.72                            | -3,478.01  | 618.51               | 363.61                | 254.91                  | 2.426             |                    |         |
| 11,400.00                  | 6,909.55            | 11,259.84           | 6,909.01            | 131.24          | 129.17      | -89.95                | 444.43                            | -3,577.91  | 618.19               | 357.81                | 260.38                  | 2.374             |                    |         |
| 11,500.00                  | 6,908.64            | 11,359.84           | 6,907.93            | 133.98          | 131.92      | -89.94                | 440.14                            | -3,677.81  | 617.86               | 352.00                | 265.87                  | 2.324             |                    |         |
| 11,600.00                  | 6,907.73            | 11,459.84           | 6,906.85            | 136.72          | 134.66      | -89.92                | 435.85                            | -3,777.71  | 617.54               | 346.18                | 271.36                  | 2.276             |                    |         |
| 11,700.00                  | 6,906.81            | 11,559.84           | 6,905.77            | 139.47          | 137.42      | -89.90                | 431.56                            | -3,877.61  | 617.21               | 340.36                | 276.86                  | 2.229             |                    |         |
| 11,800.00                  | 6,905.90            | 11,659.84           | 6,904.69            | 142.22          | 140.17      | -89.89                | 427.27                            | -3,977.51  | 616.89               | 334.53                | 282.36                  | 2.185             |                    |         |
| 11,900.00                  | 6,904.99            | 11,759.84           | 6,903.61            | 144.97          | 142.93      | -89.87                | 422.97                            | -4,077.41  | 616.56               | 328.69                | 287.87                  | 2.142             |                    |         |
| 12,000.00                  | 6,904.08            | 11,859.84           | 6,902.53            | 147.73          | 145.69      | -89.86                | 418.68                            | -4,177.31  | 616.24               | 322.85                | 293.39                  | 2.100             |                    |         |
| 12,100.00                  | 6,903.17            | 11,959.84           | 6,901.46            | 150.49          | 148.46      | -89.84                | 414.39                            | -4,277.22  | 615.91               | 317.00                | 298.92                  | 2.060             |                    |         |
| 12,200.00                  | 6,902.26            | 12,059.84           | 6,900.38            | 153.26          | 151.23      | -89.83                | 410.10                            | -4,377.12  | 615.59               | 311.14                | 304.44                  | 2.022             |                    |         |
| 12,300.00                  | 6,901.34            | 12,159.84           | 6,899.30            | 156.02          | 154.00      | -89.81                | 405.81                            | -4,477.02  | 615.26               | 305.28                | 309.98                  | 1.985             |                    |         |
| 12,400.00                  | 6,900.43            | 12,259.83           | 6,898.22            | 158.79          | 156.77      | -89.80                | 401.52                            | -4,576.92  | 614.94               | 299.42                | 315.52                  | 1.949             |                    |         |
| 12,500.00                  | 6,899.52            | 12,359.83           | 6,897.14            | 161.56          | 159.55      | -89.78                | 397.22                            | -4,676.82  | 614.61               | 293.55                | 321.06                  | 1.914             |                    |         |
| 12,600.00                  | 6,898.61            | 12,459.83           | 6,896.06            | 164.34          | 162.32      | -89.76                | 392.93                            | -4,776.72  | 614.29               | 287.67                | 326.61                  | 1.881             |                    |         |
| 12,700.00                  | 6,897.70            | 12,559.83           | 6,894.98            | 167.11          | 165.10      | -89.75                | 388.64                            | -4,876.62  | 613.96               | 281.80                | 332.16                  | 1.848             |                    |         |
| 12,800.00                  | 6,896.79            | 12,659.83           | 6,893.91            | 169.89          | 167.89      | -89.73                | 384.35                            | -4,976.53  | 613.64               | 275.91                | 337.72                  | 1.817             |                    |         |
| 12,900.00                  | 6,895.87            | 12,759.83           | 6,892.83            | 172.67          | 170.67      | -89.72                | 380.06                            | -5,076.43  | 613.31               | 270.03                | 343.28                  | 1.787             |                    |         |
| 13,000.00                  | 6,894.96            | 12,859.83           | 6,891.75            | 175.45          | 173.46      | -89.70                | 375.77                            | -5,176.33  | 612.99               | 264.14                | 348.85                  | 1.757             |                    |         |
| 13,100.00                  | 6,894.05            | 12,959.83           | 6,890.67            | 178.23          | 176.24      | -89.69                | 371.47                            | -5,276.23  | 612.66               | 258.25                | 354.42                  | 1.729             |                    |         |
| 13,200.00                  | 6,893.14            | 13,059.83           | 6,889.59            | 181.02          | 179.03      | -89.67                | 367.18                            | -5,376.13  | 612.34               | 252.35                | 359.99                  | 1.701             |                    |         |
| 13,300.00                  | 6,892.23            | 13,159.83           | 6,888.51            | 183.80          | 181.82      | -89.65                | 362.89                            | -5,476.03  | 612.01               | 246.45                | 365.56                  | 1.674             |                    |         |
| 13,400.00                  | 6,891.31            | 13,259.83           | 6,887.43            | 186.59          | 184.61      | -89.64                | 358.60                            | -5,575.93  | 611.69               | 240.55                | 371.14                  | 1.648             |                    |         |
| 13,500.00                  | 6,890.40            | 13,359.83           | 6,886.36            | 189.38          | 187.41      | -89.62                | 354.31                            | -5,675.84  | 611.36               | 234.64                | 376.72                  | 1.623             |                    |         |
| 13,600.00                  | 6,889.49            | 13,459.83           | 6,885.28            | 192.17          | 190.20      | -89.61                | 350.02                            | -5,775.74  | 611.04               | 228.74                | 382.30                  | 1.598             |                    |         |
| 13,700.00                  | 6,888.58            | 13,559.83           | 6,884.20            | 194.97          | 193.00      | -89.59                | 345.72                            | -5,875.64  | 610.71               | 222.83                | 387.89                  | 1.574             |                    |         |
| 13,800.00                  | 6,887.67            | 13,659.83           | 6,883.12            | 197.76          | 195.79      | -89.57                | 341.43                            | -5,975.54  | 610.39               | 216.91                | 393.47                  | 1.551             |                    |         |
| 13,900.00                  | 6,886.76            | 13,759.82           | 6,882.04            | 200.56          | 198.59      | -89.56                | 337.14                            | -6,075.44  | 610.07               | 211.00                | 399.07                  | 1.529             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00                  | 6,885.84            | 13,859.82           | 6,880.96            | 203.35          | 201.39      | -89.54                | 332.85                            | -6,175.34  | 609.74               | 205.08                | 404.66                  | 1.507             |                    |         |
| 14,100.00                  | 6,884.93            | 13,959.82           | 6,879.89            | 206.15          | 204.19      | -89.53                | 328.56                            | -6,275.24  | 609.42               | 199.16                | 410.25                  | 1.485 Level 3     |                    |         |
| 14,200.00                  | 6,884.02            | 14,059.82           | 6,878.81            | 208.95          | 207.00      | -89.51                | 324.27                            | -6,375.14  | 609.09               | 193.24                | 415.85                  | 1.465 Level 3     |                    |         |
| 14,300.00                  | 6,883.11            | 14,159.82           | 6,877.73            | 211.75          | 209.80      | -89.50                | 319.97                            | -6,475.05  | 608.77               | 187.32                | 421.45                  | 1.444 Level 3     |                    |         |
| 14,400.00                  | 6,882.20            | 14,259.82           | 6,876.65            | 214.55          | 212.60      | -89.48                | 315.68                            | -6,574.95  | 608.44               | 181.39                | 427.05                  | 1.425 Level 3     |                    |         |
| 14,500.00                  | 6,881.29            | 14,359.82           | 6,875.57            | 217.35          | 215.41      | -89.46                | 311.39                            | -6,674.85  | 608.12               | 175.47                | 432.65                  | 1.406 Level 3     |                    |         |
| 14,600.00                  | 6,880.37            | 14,459.82           | 6,874.49            | 220.15          | 218.21      | -89.45                | 307.10                            | -6,774.75  | 607.80               | 169.54                | 438.26                  | 1.387 Level 3     |                    |         |
| 14,700.00                  | 6,879.46            | 14,559.82           | 6,873.41            | 222.95          | 221.02      | -89.43                | 302.81                            | -6,874.65  | 607.47               | 163.61                | 443.86                  | 1.369 Level 3     |                    |         |
| 14,800.00                  | 6,878.55            | 14,659.82           | 6,872.34            | 225.76          | 223.83      | -89.42                | 298.52                            | -6,974.55  | 607.15               | 157.68                | 449.47                  | 1.351 Level 3     |                    |         |
| 14,900.00                  | 6,877.64            | 14,759.82           | 6,871.26            | 228.56          | 226.63      | -89.40                | 294.22                            | -7,074.45  | 606.82               | 151.74                | 455.08                  | 1.333 Level 3     |                    |         |
| 15,000.00                  | 6,876.73            | 14,859.82           | 6,870.18            | 231.37          | 229.44      | -89.38                | 289.93                            | -7,174.36  | 606.50               | 145.81                | 460.69                  | 1.316 Level 3     |                    |         |
| 15,100.00                  | 6,875.82            | 14,959.82           | 6,869.10            | 234.18          | 232.25      | -89.37                | 285.64                            | -7,274.26  | 606.18               | 139.87                | 466.30                  | 1.300 Level 3     |                    |         |
| 15,200.00                  | 6,874.90            | 15,059.82           | 6,868.02            | 236.98          | 235.06      | -89.35                | 281.35                            | -7,374.16  | 605.85               | 133.94                | 471.92                  | 1.284 Level 3     |                    |         |
| 15,300.00                  | 6,873.99            | 15,159.82           | 6,866.94            | 239.79          | 237.87      | -89.33                | 277.06                            | -7,474.06  | 605.53               | 128.00                | 477.53                  | 1.268 Level 3     |                    |         |
| 15,400.00                  | 6,873.08            | 15,259.81           | 6,865.86            | 242.60          | 240.68      | -89.32                | 272.77                            | -7,573.96  | 605.21               | 122.06                | 483.15                  | 1.253 Level 3     |                    |         |
| 15,500.00                  | 6,872.17            | 15,359.81           | 6,864.79            | 245.41          | 243.50      | -89.30                | 268.47                            | -7,673.86  | 604.88               | 116.12                | 488.77                  | 1.238 Level 2     |                    |         |
| 15,600.00                  | 6,871.26            | 15,459.81           | 6,863.71            | 248.22          | 246.31      | -89.29                | 264.18                            | -7,773.76  | 604.56               | 110.17                | 494.39                  | 1.223 Level 2     |                    |         |
| 15,700.00                  | 6,870.35            | 15,559.81           | 6,862.63            | 251.03          | 249.12      | -89.27                | 259.89                            | -7,873.67  | 604.23               | 104.23                | 500.01                  | 1.208 Level 2     |                    |         |
| 15,737.91                  | 6,870.00            | 15,597.72           | 6,862.22            | 252.10          | 250.19      | -89.26                | 258.26                            | -7,911.53  | 604.11               | 101.98                | 502.14                  | 1.203 Level 2     |                    |         |
| 15,738.53                  | 6,869.99            | 15,598.34           | 6,862.21            | 252.11          | 250.21      | -89.26                | 258.24                            | -7,912.15  | 604.11               | 101.94                | 502.17                  | 1.203 Level 2, SF |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.41               | -119.49                           | -11.69     | 120.06               |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.41               | -119.49                           | -11.69     | 120.06               | 113.49                | 6.57                    | 18.276            |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.41               | -119.49                           | -11.69     | 120.06               | 113.39                | 6.67                    | 17.989            |                    |         |
| 300.00                     | 300.00              | 300.00              | 300.00              | 3.44            | 3.44        | -174.41               | -119.49                           | -11.69     | 120.06               | 113.17                | 6.89                    | 17.426 CC, ES     |                    |         |
| 400.00                     | 399.98              | 398.66              | 398.65              | 3.60            | 3.60        | 155.01                | -120.17                           | -10.14     | 122.19               | 114.99                | 7.20                    | 16.970            |                    |         |
| 500.00                     | 499.84              | 497.02              | 496.86              | 3.81            | 3.79        | 153.77                | -122.21                           | -5.49      | 128.59               | 120.99                | 7.60                    | 16.922            |                    |         |
| 550.00                     | 549.68              | 545.98              | 545.68              | 3.93            | 3.90        | 152.93                | -123.72                           | -2.02      | 133.42               | 125.59                | 7.83                    | 17.037            |                    |         |
| 600.00                     | 599.45              | 594.76              | 594.24              | 4.06            | 4.02        | 149.69                | -125.57                           | 2.19       | 139.29               | 131.21                | 8.08                    | 17.240            |                    |         |
| 700.00                     | 698.71              | 691.69              | 690.47              | 4.33            | 4.28        | 144.89                | -130.22                           | 12.80      | 153.99               | 145.37                | 8.62                    | 17.857            |                    |         |
| 800.00                     | 797.49              | 787.62              | 785.26              | 4.64            | 4.57        | 141.29                | -136.10                           | 26.23      | 172.60               | 163.38                | 9.23                    | 18.709            |                    |         |
| 900.00                     | 895.68              | 882.34              | 878.34              | 4.97            | 4.89        | 138.41                | -143.15                           | 42.34      | 195.08               | 185.21                | 9.88                    | 19.753            |                    |         |
| 1,000.00                   | 993.14              | 975.68              | 969.43              | 5.33            | 5.24        | 136.03                | -151.31                           | 60.96      | 221.35               | 210.79                | 10.57                   | 20.949            |                    |         |
| 1,039.84                   | 1,031.75            | 1,012.45            | 1,005.13            | 5.48            | 5.39        | 135.18                | -154.85                           | 69.04      | 232.85               | 222.00                | 10.85                   | 21.452            |                    |         |
| 1,100.00                   | 1,089.94            | 1,067.58            | 1,058.43            | 5.72            | 5.61        | 134.54                | -160.50                           | 81.94      | 250.93               | 239.64                | 11.29                   | 22.220            |                    |         |
| 1,200.00                   | 1,186.67            | 1,160.60            | 1,147.84            | 6.13            | 6.02        | 133.27                | -170.79                           | 105.44     | 282.02               | 269.97                | 12.05                   | 23.402            |                    |         |
| 1,300.00                   | 1,283.39            | 1,255.40            | 1,238.87            | 6.55            | 6.46        | 132.17                | -181.41                           | 129.68     | 313.38               | 300.53                | 12.85                   | 24.384            |                    |         |
| 1,400.00                   | 1,380.12            | 1,350.20            | 1,329.90            | 6.99            | 6.91        | 131.27                | -192.02                           | 153.92     | 344.83               | 331.15                | 13.68                   | 25.207            |                    |         |
| 1,500.00                   | 1,476.85            | 1,445.00            | 1,420.94            | 7.45            | 7.38        | 130.53                | -202.64                           | 178.17     | 376.34               | 361.81                | 14.53                   | 25.900            |                    |         |
| 1,600.00                   | 1,573.57            | 1,539.80            | 1,511.97            | 7.90            | 7.86        | 129.90                | -213.26                           | 202.41     | 407.90               | 392.50                | 15.40                   | 26.487            |                    |         |
| 1,700.00                   | 1,670.30            | 1,634.60            | 1,603.00            | 8.37            | 8.35        | 129.36                | -223.87                           | 226.65     | 439.50               | 423.21                | 16.29                   | 26.987            |                    |         |
| 1,800.00                   | 1,767.03            | 1,729.40            | 1,694.03            | 8.85            | 8.85        | 128.89                | -234.49                           | 250.89     | 471.12               | 453.94                | 17.18                   | 27.416            |                    |         |
| 1,900.00                   | 1,863.75            | 1,824.20            | 1,785.06            | 9.32            | 9.35        | 128.48                | -245.11                           | 275.13     | 502.78               | 484.68                | 18.09                   | 27.786            |                    |         |
| 2,000.00                   | 1,960.48            | 1,919.01            | 1,876.10            | 9.81            | 9.86        | 128.12                | -255.72                           | 299.37     | 534.45               | 515.44                | 19.02                   | 28.106            |                    |         |
| 2,100.00                   | 2,057.21            | 2,013.81            | 1,967.13            | 10.29           | 10.37       | 127.80                | -266.34                           | 323.61     | 566.14               | 546.20                | 19.94                   | 28.386            |                    |         |
| 2,200.00                   | 2,153.93            | 2,108.61            | 2,058.16            | 10.78           | 10.89       | 127.51                | -276.95                           | 347.85     | 597.85               | 576.97                | 20.88                   | 28.632            |                    |         |
| 2,300.00                   | 2,250.66            | 2,203.41            | 2,149.19            | 11.28           | 11.41       | 127.25                | -287.57                           | 372.09     | 629.56               | 607.74                | 21.82                   | 28.848            |                    |         |
| 2,400.00                   | 2,347.39            | 2,301.79            | 2,240.22            | 11.77           | 11.96       | 127.02                | -298.19                           | 396.33     | 661.29               | 638.50                | 22.79                   | 29.016            |                    |         |
| 2,500.00                   | 2,444.11            | 2,406.99            | 2,331.26            | 12.27           | 12.54       | 126.81                | -308.80                           | 420.57     | 693.03               | 669.23                | 23.80                   | 29.120            |                    |         |
| 2,600.00                   | 2,540.84            | 2,487.81            | 2,422.29            | 12.77           | 13.00       | 126.61                | -319.42                           | 444.82     | 724.77               | 700.09                | 24.68                   | 29.363            |                    |         |
| 2,700.00                   | 2,637.57            | 2,582.61            | 2,513.32            | 13.27           | 13.53       | 126.44                | -330.04                           | 469.06     | 756.52               | 730.88                | 25.65                   | 29.500            |                    |         |
| 2,800.00                   | 2,734.30            | 2,677.41            | 2,604.35            | 13.78           | 14.06       | 126.27                | -340.65                           | 493.30     | 788.28               | 761.67                | 26.61                   | 29.623            |                    |         |
| 2,900.00                   | 2,831.02            | 2,772.21            | 2,695.38            | 14.28           | 14.60       | 126.12                | -351.27                           | 517.54     | 820.04               | 792.46                | 27.58                   | 29.734            |                    |         |
| 3,000.00                   | 2,927.75            | 2,867.01            | 2,786.42            | 14.79           | 15.13       | 125.98                | -361.89                           | 541.78     | 851.81               | 823.26                | 28.55                   | 29.835            |                    |         |
| 3,100.00                   | 3,024.48            | 2,961.81            | 2,877.45            | 15.29           | 15.67       | 125.85                | -372.50                           | 566.02     | 883.58               | 854.06                | 29.52                   | 29.927            |                    |         |
| 3,200.00                   | 3,121.20            | 3,056.61            | 2,968.48            | 15.80           | 16.21       | 125.73                | -383.12                           | 590.26     | 915.35               | 884.85                | 30.50                   | 30.011            |                    |         |
| 3,300.00                   | 3,217.93            | 3,151.41            | 3,059.51            | 16.31           | 16.75       | 125.62                | -393.74                           | 614.50     | 947.13               | 915.65                | 31.48                   | 30.088            |                    |         |
| 3,400.00                   | 3,314.66            | 3,246.21            | 3,150.54            | 16.82           | 17.30       | 125.52                | -404.35                           | 638.74     | 978.91               | 946.46                | 32.46                   | 30.159            |                    |         |
| 3,500.00                   | 3,411.38            | 3,352.60            | 3,252.84            | 17.33           | 17.90       | 125.43                | -416.07                           | 665.49     | 1,010.45             | 976.90                | 33.56                   | 30.113            |                    |         |
| 3,600.00                   | 3,508.11            | 3,474.34            | 3,371.00            | 17.84           | 18.55       | 125.54                | -427.80                           | 692.28     | 1,039.93             | 1,005.16              | 34.78                   | 29.904            |                    |         |
| 3,700.00                   | 3,604.84            | 3,597.66            | 3,491.86            | 18.36           | 19.16       | 125.88                | -437.62                           | 714.70     | 1,066.96             | 1,031.00              | 35.96                   | 29.668            |                    |         |
| 3,800.00                   | 3,701.56            | 3,722.14            | 3,614.81            | 18.87           | 19.74       | 126.43                | -445.40                           | 732.48     | 1,091.54             | 1,054.43              | 37.10                   | 29.418            |                    |         |
| 3,900.00                   | 3,798.29            | 3,847.31            | 3,739.17            | 19.38           | 20.27       | 127.18                | -451.07                           | 745.41     | 1,113.71             | 1,075.50              | 38.20                   | 29.152            |                    |         |
| 4,000.00                   | 3,895.02            | 3,972.71            | 3,864.26            | 19.89           | 20.77       | 128.13                | -454.55                           | 753.36     | 1,133.55             | 1,094.29              | 39.26                   | 28.874            |                    |         |
| 4,100.00                   | 3,991.74            | 4,097.84            | 3,989.35            | 20.41           | 21.23       | 129.26                | -455.83                           | 756.29     | 1,151.19             | 1,110.93              | 40.26                   | 28.591            |                    |         |
| 4,200.00                   | 4,088.47            | 4,203.03            | 4,088.47            | 20.92           | 21.59       | 130.23                | -455.84                           | 756.31     | 1,167.75             | 1,126.59              | 41.15                   | 28.374            |                    |         |
| 4,300.00                   | 4,185.20            | 4,306.30            | 4,185.20            | 21.44           | 21.94       | 131.15                | -455.84                           | 756.31     | 1,184.60             | 1,142.57              | 42.04                   | 28.181            |                    |         |
| 4,400.00                   | 4,281.92            | 4,409.58            | 4,281.92            | 21.95           | 22.30       | 132.04                | -455.84                           | 756.31     | 1,201.76             | 1,158.85              | 42.92                   | 28.002            |                    |         |
| 4,500.00                   | 4,378.65            | 4,487.15            | 4,378.65            | 22.47           | 22.58       | 132.91                | -455.84                           | 756.31     | 1,219.21             | 1,175.50              | 43.71                   | 27.896            |                    |         |
| 4,600.00                   | 4,475.38            | 4,583.88            | 4,475.38            | 22.99           | 22.92       | 133.76                | -455.84                           | 756.31     | 1,236.93             | 1,192.37              | 44.56                   | 27.757            |                    |         |
| 4,700.00                   | 4,572.10            | 4,680.60            | 4,572.10            | 23.50           | 23.26       | 134.58                | -455.84                           | 756.31     | 1,254.91             | 1,209.49              | 45.42                   | 27.629            |                    |         |
| 4,800.00                   | 4,668.83            | 4,777.33            | 4,668.83            | 24.02           | 23.61       | 135.38                | -455.84                           | 756.31     | 1,273.15             | 1,226.87              | 46.28                   | 27.511            |                    |         |
| 4,900.00                   | 4,765.56            | 4,874.06            | 4,765.56            | 24.53           | 23.96       | 136.16                | -455.84                           | 756.31     | 1,291.62             | 1,244.49              | 47.13                   | 27.403            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                   | 4,862.28            | 4,970.78            | 4,862.28            | 25.05           | 24.31       | 136.92                | -455.84                           | 756.31     | 1,310.33             | 1,262.34              | 47.99                   | 27.303            |                    |         |
| 5,100.00                   | 4,959.01            | 5,067.51            | 4,959.01            | 25.57           | 24.67       | 137.65                | -455.84                           | 756.31     | 1,329.26             | 1,280.41              | 48.85                   | 27.212            |                    |         |
| 5,200.00                   | 5,055.74            | 5,164.24            | 5,055.74            | 26.09           | 25.02       | 138.37                | -455.84                           | 756.31     | 1,348.40             | 1,298.69              | 49.71                   | 27.127            |                    |         |
| 5,300.00                   | 5,152.46            | 5,260.96            | 5,152.46            | 26.60           | 25.38       | 139.07                | -455.84                           | 756.31     | 1,367.74             | 1,317.18              | 50.56                   | 27.050            |                    |         |
| 5,400.00                   | 5,249.19            | 5,357.69            | 5,249.19            | 27.12           | 25.74       | 139.74                | -455.84                           | 756.31     | 1,387.28             | 1,335.86              | 51.42                   | 26.978            |                    |         |
| 5,500.00                   | 5,345.92            | 5,454.42            | 5,345.92            | 27.64           | 26.10       | 140.40                | -455.84                           | 756.31     | 1,407.00             | 1,354.72              | 52.28                   | 26.913            |                    |         |
| 5,600.00                   | 5,442.65            | 5,551.14            | 5,442.65            | 28.16           | 26.47       | 141.04                | -455.84                           | 756.31     | 1,426.90             | 1,373.76              | 53.14                   | 26.853            |                    |         |
| 5,700.00                   | 5,539.37            | 5,647.87            | 5,539.37            | 28.68           | 26.83       | 141.67                | -455.84                           | 756.31     | 1,446.98             | 1,392.98              | 54.00                   | 26.797            |                    |         |
| 5,800.00                   | 5,636.10            | 5,744.60            | 5,636.10            | 29.20           | 27.20       | 142.28                | -455.84                           | 756.31     | 1,467.21             | 1,412.36              | 54.86                   | 26.747            |                    |         |
| 5,900.00                   | 5,732.83            | 5,841.32            | 5,732.83            | 29.71           | 27.57       | 142.87                | -455.84                           | 756.31     | 1,487.61             | 1,431.90              | 55.72                   | 26.700            |                    |         |
| 6,000.00                   | 5,829.55            | 5,938.05            | 5,829.55            | 30.23           | 27.94       | 143.44                | -455.84                           | 756.31     | 1,508.16             | 1,451.58              | 56.57                   | 26.658            |                    |         |
| 6,100.00                   | 5,926.28            | 6,034.78            | 5,926.28            | 30.75           | 28.32       | 144.00                | -455.84                           | 756.31     | 1,528.85             | 1,471.41              | 57.43                   | 26.619            |                    |         |
| 6,200.00                   | 6,023.01            | 6,131.50            | 6,023.01            | 31.27           | 28.69       | 144.55                | -455.84                           | 756.31     | 1,549.68             | 1,491.38              | 58.29                   | 26.584            |                    |         |
| 6,300.00                   | 6,119.73            | 6,228.23            | 6,119.73            | 31.79           | 29.07       | 145.08                | -455.84                           | 756.31     | 1,570.64             | 1,511.49              | 59.16                   | 26.551            |                    |         |
| 6,397.75                   | 6,214.28            | 6,322.78            | 6,214.28            | 32.30           | 29.43       | 145.58                | -455.84                           | 756.31     | 1,591.26             | 1,531.26              | 60.00                   | 26.522            |                    |         |
| 6,400.00                   | 6,216.46            | 6,324.96            | 6,216.46            | 32.31           | 29.44       | 146.23                | -455.84                           | 756.31     | 1,591.74             | 1,531.72              | 60.02                   | 26.522            |                    |         |
| 6,450.00                   | 6,265.12            | 6,373.62            | 6,265.12            | 32.56           | 29.63       | 163.43                | -455.84                           | 756.31     | 1,602.07             | 1,541.63              | 60.44                   | 26.506            |                    |         |
| 6,500.00                   | 6,314.12            | 6,422.62            | 6,314.12            | 32.78           | 29.82       | -174.19               | -455.84                           | 756.31     | 1,611.90             | 1,551.04              | 60.85                   | 26.488            |                    |         |
| 6,550.00                   | 6,363.16            | 6,471.66            | 6,363.16            | 32.99           | 30.02       | -151.20               | -455.84                           | 756.31     | 1,621.14             | 1,559.88              | 61.26                   | 26.464            |                    |         |
| 6,600.00                   | 6,411.94            | 6,520.44            | 6,411.94            | 33.18           | 30.21       | -133.12               | -455.84                           | 756.31     | 1,629.78             | 1,568.12              | 61.66                   | 26.433            |                    |         |
| 6,650.00                   | 6,460.15            | 6,568.65            | 6,460.15            | 33.35           | 30.40       | -120.79               | -455.84                           | 756.31     | 1,637.79             | 1,575.74              | 62.05                   | 26.394            |                    |         |
| 6,700.00                   | 6,507.49            | 6,615.99            | 6,507.49            | 33.52           | 30.58       | -112.61               | -455.84                           | 756.31     | 1,645.21             | 1,582.76              | 62.44                   | 26.347            |                    |         |
| 6,750.00                   | 6,553.69            | 6,657.38            | 6,548.88            | 33.69           | 30.74       | -107.01               | -455.85                           | 756.07     | 1,652.11             | 1,589.31              | 62.80                   | 26.307            |                    |         |
| 6,800.00                   | 6,598.44            | 6,693.72            | 6,585.15            | 33.85           | 30.88       | -102.99               | -455.91                           | 754.04     | 1,658.74             | 1,595.61              | 63.13                   | 26.276            |                    |         |
| 6,850.00                   | 6,641.47            | 6,730.63            | 6,621.83            | 34.02           | 31.02       | -100.05               | -456.05                           | 749.86     | 1,665.12             | 1,601.65              | 63.47                   | 26.234            |                    |         |
| 6,900.00                   | 6,682.53            | 6,768.21            | 6,658.85            | 34.19           | 31.16       | -97.86                | -456.26                           | 743.44     | 1,671.24             | 1,607.40              | 63.84                   | 26.179            |                    |         |
| 6,950.00                   | 6,721.35            | 6,806.54            | 6,696.15            | 34.38           | 31.31       | -96.21                | -456.54                           | 734.65     | 1,677.08             | 1,612.84              | 64.24                   | 26.108            |                    |         |
| 7,000.00                   | 6,757.70            | 6,845.73            | 6,733.67            | 34.57           | 31.47       | -94.98                | -456.91                           | 723.35     | 1,682.64             | 1,617.97              | 64.67                   | 26.019            |                    |         |
| 7,050.00                   | 6,791.35            | 6,885.89            | 6,771.32            | 34.79           | 31.64       | -94.08                | -457.36                           | 709.41     | 1,687.91             | 1,622.76              | 65.15                   | 25.909            |                    |         |
| 7,100.00                   | 6,822.10            | 6,927.16            | 6,809.02            | 35.03           | 31.82       | -93.44                | -457.90                           | 692.64     | 1,692.86             | 1,627.19              | 65.67                   | 25.778            |                    |         |
| 7,150.00                   | 6,849.75            | 6,969.69            | 6,846.65            | 35.30           | 32.01       | -93.03                | -458.54                           | 672.85     | 1,697.51             | 1,631.26              | 66.25                   | 25.622            |                    |         |
| 7,200.00                   | 6,874.14            | 7,013.65            | 6,884.06            | 35.61           | 32.22       | -92.81                | -459.28                           | 649.79     | 1,701.83             | 1,634.94              | 66.89                   | 25.443            |                    |         |
| 7,250.00                   | 6,895.11            | 7,059.25            | 6,921.08            | 35.95           | 32.46       | -92.77                | -460.14                           | 623.22     | 1,705.81             | 1,638.22              | 67.59                   | 25.239            |                    |         |
| 7,300.00                   | 6,912.54            | 7,106.70            | 6,957.49            | 36.34           | 32.72       | -92.89                | -461.13                           | 592.82     | 1,709.44             | 1,641.09              | 68.35                   | 25.011            |                    |         |
| 7,350.00                   | 6,926.31            | 7,156.26            | 6,993.00            | 36.77           | 33.02       | -93.17                | -462.24                           | 558.27     | 1,712.70             | 1,643.52              | 69.18                   | 24.758            |                    |         |
| 7,400.00                   | 6,936.35            | 7,208.24            | 7,027.22            | 37.25           | 33.37       | -93.59                | -463.51                           | 519.19     | 1,715.57             | 1,645.49              | 70.08                   | 24.480            |                    |         |
| 7,450.00                   | 6,942.59            | 7,262.95            | 7,059.67            | 37.76           | 33.78       | -94.15                | -464.93                           | 475.18     | 1,718.02             | 1,646.96              | 71.06                   | 24.177            |                    |         |
| 7,500.00                   | 6,944.99            | 7,320.77            | 7,089.72            | 38.31           | 34.25       | -94.85                | -466.52                           | 425.84     | 1,720.02             | 1,647.89              | 72.12                   | 23.849            |                    |         |
| 7,512.10                   | 6,945.00            | 7,335.27            | 7,096.54            | 38.44           | 34.38       | -95.04                | -466.94                           | 413.05     | 1,720.43             | 1,648.04              | 72.39                   | 23.766            |                    |         |
| 7,600.00                   | 6,944.19            | 7,450.39            | 7,140.06            | 39.51           | 35.50       | -96.52                | -470.38                           | 306.70     | 1,722.94             | 1,648.33              | 74.61                   | 23.092            |                    |         |
| 7,700.00                   | 6,943.28            | 7,598.76            | 7,166.74            | 40.90           | 37.24       | -97.45                | -475.08                           | 161.16     | 1,723.93             | 1,646.15              | 77.78                   | 22.165            |                    |         |
| 7,800.00                   | 6,942.37            | 7,716.50            | 7,167.03            | 42.44           | 38.81       | -97.50                | -478.88                           | 43.51      | 1,722.66             | 1,641.71              | 80.94                   | 21.283            |                    |         |
| 7,900.00                   | 6,941.46            | 7,816.49            | 7,165.59            | 44.11           | 40.31       | -97.49                | -482.12                           | -56.41     | 1,721.21             | 1,637.07              | 84.14                   | 20.457            |                    |         |
| 8,000.00                   | 6,940.55            | 7,916.48            | 7,164.15            | 45.90           | 41.94       | -97.48                | -485.35                           | -156.34    | 1,719.77             | 1,632.18              | 87.59                   | 19.635            |                    |         |
| 8,100.00                   | 6,939.64            | 8,016.47            | 7,162.70            | 47.80           | 43.71       | -97.47                | -488.58                           | -256.27    | 1,718.32             | 1,627.07              | 91.25                   | 18.831            |                    |         |
| 8,200.00                   | 6,938.72            | 8,116.46            | 7,161.26            | 49.79           | 45.58       | -97.46                | -491.81                           | -356.19    | 1,716.88             | 1,621.77              | 95.11                   | 18.051            |                    |         |
| 8,300.00                   | 6,937.81            | 8,216.45            | 7,159.82            | 51.86           | 47.55       | -97.44                | -495.04                           | -456.12    | 1,715.43             | 1,616.29              | 99.14                   | 17.302            |                    |         |
| 8,400.00                   | 6,936.90            | 8,316.44            | 7,158.37            | 54.01           | 49.61       | -97.43                | -498.27                           | -556.05    | 1,713.99             | 1,610.66              | 103.33                  | 16.588            |                    |         |
| 8,500.00                   | 6,935.99            | 8,416.43            | 7,156.93            | 56.21           | 51.74       | -97.42                | -501.50                           | -655.97    | 1,712.55             | 1,604.90              | 107.65                  | 15.909            |                    |         |
| 8,600.00                   | 6,935.08            | 8,516.42            | 7,155.49            | 58.47           | 53.94       | -97.41                | -504.73                           | -755.90    | 1,711.10             | 1,599.02              | 112.08                  | 15.266            |                    |         |
| 8,700.00                   | 6,934.17            | 8,616.40            | 7,154.05            | 60.78           | 56.20       | -97.40                | -507.96                           | -855.82    | 1,709.66             | 1,593.03              | 116.63                  | 14.659            |                    |         |
| 8,800.00                   | 6,933.25            | 8,716.39            | 7,152.60            | 63.13           | 58.50       | -97.39                | -511.19                           | -955.75    | 1,708.21             | 1,586.95              | 121.26                  | 14.087            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                   | 6,932.34            | 8,816.38            | 7,151.16            | 65.52           | 60.86       | -97.37                | -514.42                           | -1,055.68  | 1,706.77             | 1,580.79              | 125.98                  | 13.548            |                    |         |
| 9,000.00                   | 6,931.43            | 8,916.37            | 7,149.72            | 67.95           | 63.25       | -97.36                | -517.65                           | -1,155.60  | 1,705.33             | 1,574.56              | 130.77                  | 13.041            |                    |         |
| 9,100.00                   | 6,930.52            | 9,016.36            | 7,148.27            | 70.40           | 65.68       | -97.35                | -520.88                           | -1,255.53  | 1,703.88             | 1,568.26              | 135.63                  | 12.563            |                    |         |
| 9,200.00                   | 6,929.61            | 9,116.35            | 7,146.83            | 72.89           | 68.15       | -97.34                | -524.11                           | -1,355.46  | 1,702.44             | 1,561.90              | 140.54                  | 12.113            |                    |         |
| 9,300.00                   | 6,928.69            | 9,216.34            | 7,145.39            | 75.40           | 70.64       | -97.33                | -527.34                           | -1,455.38  | 1,701.00             | 1,555.48              | 145.51                  | 11.690            |                    |         |
| 9,400.00                   | 6,927.78            | 9,316.33            | 7,143.94            | 77.93           | 73.16       | -97.32                | -530.57                           | -1,555.31  | 1,699.55             | 1,549.02              | 150.53                  | 11.290            |                    |         |
| 9,500.00                   | 6,926.87            | 9,416.32            | 7,142.50            | 80.48           | 75.70       | -97.30                | -533.80                           | -1,655.24  | 1,698.11             | 1,542.52              | 155.59                  | 10.914            |                    |         |
| 9,600.00                   | 6,925.96            | 9,516.31            | 7,141.06            | 83.05           | 78.26       | -97.29                | -537.03                           | -1,755.16  | 1,696.67             | 1,535.97              | 160.69                  | 10.559            |                    |         |
| 9,700.00                   | 6,925.05            | 9,616.29            | 7,139.62            | 85.64           | 80.84       | -97.28                | -540.26                           | -1,855.09  | 1,695.22             | 1,529.40              | 165.83                  | 10.223            |                    |         |
| 9,800.00                   | 6,924.14            | 9,716.28            | 7,138.17            | 88.25           | 83.44       | -97.27                | -543.49                           | -1,955.01  | 1,693.78             | 1,522.78              | 170.99                  | 9.905             |                    |         |
| 9,900.00                   | 6,923.22            | 9,816.27            | 7,136.73            | 90.86           | 86.05       | -97.26                | -546.73                           | -2,054.94  | 1,692.34             | 1,516.14              | 176.19                  | 9.605             |                    |         |
| 10,000.00                  | 6,922.31            | 9,916.26            | 7,135.29            | 93.50           | 88.68       | -97.24                | -549.96                           | -2,154.87  | 1,690.89             | 1,509.48              | 181.42                  | 9.320             |                    |         |
| 10,100.00                  | 6,921.40            | 10,016.25           | 7,133.84            | 96.14           | 91.32       | -97.23                | -553.19                           | -2,254.79  | 1,689.45             | 1,502.78              | 186.67                  | 9.051             |                    |         |
| 10,200.00                  | 6,920.49            | 10,116.24           | 7,132.40            | 98.79           | 93.97       | -97.22                | -556.42                           | -2,354.72  | 1,688.01             | 1,496.07              | 191.94                  | 8.795             |                    |         |
| 10,300.00                  | 6,919.58            | 10,216.23           | 7,130.96            | 101.45          | 96.63       | -97.21                | -559.65                           | -2,454.65  | 1,686.56             | 1,489.33              | 197.23                  | 8.551             |                    |         |
| 10,400.00                  | 6,918.67            | 10,316.22           | 7,129.52            | 104.13          | 99.31       | -97.20                | -562.88                           | -2,554.57  | 1,685.12             | 1,482.58              | 202.54                  | 8.320             |                    |         |
| 10,500.00                  | 6,917.75            | 10,416.21           | 7,128.07            | 106.81          | 101.99      | -97.18                | -566.11                           | -2,654.50  | 1,683.68             | 1,475.80              | 207.87                  | 8.099             |                    |         |
| 10,600.00                  | 6,916.84            | 10,516.20           | 7,126.63            | 109.50          | 104.68      | -97.17                | -569.34                           | -2,754.43  | 1,682.24             | 1,469.01              | 213.22                  | 7.890             |                    |         |
| 10,700.00                  | 6,915.93            | 10,616.18           | 7,125.19            | 112.19          | 107.38      | -97.16                | -572.57                           | -2,854.35  | 1,680.79             | 1,462.21              | 218.58                  | 7.689             |                    |         |
| 10,800.00                  | 6,915.02            | 10,716.17           | 7,123.74            | 114.90          | 110.08      | -97.15                | -575.80                           | -2,954.28  | 1,679.35             | 1,455.39              | 223.96                  | 7.498             |                    |         |
| 10,900.00                  | 6,914.11            | 10,816.16           | 7,122.30            | 117.61          | 112.80      | -97.14                | -579.03                           | -3,054.20  | 1,677.91             | 1,448.56              | 229.35                  | 7.316             |                    |         |
| 11,000.00                  | 6,913.20            | 10,916.15           | 7,120.86            | 120.32          | 115.52      | -97.12                | -582.26                           | -3,154.13  | 1,676.47             | 1,441.71              | 234.75                  | 7.141             |                    |         |
| 11,100.00                  | 6,912.28            | 11,016.14           | 7,119.42            | 123.04          | 118.24      | -97.11                | -585.49                           | -3,254.06  | 1,675.02             | 1,434.86              | 240.17                  | 6.974             |                    |         |
| 11,200.00                  | 6,911.37            | 11,116.13           | 7,117.97            | 125.77          | 120.97      | -97.10                | -588.72                           | -3,353.98  | 1,673.58             | 1,427.99              | 245.59                  | 6.814             |                    |         |
| 11,300.00                  | 6,910.46            | 11,216.12           | 7,116.53            | 128.50          | 123.71      | -97.09                | -591.95                           | -3,453.91  | 1,672.14             | 1,421.11              | 251.03                  | 6.661             |                    |         |
| 11,400.00                  | 6,909.55            | 11,316.11           | 7,115.09            | 131.24          | 126.45      | -97.08                | -595.18                           | -3,553.84  | 1,670.70             | 1,414.23              | 256.47                  | 6.514             |                    |         |
| 11,500.00                  | 6,908.64            | 11,416.10           | 7,113.64            | 133.98          | 129.19      | -97.06                | -598.41                           | -3,653.76  | 1,669.26             | 1,407.33              | 261.93                  | 6.373             |                    |         |
| 11,600.00                  | 6,907.73            | 11,516.08           | 7,112.20            | 136.72          | 131.94      | -97.05                | -601.64                           | -3,753.69  | 1,667.81             | 1,400.43              | 267.39                  | 6.237             |                    |         |
| 11,700.00                  | 6,906.81            | 11,616.07           | 7,110.76            | 139.47          | 134.69      | -97.04                | -604.87                           | -3,853.62  | 1,666.37             | 1,393.52              | 272.86                  | 6.107             |                    |         |
| 11,800.00                  | 6,905.90            | 11,716.06           | 7,109.31            | 142.22          | 137.45      | -97.03                | -608.10                           | -3,953.54  | 1,664.93             | 1,386.60              | 278.33                  | 5.982             |                    |         |
| 11,900.00                  | 6,904.99            | 11,816.05           | 7,107.87            | 144.97          | 140.21      | -97.01                | -611.34                           | -4,053.47  | 1,663.49             | 1,379.67              | 283.82                  | 5.861             |                    |         |
| 12,000.00                  | 6,904.08            | 11,916.04           | 7,106.43            | 147.73          | 142.97      | -97.00                | -614.57                           | -4,153.39  | 1,662.05             | 1,372.74              | 289.31                  | 5.745             |                    |         |
| 12,100.00                  | 6,903.17            | 12,016.03           | 7,104.99            | 150.49          | 145.74      | -96.99                | -617.80                           | -4,253.32  | 1,660.61             | 1,365.80              | 294.81                  | 5.633             |                    |         |
| 12,200.00                  | 6,902.26            | 12,116.02           | 7,103.54            | 153.26          | 148.51      | -96.98                | -621.03                           | -4,353.25  | 1,659.17             | 1,358.86              | 300.31                  | 5.525             |                    |         |
| 12,300.00                  | 6,901.34            | 12,216.01           | 7,102.10            | 156.02          | 151.28      | -96.96                | -624.26                           | -4,453.17  | 1,657.72             | 1,351.91              | 305.82                  | 5.421             |                    |         |
| 12,400.00                  | 6,900.43            | 12,316.00           | 7,100.66            | 158.79          | 154.05      | -96.95                | -627.49                           | -4,553.10  | 1,656.28             | 1,344.95              | 311.33                  | 5.320             |                    |         |
| 12,500.00                  | 6,899.52            | 12,415.99           | 7,099.21            | 161.56          | 156.83      | -96.94                | -630.72                           | -4,653.03  | 1,654.84             | 1,337.99              | 316.85                  | 5.223             |                    |         |
| 12,600.00                  | 6,898.61            | 12,515.97           | 7,097.77            | 164.34          | 159.61      | -96.93                | -633.95                           | -4,752.95  | 1,653.40             | 1,331.03              | 322.38                  | 5.129             |                    |         |
| 12,700.00                  | 6,897.70            | 12,615.96           | 7,096.33            | 167.11          | 162.39      | -96.91                | -637.18                           | -4,852.88  | 1,651.96             | 1,324.06              | 327.90                  | 5.038             |                    |         |
| 12,800.00                  | 6,896.79            | 12,715.95           | 7,094.89            | 169.89          | 165.18      | -96.90                | -640.41                           | -4,952.81  | 1,650.52             | 1,317.08              | 333.44                  | 4.950             |                    |         |
| 12,900.00                  | 6,895.87            | 12,815.94           | 7,093.44            | 172.67          | 167.96      | -96.89                | -643.64                           | -5,052.73  | 1,649.08             | 1,310.10              | 338.97                  | 4.865             |                    |         |
| 13,000.00                  | 6,894.96            | 12,915.93           | 7,092.00            | 175.45          | 170.75      | -96.88                | -646.87                           | -5,152.66  | 1,647.64             | 1,303.12              | 344.52                  | 4.782             |                    |         |
| 13,100.00                  | 6,894.05            | 13,015.92           | 7,090.56            | 178.23          | 173.54      | -96.86                | -650.10                           | -5,252.58  | 1,646.20             | 1,296.14              | 350.06                  | 4.703             |                    |         |
| 13,200.00                  | 6,893.14            | 13,115.91           | 7,089.11            | 181.02          | 176.33      | -96.85                | -653.33                           | -5,352.51  | 1,644.76             | 1,289.15              | 355.61                  | 4.625             |                    |         |
| 13,300.00                  | 6,892.23            | 13,215.90           | 7,087.67            | 183.80          | 179.12      | -96.84                | -656.56                           | -5,452.44  | 1,643.32             | 1,282.15              | 361.16                  | 4.550             |                    |         |
| 13,400.00                  | 6,891.31            | 13,315.89           | 7,086.23            | 186.59          | 181.92      | -96.83                | -659.79                           | -5,552.36  | 1,641.88             | 1,275.16              | 366.72                  | 4.477             |                    |         |
| 13,500.00                  | 6,890.40            | 13,415.88           | 7,084.79            | 189.38          | 184.71      | -96.81                | -663.02                           | -5,652.29  | 1,640.44             | 1,268.16              | 372.28                  | 4.406             |                    |         |
| 13,600.00                  | 6,889.49            | 13,515.86           | 7,083.34            | 192.17          | 187.51      | -96.80                | -666.25                           | -5,752.22  | 1,639.00             | 1,261.16              | 377.84                  | 4.338             |                    |         |
| 13,700.00                  | 6,888.58            | 13,615.85           | 7,081.90            | 194.97          | 190.31      | -96.79                | -669.48                           | -5,852.14  | 1,637.56             | 1,254.15              | 383.40                  | 4.271             |                    |         |
| 13,800.00                  | 6,887.67            | 13,715.84           | 7,080.46            | 197.76          | 193.11      | -96.78                | -672.71                           | -5,952.07  | 1,636.12             | 1,247.14              | 388.97                  | 4.206             |                    |         |
| 13,900.00                  | 6,886.76            | 13,815.83           | 7,079.01            | 200.56          | 195.91      | -96.76                | -675.95                           | -6,051.99  | 1,634.68             | 1,240.13              | 394.54                  | 4.143             |                    |         |
| 14,000.00                  | 6,885.84            | 13,915.82           | 7,077.57            | 203.35          | 198.71      | -96.75                | -679.18                           | -6,151.92  | 1,633.24             | 1,233.12              | 400.12                  | 4.082             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,100.00                  | 6,884.93            | 14,015.81           | 7,076.13            | 206.15          | 201.52      | -96.74                | -682.41                           | -6,251.85  | 1,631.80             | 1,226.10              | 405.69                  | 4.022             |                    |         |
| 14,200.00                  | 6,884.02            | 14,115.80           | 7,074.68            | 208.95          | 204.32      | -96.72                | -685.64                           | -6,351.77  | 1,630.36             | 1,219.08              | 411.27                  | 3.964             |                    |         |
| 14,300.00                  | 6,883.11            | 14,215.79           | 7,073.24            | 211.75          | 207.13      | -96.71                | -688.87                           | -6,451.70  | 1,628.92             | 1,212.06              | 416.85                  | 3.908             |                    |         |
| 14,400.00                  | 6,882.20            | 14,315.78           | 7,071.80            | 214.55          | 209.93      | -96.70                | -692.10                           | -6,551.63  | 1,627.48             | 1,205.04              | 422.43                  | 3.853             |                    |         |
| 14,500.00                  | 6,881.29            | 14,415.77           | 7,070.36            | 217.35          | 212.74      | -96.69                | -695.33                           | -6,651.55  | 1,626.04             | 1,198.02              | 428.02                  | 3.799             |                    |         |
| 14,600.00                  | 6,880.37            | 14,515.75           | 7,068.91            | 220.15          | 215.55      | -96.67                | -698.56                           | -6,751.48  | 1,624.60             | 1,190.99              | 433.61                  | 3.747             |                    |         |
| 14,700.00                  | 6,879.46            | 14,615.74           | 7,067.47            | 222.95          | 218.36      | -96.66                | -701.79                           | -6,851.41  | 1,623.16             | 1,183.96              | 439.20                  | 3.696             |                    |         |
| 14,800.00                  | 6,878.55            | 14,715.73           | 7,066.03            | 225.76          | 221.17      | -96.65                | -705.02                           | -6,951.33  | 1,621.72             | 1,176.93              | 444.79                  | 3.646             |                    |         |
| 14,900.00                  | 6,877.64            | 14,815.72           | 7,064.58            | 228.56          | 223.98      | -96.63                | -708.25                           | -7,051.26  | 1,620.28             | 1,169.90              | 450.38                  | 3.598             |                    |         |
| 15,000.00                  | 6,876.73            | 14,915.71           | 7,063.14            | 231.37          | 226.79      | -96.62                | -711.48                           | -7,151.18  | 1,618.84             | 1,162.86              | 455.98                  | 3.550             |                    |         |
| 15,100.00                  | 6,875.82            | 15,015.70           | 7,061.70            | 234.18          | 229.60      | -96.61                | -714.71                           | -7,251.11  | 1,617.40             | 1,155.83              | 461.57                  | 3.504             |                    |         |
| 15,200.00                  | 6,874.90            | 15,115.69           | 7,060.26            | 236.98          | 232.42      | -96.59                | -717.94                           | -7,351.04  | 1,615.96             | 1,148.79              | 467.17                  | 3.459             |                    |         |
| 15,300.00                  | 6,873.99            | 15,215.68           | 7,058.81            | 239.79          | 235.23      | -96.58                | -721.17                           | -7,450.96  | 1,614.52             | 1,141.75              | 472.77                  | 3.415             |                    |         |
| 15,400.00                  | 6,873.08            | 15,315.67           | 7,057.37            | 242.60          | 238.05      | -96.57                | -724.40                           | -7,550.89  | 1,613.09             | 1,134.71              | 478.37                  | 3.372             |                    |         |
| 15,500.00                  | 6,872.17            | 15,415.65           | 7,055.93            | 245.41          | 240.86      | -96.56                | -727.63                           | -7,650.82  | 1,611.65             | 1,127.67              | 483.98                  | 3.330             |                    |         |
| 15,600.00                  | 6,871.26            | 15,515.64           | 7,054.48            | 248.22          | 243.68      | -96.54                | -730.86                           | -7,750.74  | 1,610.21             | 1,120.63              | 489.58                  | 3.289             |                    |         |
| 15,700.00                  | 6,870.35            | 15,615.63           | 7,053.04            | 251.03          | 246.50      | -96.53                | -734.09                           | -7,850.67  | 1,608.77             | 1,113.58              | 495.19                  | 3.249             |                    |         |
| 15,737.91                  | 6,870.00            | 15,653.53           | 7,052.49            | 252.10          | 247.56      | -96.52                | -735.32                           | -7,888.55  | 1,608.22             | 1,110.91              | 497.31                  | 3.234             |                    |         |
| 15,738.53                  | 6,869.99            | 15,654.15           | 7,052.49            | 252.11          | 247.58      | -96.52                | -735.34                           | -7,889.17  | 1,608.22             | 1,110.87              | 497.35                  | 3.234 SF          |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.37               | -104.55                           | -10.30     | 105.06               |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.37               | -104.55                           | -10.30     | 105.06               | 98.49                 | 6.57                    | 15.992            |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.37               | -104.55                           | -10.30     | 105.06               | 98.39                 | 6.67                    | 15.742 CC         |                    |         |
| 300.00                     | 300.00              | 299.74              | 299.72              | 3.44            | 3.44        | -175.32               | -104.83                           | -8.58      | 105.18               | 98.29                 | 6.89                    | 15.273 ES         |                    |         |
| 400.00                     | 399.98              | 399.27              | 399.11              | 3.60            | 3.60        | 152.15                | -105.64                           | -3.46      | 107.24               | 100.04                | 7.20                    | 14.897            |                    |         |
| 500.00                     | 499.84              | 498.37              | 497.83              | 3.81            | 3.80        | 148.99                | -106.98                           | 5.03       | 113.05               | 105.44                | 7.61                    | 14.864            |                    |         |
| 550.00                     | 549.68              | 547.69              | 546.84              | 3.93            | 3.92        | 147.23                | -107.85                           | 10.51      | 117.42               | 109.58                | 7.84                    | 14.974            |                    |         |
| 600.00                     | 599.45              | 603.04              | 595.69              | 4.06            | 4.06        | 143.17                | -108.85                           | 16.79      | 122.73               | 114.62                | 8.11                    | 15.131            |                    |         |
| 700.00                     | 698.71              | 703.99              | 693.85              | 4.33            | 4.34        | 137.78                | -110.92                           | 29.88      | 135.40               | 126.72                | 8.67                    | 15.612            |                    |         |
| 800.00                     | 797.49              | 805.14              | 791.81              | 4.64            | 4.66        | 134.95                | -112.99                           | 42.95      | 150.36               | 141.06                | 9.29                    | 16.178            |                    |         |
| 900.00                     | 895.68              | 893.38              | 889.44              | 4.97            | 4.96        | 133.79                | -115.05                           | 55.97      | 167.46               | 157.54                | 9.92                    | 16.878            |                    |         |
| 1,000.00                   | 993.14              | 1,008.55            | 986.63              | 5.33            | 5.37        | 133.72                | -117.10                           | 68.93      | 186.70               | 176.02                | 10.69                   | 17.469            |                    |         |
| 1,039.84                   | 1,031.75            | 1,030.37            | 1,025.21            | 5.48            | 5.45        | 133.92                | -117.92                           | 74.08      | 194.99               | 184.07                | 10.92                   | 17.859            |                    |         |
| 1,100.00                   | 1,089.94            | 1,089.07            | 1,083.38            | 5.72            | 5.67        | 134.81                | -119.15                           | 81.83      | 207.80               | 196.43                | 11.37                   | 18.284            |                    |         |
| 1,200.00                   | 1,186.67            | 1,186.64            | 1,180.07            | 6.13            | 6.04        | 136.08                | -121.19                           | 94.73      | 229.18               | 217.05                | 12.13                   | 18.893            |                    |         |
| 1,300.00                   | 1,283.39            | 1,284.22            | 1,276.77            | 6.55            | 6.43        | 137.13                | -123.23                           | 107.63     | 250.65               | 237.73                | 12.92                   | 19.401            |                    |         |
| 1,400.00                   | 1,380.12            | 1,381.79            | 1,373.47            | 6.99            | 6.83        | 138.01                | -125.27                           | 120.52     | 272.19               | 258.46                | 13.73                   | 19.825            |                    |         |
| 1,500.00                   | 1,476.85            | 1,479.36            | 1,470.16            | 7.45            | 7.23        | 138.76                | -127.32                           | 133.42     | 293.78               | 279.23                | 14.56                   | 20.182            |                    |         |
| 1,600.00                   | 1,573.57            | 1,576.94            | 1,566.86            | 7.90            | 7.64        | 139.41                | -129.36                           | 146.31     | 315.41               | 300.02                | 15.40                   | 20.485            |                    |         |
| 1,700.00                   | 1,670.30            | 1,674.51            | 1,663.55            | 8.37            | 8.05        | 139.98                | -131.40                           | 159.21     | 337.08               | 320.83                | 16.25                   | 20.744            |                    |         |
| 1,800.00                   | 1,767.03            | 1,772.08            | 1,760.25            | 8.85            | 8.47        | 140.48                | -133.44                           | 172.11     | 358.78               | 341.66                | 17.11                   | 20.966            |                    |         |
| 1,900.00                   | 1,863.75            | 1,869.66            | 1,856.95            | 9.32            | 8.89        | 140.92                | -135.49                           | 185.00     | 380.49               | 362.51                | 17.98                   | 21.157            |                    |         |
| 2,000.00                   | 1,960.48            | 1,967.23            | 1,953.64            | 9.81            | 9.31        | 141.31                | -137.53                           | 197.90     | 402.23               | 383.37                | 18.86                   | 21.324            |                    |         |
| 2,100.00                   | 2,057.21            | 2,064.81            | 2,050.34            | 10.29           | 9.74        | 141.67                | -139.57                           | 210.79     | 423.98               | 404.24                | 19.75                   | 21.470            |                    |         |
| 2,200.00                   | 2,153.93            | 2,162.38            | 2,147.04            | 10.78           | 10.17       | 141.99                | -141.61                           | 223.69     | 445.75               | 425.11                | 20.64                   | 21.598            |                    |         |
| 2,300.00                   | 2,250.66            | 2,259.95            | 2,243.73            | 11.28           | 10.61       | 142.27                | -143.66                           | 236.58     | 467.53               | 446.00                | 21.53                   | 21.711            |                    |         |
| 2,400.00                   | 2,347.39            | 2,357.53            | 2,340.43            | 11.77           | 11.04       | 142.54                | -145.70                           | 249.48     | 489.32               | 466.88                | 22.43                   | 21.811            |                    |         |
| 2,500.00                   | 2,444.11            | 2,455.10            | 2,437.12            | 12.27           | 11.48       | 142.78                | -147.74                           | 262.38     | 511.12               | 487.78                | 23.34                   | 21.900            |                    |         |
| 2,600.00                   | 2,540.84            | 2,552.67            | 2,533.82            | 12.77           | 11.91       | 143.00                | -149.78                           | 275.27     | 532.92               | 508.68                | 24.25                   | 21.980            |                    |         |
| 2,700.00                   | 2,637.57            | 2,650.25            | 2,630.52            | 13.27           | 12.35       | 143.20                | -151.83                           | 288.17     | 554.74               | 529.58                | 25.16                   | 22.052            |                    |         |
| 2,800.00                   | 2,734.30            | 2,747.82            | 2,727.21            | 13.78           | 12.79       | 143.39                | -153.87                           | 301.06     | 576.56               | 550.49                | 26.07                   | 22.117            |                    |         |
| 2,900.00                   | 2,831.02            | 2,845.39            | 2,823.91            | 14.28           | 13.23       | 143.57                | -155.91                           | 313.96     | 598.38               | 571.40                | 26.98                   | 22.176            |                    |         |
| 3,000.00                   | 2,927.75            | 2,942.97            | 2,920.60            | 14.79           | 13.68       | 143.73                | -157.95                           | 326.86     | 620.21               | 592.31                | 27.90                   | 22.229            |                    |         |
| 3,100.00                   | 3,024.48            | 3,040.54            | 3,017.30            | 15.29           | 14.12       | 143.88                | -160.00                           | 339.75     | 642.05               | 613.23                | 28.82                   | 22.278            |                    |         |
| 3,200.00                   | 3,121.20            | 3,138.12            | 3,114.00            | 15.80           | 14.56       | 144.02                | -162.04                           | 352.65     | 663.88               | 634.14                | 29.74                   | 22.322            |                    |         |
| 3,300.00                   | 3,217.93            | 3,235.69            | 3,210.69            | 16.31           | 15.01       | 144.16                | -164.08                           | 365.54     | 685.73               | 655.06                | 30.66                   | 22.362            |                    |         |
| 3,400.00                   | 3,314.66            | 3,333.26            | 3,307.39            | 16.82           | 15.46       | 144.28                | -166.12                           | 378.44     | 707.57               | 675.98                | 31.59                   | 22.400            |                    |         |
| 3,500.00                   | 3,411.38            | 3,430.84            | 3,404.08            | 17.33           | 15.90       | 144.40                | -168.17                           | 391.34     | 729.42               | 696.90                | 32.51                   | 22.434            |                    |         |
| 3,600.00                   | 3,508.11            | 3,528.41            | 3,500.78            | 17.84           | 16.35       | 144.51                | -170.21                           | 404.23     | 751.27               | 717.83                | 33.44                   | 22.466            |                    |         |
| 3,700.00                   | 3,604.84            | 3,625.98            | 3,597.48            | 18.36           | 16.80       | 144.61                | -172.25                           | 417.13     | 773.12               | 738.75                | 34.37                   | 22.495            |                    |         |
| 3,800.00                   | 3,701.56            | 3,723.56            | 3,694.17            | 18.87           | 17.24       | 144.71                | -174.29                           | 430.02     | 794.98               | 759.68                | 35.30                   | 22.522            |                    |         |
| 3,900.00                   | 3,798.29            | 3,821.13            | 3,790.87            | 19.38           | 17.69       | 144.80                | -176.34                           | 442.92     | 816.84               | 780.61                | 36.23                   | 22.547            |                    |         |
| 4,000.00                   | 3,895.02            | 3,918.70            | 3,887.57            | 19.89           | 18.14       | 144.89                | -178.38                           | 455.81     | 838.70               | 801.54                | 37.16                   | 22.571            |                    |         |
| 4,100.00                   | 3,991.74            | 4,016.28            | 3,984.26            | 20.41           | 18.59       | 144.97                | -180.42                           | 468.71     | 860.56               | 822.47                | 38.09                   | 22.592            |                    |         |
| 4,200.00                   | 4,088.47            | 4,113.85            | 4,080.96            | 20.92           | 19.04       | 145.05                | -182.46                           | 481.61     | 882.42               | 843.40                | 39.02                   | 22.613            |                    |         |
| 4,300.00                   | 4,185.20            | 4,211.43            | 4,177.65            | 21.44           | 19.49       | 145.13                | -184.51                           | 494.50     | 904.29               | 864.33                | 39.96                   | 22.632            |                    |         |
| 4,400.00                   | 4,281.92            | 4,309.00            | 4,274.35            | 21.95           | 19.94       | 145.20                | -186.55                           | 507.40     | 926.15               | 885.26                | 40.89                   | 22.650            |                    |         |
| 4,500.00                   | 4,378.65            | 4,406.57            | 4,371.05            | 22.47           | 20.39       | 145.27                | -188.59                           | 520.29     | 948.02               | 906.19                | 41.82                   | 22.666            |                    |         |
| 4,600.00                   | 4,475.38            | 4,504.15            | 4,467.74            | 22.99           | 20.84       | 145.34                | -190.63                           | 533.19     | 969.89               | 927.13                | 42.76                   | 22.682            |                    |         |
| 4,700.00                   | 4,572.10            | 4,601.72            | 4,564.44            | 23.50           | 21.29       | 145.40                | -192.68                           | 546.09     | 991.76               | 948.06                | 43.70                   | 22.697            |                    |         |
| 4,800.00                   | 4,668.83            | 4,700.71            | 4,661.13            | 24.02           | 21.75       | 145.46                | -194.72                           | 558.98     | 1,013.63             | 968.99                | 44.64                   | 22.707            |                    |         |
| 4,900.00                   | 4,765.56            | 4,803.13            | 4,757.83            | 24.53           | 22.22       | 145.52                | -196.76                           | 571.88     | 1,035.50             | 989.90                | 45.60                   | 22.710            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   | Warning            |         |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                   | 4,862.28            | 4,905.56            | 4,854.53            | 25.05           | 22.70       | 145.57                | -198.80                           | 584.77     | 1,057.37             | 1,010.82              | 46.56                   | 22.711            |                    |         |
| 5,100.00                   | 4,959.01            | 5,007.99            | 4,951.22            | 25.57           | 23.17       | 145.62                | -200.85                           | 597.67     | 1,079.25             | 1,031.73              | 47.52                   | 22.713            |                    |         |
| 5,200.00                   | 5,055.74            | 5,089.59            | 5,047.92            | 26.09           | 23.55       | 145.67                | -202.89                           | 610.57     | 1,101.12             | 1,052.74              | 48.38                   | 22.759            |                    |         |
| 5,300.00                   | 5,152.46            | 5,187.16            | 5,144.61            | 26.60           | 24.00       | 145.72                | -204.93                           | 623.46     | 1,123.00             | 1,073.68              | 49.32                   | 22.770            |                    |         |
| 5,400.00                   | 5,249.19            | 5,284.74            | 5,241.31            | 27.12           | 24.45       | 145.77                | -206.97                           | 636.36     | 1,144.87             | 1,094.61              | 50.26                   | 22.779            |                    |         |
| 5,500.00                   | 5,345.92            | 5,382.31            | 5,338.01            | 27.64           | 24.91       | 145.81                | -209.02                           | 649.25     | 1,166.75             | 1,115.55              | 51.20                   | 22.789            |                    |         |
| 5,600.00                   | 5,442.65            | 5,479.88            | 5,434.70            | 28.16           | 25.36       | 145.86                | -211.06                           | 662.15     | 1,188.63             | 1,136.49              | 52.14                   | 22.798            |                    |         |
| 5,700.00                   | 5,539.37            | 5,577.46            | 5,531.40            | 28.68           | 25.81       | 145.90                | -213.10                           | 675.05     | 1,210.51             | 1,157.43              | 53.08                   | 22.806            |                    |         |
| 5,800.00                   | 5,636.10            | 5,675.03            | 5,628.10            | 29.20           | 26.26       | 145.94                | -215.14                           | 687.94     | 1,232.38             | 1,178.37              | 54.02                   | 22.814            |                    |         |
| 5,900.00                   | 5,732.83            | 5,772.60            | 5,724.79            | 29.71           | 26.72       | 145.98                | -217.19                           | 700.84     | 1,254.26             | 1,199.31              | 54.96                   | 22.822            |                    |         |
| 6,000.00                   | 5,829.55            | 5,870.18            | 5,821.49            | 30.23           | 27.17       | 146.02                | -219.23                           | 713.73     | 1,276.14             | 1,220.24              | 55.90                   | 22.829            |                    |         |
| 6,100.00                   | 5,926.28            | 5,967.75            | 5,918.18            | 30.75           | 27.62       | 146.05                | -221.27                           | 726.63     | 1,298.02             | 1,241.18              | 56.84                   | 22.836            |                    |         |
| 6,200.00                   | 6,023.01            | 6,065.32            | 6,014.88            | 31.27           | 28.08       | 146.09                | -223.32                           | 739.52     | 1,319.90             | 1,262.12              | 57.78                   | 22.843            |                    |         |
| 6,300.00                   | 6,119.73            | 6,162.90            | 6,111.58            | 31.79           | 28.53       | 146.12                | -225.36                           | 752.42     | 1,341.79             | 1,283.06              | 58.72                   | 22.850            |                    |         |
| 6,397.75                   | 6,214.28            | 6,258.27            | 6,206.09            | 32.30           | 28.97       | 146.16                | -227.35                           | 765.03     | 1,363.17             | 1,303.53              | 59.64                   | 22.855            |                    |         |
| 6,400.00                   | 6,216.46            | 6,260.47            | 6,208.27            | 32.31           | 28.98       | 146.79                | -227.40                           | 765.32     | 1,363.67             | 1,304.00              | 59.66                   | 22.856            |                    |         |
| 6,450.00                   | 6,265.12            | 6,309.28            | 6,256.64            | 32.56           | 29.21       | 163.77                | -228.42                           | 771.77     | 1,374.34             | 1,314.21              | 60.13                   | 22.857            |                    |         |
| 6,500.00                   | 6,314.12            | 6,345.10            | 6,292.28            | 32.78           | 29.37       | -173.96               | -229.22                           | 775.23     | 1,384.73             | 1,324.27              | 60.45                   | 22.906            |                    |         |
| 6,550.00                   | 6,363.16            | 6,382.12            | 6,329.25            | 32.99           | 29.52       | -150.93               | -230.13                           | 776.71     | 1,394.95             | 1,334.19              | 60.76                   | 22.958            |                    |         |
| 6,600.00                   | 6,411.94            | 6,419.27            | 6,366.38            | 33.18           | 29.66       | -132.68               | -231.12                           | 776.04     | 1,404.95             | 1,343.90              | 61.05                   | 23.012            |                    |         |
| 6,650.00                   | 6,460.15            | 6,456.58            | 6,403.56            | 33.35           | 29.80       | -120.04               | -232.19                           | 773.18     | 1,414.68             | 1,353.35              | 61.34                   | 23.064            |                    |         |
| 6,700.00                   | 6,507.49            | 6,494.11            | 6,440.72            | 33.52           | 29.94       | -111.45               | -233.35                           | 768.12     | 1,424.10             | 1,362.47              | 61.63                   | 23.109            |                    |         |
| 6,750.00                   | 6,553.69            | 6,531.89            | 6,477.77            | 33.69           | 30.08       | -105.42               | -234.58                           | 760.82     | 1,433.15             | 1,371.22              | 61.93                   | 23.143            |                    |         |
| 6,800.00                   | 6,598.44            | 6,569.99            | 6,514.61            | 33.85           | 30.22       | -101.04               | -235.89                           | 751.25     | 1,441.80             | 1,379.56              | 62.24                   | 23.166            |                    |         |
| 6,850.00                   | 6,641.47            | 6,608.44            | 6,551.15            | 34.02           | 30.36       | -97.76                | -237.28                           | 739.37     | 1,450.01             | 1,387.44              | 62.57                   | 23.174            |                    |         |
| 6,900.00                   | 6,682.53            | 6,647.30            | 6,587.27            | 34.19           | 30.51       | -95.25                | -238.75                           | 725.15     | 1,457.74             | 1,394.81              | 62.93                   | 23.164            |                    |         |
| 6,950.00                   | 6,721.35            | 6,686.62            | 6,622.88            | 34.38           | 30.66       | -93.30                | -240.28                           | 708.54     | 1,464.96             | 1,401.64              | 63.32                   | 23.135            |                    |         |
| 7,000.00                   | 6,757.70            | 6,726.46            | 6,657.83            | 34.57           | 30.82       | -91.78                | -241.89                           | 689.51     | 1,471.65             | 1,407.90              | 63.75                   | 23.084            |                    |         |
| 7,050.00                   | 6,791.35            | 6,766.88            | 6,692.00            | 34.79           | 30.99       | -90.61                | -243.58                           | 668.00     | 1,477.78             | 1,413.55              | 64.23                   | 23.008            |                    |         |
| 7,100.00                   | 6,822.10            | 6,807.94            | 6,725.25            | 35.03           | 31.16       | -89.72                | -245.33                           | 643.98     | 1,483.33             | 1,418.57              | 64.76                   | 22.906            |                    |         |
| 7,150.00                   | 6,849.75            | 6,849.71            | 6,757.40            | 35.30           | 31.36       | -89.07                | -247.14                           | 617.39     | 1,488.27             | 1,422.93              | 65.34                   | 22.776            |                    |         |
| 7,200.00                   | 6,874.14            | 6,892.26            | 6,788.29            | 35.61           | 31.57       | -88.64                | -249.02                           | 588.20     | 1,492.59             | 1,426.60              | 66.00                   | 22.616            |                    |         |
| 7,250.00                   | 6,895.11            | 6,935.66            | 6,817.72            | 35.95           | 31.80       | -88.39                | -250.96                           | 556.36     | 1,496.28             | 1,429.56              | 66.72                   | 22.426            |                    |         |
| 7,300.00                   | 6,912.54            | 6,979.99            | 6,845.46            | 36.34           | 32.06       | -88.32                | -252.95                           | 521.86     | 1,499.33             | 1,431.81              | 67.52                   | 22.207            |                    |         |
| 7,350.00                   | 6,926.31            | 7,025.33            | 6,871.27            | 36.77           | 32.36       | -88.42                | -254.99                           | 484.65     | 1,501.72             | 1,433.34              | 68.39                   | 21.960            |                    |         |
| 7,400.00                   | 6,936.35            | 7,071.76            | 6,894.89            | 37.25           | 32.69       | -88.66                | -257.08                           | 444.74     | 1,503.45             | 1,434.12              | 69.33                   | 21.685            |                    |         |
| 7,450.00                   | 6,942.59            | 7,119.38            | 6,916.03            | 37.76           | 33.06       | -89.06                | -259.20                           | 402.13     | 1,504.51             | 1,434.17              | 70.35                   | 21.387            |                    |         |
| 7,500.00                   | 6,944.99            | 7,168.27            | 6,934.35            | 38.31           | 33.48       | -89.60                | -261.34                           | 356.87     | 1,504.91             | 1,433.48              | 71.43                   | 21.067            |                    |         |
| 7,512.10                   | 6,945.00            | 7,180.30            | 6,938.32            | 38.44           | 33.59       | -89.75                | -261.86                           | 345.52     | 1,504.90             | 1,433.20              | 71.71                   | 20.987            |                    |         |
| 7,600.00                   | 6,944.19            | 7,271.81            | 6,961.39            | 39.51           | 34.50       | -90.66                | -265.72                           | 257.14     | 1,504.76             | 1,430.92              | 73.84                   | 20.378            |                    |         |
| 7,700.00                   | 6,943.28            | 7,382.22            | 6,972.03            | 40.90           | 35.76       | -91.10                | -270.03                           | 147.46     | 1,504.24             | 1,427.67              | 76.56                   | 19.647            |                    |         |
| 7,800.00                   | 6,942.37            | 7,483.78            | 6,970.86            | 42.44           | 37.07       | -91.09                | -273.74                           | 45.98      | 1,503.26             | 1,423.81              | 79.46                   | 18.919            |                    |         |
| 7,900.00                   | 6,941.46            | 7,583.78            | 6,969.55            | 44.11           | 38.52       | -91.08                | -277.38                           | -53.94     | 1,502.28             | 1,419.67              | 82.61                   | 18.184            |                    |         |
| 8,000.00                   | 6,940.55            | 7,683.77            | 6,968.23            | 45.90           | 40.13       | -91.06                | -281.03                           | -153.86    | 1,501.30             | 1,415.27              | 86.03                   | 17.450            |                    |         |
| 8,100.00                   | 6,939.64            | 7,783.76            | 6,966.92            | 47.80           | 41.86       | -91.05                | -284.67                           | -253.78    | 1,500.32             | 1,410.64              | 89.68                   | 16.729            |                    |         |
| 8,200.00                   | 6,938.72            | 7,883.76            | 6,965.60            | 49.79           | 43.72       | -91.03                | -288.32                           | -353.70    | 1,499.34             | 1,405.80              | 93.54                   | 16.029            |                    |         |
| 8,300.00                   | 6,937.81            | 7,983.75            | 6,964.29            | 51.86           | 45.67       | -91.02                | -291.96                           | -453.62    | 1,498.36             | 1,400.79              | 97.57                   | 15.357            |                    |         |
| 8,400.00                   | 6,936.90            | 8,083.75            | 6,962.97            | 54.01           | 47.72       | -91.00                | -295.61                           | -553.54    | 1,497.38             | 1,395.62              | 101.76                  | 14.714            |                    |         |
| 8,500.00                   | 6,935.99            | 8,183.74            | 6,961.66            | 56.21           | 49.84       | -90.99                | -299.25                           | -653.46    | 1,496.40             | 1,390.31              | 106.10                  | 14.104            |                    |         |
| 8,600.00                   | 6,935.08            | 8,283.74            | 6,960.34            | 58.47           | 52.03       | -90.97                | -302.90                           | -753.37    | 1,495.42             | 1,384.87              | 110.55                  | 13.527            |                    |         |
| 8,700.00                   | 6,934.17            | 8,383.73            | 6,959.03            | 60.78           | 54.28       | -90.96                | -306.54                           | -853.29    | 1,494.44             | 1,379.33              | 115.11                  | 12.982            |                    |         |
| 8,800.00                   | 6,933.25            | 8,483.73            | 6,957.72            | 63.13           | 56.59       | -90.94                | -310.19                           | -953.21    | 1,493.46             | 1,373.69              | 119.77                  | 12.469            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                   | 6,932.34            | 8,583.72            | 6,956.40            | 65.52           | 58.94       | -90.93                | -313.83                           | -1,053.13  | 1,492.49             | 1,367.97              | 124.52                  | 11.986            |                    |         |
| 9,000.00                   | 6,931.43            | 8,683.71            | 6,955.09            | 67.95           | 61.34       | -90.91                | -317.48                           | -1,153.05  | 1,491.51             | 1,362.17              | 129.34                  | 11.532            |                    |         |
| 9,100.00                   | 6,930.52            | 8,783.71            | 6,953.77            | 70.40           | 63.77       | -90.90                | -321.12                           | -1,252.97  | 1,490.53             | 1,356.30              | 134.22                  | 11.105            |                    |         |
| 9,200.00                   | 6,929.61            | 8,883.70            | 6,952.46            | 72.89           | 66.23       | -90.88                | -324.77                           | -1,352.89  | 1,489.55             | 1,350.38              | 139.17                  | 10.703            |                    |         |
| 9,300.00                   | 6,928.69            | 8,983.70            | 6,951.14            | 75.40           | 68.72       | -90.87                | -328.41                           | -1,452.81  | 1,488.57             | 1,344.40              | 144.17                  | 10.325            |                    |         |
| 9,400.00                   | 6,927.78            | 9,083.69            | 6,949.83            | 77.93           | 71.24       | -90.85                | -332.06                           | -1,552.73  | 1,487.59             | 1,338.37              | 149.22                  | 9.969             |                    |         |
| 9,500.00                   | 6,926.87            | 9,183.69            | 6,948.51            | 80.48           | 73.78       | -90.84                | -335.70                           | -1,652.65  | 1,486.61             | 1,332.29              | 154.32                  | 9.633             |                    |         |
| 9,600.00                   | 6,925.96            | 9,283.68            | 6,947.20            | 83.05           | 76.35       | -90.82                | -339.34                           | -1,752.57  | 1,485.63             | 1,326.18              | 159.45                  | 9.317             |                    |         |
| 9,700.00                   | 6,925.05            | 9,383.68            | 6,945.88            | 85.64           | 78.93       | -90.81                | -342.99                           | -1,852.49  | 1,484.66             | 1,320.03              | 164.62                  | 9.019             |                    |         |
| 9,800.00                   | 6,924.14            | 9,483.67            | 6,944.57            | 88.25           | 81.53       | -90.79                | -346.63                           | -1,952.41  | 1,483.68             | 1,313.85              | 169.83                  | 8.736             |                    |         |
| 9,900.00                   | 6,923.22            | 9,583.66            | 6,943.25            | 90.86           | 84.15       | -90.78                | -350.28                           | -2,052.33  | 1,482.70             | 1,307.64              | 175.06                  | 8.470             |                    |         |
| 10,000.00                  | 6,922.31            | 9,683.66            | 6,941.94            | 93.50           | 86.78       | -90.76                | -353.92                           | -2,152.25  | 1,481.72             | 1,301.40              | 180.32                  | 8.217             |                    |         |
| 10,100.00                  | 6,921.40            | 9,783.65            | 6,940.63            | 96.14           | 89.42       | -90.75                | -357.57                           | -2,252.16  | 1,480.74             | 1,295.14              | 185.60                  | 7.978             |                    |         |
| 10,200.00                  | 6,920.49            | 9,883.65            | 6,939.31            | 98.79           | 92.07       | -90.73                | -361.21                           | -2,352.08  | 1,479.76             | 1,288.86              | 190.91                  | 7.751             |                    |         |
| 10,300.00                  | 6,919.58            | 9,983.64            | 6,938.00            | 101.45          | 94.74       | -90.72                | -364.86                           | -2,452.00  | 1,478.79             | 1,282.55              | 196.24                  | 7.536             |                    |         |
| 10,400.00                  | 6,918.67            | 10,083.64           | 6,936.68            | 104.13          | 97.41       | -90.70                | -368.50                           | -2,551.92  | 1,477.81             | 1,276.23              | 201.58                  | 7.331             |                    |         |
| 10,500.00                  | 6,917.75            | 10,183.63           | 6,935.37            | 106.81          | 100.10      | -90.69                | -372.15                           | -2,651.84  | 1,476.83             | 1,269.88              | 206.95                  | 7.136             |                    |         |
| 10,600.00                  | 6,916.84            | 10,283.63           | 6,934.05            | 109.50          | 102.79      | -90.67                | -375.79                           | -2,751.76  | 1,475.85             | 1,263.53              | 212.33                  | 6.951             |                    |         |
| 10,700.00                  | 6,915.93            | 10,383.62           | 6,932.74            | 112.19          | 105.49      | -90.66                | -379.44                           | -2,851.68  | 1,474.88             | 1,257.15              | 217.72                  | 6.774             |                    |         |
| 10,800.00                  | 6,915.02            | 10,483.61           | 6,931.42            | 114.90          | 108.20      | -90.64                | -383.08                           | -2,951.60  | 1,473.90             | 1,250.76              | 223.14                  | 6.605             |                    |         |
| 10,900.00                  | 6,914.11            | 10,583.61           | 6,930.11            | 117.61          | 110.92      | -90.63                | -386.73                           | -3,051.52  | 1,472.92             | 1,244.36              | 228.56                  | 6.444             |                    |         |
| 11,000.00                  | 6,913.20            | 10,683.60           | 6,928.79            | 120.32          | 113.64      | -90.61                | -390.37                           | -3,151.44  | 1,471.95             | 1,237.95              | 233.99                  | 6.291             |                    |         |
| 11,100.00                  | 6,912.28            | 10,783.60           | 6,927.48            | 123.04          | 116.36      | -90.60                | -394.02                           | -3,251.36  | 1,470.97             | 1,231.53              | 239.44                  | 6.143             |                    |         |
| 11,200.00                  | 6,911.37            | 10,883.59           | 6,926.17            | 125.77          | 119.10      | -90.58                | -397.66                           | -3,351.28  | 1,469.99             | 1,225.09              | 244.90                  | 6.002             |                    |         |
| 11,300.00                  | 6,910.46            | 10,983.59           | 6,924.85            | 128.50          | 121.83      | -90.57                | -401.31                           | -3,451.20  | 1,469.01             | 1,218.65              | 250.37                  | 5.867             |                    |         |
| 11,400.00                  | 6,909.55            | 11,083.58           | 6,923.54            | 131.24          | 124.57      | -90.55                | -404.95                           | -3,551.12  | 1,468.04             | 1,212.20              | 255.84                  | 5.738             |                    |         |
| 11,500.00                  | 6,908.64            | 11,183.58           | 6,922.22            | 133.98          | 127.32      | -90.54                | -408.60                           | -3,651.04  | 1,467.06             | 1,205.73              | 261.33                  | 5.614             |                    |         |
| 11,600.00                  | 6,907.73            | 11,283.57           | 6,920.91            | 136.72          | 130.07      | -90.52                | -412.24                           | -3,750.96  | 1,466.09             | 1,199.26              | 266.82                  | 5.495             |                    |         |
| 11,700.00                  | 6,906.81            | 11,383.56           | 6,919.59            | 139.47          | 132.82      | -90.50                | -415.88                           | -3,850.87  | 1,465.11             | 1,192.79              | 272.32                  | 5.380             |                    |         |
| 11,800.00                  | 6,905.90            | 11,483.56           | 6,918.28            | 142.22          | 135.58      | -90.49                | -419.53                           | -3,950.79  | 1,464.13             | 1,186.30              | 277.83                  | 5.270             |                    |         |
| 11,900.00                  | 6,904.99            | 11,583.55           | 6,916.96            | 144.97          | 138.34      | -90.47                | -423.17                           | -4,050.71  | 1,463.16             | 1,179.81              | 283.34                  | 5.164             |                    |         |
| 12,000.00                  | 6,904.08            | 11,683.55           | 6,915.65            | 147.73          | 141.11      | -90.46                | -426.82                           | -4,150.63  | 1,462.18             | 1,173.32              | 288.87                  | 5.062             |                    |         |
| 12,100.00                  | 6,903.17            | 11,783.54           | 6,914.33            | 150.49          | 143.88      | -90.44                | -430.46                           | -4,250.55  | 1,461.20             | 1,166.81              | 294.39                  | 4.963             |                    |         |
| 12,200.00                  | 6,902.26            | 11,883.54           | 6,913.02            | 153.26          | 146.65      | -90.43                | -434.11                           | -4,350.47  | 1,460.23             | 1,160.30              | 299.93                  | 4.869             |                    |         |
| 12,300.00                  | 6,901.34            | 11,983.53           | 6,911.71            | 156.02          | 149.42      | -90.41                | -437.75                           | -4,450.39  | 1,459.25             | 1,153.79              | 305.46                  | 4.777             |                    |         |
| 12,400.00                  | 6,900.43            | 12,083.53           | 6,910.39            | 158.79          | 152.19      | -90.40                | -441.40                           | -4,550.31  | 1,458.28             | 1,147.27              | 311.01                  | 4.689             |                    |         |
| 12,500.00                  | 6,899.52            | 12,183.52           | 6,909.08            | 161.56          | 154.97      | -90.38                | -445.04                           | -4,650.23  | 1,457.30             | 1,140.75              | 316.55                  | 4.604             |                    |         |
| 12,600.00                  | 6,898.61            | 12,283.52           | 6,907.76            | 164.34          | 157.75      | -90.37                | -448.69                           | -4,750.15  | 1,456.33             | 1,134.22              | 322.11                  | 4.521             |                    |         |
| 12,700.00                  | 6,897.70            | 12,383.51           | 6,906.45            | 167.11          | 160.53      | -90.35                | -452.33                           | -4,850.07  | 1,455.35             | 1,127.69              | 327.66                  | 4.442             |                    |         |
| 12,800.00                  | 6,896.79            | 12,483.50           | 6,905.13            | 169.89          | 163.32      | -90.33                | -455.98                           | -4,949.99  | 1,454.38             | 1,121.15              | 333.23                  | 4.365             |                    |         |
| 12,900.00                  | 6,895.87            | 12,583.50           | 6,903.82            | 172.67          | 166.11      | -90.32                | -459.62                           | -5,049.91  | 1,453.40             | 1,114.61              | 338.79                  | 4.290             |                    |         |
| 13,000.00                  | 6,894.96            | 12,683.49           | 6,902.50            | 175.45          | 168.89      | -90.30                | -463.27                           | -5,149.83  | 1,452.43             | 1,108.07              | 344.36                  | 4.218             |                    |         |
| 13,100.00                  | 6,894.05            | 12,783.49           | 6,901.19            | 178.23          | 171.68      | -90.29                | -466.91                           | -5,249.75  | 1,451.45             | 1,101.52              | 349.93                  | 4.148             |                    |         |
| 13,200.00                  | 6,893.14            | 12,883.48           | 6,899.87            | 181.02          | 174.48      | -90.27                | -470.56                           | -5,349.67  | 1,450.48             | 1,094.97              | 355.51                  | 4.080             |                    |         |
| 13,300.00                  | 6,892.23            | 12,983.48           | 6,898.56            | 183.80          | 177.27      | -90.26                | -474.20                           | -5,449.58  | 1,449.50             | 1,088.42              | 361.09                  | 4.014             |                    |         |
| 13,400.00                  | 6,891.31            | 13,083.47           | 6,897.24            | 186.59          | 180.06      | -90.24                | -477.85                           | -5,549.50  | 1,448.53             | 1,081.86              | 366.67                  | 3.951             |                    |         |
| 13,500.00                  | 6,890.40            | 13,183.47           | 6,895.93            | 189.38          | 182.86      | -90.22                | -481.49                           | -5,649.42  | 1,447.55             | 1,075.30              | 372.25                  | 3.889             |                    |         |
| 13,600.00                  | 6,889.49            | 13,283.46           | 6,894.62            | 192.17          | 185.66      | -90.21                | -485.14                           | -5,749.34  | 1,446.58             | 1,068.74              | 377.84                  | 3.829             |                    |         |
| 13,700.00                  | 6,888.58            | 13,383.45           | 6,893.30            | 194.97          | 188.46      | -90.19                | -488.78                           | -5,849.26  | 1,445.61             | 1,062.18              | 383.43                  | 3.770             |                    |         |
| 13,800.00                  | 6,887.67            | 13,483.45           | 6,891.99            | 197.76          | 191.26      | -90.18                | -492.43                           | -5,949.18  | 1,444.63             | 1,055.61              | 389.02                  | 3.713             |                    |         |
| 13,900.00                  | 6,886.76            | 13,583.44           | 6,890.67            | 200.56          | 194.06      | -90.16                | -496.07                           | -6,049.10  | 1,443.66             | 1,049.04              | 394.62                  | 3.658             |                    |         |
| 14,000.00                  | 6,885.84            | 13,683.44           | 6,889.36            | 203.35          | 196.86      | -90.14                | -499.71                           | -6,149.02  | 1,442.68             | 1,042.47              | 400.21                  | 3.605             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,100.00                  | 6,884.93            | 13,783.43           | 6,888.04            | 206.15          | 199.66      | -90.13                | -503.36                           | -6,248.94  | 1,441.71             | 1,035.90              | 405.81                  | 3.553             |                    |         |
| 14,200.00                  | 6,884.02            | 13,883.43           | 6,886.73            | 208.95          | 202.47      | -90.11                | -507.00                           | -6,348.86  | 1,440.74             | 1,029.32              | 411.42                  | 3.502             |                    |         |
| 14,300.00                  | 6,883.11            | 13,983.42           | 6,885.41            | 211.75          | 205.27      | -90.10                | -510.65                           | -6,448.78  | 1,439.76             | 1,022.74              | 417.02                  | 3.453             |                    |         |
| 14,400.00                  | 6,882.20            | 14,083.42           | 6,884.10            | 214.55          | 208.08      | -90.08                | -514.29                           | -6,548.70  | 1,438.79             | 1,016.16              | 422.63                  | 3.404             |                    |         |
| 14,500.00                  | 6,881.29            | 14,183.41           | 6,882.78            | 217.35          | 210.89      | -90.06                | -517.94                           | -6,648.62  | 1,437.82             | 1,009.58              | 428.23                  | 3.358             |                    |         |
| 14,600.00                  | 6,880.37            | 14,283.40           | 6,881.47            | 220.15          | 213.70      | -90.05                | -521.58                           | -6,748.54  | 1,436.84             | 1,003.00              | 433.84                  | 3.312             |                    |         |
| 14,700.00                  | 6,879.46            | 14,383.40           | 6,880.16            | 222.95          | 216.51      | -90.03                | -525.23                           | -6,848.46  | 1,435.87             | 996.42                | 439.45                  | 3.267             |                    |         |
| 14,800.00                  | 6,878.55            | 14,483.39           | 6,878.84            | 225.76          | 219.32      | -90.02                | -528.87                           | -6,948.37  | 1,434.90             | 989.83                | 445.07                  | 3.224             |                    |         |
| 14,900.00                  | 6,877.64            | 14,583.39           | 6,877.53            | 228.56          | 222.13      | -90.00                | -532.52                           | -7,048.29  | 1,433.92             | 983.24                | 450.68                  | 3.182             |                    |         |
| 15,000.00                  | 6,876.73            | 14,683.38           | 6,876.21            | 231.37          | 224.94      | -89.98                | -536.16                           | -7,148.21  | 1,432.95             | 976.65                | 456.30                  | 3.140             |                    |         |
| 15,100.00                  | 6,875.82            | 14,783.38           | 6,874.90            | 234.18          | 227.75      | -89.97                | -539.81                           | -7,248.13  | 1,431.98             | 970.06                | 461.92                  | 3.100             |                    |         |
| 15,200.00                  | 6,874.90            | 14,883.37           | 6,873.58            | 236.98          | 230.56      | -89.95                | -543.45                           | -7,348.05  | 1,431.01             | 963.47                | 467.53                  | 3.061             |                    |         |
| 15,300.00                  | 6,873.99            | 14,983.37           | 6,872.27            | 239.79          | 233.38      | -89.94                | -547.10                           | -7,447.97  | 1,430.03             | 956.88                | 473.15                  | 3.022             |                    |         |
| 15,400.00                  | 6,873.08            | 15,083.36           | 6,870.95            | 242.60          | 236.19      | -89.92                | -550.74                           | -7,547.89  | 1,429.06             | 950.29                | 478.78                  | 2.985             |                    |         |
| 15,500.00                  | 6,872.17            | 15,183.35           | 6,869.64            | 245.41          | 239.01      | -89.90                | -554.39                           | -7,647.81  | 1,428.09             | 943.69                | 484.40                  | 2.948             |                    |         |
| 15,600.00                  | 6,871.26            | 15,283.35           | 6,868.32            | 248.22          | 241.82      | -89.89                | -558.03                           | -7,747.73  | 1,427.12             | 937.09                | 490.02                  | 2.912             |                    |         |
| 15,700.00                  | 6,870.35            | 15,383.34           | 6,867.01            | 251.03          | 244.64      | -89.87                | -561.68                           | -7,847.65  | 1,426.15             | 930.50                | 495.65                  | 2.877             |                    |         |
| 15,737.91                  | 6,870.00            | 15,421.25           | 6,866.51            | 252.10          | 245.71      | -89.86                | -563.06                           | -7,885.52  | 1,425.78             | 928.00                | 497.78                  | 2.864             |                    |         |
| 15,738.53                  | 6,869.99            | 15,421.87           | 6,866.50            | 252.11          | 245.73      | -89.86                | -563.08                           | -7,886.14  | 1,425.77             | 927.96                | 497.82                  | 2.864 SF          |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 10.56                 | 14.93                             | 2.78       | 15.19                |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | 10.56                 | 14.93                             | 2.78       | 15.19                | 8.62                  | 6.57                    | 2.312             |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | 10.56                 | 14.93                             | 2.78       | 15.19                | 8.52                  | 6.67                    | 2.276             |                    |         |
| 300.00                     | 300.00              | 300.00              | 300.00              | 3.44            | 3.44        | 10.56                 | 14.93                             | 2.78       | 15.19                | 8.30                  | 6.89                    | 2.205 CC          |                    |         |
| 400.00                     | 399.98              | 399.48              | 399.46              | 3.60            | 3.60        | -23.39                | 16.66                             | 2.66       | 15.26                | 8.05                  | 7.21                    | 2.115 ES          |                    |         |
| 500.00                     | 499.84              | 498.90              | 498.74              | 3.81            | 3.81        | -34.38                | 21.82                             | 2.31       | 15.87                | 8.23                  | 7.64                    | 2.076 SF          |                    |         |
| 550.00                     | 549.68              | 548.56              | 548.25              | 3.93            | 3.93        | -41.89                | 25.68                             | 2.04       | 16.68                | 8.79                  | 7.89                    | 2.115             |                    |         |
| 600.00                     | 599.45              | 598.19              | 597.65              | 4.06            | 4.05        | -52.42                | 30.40                             | 1.71       | 18.10                | 9.96                  | 8.14                    | 2.223             |                    |         |
| 700.00                     | 698.71              | 697.23              | 695.96              | 4.33            | 4.33        | -71.00                | 42.36                             | 0.88       | 23.54                | 14.84                 | 8.70                    | 2.707             |                    |         |
| 800.00                     | 797.49              | 796.08              | 793.62              | 4.64            | 4.63        | -84.21                | 57.60                             | -0.17      | 32.57                | 23.28                 | 9.29                    | 3.505             |                    |         |
| 900.00                     | 895.68              | 904.75              | 891.43              | 4.97            | 4.99        | -95.12                | 73.93                             | -1.30      | 43.58                | 33.62                 | 9.96                    | 4.376             |                    |         |
| 1,000.00                   | 993.14              | 994.09              | 988.92              | 5.33            | 5.29        | -104.94               | 90.20                             | -2.43      | 56.46                | 45.85                 | 10.61                   | 5.320             |                    |         |
| 1,039.84                   | 1,031.75            | 1,033.36            | 1,027.64            | 5.48            | 5.43        | -108.51               | 96.67                             | -2.87      | 62.25                | 51.35                 | 10.90                   | 5.711             |                    |         |
| 1,100.00                   | 1,089.94            | 1,107.42            | 1,086.05            | 5.72            | 5.71        | -112.90               | 106.42                            | -3.55      | 71.52                | 60.12                 | 11.40                   | 6.273             |                    |         |
| 1,200.00                   | 1,186.67            | 1,208.97            | 1,183.15            | 6.13            | 6.09        | -118.10               | 122.63                            | -4.67      | 87.58                | 75.39                 | 12.18                   | 7.189             |                    |         |
| 1,300.00                   | 1,283.39            | 1,289.47            | 1,280.24            | 6.55            | 6.41        | -121.67               | 138.84                            | -5.79      | 104.12               | 91.21                 | 12.91                   | 8.068             |                    |         |
| 1,400.00                   | 1,380.12            | 1,387.92            | 1,377.34            | 6.99            | 6.81        | -124.26               | 155.05                            | -6.92      | 120.94               | 107.22                | 13.72                   | 8.816             |                    |         |
| 1,500.00                   | 1,476.85            | 1,486.37            | 1,474.44            | 7.45            | 7.21        | -126.22               | 171.26                            | -8.04      | 137.95               | 123.40                | 14.55                   | 9.481             |                    |         |
| 1,600.00                   | 1,573.57            | 1,584.81            | 1,571.53            | 7.90            | 7.62        | -127.74               | 187.47                            | -9.16      | 155.08               | 139.69                | 15.40                   | 10.073            |                    |         |
| 1,700.00                   | 1,670.30            | 1,683.26            | 1,668.63            | 8.37            | 8.04        | -128.96               | 203.68                            | -10.28     | 172.30               | 156.05                | 16.25                   | 10.601            |                    |         |
| 1,800.00                   | 1,767.03            | 1,781.71            | 1,765.73            | 8.85            | 8.46        | -129.96               | 219.89                            | -11.40     | 189.58               | 172.46                | 17.12                   | 11.073            |                    |         |
| 1,900.00                   | 1,863.75            | 1,880.15            | 1,862.82            | 9.32            | 8.88        | -130.80               | 236.09                            | -12.53     | 206.91               | 188.91                | 18.00                   | 11.496            |                    |         |
| 2,000.00                   | 1,960.48            | 1,978.60            | 1,959.92            | 9.81            | 9.31        | -131.50               | 252.30                            | -13.65     | 224.27               | 205.39                | 18.88                   | 11.877            |                    |         |
| 2,100.00                   | 2,057.21            | 2,077.05            | 2,057.02            | 10.29           | 9.74        | -132.10               | 268.51                            | -14.77     | 241.66               | 221.88                | 19.77                   | 12.221            |                    |         |
| 2,200.00                   | 2,153.93            | 2,175.49            | 2,154.11            | 10.78           | 10.18       | -132.62               | 284.72                            | -15.89     | 259.07               | 238.40                | 20.67                   | 12.533            |                    |         |
| 2,300.00                   | 2,250.66            | 2,273.94            | 2,251.21            | 11.28           | 10.61       | -133.08               | 300.93                            | -17.01     | 276.50               | 254.93                | 21.57                   | 12.817            |                    |         |
| 2,400.00                   | 2,347.39            | 2,372.39            | 2,348.31            | 11.77           | 11.05       | -133.48               | 317.14                            | -18.14     | 293.95               | 271.47                | 22.48                   | 13.077            |                    |         |
| 2,500.00                   | 2,444.11            | 2,470.84            | 2,445.40            | 12.27           | 11.49       | -133.84               | 333.35                            | -19.26     | 311.41               | 288.02                | 23.39                   | 13.314            |                    |         |
| 2,600.00                   | 2,540.84            | 2,569.28            | 2,542.50            | 12.77           | 11.93       | -134.16               | 349.56                            | -20.38     | 328.87               | 304.57                | 24.30                   | 13.532            |                    |         |
| 2,700.00                   | 2,637.57            | 2,667.73            | 2,639.60            | 13.27           | 12.38       | -134.44               | 365.77                            | -21.50     | 346.35               | 321.13                | 25.22                   | 13.734            |                    |         |
| 2,800.00                   | 2,734.30            | 2,766.18            | 2,736.69            | 13.78           | 12.82       | -134.70               | 381.98                            | -22.63     | 363.84               | 337.70                | 26.14                   | 13.919            |                    |         |
| 2,900.00                   | 2,831.02            | 2,864.62            | 2,833.79            | 14.28           | 13.27       | -134.94               | 398.19                            | -23.75     | 381.33               | 354.27                | 27.06                   | 14.092            |                    |         |
| 3,000.00                   | 2,927.75            | 2,963.07            | 2,930.89            | 14.79           | 13.71       | -135.15               | 414.40                            | -24.87     | 398.83               | 370.84                | 27.98                   | 14.252            |                    |         |
| 3,100.00                   | 3,024.48            | 3,061.52            | 3,027.98            | 15.29           | 14.16       | -135.35               | 430.61                            | -25.99     | 416.33               | 387.42                | 28.91                   | 14.400            |                    |         |
| 3,200.00                   | 3,121.20            | 3,159.96            | 3,125.08            | 15.80           | 14.61       | -135.53               | 446.82                            | -27.11     | 433.83               | 404.00                | 29.84                   | 14.539            |                    |         |
| 3,300.00                   | 3,217.93            | 3,258.41            | 3,222.18            | 16.31           | 15.06       | -135.70               | 463.03                            | -28.24     | 451.34               | 420.58                | 30.77                   | 14.669            |                    |         |
| 3,400.00                   | 3,314.66            | 3,356.86            | 3,319.27            | 16.82           | 15.51       | -135.85               | 479.24                            | -29.36     | 468.86               | 437.16                | 31.70                   | 14.791            |                    |         |
| 3,500.00                   | 3,411.38            | 3,455.30            | 3,416.37            | 17.33           | 15.96       | -136.00               | 495.45                            | -30.48     | 486.38               | 453.74                | 32.63                   | 14.905            |                    |         |
| 3,600.00                   | 3,508.11            | 3,553.75            | 3,513.47            | 17.84           | 16.41       | -136.13               | 511.66                            | -31.60     | 503.90               | 470.33                | 33.57                   | 15.012            |                    |         |
| 3,700.00                   | 3,604.84            | 3,652.20            | 3,610.56            | 18.36           | 16.86       | -136.25               | 527.87                            | -32.72     | 521.42               | 486.92                | 34.50                   | 15.113            |                    |         |
| 3,800.00                   | 3,701.56            | 3,750.64            | 3,707.66            | 18.87           | 17.32       | -136.37               | 544.08                            | -33.85     | 538.94               | 503.51                | 35.44                   | 15.208            |                    |         |
| 3,900.00                   | 3,798.29            | 3,849.09            | 3,804.76            | 19.38           | 17.77       | -136.48               | 560.29                            | -34.97     | 556.47               | 520.09                | 36.37                   | 15.298            |                    |         |
| 4,000.00                   | 3,895.02            | 3,947.54            | 3,901.85            | 19.89           | 18.22       | -136.58               | 576.50                            | -36.09     | 574.00               | 536.68                | 37.31                   | 15.384            |                    |         |
| 4,100.00                   | 3,991.74            | 4,045.98            | 3,998.95            | 20.41           | 18.68       | -136.68               | 592.71                            | -37.21     | 591.53               | 553.28                | 38.25                   | 15.464            |                    |         |
| 4,200.00                   | 4,088.47            | 4,144.43            | 4,096.05            | 20.92           | 19.13       | -136.77               | 608.92                            | -38.34     | 609.06               | 569.87                | 39.19                   | 15.541            |                    |         |
| 4,300.00                   | 4,185.20            | 4,242.88            | 4,193.14            | 21.44           | 19.58       | -136.85               | 625.13                            | -39.46     | 626.59               | 586.46                | 40.13                   | 15.614            |                    |         |
| 4,400.00                   | 4,281.92            | 4,341.32            | 4,290.24            | 21.95           | 20.04       | -136.94               | 641.34                            | -40.58     | 644.13               | 603.05                | 41.07                   | 15.683            |                    |         |
| 4,500.00                   | 4,378.65            | 4,439.77            | 4,387.34            | 22.47           | 20.49       | -137.01               | 657.54                            | -41.70     | 661.66               | 619.65                | 42.01                   | 15.749            |                    |         |
| 4,600.00                   | 4,475.38            | 4,538.22            | 4,484.43            | 22.99           | 20.95       | -137.09               | 673.75                            | -42.82     | 679.20               | 636.24                | 42.96                   | 15.811            |                    |         |
| 4,700.00                   | 4,572.10            | 4,636.66            | 4,581.53            | 23.50           | 21.40       | -137.15               | 689.96                            | -43.95     | 696.73               | 652.84                | 43.90                   | 15.871            |                    |         |
| 4,800.00                   | 4,668.83            | 4,735.11            | 4,678.63            | 24.02           | 21.86       | -137.22               | 706.17                            | -45.07     | 714.27               | 669.43                | 44.84                   | 15.928            |                    |         |
| 4,900.00                   | 4,765.56            | 4,833.56            | 4,775.72            | 24.53           | 22.32       | -137.28               | 722.38                            | -46.19     | 731.81               | 686.03                | 45.79                   | 15.983            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                   | 4,862.28            | 4,932.00            | 4,872.82            | 25.05           | 22.77       | -137.34               | 738.59                            | -47.31     | 749.35               | 702.62                | 46.73                   | 16.035            |                    |         |
| 5,100.00                   | 4,959.01            | 5,030.45            | 4,969.92            | 25.57           | 23.23       | -137.40               | 754.80                            | -48.43     | 766.89               | 719.22                | 47.68                   | 16.085            |                    |         |
| 5,200.00                   | 5,055.74            | 5,128.90            | 5,067.01            | 26.09           | 23.69       | -137.45               | 771.01                            | -49.56     | 784.44               | 735.81                | 48.62                   | 16.134            |                    |         |
| 5,300.00                   | 5,152.46            | 5,227.35            | 5,164.11            | 26.60           | 24.14       | -137.51               | 787.22                            | -50.68     | 801.98               | 752.41                | 49.57                   | 16.180            |                    |         |
| 5,400.00                   | 5,249.19            | 5,325.79            | 5,261.21            | 27.12           | 24.60       | -137.56               | 803.43                            | -51.80     | 819.52               | 769.01                | 50.51                   | 16.224            |                    |         |
| 5,500.00                   | 5,345.92            | 5,424.24            | 5,358.30            | 27.64           | 25.06       | -137.60               | 819.64                            | -52.92     | 837.06               | 785.60                | 51.46                   | 16.266            |                    |         |
| 5,600.00                   | 5,442.65            | 5,522.69            | 5,455.40            | 28.16           | 25.51       | -137.65               | 835.85                            | -54.04     | 854.61               | 802.20                | 52.41                   | 16.307            |                    |         |
| 5,700.00                   | 5,539.37            | 5,621.13            | 5,552.50            | 28.68           | 25.97       | -137.69               | 852.06                            | -55.17     | 872.15               | 818.80                | 53.35                   | 16.347            |                    |         |
| 5,800.00                   | 5,636.10            | 5,719.58            | 5,649.59            | 29.20           | 26.43       | -137.73               | 868.27                            | -56.29     | 889.70               | 835.40                | 54.30                   | 16.385            |                    |         |
| 5,900.00                   | 5,732.83            | 5,818.03            | 5,746.69            | 29.71           | 26.89       | -137.77               | 884.48                            | -57.41     | 907.24               | 851.99                | 55.25                   | 16.421            |                    |         |
| 6,000.00                   | 5,829.55            | 5,916.47            | 5,843.79            | 30.23           | 27.35       | -137.81               | 900.69                            | -58.53     | 924.79               | 868.59                | 56.20                   | 16.456            |                    |         |
| 6,100.00                   | 5,926.28            | 6,013.39            | 5,943.30            | 30.75           | 27.81       | -137.85               | 916.90                            | -59.65     | 942.34               | 885.80                | 57.15                   | 16.491            |                    |         |
| 6,200.00                   | 6,023.01            | 6,110.50            | 6,039.21            | 31.27           | 28.27       | -137.89               | 933.11                            | -60.77     | 959.89               | 903.01                | 58.10                   | 16.526            |                    |         |
| 6,300.00                   | 6,119.73            | 6,207.31            | 6,135.39            | 31.79           | 28.73       | -137.93               | 949.32                            | -61.89     | 977.44               | 920.22                | 59.05                   | 16.561            |                    |         |
| 6,397.75                   | 6,214.28            | 6,302.36            | 6,227.56            | 32.30           | 29.19       | -137.97               | 965.53                            | -63.01     | 994.99               | 937.43                | 60.00                   | 16.596            |                    |         |
| 6,400.00                   | 6,216.46            | 6,304.54            | 6,229.74            | 32.31           | 29.20       | -137.97               | 965.53                            | -63.01     | 994.99               | 937.43                | 60.00                   | 16.596            |                    |         |
| 6,450.00                   | 6,265.12            | 6,352.20            | 6,277.32            | 32.56           | 29.45       | -138.00               | 981.74                            | -64.13     | 1012.54              | 954.64                | 61.00                   | 16.631            |                    |         |
| 6,500.00                   | 6,314.12            | 6,401.20            | 6,326.32            | 32.78           | 29.67       | -138.03               | 997.95                            | -65.25     | 1030.09              | 971.85                | 62.00                   | 16.666            |                    |         |
| 6,550.00                   | 6,363.16            | 6,450.24            | 6,375.36            | 32.99           | 29.89       | -138.06               | 1014.16                           | -66.37     | 1047.64              | 989.06                | 63.00                   | 16.701            |                    |         |
| 6,600.00                   | 6,411.94            | 6,499.28            | 6,424.40            | 33.18           | 30.10       | -138.09               | 1030.27                           | -67.49     | 1065.19              | 1006.27               | 64.00                   | 16.736            |                    |         |
| 6,650.00                   | 6,460.15            | 6,548.32            | 6,473.61            | 33.35           | 30.31       | -138.12               | 1046.38                           | -68.61     | 1082.74              | 1023.48               | 65.00                   | 16.771            |                    |         |
| 6,700.00                   | 6,507.49            | 6,597.36            | 6,522.75            | 33.52           | 30.52       | -138.15               | 1062.59                           | -69.73     | 1100.29              | 1040.69               | 66.00                   | 16.806            |                    |         |
| 6,750.00                   | 6,553.69            | 6,646.40            | 6,568.95            | 33.69           | 30.73       | -138.18               | 1078.80                           | -70.85     | 1117.84              | 1057.90               | 67.00                   | 16.841            |                    |         |
| 6,800.00                   | 6,598.44            | 6,695.44            | 6,614.19            | 33.85           | 30.94       | -138.21               | 1095.01                           | -71.97     | 1135.39              | 1075.11               | 68.00                   | 16.876            |                    |         |
| 6,850.00                   | 6,641.47            | 6,738.48            | 6,657.23            | 34.02           | 31.15       | -138.24               | 1111.22                           | -73.09     | 1152.94              | 1092.32               | 69.00                   | 16.911            |                    |         |
| 6,900.00                   | 6,682.53            | 6,779.52            | 6,698.29            | 34.19           | 31.36       | -138.27               | 1127.43                           | -74.21     | 1170.49              | 1109.53               | 70.00                   | 16.946            |                    |         |
| 6,950.00                   | 6,721.35            | 6,818.14            | 6,736.91            | 34.38           | 31.57       | -138.30               | 1143.64                           | -75.33     | 1188.04              | 1126.74               | 71.00                   | 16.981            |                    |         |
| 7,000.00                   | 6,757.70            | 6,854.68            | 6,773.67            | 34.57           | 31.78       | -138.33               | 1159.85                           | -76.45     | 1205.59              | 1143.95               | 72.00                   | 17.016            |                    |         |
| 7,050.00                   | 6,791.35            | 6,888.32            | 6,807.31            | 34.79           | 31.99       | -138.36               | 1176.06                           | -77.57     | 1223.14              | 1161.16               | 73.00                   | 17.051            |                    |         |
| 7,076.03                   | 6,807.73            | 6,904.70            | 6,823.69            | 34.91           | 32.10       | -138.39               | 1192.27                           | -78.69     | 1240.69              | 1178.37               | 74.00                   | 17.086            |                    |         |
| 7,100.00                   | 6,822.10            | 6,919.07            | 6,838.06            | 35.03           | 32.31       | -138.42               | 1208.48                           | -79.81     | 1258.24              | 1195.58               | 75.00                   | 17.121            |                    |         |
| 7,150.00                   | 6,849.75            | 6,946.72            | 6,865.71            | 35.30           | 32.58       | -138.45               | 1224.69                           | -80.93     | 1275.79              | 1212.79               | 76.00                   | 17.156            |                    |         |
| 7,200.00                   | 6,874.14            | 6,971.11            | 6,890.10            | 35.61           | 32.89       | -138.48               | 1240.90                           | -82.05     | 1293.34              | 1230.00               | 77.00                   | 17.191            |                    |         |
| 7,250.00                   | 6,895.11            | 6,992.08            | 6,911.07            | 35.95           | 33.20       | -138.51               | 1257.11                           | -83.17     | 1310.89              | 1247.21               | 78.00                   | 17.226            |                    |         |
| 7,300.00                   | 6,912.54            | 7,009.51            | 6,928.50            | 36.34           | 33.59       | -138.54               | 1273.32                           | -84.29     | 1328.44              | 1264.42               | 79.00                   | 17.261            |                    |         |
| 7,350.00                   | 6,926.31            | 7,023.28            | 6,942.27            | 36.77           | 33.97       | -138.57               | 1289.53                           | -85.41     | 1345.99              | 1281.63               | 80.00                   | 17.296            |                    |         |
| 7,400.00                   | 6,936.35            | 7,033.32            | 6,952.31            | 37.25           | 34.35       | -138.60               | 1305.74                           | -86.53     | 1363.54              | 1298.84               | 81.00                   | 17.331            |                    |         |
| 7,450.00                   | 6,942.59            | 7,039.56            | 6,958.55            | 37.76           | 34.73       | -138.63               | 1321.95                           | -87.65     | 1381.09              | 1316.05               | 82.00                   | 17.366            |                    |         |
| 7,500.00                   | 6,944.99            | 7,041.96            | 6,960.95            | 38.31           | 35.11       | -138.66               | 1338.16                           | -88.77     | 1398.64              | 1333.26               | 83.00                   | 17.401            |                    |         |
| 7,512.10                   | 6,945.00            | 7,042.00            | 6,961.00            | 38.44           | 35.23       | -138.67               | 1344.37                           | -88.90     | 1404.85              | 1339.47               | 83.50                   | 17.414            |                    |         |
| 7,600.00                   | 6,944.19            | 7,041.11            | 6,960.11            | 39.51           | 36.30       | -138.70               | 1360.58                           | -90.02     | 1422.40              | 1356.68               | 84.50                   | 17.449            |                    |         |
| 7,700.00                   | 6,943.28            | 7,040.20            | 6,959.20            | 40.90           | 37.69       | -138.73               | 1376.79                           | -91.14     | 1439.95              | 1373.89               | 85.50                   | 17.484            |                    |         |
| 7,800.00                   | 6,942.37            | 7,039.29            | 6,958.29            | 42.44           | 39.08       | -138.76               | 1393.00                           | -92.26     | 1457.50              | 1391.10               | 86.50                   | 17.519            |                    |         |
| 7,900.00                   | 6,941.46            | 7,038.38            | 6,957.38            | 44.11           | 40.47       | -138.79               | 1409.21                           | -93.38     | 1475.05              | 1408.31               | 87.50                   | 17.554            |                    |         |
| 8,000.00                   | 6,940.55            | 7,037.47            | 6,956.47            | 45.90           | 41.86       | -138.82               | 1425.42                           | -94.50     | 1492.60              | 1425.52               | 88.50                   | 17.589            |                    |         |
| 8,100.00                   | 6,939.64            | 7,036.56            | 6,955.56            | 47.80           | 43.25       | -138.85               | 1441.63                           | -95.62     | 1510.15              | 1442.73               | 89.50                   | 17.624            |                    |         |
| 8,200.00                   | 6,938.72            | 7,035.65            | 6,954.65            | 49.79           | 44.64       | -138.88               | 1457.84                           | -96.74     | 1527.70              | 1459.94               | 90.50                   | 17.659            |                    |         |
| 8,300.00                   | 6,937.81            | 7,034.74            | 6,953.74            | 51.86           | 46.03       | -138.91               | 1474.05                           | -97.86     | 1545.25              | 1477.15               | 91.50                   | 17.694            |                    |         |
| 8,400.00                   | 6,936.90            | 7,033.83            | 6,952.83            | 54.01           | 47.42       | -138.94               | 1490.26                           | -98.98     | 1562.80              | 1494.36               | 92.50                   | 17.729            |                    |         |
| 8,500.00                   | 6,935.99            | 7,032.92            | 6,951.92            | 56.21           | 48.81       | -138.97               | 1506.47                           | -100.10    | 1580.35              | 1511.57               | 93.50                   | 17.764            |                    |         |
| 8,600.00                   | 6,935.08            | 7,032.01            | 6,951.01            | 58.47           | 50.20       | -139.00               | 1522.68                           | -101.22    | 1597.90              | 1528.78               | 94.50                   | 17.799            |                    |         |
| 8,700.00                   | 6,934.17            | 7,031.10            | 6,950.10            | 60.78           | 51.59       | -139.03               | 1538.89                           | -102.34    | 1615.45              | 1545.99               | 95.50                   | 17.834            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                   | 6,933.25            | 6,564.43            | 6,473.62            | 63.13           | 30.23       | -25.39                | 1,005.99                          | -0.16      | 1,121.01             | 1,058.86              | 62.15                   | 18.036            |                    |         |
| 8,900.00                   | 6,932.34            | 6,550.00            | 6,460.71            | 65.52           | 30.18       | -24.98                | 1,003.82                          | -6.25      | 1,210.26             | 1,147.64              | 62.62                   | 19.326            |                    |         |
| 9,000.00                   | 6,931.43            | 6,550.00            | 6,460.71            | 67.95           | 30.18       | -24.98                | 1,003.82                          | -6.25      | 1,300.85             | 1,237.66              | 63.19                   | 20.586            |                    |         |
| 9,100.00                   | 6,930.52            | 6,522.30            | 6,435.58            | 70.40           | 30.08       | -24.23                | 999.60                            | -17.09     | 1,391.85             | 1,328.52              | 63.33                   | 21.978            |                    |         |
| 9,200.00                   | 6,929.61            | 6,500.00            | 6,415.02            | 72.89           | 29.99       | -23.68                | 996.15                            | -25.01     | 1,484.06             | 1,420.55              | 63.51                   | 23.368            |                    |         |
| 9,300.00                   | 6,928.69            | 6,500.00            | 6,415.02            | 75.40           | 29.99       | -23.68                | 996.15                            | -25.01     | 1,576.71             | 1,512.84              | 63.86                   | 24.688            |                    |         |
| 9,400.00                   | 6,927.78            | 6,500.00            | 6,415.02            | 77.93           | 29.99       | -23.68                | 996.15                            | -25.01     | 1,670.21             | 1,606.05              | 64.16                   | 26.033            |                    |         |
| 9,500.00                   | 6,926.87            | 6,481.25            | 6,397.53            | 80.48           | 29.92       | -23.23                | 993.21                            | -31.10     | 1,764.04             | 1,699.77              | 64.27                   | 27.447            |                    |         |
| 9,600.00                   | 6,925.96            | 6,472.92            | 6,389.71            | 83.05           | 29.88       | -23.04                | 991.90                            | -33.64     | 1,858.46             | 1,794.02              | 64.44                   | 28.841            |                    |         |
| 9,700.00                   | 6,925.05            | 6,450.00            | 6,368.01            | 85.64           | 29.79       | -22.55                | 988.26                            | -40.08     | 1,953.55             | 1,889.05              | 64.50                   | 30.286            |                    |         |
| 9,800.00                   | 6,924.14            | 6,450.00            | 6,368.01            | 88.25           | 29.79       | -22.55                | 988.26                            | -40.08     | 2,048.60             | 1,983.92              | 64.68                   | 31.672            |                    |         |
| 9,900.00                   | 6,923.22            | 6,450.00            | 6,368.01            | 90.86           | 29.79       | -22.55                | 988.26                            | -40.08     | 2,144.11             | 2,079.27              | 64.83                   | 33.071            |                    |         |
| 10,000.00                  | 6,922.31            | 6,450.00            | 6,368.01            | 93.50           | 29.79       | -22.55                | 988.26                            | -40.08     | 2,240.00             | 2,175.03              | 64.97                   | 34.480            |                    |         |
| 10,100.00                  | 6,921.40            | 6,450.00            | 6,368.01            | 96.14           | 29.79       | -22.55                | 988.26                            | -40.08     | 2,336.24             | 2,271.16              | 65.08                   | 35.897            |                    |         |
| 10,200.00                  | 6,920.49            | 6,450.00            | 6,368.01            | 98.79           | 29.79       | -22.55                | 988.26                            | -40.08     | 2,432.78             | 2,367.60              | 65.18                   | 37.322            |                    |         |
| 10,300.00                  | 6,919.58            | 6,428.69            | 6,347.66            | 101.45          | 29.70       | -22.11                | 984.85                            | -45.36     | 2,529.15             | 2,463.93              | 65.22                   | 38.781            |                    |         |
| 10,400.00                  | 6,918.67            | 6,423.87            | 6,343.02            | 104.13          | 29.68       | -22.02                | 984.08                            | -46.46     | 2,625.98             | 2,560.68              | 65.29                   | 40.218            |                    |         |
| 10,500.00                  | 6,917.75            | 6,419.32            | 6,338.65            | 106.81          | 29.66       | -21.93                | 983.34                            | -47.46     | 2,723.00             | 2,657.63              | 65.36                   | 41.658            |                    |         |
| 10,600.00                  | 6,916.84            | 6,400.00            | 6,319.99            | 109.50          | 29.58       | -21.57                | 980.22                            | -51.36     | 2,820.40             | 2,755.00              | 65.40                   | 43.125            |                    |         |
| 10,700.00                  | 6,915.93            | 6,400.00            | 6,319.99            | 112.19          | 29.58       | -21.57                | 980.22                            | -51.36     | 2,917.65             | 2,852.17              | 65.48                   | 44.561            |                    |         |
| 10,800.00                  | 6,915.02            | 6,400.00            | 6,319.99            | 114.90          | 29.58       | -21.57                | 980.22                            | -51.36     | 3,015.07             | 2,949.53              | 65.54                   | 46.001            |                    |         |
| 10,900.00                  | 6,914.11            | 6,400.00            | 6,319.99            | 117.61          | 29.58       | -21.57                | 980.22                            | -51.36     | 3,112.66             | 3,047.05              | 65.61                   | 47.443            |                    |         |
| 11,000.00                  | 6,913.20            | 6,400.00            | 6,319.99            | 120.32          | 29.58       | -21.57                | 980.22                            | -51.36     | 3,210.40             | 3,144.73              | 65.67                   | 48.888            |                    |         |
| 11,100.00                  | 6,912.28            | 6,400.00            | 6,319.99            | 123.04          | 29.58       | -21.57                | 980.22                            | -51.36     | 3,308.27             | 3,242.55              | 65.73                   | 50.334            |                    |         |
| 11,200.00                  | 6,911.37            | 6,400.00            | 6,319.99            | 125.77          | 29.58       | -21.57                | 980.22                            | -51.36     | 3,406.27             | 3,340.49              | 65.78                   | 51.782            |                    |         |
| 11,300.00                  | 6,910.46            | 6,400.00            | 6,319.99            | 128.50          | 29.58       | -21.57                | 980.22                            | -51.36     | 3,504.38             | 3,438.54              | 65.83                   | 53.231            |                    |         |
| 11,400.00                  | 6,909.55            | 6,400.00            | 6,319.99            | 131.24          | 29.58       | -21.57                | 980.22                            | -51.36     | 3,602.59             | 3,536.71              | 65.88                   | 54.680            |                    |         |
| 11,500.00                  | 6,908.64            | 6,400.00            | 6,319.99            | 133.98          | 29.58       | -21.57                | 980.22                            | -51.36     | 3,700.90             | 3,634.96              | 65.93                   | 56.130            |                    |         |
| 11,600.00                  | 6,907.73            | 6,400.00            | 6,319.99            | 136.72          | 29.58       | -21.57                | 980.22                            | -51.36     | 3,799.30             | 3,733.31              | 65.98                   | 57.579            |                    |         |
| 11,700.00                  | 6,906.81            | 6,400.00            | 6,319.99            | 139.47          | 29.58       | -21.57                | 980.22                            | -51.36     | 3,897.78             | 3,831.74              | 66.03                   | 59.029            |                    |         |
| 11,800.00                  | 6,905.90            | 6,377.66            | 6,298.27            | 142.22          | 29.48       | -21.17                | 976.58                            | -55.16     | 3,995.87             | 3,929.81              | 66.06                   | 60.484            |                    |         |
| 11,900.00                  | 6,904.99            | 6,375.38            | 6,296.05            | 144.97          | 29.47       | -21.13                | 976.21                            | -55.51     | 4,094.40             | 4,028.29              | 66.11                   | 61.932            |                    |         |
| 12,000.00                  | 6,904.08            | 6,373.20            | 6,293.93            | 147.73          | 29.46       | -21.10                | 975.86                            | -55.83     | 4,192.99             | 4,126.84              | 66.16                   | 63.378            |                    |         |
| 12,100.00                  | 6,903.17            | 6,350.00            | 6,271.23            | 150.49          | 29.36       | -20.72                | 972.06                            | -58.79     | 4,292.04             | 4,225.85              | 66.20                   | 64.839            |                    |         |
| 12,200.00                  | 6,902.26            | 6,350.00            | 6,271.23            | 153.26          | 29.36       | -20.72                | 972.06                            | -58.79     | 4,390.67             | 4,324.43              | 66.24                   | 66.280            |                    |         |
| 12,300.00                  | 6,901.34            | 6,350.00            | 6,271.23            | 156.02          | 29.36       | -20.72                | 972.06                            | -58.79     | 4,489.36             | 4,423.06              | 66.29                   | 67.720            |                    |         |
| 12,400.00                  | 6,900.43            | 6,350.00            | 6,271.23            | 158.79          | 29.36       | -20.72                | 972.06                            | -58.79     | 4,588.10             | 4,521.76              | 66.34                   | 69.158            |                    |         |
| 12,500.00                  | 6,899.52            | 6,350.00            | 6,271.23            | 161.56          | 29.36       | -20.72                | 972.06                            | -58.79     | 4,686.90             | 4,620.51              | 66.39                   | 70.596            |                    |         |
| 12,600.00                  | 6,898.61            | 6,350.00            | 6,271.23            | 164.34          | 29.36       | -20.72                | 972.06                            | -58.79     | 4,785.75             | 4,719.31              | 66.44                   | 72.031            |                    |         |
| 12,700.00                  | 6,897.70            | 6,350.00            | 6,271.23            | 167.11          | 29.36       | -20.72                | 972.06                            | -58.79     | 4,884.64             | 4,818.15              | 66.49                   | 73.465            |                    |         |
| 12,800.00                  | 6,896.79            | 6,350.00            | 6,271.23            | 169.89          | 29.36       | -20.72                | 972.06                            | -58.79     | 4,983.58             | 4,917.04              | 66.54                   | 74.897            |                    |         |
| 12,900.00                  | 6,895.87            | 6,350.00            | 6,271.23            | 172.67          | 29.36       | -20.72                | 972.06                            | -58.79     | 5,082.56             | 5,015.97              | 66.59                   | 76.327            |                    |         |
| 13,000.00                  | 6,894.96            | 6,350.00            | 6,271.23            | 175.45          | 29.36       | -20.72                | 972.06                            | -58.79     | 5,181.58             | 5,114.94              | 66.64                   | 77.755            |                    |         |
| 13,100.00                  | 6,894.05            | 6,350.00            | 6,271.23            | 178.23          | 29.36       | -20.72                | 972.06                            | -58.79     | 5,280.64             | 5,213.95              | 66.69                   | 79.181            |                    |         |
| 13,200.00                  | 6,893.14            | 6,350.00            | 6,271.23            | 181.02          | 29.36       | -20.72                | 972.06                            | -58.79     | 5,379.73             | 5,312.99              | 66.74                   | 80.605            |                    |         |
| 13,300.00                  | 6,892.23            | 6,350.00            | 6,271.23            | 183.80          | 29.36       | -20.72                | 972.06                            | -58.79     | 5,478.85             | 5,412.06              | 66.79                   | 82.026            |                    |         |
| 13,400.00                  | 6,891.31            | 6,350.00            | 6,271.23            | 186.59          | 29.36       | -20.72                | 972.06                            | -58.79     | 5,578.01             | 5,511.16              | 66.85                   | 83.445            |                    |         |
| 13,500.00                  | 6,890.40            | 6,350.00            | 6,271.23            | 189.38          | 29.36       | -20.72                | 972.06                            | -58.79     | 5,677.19             | 5,610.29              | 66.90                   | 84.861            |                    |         |
| 13,600.00                  | 6,889.49            | 6,350.00            | 6,271.23            | 192.17          | 29.36       | -20.72                | 972.06                            | -58.79     | 5,776.41             | 5,709.45              | 66.95                   | 86.275            |                    |         |
| 13,700.00                  | 6,888.58            | 6,350.00            | 6,271.23            | 194.97          | 29.36       | -20.72                | 972.06                            | -58.79     | 5,875.65             | 5,808.64              | 67.01                   | 87.685            |                    |         |
| 13,800.00                  | 6,887.67            | 6,350.00            | 6,271.23            | 197.76          | 29.36       | -20.72                | 972.06                            | -58.79     | 5,974.91             | 5,907.85              | 67.06                   | 89.093            |                    |         |
| 13,900.00                  | 6,886.76            | 6,350.00            | 6,271.23            | 200.56          | 29.36       | -20.72                | 972.06                            | -58.79     | 6,074.20             | 6,007.08              | 67.12                   | 90.498            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00                  | 6,885.84            | 6,350.00            | 6,271.23            | 203.35          | 29.36       | -20.72                | 972.06                            | -58.79     | 6,173.51             | 6,106.34              | 67.18                   | 91.901            |                    |         |
| 14,100.00                  | 6,884.93            | 6,350.00            | 6,271.23            | 206.15          | 29.36       | -20.72                | 972.06                            | -58.79     | 6,272.85             | 6,205.61              | 67.23                   | 93.300            |                    |         |
| 14,200.00                  | 6,884.02            | 6,350.00            | 6,271.23            | 208.95          | 29.36       | -20.72                | 972.06                            | -58.79     | 6,372.20             | 6,304.91              | 67.29                   | 94.696            |                    |         |
| 14,300.00                  | 6,883.11            | 6,350.00            | 6,271.23            | 211.75          | 29.36       | -20.72                | 972.06                            | -58.79     | 6,471.58             | 6,404.23              | 67.35                   | 96.088            |                    |         |
| 14,400.00                  | 6,882.20            | 6,350.00            | 6,271.23            | 214.55          | 29.36       | -20.72                | 972.06                            | -58.79     | 6,570.97             | 6,503.56              | 67.41                   | 97.478            |                    |         |
| 14,500.00                  | 6,881.29            | 6,350.00            | 6,271.23            | 217.35          | 29.36       | -20.72                | 972.06                            | -58.79     | 6,670.38             | 6,602.91              | 67.47                   | 98.864            |                    |         |
| 14,600.00                  | 6,880.37            | 6,350.00            | 6,271.23            | 220.15          | 29.36       | -20.72                | 972.06                            | -58.79     | 6,769.81             | 6,702.28              | 67.53                   | 100.247           |                    |         |
| 14,700.00                  | 6,879.46            | 6,350.00            | 6,271.23            | 222.95          | 29.36       | -20.72                | 972.06                            | -58.79     | 6,869.26             | 6,801.67              | 67.59                   | 101.627           |                    |         |
| 14,800.00                  | 6,878.55            | 6,350.00            | 6,271.23            | 225.76          | 29.36       | -20.72                | 972.06                            | -58.79     | 6,968.72             | 6,901.06              | 67.66                   | 103.003           |                    |         |
| 14,900.00                  | 6,877.64            | 6,350.00            | 6,271.23            | 228.56          | 29.36       | -20.72                | 972.06                            | -58.79     | 7,068.20             | 7,000.48              | 67.72                   | 104.376           |                    |         |
| 15,000.00                  | 6,876.73            | 6,350.00            | 6,271.23            | 231.37          | 29.36       | -20.72                | 972.06                            | -58.79     | 7,167.69             | 7,099.91              | 67.78                   | 105.745           |                    |         |
| 15,100.00                  | 6,875.82            | 6,350.00            | 6,271.23            | 234.18          | 29.36       | -20.72                | 972.06                            | -58.79     | 7,267.19             | 7,199.35              | 67.85                   | 107.110           |                    |         |
| 15,200.00                  | 6,874.90            | 6,350.00            | 6,271.23            | 236.98          | 29.36       | -20.72                | 972.06                            | -58.79     | 7,366.71             | 7,298.80              | 67.91                   | 108.472           |                    |         |
| 15,300.00                  | 6,873.99            | 6,350.00            | 6,271.23            | 239.79          | 29.36       | -20.72                | 972.06                            | -58.79     | 7,466.24             | 7,398.26              | 67.98                   | 109.830           |                    |         |
| 15,400.00                  | 6,873.08            | 6,350.00            | 6,271.23            | 242.60          | 29.36       | -20.72                | 972.06                            | -58.79     | 7,565.79             | 7,497.74              | 68.05                   | 111.184           |                    |         |
| 15,500.00                  | 6,872.17            | 6,350.00            | 6,271.23            | 245.41          | 29.36       | -20.72                | 972.06                            | -58.79     | 7,665.34             | 7,597.23              | 68.12                   | 112.535           |                    |         |
| 15,600.00                  | 6,871.26            | 6,350.00            | 6,271.23            | 248.22          | 29.36       | -20.72                | 972.06                            | -58.79     | 7,764.91             | 7,696.73              | 68.18                   | 113.882           |                    |         |
| 15,700.00                  | 6,870.35            | 6,350.00            | 6,271.23            | 251.03          | 29.36       | -20.72                | 972.06                            | -58.79     | 7,864.49             | 7,796.24              | 68.25                   | 115.225           |                    |         |
| 15,737.91                  | 6,870.00            | 6,350.00            | 6,271.23            | 252.10          | 29.36       | -20.72                | 972.06                            | -58.79     | 7,902.24             | 7,833.96              | 68.28                   | 115.733           |                    |         |
| 15,738.53                  | 6,869.99            | 6,350.00            | 6,271.23            | 252.11          | 29.36       | -20.72                | 972.06                            | -58.79     | 7,902.86             | 7,834.58              | 68.28                   | 115.741           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 5.85                  | 29.87                             | 3.06       | 30.03                |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | 5.85                  | 29.87                             | 3.06       | 30.03                | 23.46                 | 6.57                    | 4.571             |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | 5.85                  | 29.87                             | 3.06       | 30.03                | 23.36                 | 6.67                    | 4.499 CC, ES      |                    |         |
| 300.00                     | 298.00              | 298.94              | 298.92              | 3.44            | 3.44        | 5.38                  | 31.58                             | 2.98       | 31.74                | 24.84                 | 6.90                    | 4.600             |                    |         |
| 400.00                     | 399.98              | 397.71              | 397.56              | 3.60            | 3.60        | -27.10                | 36.68                             | 2.72       | 35.31                | 28.07                 | 7.24                    | 4.876             |                    |         |
| 500.00                     | 499.84              | 496.30              | 495.77              | 3.81            | 3.81        | -31.76                | 45.16                             | 2.29       | 39.36                | 31.68                 | 7.68                    | 5.127             |                    |         |
| 550.00                     | 549.68              | 545.51              | 544.67              | 3.93            | 3.93        | -34.70                | 50.66                             | 2.01       | 41.68                | 33.75                 | 7.93                    | 5.259             |                    |         |
| 600.00                     | 599.45              | 594.64              | 593.39              | 4.06            | 4.05        | -40.27                | 56.98                             | 1.69       | 44.33                | 36.14                 | 8.19                    | 5.413             |                    |         |
| 700.00                     | 698.71              | 707.18              | 690.39              | 4.33            | 4.38        | -50.50                | 72.07                             | 0.92       | 51.15                | 42.34                 | 8.80                    | 5.811             |                    |         |
| 800.00                     | 797.49              | 807.78              | 788.41              | 4.64            | 4.68        | -60.50                | 88.63                             | 0.09       | 58.45                | 49.06                 | 9.39                    | 6.223             |                    |         |
| 900.00                     | 895.68              | 908.57              | 886.23              | 4.97            | 5.01        | -70.84                | 105.15                            | -0.75      | 65.84                | 55.80                 | 10.04                   | 6.560             |                    |         |
| 1,000.00                   | 993.14              | 990.32              | 983.73              | 5.33            | 5.30        | -81.43                | 121.62                            | -1.59      | 74.33                | 63.67                 | 10.66                   | 6.971             |                    |         |
| 1,039.84                   | 1,031.75            | 1,029.60            | 1,022.46            | 5.48            | 5.45        | -85.64                | 128.17                            | -1.92      | 78.24                | 67.29                 | 10.95                   | 7.147             |                    |         |
| 1,100.00                   | 1,089.94            | 1,088.86            | 1,080.89            | 5.72            | 5.67        | -91.25                | 138.04                            | -2.42      | 84.84                | 73.45                 | 11.39                   | 7.448             |                    |         |
| 1,200.00                   | 1,186.67            | 1,187.36            | 1,178.01            | 6.13            | 6.05        | -98.78                | 154.44                            | -3.25      | 97.28                | 85.12                 | 12.16                   | 8.000             |                    |         |
| 1,300.00                   | 1,283.39            | 1,285.87            | 1,275.14            | 6.55            | 6.44        | -104.55               | 170.85                            | -4.08      | 111.00               | 98.04                 | 12.96                   | 8.568             |                    |         |
| 1,400.00                   | 1,380.12            | 1,384.37            | 1,372.26            | 6.99            | 6.84        | -109.03               | 187.26                            | -4.91      | 125.59               | 111.82                | 13.77                   | 9.118             |                    |         |
| 1,500.00                   | 1,476.85            | 1,482.87            | 1,469.39            | 7.45            | 7.24        | -112.57               | 203.66                            | -5.74      | 140.78               | 126.17                | 14.61                   | 9.636             |                    |         |
| 1,600.00                   | 1,573.57            | 1,581.38            | 1,566.51            | 7.90            | 7.66        | -115.41               | 220.07                            | -6.57      | 156.40               | 140.94                | 15.46                   | 10.116            |                    |         |
| 1,700.00                   | 1,670.30            | 1,679.88            | 1,663.64            | 8.37            | 8.07        | -117.74               | 236.47                            | -7.40      | 172.32               | 156.00                | 16.32                   | 10.557            |                    |         |
| 1,800.00                   | 1,767.03            | 1,778.38            | 1,760.76            | 8.85            | 8.50        | -119.67               | 252.88                            | -8.24      | 188.48               | 171.28                | 17.20                   | 10.961            |                    |         |
| 1,900.00                   | 1,863.75            | 1,876.89            | 1,857.88            | 9.32            | 8.92        | -121.29               | 269.29                            | -9.07      | 204.81               | 186.73                | 18.08                   | 11.330            |                    |         |
| 2,000.00                   | 1,960.48            | 1,975.39            | 1,955.01            | 9.81            | 9.35        | -122.68               | 285.69                            | -9.90      | 221.28               | 202.31                | 18.97                   | 11.668            |                    |         |
| 2,100.00                   | 2,057.21            | 2,073.90            | 2,052.13            | 10.29           | 9.79        | -123.87               | 302.10                            | -10.73     | 237.85               | 217.99                | 19.86                   | 11.977            |                    |         |
| 2,200.00                   | 2,153.93            | 2,172.40            | 2,149.26            | 10.78           | 10.22       | -124.91               | 318.51                            | -11.56     | 254.52               | 233.76                | 20.76                   | 12.260            |                    |         |
| 2,300.00                   | 2,250.66            | 2,270.90            | 2,246.38            | 11.28           | 10.66       | -125.82               | 334.91                            | -12.39     | 271.25               | 249.59                | 21.67                   | 12.520            |                    |         |
| 2,400.00                   | 2,347.39            | 2,369.41            | 2,343.51            | 11.77           | 11.10       | -126.62               | 351.32                            | -13.22     | 288.05               | 265.47                | 22.57                   | 12.760            |                    |         |
| 2,500.00                   | 2,444.11            | 2,467.91            | 2,440.63            | 12.27           | 11.54       | -127.34               | 367.73                            | -14.05     | 304.89               | 281.40                | 23.49                   | 12.981            |                    |         |
| 2,600.00                   | 2,540.84            | 2,566.41            | 2,537.75            | 12.77           | 11.99       | -127.98               | 384.13                            | -14.88     | 321.77               | 297.37                | 24.40                   | 13.185            |                    |         |
| 2,700.00                   | 2,637.57            | 2,664.92            | 2,634.88            | 13.27           | 12.43       | -128.55               | 400.54                            | -15.72     | 338.69               | 313.37                | 25.32                   | 13.375            |                    |         |
| 2,800.00                   | 2,734.30            | 2,763.42            | 2,732.00            | 13.78           | 12.88       | -129.08               | 416.94                            | -16.55     | 355.64               | 329.40                | 26.25                   | 13.551            |                    |         |
| 2,900.00                   | 2,831.02            | 2,861.93            | 2,829.13            | 14.28           | 13.32       | -129.55               | 433.35                            | -17.38     | 372.62               | 345.45                | 27.17                   | 13.714            |                    |         |
| 3,000.00                   | 2,927.75            | 2,960.43            | 2,926.25            | 14.79           | 13.77       | -129.98               | 449.76                            | -18.21     | 389.62               | 361.52                | 28.10                   | 13.867            |                    |         |
| 3,100.00                   | 3,024.48            | 3,058.93            | 3,023.38            | 15.29           | 14.22       | -130.38               | 466.16                            | -19.04     | 406.64               | 377.61                | 29.02                   | 14.010            |                    |         |
| 3,200.00                   | 3,121.20            | 3,157.44            | 3,120.50            | 15.80           | 14.67       | -130.75               | 482.57                            | -19.87     | 423.67               | 393.72                | 29.96                   | 14.144            |                    |         |
| 3,300.00                   | 3,217.93            | 3,255.94            | 3,217.62            | 16.31           | 15.12       | -131.08               | 498.98                            | -20.70     | 440.72               | 409.84                | 30.89                   | 14.269            |                    |         |
| 3,400.00                   | 3,314.66            | 3,354.44            | 3,314.75            | 16.82           | 15.57       | -131.39               | 515.38                            | -21.53     | 457.79               | 425.97                | 31.82                   | 14.387            |                    |         |
| 3,500.00                   | 3,411.38            | 3,452.95            | 3,411.87            | 17.33           | 16.02       | -131.68               | 531.79                            | -22.36     | 474.87               | 442.11                | 32.75                   | 14.498            |                    |         |
| 3,600.00                   | 3,508.11            | 3,551.45            | 3,509.00            | 17.84           | 16.48       | -131.95               | 548.19                            | -23.20     | 491.95               | 458.26                | 33.69                   | 14.602            |                    |         |
| 3,700.00                   | 3,604.84            | 3,649.96            | 3,606.12            | 18.36           | 16.93       | -132.20               | 564.60                            | -24.03     | 509.05               | 474.42                | 34.63                   | 14.701            |                    |         |
| 3,800.00                   | 3,701.56            | 3,748.46            | 3,703.25            | 18.87           | 17.38       | -132.44               | 581.01                            | -24.86     | 526.16               | 490.59                | 35.57                   | 14.794            |                    |         |
| 3,900.00                   | 3,798.29            | 3,846.96            | 3,800.37            | 19.38           | 17.84       | -132.66               | 597.41                            | -25.69     | 543.27               | 506.77                | 36.50                   | 14.882            |                    |         |
| 4,000.00                   | 3,895.02            | 3,945.47            | 3,897.49            | 19.89           | 18.29       | -132.86               | 613.82                            | -26.52     | 560.40               | 522.95                | 37.44                   | 14.966            |                    |         |
| 4,100.00                   | 3,991.74            | 4,043.97            | 3,994.62            | 20.41           | 18.75       | -133.06               | 630.23                            | -27.35     | 577.52               | 539.14                | 38.39                   | 15.045            |                    |         |
| 4,200.00                   | 4,088.47            | 4,142.47            | 4,091.74            | 20.92           | 19.20       | -133.24               | 646.63                            | -28.18     | 594.66               | 555.33                | 39.33                   | 15.121            |                    |         |
| 4,300.00                   | 4,185.20            | 4,240.98            | 4,188.87            | 21.44           | 19.66       | -133.41               | 663.04                            | -29.01     | 611.80               | 571.53                | 40.27                   | 15.193            |                    |         |
| 4,400.00                   | 4,281.92            | 4,339.48            | 4,285.99            | 21.95           | 20.11       | -133.58               | 679.45                            | -29.84     | 628.95               | 587.73                | 41.21                   | 15.261            |                    |         |
| 4,500.00                   | 4,378.65            | 4,437.99            | 4,383.12            | 22.47           | 20.57       | -133.73               | 695.85                            | -30.68     | 646.10               | 603.94                | 42.16                   | 15.326            |                    |         |
| 4,600.00                   | 4,475.38            | 4,536.49            | 4,480.24            | 22.99           | 21.03       | -133.88               | 712.26                            | -31.51     | 663.25               | 620.15                | 43.10                   | 15.389            |                    |         |
| 4,700.00                   | 4,572.10            | 4,634.99            | 4,577.36            | 23.50           | 21.48       | -134.02               | 728.66                            | -32.34     | 680.41               | 636.37                | 44.04                   | 15.448            |                    |         |
| 4,800.00                   | 4,668.83            | 4,733.50            | 4,674.49            | 24.02           | 21.94       | -134.15               | 745.07                            | -33.17     | 697.57               | 652.58                | 44.99                   | 15.505            |                    |         |
| 4,900.00                   | 4,765.56            | 4,832.00            | 4,771.61            | 24.53           | 22.40       | -134.28               | 761.48                            | -34.00     | 714.74               | 668.80                | 45.94                   | 15.560            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                   | 4,862.28            | 4,930.50            | 4,868.74            | 25.05           | 22.85       | -134.40               | 777.88                            | -34.83     | 731.91               | 685.03                | 46.88                   | 15.612            |                    |         |
| 5,100.00                   | 4,959.01            | 5,029.01            | 4,965.86            | 25.57           | 23.31       | -134.51               | 794.29                            | -35.66     | 749.08               | 701.25                | 47.83                   | 15.662            |                    |         |
| 5,200.00                   | 5,055.74            | 5,127.51            | 5,062.99            | 26.09           | 23.77       | -134.62               | 810.70                            | -36.49     | 766.25               | 717.48                | 48.77                   | 15.710            |                    |         |
| 5,300.00                   | 5,152.46            | 5,226.02            | 5,160.11            | 26.60           | 24.23       | -134.73               | 827.10                            | -37.32     | 783.43               | 733.71                | 49.72                   | 15.756            |                    |         |
| 5,400.00                   | 5,249.19            | 5,324.52            | 5,257.24            | 27.12           | 24.68       | -134.83               | 843.51                            | -38.16     | 800.61               | 749.94                | 50.67                   | 15.801            |                    |         |
| 5,500.00                   | 5,345.92            | 5,423.02            | 5,354.36            | 27.64           | 25.14       | -134.92               | 859.91                            | -38.99     | 817.79               | 766.18                | 51.62                   | 15.843            |                    |         |
| 5,600.00                   | 5,442.65            | 5,521.53            | 5,451.48            | 28.16           | 25.60       | -135.02               | 876.32                            | -39.82     | 834.98               | 782.41                | 52.57                   | 15.884            |                    |         |
| 5,700.00                   | 5,539.37            | 5,620.03            | 5,548.61            | 28.68           | 26.06       | -135.10               | 892.73                            | -40.65     | 852.16               | 798.65                | 53.51                   | 15.924            |                    |         |
| 5,800.00                   | 5,636.10            | 5,718.53            | 5,645.73            | 29.20           | 26.52       | -135.19               | 909.13                            | -41.48     | 869.35               | 814.89                | 54.46                   | 15.962            |                    |         |
| 5,900.00                   | 5,732.83            | 5,817.04            | 5,742.86            | 29.71           | 26.98       | -135.27               | 925.54                            | -42.31     | 886.54               | 831.13                | 55.41                   | 15.999            |                    |         |
| 6,000.00                   | 5,829.55            | 5,915.54            | 5,839.98            | 30.23           | 27.44       | -135.35               | 941.95                            | -43.14     | 903.73               | 847.37                | 56.36                   | 16.034            |                    |         |
| 6,100.00                   | 5,926.28            | 6,014.05            | 5,937.11            | 30.75           | 27.89       | -135.42               | 958.35                            | -43.97     | 920.93               | 863.61                | 57.31                   | 16.069            |                    |         |
| 6,200.00                   | 6,023.01            | 6,109.79            | 6,038.03            | 31.27           | 28.34       | -135.49               | 974.75                            | -44.79     | 938.10               | 879.78                | 58.26                   | 16.104            |                    |         |
| 6,300.00                   | 6,119.73            | 6,210.51            | 6,148.21            | 31.79           | 28.79       | -135.56               | 991.16                            | -45.61     | 955.27               | 895.95                | 59.21                   | 16.139            |                    |         |
| 6,397.75                   | 6,214.28            | 6,302.11            | 6,250.39            | 32.30           | 29.24       | -135.62               | 1,007.57                          | -46.43     | 972.40               | 912.10                | 60.16                   | 16.174            |                    |         |
| 6,400.00                   | 6,216.46            | 6,304.29            | 6,256.39            | 32.31           | 29.25       | -135.63               | 1,008.57                          | -46.44     | 973.40               | 913.10                | 60.17                   | 16.175            |                    |         |
| 6,450.00                   | 6,265.12            | 6,353.05            | 6,300.46            | 32.56           | 29.49       | -135.67               | 1,016.42                          | -46.71     | 981.25               | 920.95                | 60.30                   | 16.188            |                    |         |
| 6,500.00                   | 6,314.12            | 6,401.71            | 6,350.49            | 32.78           | 29.71       | -135.70               | 1,024.27                          | -46.97     | 989.10               | 928.80                | 60.43                   | 16.200            |                    |         |
| 6,550.00                   | 6,363.16            | 6,450.26            | 6,400.49            | 32.99           | 29.92       | -135.73               | 1,032.12                          | -47.23     | 996.95               | 936.65                | 60.56                   | 16.212            |                    |         |
| 6,600.00                   | 6,411.94            | 6,498.26            | 6,448.42            | 33.18           | 30.13       | -135.75               | 1,039.97                          | -47.49     | 1,004.80             | 944.50                | 60.69                   | 16.224            |                    |         |
| 6,650.00                   | 6,460.15            | 6,546.20            | 6,496.33            | 33.35           | 30.34       | -135.77               | 1,047.82                          | -47.75     | 1,012.65             | 952.35                | 60.82                   | 16.236            |                    |         |
| 6,700.00                   | 6,507.49            | 6,593.31            | 6,543.19            | 33.52           | 30.55       | -135.79               | 1,055.67                          | -48.01     | 1,020.50             | 960.20                | 60.95                   | 16.248            |                    |         |
| 6,750.00                   | 6,553.69            | 6,639.67            | 6,589.02            | 33.69           | 30.76       | -135.81               | 1,063.52                          | -48.27     | 1,028.35             | 968.05                | 61.08                   | 16.260            |                    |         |
| 6,800.00                   | 6,598.44            | 6,685.38            | 6,634.81            | 33.85           | 30.97       | -135.83               | 1,071.37                          | -48.53     | 1,036.20             | 975.90                | 61.21                   | 16.272            |                    |         |
| 6,850.00                   | 6,641.47            | 6,726.58            | 6,677.57            | 34.02           | 31.18       | -135.84               | 1,079.22                          | -48.79     | 1,044.05             | 983.75                | 61.34                   | 16.284            |                    |         |
| 6,900.00                   | 6,682.53            | 6,765.40            | 6,715.29            | 34.19           | 31.39       | -135.86               | 1,087.07                          | -49.05     | 1,051.90             | 991.60                | 61.47                   | 16.296            |                    |         |
| 6,950.00                   | 6,721.35            | 6,802.02            | 6,752.97            | 34.38           | 31.60       | -135.87               | 1,094.92                          | -49.31     | 1,059.75             | 999.45                | 61.60                   | 16.308            |                    |         |
| 7,000.00                   | 6,757.70            | 6,837.62            | 6,788.63            | 34.57           | 31.81       | -135.88               | 1,102.77                          | -49.57     | 1,067.60             | 1,007.30              | 61.73                   | 16.320            |                    |         |
| 7,050.00                   | 6,791.35            | 6,869.41            | 6,819.26            | 34.79           | 32.02       | -135.89               | 1,110.62                          | -49.83     | 1,075.45             | 1,015.15              | 61.86                   | 16.332            |                    |         |
| 7,100.00                   | 6,822.10            | 6,899.61            | 6,848.86            | 35.03           | 32.23       | -135.90               | 1,118.47                          | -50.09     | 1,083.30             | 1,023.00              | 61.99                   | 16.344            |                    |         |
| 7,150.00                   | 6,849.75            | 6,928.46            | 6,875.43            | 35.30           | 32.44       | -135.91               | 1,126.32                          | -50.35     | 1,091.15             | 1,030.85              | 62.12                   | 16.356            |                    |         |
| 7,200.00                   | 6,874.14            | 6,955.11            | 6,899.98            | 35.61           | 32.65       | -135.92               | 1,134.17                          | -50.61     | 1,099.00             | 1,038.70              | 62.25                   | 16.368            |                    |         |
| 7,250.00                   | 6,895.11            | 6,978.07            | 6,920.63            | 35.95           | 32.86       | -135.93               | 1,142.02                          | -50.87     | 1,106.85             | 1,046.55              | 62.38                   | 16.380            |                    |         |
| 7,300.00                   | 6,912.54            | 6,997.77            | 6,938.99            | 36.34           | 33.07       | -135.94               | 1,149.87                          | -51.13     | 1,114.70             | 1,054.40              | 62.51                   | 16.392            |                    |         |
| 7,348.52                   | 6,925.96            | 7,013.30            | 6,951.71            | 36.76           | 33.28       | -135.95               | 1,157.72                          | -51.39     | 1,122.55             | 1,062.25              | 62.64                   | 16.404            |                    |         |
| 7,350.00                   | 6,926.31            | 7,013.69            | 6,952.11            | 36.77           | 33.29       | -135.95               | 1,157.87                          | -51.40     | 1,122.60             | 1,062.30              | 62.65                   | 16.405            |                    |         |
| 7,400.00                   | 6,936.35            | 7,023.56            | 6,962.21            | 37.25           | 33.33       | -135.96               | 1,165.72                          | -51.66     | 1,130.45             | 1,070.15              | 62.78                   | 16.417            |                    |         |
| 7,450.00                   | 6,942.59            | 7,029.32            | 6,968.46            | 37.76           | 33.36       | -135.97               | 1,173.57                          | -51.92     | 1,138.30             | 1,078.00              | 62.91                   | 16.429            |                    |         |
| 7,500.00                   | 6,944.99            | 7,031.13            | 6,970.92            | 38.31           | 33.39       | -135.98               | 1,181.42                          | -52.18     | 1,146.15             | 1,085.85              | 63.04                   | 16.441            |                    |         |
| 7,512.10                   | 6,945.00            | 7,031.14            | 6,970.93            | 38.44           | 33.40       | -135.98               | 1,182.42                          | -52.19     | 1,147.15             | 1,086.85              | 63.05                   | 16.442            |                    |         |
| 7,600.00                   | 6,944.19            | 7,030.88            | 6,969.06            | 39.51           | 32.08       | -135.99               | 1,189.27                          | -52.45     | 1,154.00             | 1,093.70              | 63.18                   | 16.454            |                    |         |
| 7,700.00                   | 6,943.28            | 7,029.31            | 6,967.22            | 40.90           | 31.82       | -136.00               | 1,197.12                          | -52.71     | 1,161.85             | 1,101.55              | 63.31                   | 16.466            |                    |         |
| 7,800.00                   | 6,942.37            | 7,027.97            | 6,965.87            | 42.44           | 31.68       | -136.01               | 1,204.97                          | -52.97     | 1,169.70             | 1,109.40              | 63.44                   | 16.478            |                    |         |
| 7,900.00                   | 6,941.46            | 7,026.03            | 6,964.03            | 44.11           | 31.56       | -136.02               | 1,212.82                          | -53.23     | 1,177.55             | 1,117.25              | 63.57                   | 16.490            |                    |         |
| 8,000.00                   | 6,940.55            | 7,023.95            | 6,961.91            | 45.90           | 31.43       | -136.03               | 1,220.67                          | -53.49     | 1,185.40             | 1,125.10              | 63.70                   | 16.502            |                    |         |
| 8,100.00                   | 6,939.64            | 7,021.00            | 6,958.42            | 47.80           | 31.31       | -136.04               | 1,228.52                          | -53.75     | 1,193.25             | 1,132.95              | 63.83                   | 16.514            |                    |         |
| 8,200.00                   | 6,938.72            | 7,017.14            | 6,954.78            | 49.79           | 31.22       | -136.05               | 1,236.37                          | -54.01     | 1,201.10             | 1,140.80              | 63.96                   | 16.526            |                    |         |
| 8,300.00                   | 6,937.81            | 7,012.30            | 6,950.00            | 51.86           | 31.15       | -136.06               | 1,244.22                          | -54.27     | 1,208.95             | 1,148.65              | 64.09                   | 16.538            |                    |         |
| 8,400.00                   | 6,936.90            | 7,007.30            | 6,945.00            | 54.01           | 31.04       | -136.07               | 1,252.07                          | -54.53     | 1,216.80             | 1,156.50              | 64.22                   | 16.550            |                    |         |
| 8,500.00                   | 6,935.99            | 7,001.00            | 6,939.65            | 56.21           | 30.97       | -136.08               | 1,259.92                          | -54.79     | 1,224.65             | 1,164.35              | 64.35                   | 16.562            |                    |         |
| 8,600.00                   | 6,935.08            | 6,993.33            | 6,933.21            | 58.47           | 30.89       | -136.09               | 1,267.77                          | -55.05     | 1,232.50             | 1,172.20              | 64.48                   | 16.574            |                    |         |
| 8,700.00                   | 6,934.17            | 6,985.00            | 6,925.58            | 60.78           | 30.78       | -136.10               | 1,275.62                          | -55.31     | 1,240.35             | 1,180.05              | 64.61                   | 16.586            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                   | 6,933.25            | 6,650.00            | 6,558.58            | 63.13           | 30.78       | -23.20                | 1,063.87                          | -2.98      | 1,078.46             | 1,015.18              | 63.28                   | 17.042            |                    |         |
| 8,900.00                   | 6,932.34            | 6,634.45            | 6,544.26            | 65.52           | 30.72       | -22.72                | 1,061.39                          | -8.50      | 1,171.01             | 1,107.44              | 63.57                   | 18.422            |                    |         |
| 9,000.00                   | 6,931.43            | 6,622.41            | 6,533.08            | 67.95           | 30.67       | -22.38                | 1,059.45                          | -12.53     | 1,264.34             | 1,200.50              | 63.83                   | 19.807            |                    |         |
| 9,100.00                   | 6,930.52            | 6,600.00            | 6,512.08            | 70.40           | 30.58       | -21.77                | 1,055.82                          | -19.46     | 1,358.48             | 1,294.53              | 63.95                   | 21.243            |                    |         |
| 9,200.00                   | 6,929.61            | 6,600.00            | 6,512.08            | 72.89           | 30.58       | -21.77                | 1,055.82                          | -19.46     | 1,452.89             | 1,388.64              | 64.24                   | 22.615            |                    |         |
| 9,300.00                   | 6,928.69            | 6,600.00            | 6,512.08            | 75.40           | 30.58       | -21.77                | 1,055.82                          | -19.46     | 1,548.00             | 1,483.52              | 64.48                   | 24.008            |                    |         |
| 9,400.00                   | 6,927.78            | 6,600.00            | 6,512.08            | 77.93           | 30.58       | -21.77                | 1,055.82                          | -19.46     | 1,643.69             | 1,579.02              | 64.67                   | 25.416            |                    |         |
| 9,500.00                   | 6,926.87            | 6,576.61            | 6,489.92            | 80.48           | 30.48       | -21.19                | 1,052.00                          | -25.89     | 1,739.28             | 1,674.58              | 64.70                   | 26.883            |                    |         |
| 9,600.00                   | 6,925.96            | 6,569.58            | 6,483.21            | 83.05           | 30.45       | -21.02                | 1,050.85                          | -27.66     | 1,835.48             | 1,770.67              | 64.81                   | 28.321            |                    |         |
| 9,700.00                   | 6,925.05            | 6,550.00            | 6,464.44            | 85.64           | 30.37       | -20.58                | 1,047.62                          | -32.19     | 1,932.14             | 1,867.29              | 64.85                   | 29.794            |                    |         |
| 9,800.00                   | 6,924.14            | 6,550.00            | 6,464.44            | 88.25           | 30.37       | -20.58                | 1,047.62                          | -32.19     | 2,028.76             | 1,963.79              | 64.97                   | 31.226            |                    |         |
| 9,900.00                   | 6,923.22            | 6,550.00            | 6,464.44            | 90.86           | 30.37       | -20.58                | 1,047.62                          | -32.19     | 2,125.70             | 2,060.62              | 65.08                   | 32.665            |                    |         |
| 10,000.00                  | 6,922.31            | 6,550.00            | 6,464.44            | 93.50           | 30.37       | -20.58                | 1,047.62                          | -32.19     | 2,222.91             | 2,157.74              | 65.17                   | 34.111            |                    |         |
| 10,100.00                  | 6,921.40            | 6,550.00            | 6,464.44            | 96.14           | 30.37       | -20.58                | 1,047.62                          | -32.19     | 2,320.35             | 2,255.10              | 65.25                   | 35.562            |                    |         |
| 10,200.00                  | 6,920.49            | 6,550.00            | 6,464.44            | 98.79           | 30.37       | -20.58                | 1,047.62                          | -32.19     | 2,418.00             | 2,352.68              | 65.32                   | 37.018            |                    |         |
| 10,300.00                  | 6,919.58            | 6,550.00            | 6,464.44            | 101.45          | 30.37       | -20.58                | 1,047.62                          | -32.19     | 2,515.84             | 2,450.46              | 65.38                   | 38.478            |                    |         |
| 10,400.00                  | 6,918.67            | 6,528.42            | 6,443.60            | 104.13          | 30.28       | -20.13                | 1,044.05                          | -36.51     | 2,613.39             | 2,547.99              | 65.40                   | 39.962            |                    |         |
| 10,500.00                  | 6,917.75            | 6,524.62            | 6,439.92            | 106.81          | 30.26       | -20.06                | 1,043.42                          | -37.19     | 2,711.36             | 2,645.91              | 65.45                   | 41.427            |                    |         |
| 10,600.00                  | 6,916.84            | 6,521.04            | 6,436.44            | 109.50          | 30.24       | -19.99                | 1,042.82                          | -37.82     | 2,809.46             | 2,743.96              | 65.50                   | 42.893            |                    |         |
| 10,700.00                  | 6,915.93            | 6,500.00            | 6,415.96            | 112.19          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 2,907.96             | 2,842.44              | 65.52                   | 44.385            |                    |         |
| 10,800.00                  | 6,915.02            | 6,500.00            | 6,415.96            | 114.90          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 3,006.16             | 2,940.59              | 65.57                   | 45.846            |                    |         |
| 10,900.00                  | 6,914.11            | 6,500.00            | 6,415.96            | 117.61          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 3,104.47             | 3,038.85              | 65.62                   | 47.309            |                    |         |
| 11,000.00                  | 6,913.20            | 6,500.00            | 6,415.96            | 120.32          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 3,202.89             | 3,137.22              | 65.67                   | 48.772            |                    |         |
| 11,100.00                  | 6,912.28            | 6,500.00            | 6,415.96            | 123.04          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 3,301.41             | 3,235.69              | 65.72                   | 50.236            |                    |         |
| 11,200.00                  | 6,911.37            | 6,500.00            | 6,415.96            | 125.77          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 3,400.01             | 3,334.25              | 65.76                   | 51.700            |                    |         |
| 11,300.00                  | 6,910.46            | 6,500.00            | 6,415.96            | 128.50          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 3,498.69             | 3,432.88              | 65.81                   | 53.164            |                    |         |
| 11,400.00                  | 6,909.55            | 6,500.00            | 6,415.96            | 131.24          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 3,597.45             | 3,531.59              | 65.85                   | 54.628            |                    |         |
| 11,500.00                  | 6,908.64            | 6,500.00            | 6,415.96            | 133.98          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 3,696.27             | 3,630.37              | 65.90                   | 56.091            |                    |         |
| 11,600.00                  | 6,907.73            | 6,500.00            | 6,415.96            | 136.72          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 3,795.15             | 3,729.21              | 65.94                   | 57.554            |                    |         |
| 11,700.00                  | 6,906.81            | 6,500.00            | 6,415.96            | 139.47          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 3,894.09             | 3,828.10              | 65.98                   | 59.015            |                    |         |
| 11,800.00                  | 6,905.90            | 6,500.00            | 6,415.96            | 142.22          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 3,993.08             | 3,927.05              | 66.03                   | 60.476            |                    |         |
| 11,900.00                  | 6,904.99            | 6,500.00            | 6,415.96            | 144.97          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 4,092.12             | 4,026.05              | 66.07                   | 61.935            |                    |         |
| 12,000.00                  | 6,904.08            | 6,500.00            | 6,415.96            | 147.73          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 4,191.21             | 4,125.09              | 66.12                   | 63.392            |                    |         |
| 12,100.00                  | 6,903.17            | 6,500.00            | 6,415.96            | 150.49          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 4,290.34             | 4,224.18              | 66.16                   | 64.848            |                    |         |
| 12,200.00                  | 6,902.26            | 6,500.00            | 6,415.96            | 153.26          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 4,389.51             | 4,323.30              | 66.20                   | 66.303            |                    |         |
| 12,300.00                  | 6,901.34            | 6,500.00            | 6,415.96            | 156.02          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 4,488.71             | 4,422.46              | 66.25                   | 67.755            |                    |         |
| 12,400.00                  | 6,900.43            | 6,500.00            | 6,415.96            | 158.79          | 30.15       | -19.59                | 1,039.32                          | -41.09     | 4,587.95             | 4,521.66              | 66.29                   | 69.206            |                    |         |
| 12,500.00                  | 6,899.52            | 6,478.23            | 6,394.66            | 161.56          | 30.05       | -19.21                | 1,035.69                          | -43.76     | 4,686.80             | 4,620.48              | 66.33                   | 70.661            |                    |         |
| 12,600.00                  | 6,898.61            | 6,476.80            | 6,393.26            | 164.34          | 30.05       | -19.19                | 1,035.45                          | -43.91     | 4,786.05             | 4,719.68              | 66.37                   | 72.107            |                    |         |
| 12,700.00                  | 6,897.70            | 6,475.42            | 6,391.91            | 167.11          | 30.04       | -19.17                | 1,035.22                          | -44.05     | 4,885.32             | 4,818.90              | 66.42                   | 73.551            |                    |         |
| 12,800.00                  | 6,896.79            | 6,474.09            | 6,390.60            | 169.89          | 30.03       | -19.15                | 1,035.00                          | -44.18     | 4,984.62             | 4,918.16              | 66.47                   | 74.992            |                    |         |
| 12,900.00                  | 6,895.87            | 6,472.80            | 6,389.34            | 172.67          | 30.03       | -19.12                | 1,034.79                          | -44.31     | 5,083.95             | 5,017.43              | 66.52                   | 76.431            |                    |         |
| 13,000.00                  | 6,894.96            | 6,450.00            | 6,366.93            | 175.45          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 5,183.71             | 5,117.15              | 66.56                   | 77.885            |                    |         |
| 13,100.00                  | 6,894.05            | 6,450.00            | 6,366.93            | 178.23          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 5,283.03             | 5,216.42              | 66.61                   | 79.317            |                    |         |
| 13,200.00                  | 6,893.14            | 6,450.00            | 6,366.93            | 181.02          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 5,382.38             | 5,315.72              | 66.66                   | 80.746            |                    |         |
| 13,300.00                  | 6,892.23            | 6,450.00            | 6,366.93            | 183.80          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 5,481.75             | 5,415.04              | 66.71                   | 82.173            |                    |         |
| 13,400.00                  | 6,891.31            | 6,450.00            | 6,366.93            | 186.59          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 5,581.15             | 5,514.39              | 66.76                   | 83.597            |                    |         |
| 13,500.00                  | 6,890.40            | 6,450.00            | 6,366.93            | 189.38          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 5,680.56             | 5,613.75              | 66.82                   | 85.018            |                    |         |
| 13,600.00                  | 6,889.49            | 6,450.00            | 6,366.93            | 192.17          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 5,780.00             | 5,713.13              | 66.87                   | 86.436            |                    |         |
| 13,700.00                  | 6,888.58            | 6,450.00            | 6,366.93            | 194.97          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 5,879.46             | 5,812.53              | 66.93                   | 87.851            |                    |         |
| 13,800.00                  | 6,887.67            | 6,450.00            | 6,366.93            | 197.76          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 5,978.93             | 5,911.95              | 66.98                   | 89.263            |                    |         |
| 13,900.00                  | 6,886.76            | 6,450.00            | 6,366.93            | 200.56          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 6,078.42             | 6,011.38              | 67.04                   | 90.671            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00                  | 6,885.84            | 6,450.00            | 6,366.93            | 203.35          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 6,177.93             | 6,110.84              | 67.10                   | 92.077            |                    |         |
| 14,100.00                  | 6,884.93            | 6,450.00            | 6,366.93            | 206.15          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 6,277.45             | 6,210.30              | 67.15                   | 93.479            |                    |         |
| 14,200.00                  | 6,884.02            | 6,450.00            | 6,366.93            | 208.95          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 6,376.99             | 6,309.78              | 67.21                   | 94.878            |                    |         |
| 14,300.00                  | 6,883.11            | 6,450.00            | 6,366.93            | 211.75          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 6,476.54             | 6,409.27              | 67.27                   | 96.273            |                    |         |
| 14,400.00                  | 6,882.20            | 6,450.00            | 6,366.93            | 214.55          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 6,576.11             | 6,508.78              | 67.33                   | 97.666            |                    |         |
| 14,500.00                  | 6,881.29            | 6,450.00            | 6,366.93            | 217.35          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 6,675.69             | 6,608.30              | 67.39                   | 99.054            |                    |         |
| 14,600.00                  | 6,880.37            | 6,450.00            | 6,366.93            | 220.15          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 6,775.28             | 6,707.83              | 67.46                   | 100.439           |                    |         |
| 14,700.00                  | 6,879.46            | 6,450.00            | 6,366.93            | 222.95          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 6,874.89             | 6,807.37              | 67.52                   | 101.821           |                    |         |
| 14,800.00                  | 6,878.55            | 6,450.00            | 6,366.93            | 225.76          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 6,974.50             | 6,906.92              | 67.58                   | 103.198           |                    |         |
| 14,900.00                  | 6,877.64            | 6,450.00            | 6,366.93            | 228.56          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 7,074.13             | 7,006.48              | 67.65                   | 104.572           |                    |         |
| 15,000.00                  | 6,876.73            | 6,450.00            | 6,366.93            | 231.37          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 7,173.76             | 7,106.05              | 67.71                   | 105.943           |                    |         |
| 15,100.00                  | 6,875.82            | 6,450.00            | 6,366.93            | 234.18          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 7,273.41             | 7,205.63              | 67.78                   | 107.309           |                    |         |
| 15,200.00                  | 6,874.90            | 6,450.00            | 6,366.93            | 236.98          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 7,373.06             | 7,305.22              | 67.85                   | 108.672           |                    |         |
| 15,300.00                  | 6,873.99            | 6,450.00            | 6,366.93            | 239.79          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 7,472.73             | 7,404.81              | 67.91                   | 110.031           |                    |         |
| 15,400.00                  | 6,873.08            | 6,450.00            | 6,366.93            | 242.60          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 7,572.40             | 7,504.42              | 67.98                   | 111.386           |                    |         |
| 15,500.00                  | 6,872.17            | 6,450.00            | 6,366.93            | 245.41          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 7,672.08             | 7,604.03              | 68.05                   | 112.737           |                    |         |
| 15,600.00                  | 6,871.26            | 6,450.00            | 6,366.93            | 248.22          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 7,771.77             | 7,703.65              | 68.12                   | 114.084           |                    |         |
| 15,700.00                  | 6,870.35            | 6,450.00            | 6,366.93            | 251.03          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 7,871.47             | 7,803.28              | 68.19                   | 115.428           |                    |         |
| 15,737.91                  | 6,870.00            | 6,450.00            | 6,366.93            | 252.10          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 7,909.26             | 7,841.04              | 68.22                   | 115.936           |                    |         |
| 15,738.53                  | 6,869.99            | 6,450.00            | 6,366.93            | 252.11          | 29.93       | -18.76                | 1,030.98                          | -46.11     | 7,909.88             | 7,841.66              | 68.22                   | 115.944           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.43               | -194.18                           | -18.93     | 195.10               |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.43               | -194.18                           | -18.93     | 195.10               | 188.53                | 6.57                    | 29.698            |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.43               | -194.18                           | -18.93     | 195.10               | 188.42                | 6.67                    | 29.232 CC, ES     |                    |         |
| 300.00                     | 300.00              | 293.65              | 293.64              | 3.44            | 3.43        | -174.37               | -195.66                           | -19.30     | 196.71               | 189.83                | 6.89                    | 28.565            |                    |         |
| 400.00                     | 399.98              | 386.98              | 386.85              | 3.60            | 3.57        | 155.81                | -200.10                           | -20.39     | 203.15               | 195.94                | 7.21                    | 28.189            |                    |         |
| 500.00                     | 499.84              | 479.40              | 478.96              | 3.81            | 3.75        | 156.52                | -207.40                           | -22.18     | 215.98               | 208.36                | 7.62                    | 28.332            |                    |         |
| 550.00                     | 549.68              | 525.08              | 524.39              | 3.93            | 3.85        | 156.97                | -212.07                           | -23.33     | 224.79               | 216.92                | 7.86                    | 28.587            |                    |         |
| 600.00                     | 599.45              | 570.33              | 569.30              | 4.06            | 3.96        | 155.16                | -217.39                           | -24.64     | 235.13               | 227.01                | 8.12                    | 28.972            |                    |         |
| 700.00                     | 698.71              | 659.25              | 657.29              | 4.33            | 4.20        | 153.38                | -229.84                           | -27.71     | 260.24               | 251.58                | 8.65                    | 30.075            |                    |         |
| 800.00                     | 797.49              | 745.71              | 742.42              | 4.64            | 4.46        | 152.84                | -244.49                           | -31.31     | 291.20               | 281.97                | 9.23                    | 31.555            |                    |         |
| 900.00                     | 895.68              | 829.29              | 824.24              | 4.97            | 4.74        | 152.83                | -261.02                           | -35.38     | 327.89               | 318.07                | 9.82                    | 33.386            |                    |         |
| 1,000.00                   | 993.14              | 909.63              | 902.39              | 5.33            | 5.04        | 153.05                | -279.08                           | -39.82     | 370.15               | 359.73                | 10.42                   | 35.519            |                    |         |
| 1,039.84                   | 1,031.75            | 940.67              | 932.45              | 5.48            | 5.16        | 153.15                | -286.63                           | -41.68     | 388.49               | 377.83                | 10.67                   | 36.424            |                    |         |
| 1,100.00                   | 1,089.94            | 986.70              | 976.85              | 5.72            | 5.34        | 153.97                | -298.41                           | -44.58     | 417.28               | 406.26                | 11.02                   | 37.867            |                    |         |
| 1,200.00                   | 1,186.67            | 1,061.44            | 1,048.52            | 6.13            | 5.66        | 155.10                | -319.00                           | -49.64     | 467.12               | 455.52                | 11.60                   | 40.263            |                    |         |
| 1,300.00                   | 1,283.39            | 1,133.94            | 1,117.49            | 6.55            | 5.98        | 155.99                | -340.70                           | -54.99     | 519.30               | 507.13                | 12.18                   | 42.640            |                    |         |
| 1,400.00                   | 1,380.12            | 1,204.23            | 1,183.79            | 6.99            | 6.31        | 156.70                | -363.35                           | -60.56     | 573.68               | 560.94                | 12.75                   | 45.003            |                    |         |
| 1,500.00                   | 1,476.85            | 1,280.47            | 1,255.17            | 7.45            | 6.69        | 157.34                | -389.37                           | -66.96     | 629.84               | 616.48                | 13.36                   | 47.131            |                    |         |
| 1,600.00                   | 1,573.57            | 1,362.86            | 1,332.24            | 7.90            | 7.11        | 157.92                | -417.65                           | -73.92     | 686.25               | 672.21                | 14.04                   | 48.878            |                    |         |
| 1,700.00                   | 1,670.30            | 1,445.25            | 1,409.31            | 8.37            | 7.54        | 158.41                | -445.92                           | -80.88     | 742.69               | 727.96                | 14.74                   | 50.402            |                    |         |
| 1,800.00                   | 1,767.03            | 1,527.64            | 1,486.38            | 8.85            | 7.98        | 158.84                | -474.20                           | -87.84     | 799.17               | 783.72                | 15.45                   | 51.736            |                    |         |
| 1,900.00                   | 1,863.75            | 1,610.03            | 1,563.45            | 9.32            | 8.43        | 159.20                | -502.48                           | -94.80     | 855.68               | 839.50                | 16.17                   | 52.908            |                    |         |
| 2,000.00                   | 1,960.48            | 1,707.58            | 1,640.52            | 9.81            | 8.97        | 159.53                | -530.76                           | -101.76    | 912.20               | 895.22                | 16.98                   | 53.714            |                    |         |
| 2,100.00                   | 2,057.21            | 1,774.81            | 1,717.59            | 10.29           | 9.35        | 159.81                | -559.04                           | -108.71    | 968.74               | 951.08                | 17.66                   | 54.854            |                    |         |
| 2,200.00                   | 2,153.93            | 1,857.20            | 1,794.66            | 10.78           | 9.81        | 160.06                | -587.32                           | -115.67    | 1,025.30             | 1,006.88              | 18.42                   | 55.665            |                    |         |
| 2,300.00                   | 2,250.66            | 1,939.59            | 1,871.74            | 11.28           | 10.28       | 160.29                | -615.60                           | -122.63    | 1,081.87             | 1,062.69              | 19.19                   | 56.388            |                    |         |
| 2,400.00                   | 2,347.39            | 2,021.98            | 1,948.81            | 11.77           | 10.76       | 160.49                | -643.88                           | -129.59    | 1,138.45             | 1,118.49              | 19.96                   | 57.034            |                    |         |
| 2,500.00                   | 2,444.11            | 2,104.37            | 2,025.88            | 12.27           | 11.23       | 160.68                | -672.16                           | -136.55    | 1,195.04             | 1,174.30              | 20.74                   | 57.615            |                    |         |
| 2,600.00                   | 2,540.84            | 2,186.76            | 2,102.95            | 12.77           | 11.71       | 160.85                | -700.44                           | -143.51    | 1,251.64             | 1,230.11              | 21.53                   | 58.137            |                    |         |
| 2,700.00                   | 2,637.57            | 2,269.15            | 2,180.02            | 13.27           | 12.19       | 161.00                | -728.72                           | -150.47    | 1,308.24             | 1,285.92              | 22.32                   | 58.610            |                    |         |
| 2,800.00                   | 2,734.30            | 2,351.54            | 2,257.09            | 13.78           | 12.68       | 161.14                | -756.99                           | -157.43    | 1,364.85             | 1,341.73              | 23.12                   | 59.038            |                    |         |
| 2,900.00                   | 2,831.02            | 2,433.93            | 2,334.16            | 14.28           | 13.16       | 161.27                | -785.27                           | -164.38    | 1,421.46             | 1,397.55              | 23.92                   | 59.427            |                    |         |
| 3,000.00                   | 2,927.75            | 2,516.32            | 2,411.23            | 14.79           | 13.65       | 161.39                | -813.55                           | -171.34    | 1,478.08             | 1,453.36              | 24.72                   | 59.782            |                    |         |
| 3,100.00                   | 3,024.48            | 2,601.29            | 2,488.30            | 15.29           | 14.15       | 161.50                | -841.83                           | -178.30    | 1,534.71             | 1,509.16              | 25.55                   | 60.076            |                    |         |
| 3,200.00                   | 3,121.20            | 2,681.10            | 2,565.37            | 15.80           | 14.63       | 161.60                | -870.11                           | -185.26    | 1,591.33             | 1,564.99              | 26.34                   | 60.404            |                    |         |
| 3,300.00                   | 3,217.93            | 2,763.49            | 2,642.44            | 16.31           | 15.12       | 161.70                | -898.39                           | -192.22    | 1,647.96             | 1,620.80              | 27.16                   | 60.677            |                    |         |
| 3,400.00                   | 3,314.66            | 2,845.88            | 2,719.51            | 16.82           | 15.61       | 161.79                | -926.67                           | -199.18    | 1,704.60             | 1,676.62              | 27.98                   | 60.929            |                    |         |
| 3,500.00                   | 3,411.38            | 2,928.27            | 2,796.58            | 17.33           | 16.10       | 161.87                | -954.95                           | -206.14    | 1,761.23             | 1,732.44              | 28.80                   | 61.162            |                    |         |
| 3,600.00                   | 3,508.11            | 3,010.65            | 2,873.66            | 17.84           | 16.60       | 161.95                | -983.23                           | -213.10    | 1,817.87             | 1,788.25              | 29.62                   | 61.377            |                    |         |
| 3,700.00                   | 3,604.84            | 3,106.96            | 2,950.73            | 18.36           | 17.18       | 162.03                | -1,011.51                         | -220.06    | 1,874.51             | 1,844.00              | 30.51                   | 61.430            |                    |         |
| 3,800.00                   | 3,701.56            | 3,175.43            | 3,027.80            | 18.87           | 17.59       | 162.10                | -1,039.79                         | -227.01    | 1,931.15             | 1,899.88              | 31.27                   | 61.761            |                    |         |
| 3,900.00                   | 3,798.29            | 3,257.82            | 3,104.87            | 19.38           | 18.08       | 162.16                | -1,068.07                         | -233.97    | 1,987.80             | 1,955.70              | 32.10                   | 61.933            |                    |         |
| 4,000.00                   | 3,895.02            | 3,340.21            | 3,181.94            | 19.89           | 18.58       | 162.22                | -1,096.34                         | -240.93    | 2,044.44             | 2,011.52              | 32.93                   | 62.094            |                    |         |
| 4,100.00                   | 3,991.74            | 3,422.60            | 3,259.01            | 20.41           | 19.08       | 162.28                | -1,124.62                         | -247.89    | 2,101.09             | 2,067.33              | 33.76                   | 62.244            |                    |         |
| 4,200.00                   | 4,088.47            | 3,504.99            | 3,336.08            | 20.92           | 19.58       | 162.34                | -1,152.90                         | -254.85    | 2,157.74             | 2,123.15              | 34.59                   | 62.384            |                    |         |
| 4,300.00                   | 4,185.20            | 3,587.38            | 3,413.15            | 21.44           | 20.08       | 162.39                | -1,181.18                         | -261.81    | 2,214.39             | 2,178.97              | 35.42                   | 62.515            |                    |         |
| 4,400.00                   | 4,281.92            | 3,680.71            | 3,500.47            | 21.95           | 20.64       | 162.45                | -1,213.18                         | -269.68    | 2,271.03             | 2,234.66              | 36.37                   | 62.440            |                    |         |
| 4,500.00                   | 4,378.65            | 4,093.40            | 3,896.24            | 22.47           | 22.92       | 162.81                | -1,325.52                         | -297.33    | 2,321.41             | 2,281.23              | 40.17                   | 57.789            |                    |         |
| 4,600.00                   | 4,475.38            | 4,571.18            | 4,369.50            | 22.99           | 25.00       | 163.47                | -1,385.11                         | -311.99    | 2,358.01             | 2,314.75              | 43.25                   | 54.515            |                    |         |
| 4,700.00                   | 4,572.10            | 4,773.83            | 4,572.10            | 23.50           | 25.66       | 163.82                | -1,388.00                         | -312.70    | 2,382.98             | 2,338.56              | 44.42                   | 53.648            |                    |         |
| 4,800.00                   | 4,668.83            | 4,870.55            | 4,668.83            | 24.02           | 25.95       | 163.99                | -1,388.00                         | -312.70    | 2,407.42             | 2,362.20              | 45.22                   | 53.237            |                    |         |
| 4,900.00                   | 4,765.56            | 4,967.28            | 4,765.56            | 24.53           | 26.24       | 164.15                | -1,388.00                         | -312.70    | 2,431.88             | 2,385.86              | 46.03                   | 52.837            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                   | 4,862.28            | 5,064.01            | 4,862.28            | 25.05           | 26.54       | 164.31                | -1,388.00                         | -312.70    | 2,456.36             | 2,409.53              | 46.83                   | 52.448            |                    |         |
| 5,100.00                   | 4,959.01            | 5,160.73            | 4,959.01            | 25.57           | 26.84       | 164.47                | -1,388.00                         | -312.70    | 2,480.86             | 2,433.22              | 47.65                   | 52.069            |                    |         |
| 5,200.00                   | 5,055.74            | 5,257.46            | 5,055.74            | 26.09           | 27.14       | 164.63                | -1,388.00                         | -312.70    | 2,505.38             | 2,456.92              | 48.46                   | 51.700            |                    |         |
| 5,300.00                   | 5,152.46            | 5,354.19            | 5,152.46            | 26.60           | 27.44       | 164.78                | -1,388.00                         | -312.70    | 2,529.91             | 2,480.63              | 49.28                   | 51.341            |                    |         |
| 5,400.00                   | 5,249.19            | 5,450.91            | 5,249.19            | 27.12           | 27.75       | 164.93                | -1,388.00                         | -312.70    | 2,554.46             | 2,504.36              | 50.10                   | 50.991            |                    |         |
| 5,500.00                   | 5,345.92            | 5,547.64            | 5,345.92            | 27.64           | 28.06       | 165.07                | -1,388.00                         | -312.70    | 2,579.02             | 2,528.10              | 50.92                   | 50.651            |                    |         |
| 5,600.00                   | 5,442.65            | 5,644.37            | 5,442.65            | 28.16           | 28.38       | 165.22                | -1,388.00                         | -312.70    | 2,603.60             | 2,551.86              | 51.74                   | 50.319            |                    |         |
| 5,700.00                   | 5,539.37            | 5,741.09            | 5,539.37            | 28.68           | 28.70       | 165.36                | -1,388.00                         | -312.70    | 2,628.20             | 2,575.63              | 52.57                   | 49.995            |                    |         |
| 5,800.00                   | 5,636.10            | 5,837.82            | 5,636.10            | 29.20           | 29.02       | 165.50                | -1,388.00                         | -312.70    | 2,652.81             | 2,599.41              | 53.40                   | 49.680            |                    |         |
| 5,900.00                   | 5,732.83            | 5,934.55            | 5,732.83            | 29.71           | 29.34       | 165.63                | -1,388.00                         | -312.70    | 2,677.43             | 2,623.20              | 54.23                   | 49.373            |                    |         |
| 6,000.00                   | 5,829.55            | 6,031.27            | 5,829.55            | 30.23           | 29.66       | 165.77                | -1,388.00                         | -312.70    | 2,702.07             | 2,647.01              | 55.06                   | 49.073            |                    |         |
| 6,100.00                   | 5,926.28            | 6,128.00            | 5,926.28            | 30.75           | 29.99       | 165.90                | -1,388.00                         | -312.70    | 2,726.72             | 2,670.82              | 55.90                   | 48.781            |                    |         |
| 6,200.00                   | 6,023.01            | 6,229.61            | 6,023.01            | 31.27           | 30.48       | 166.03                | -1,384.13                         | 892.99     | 2,751.22             | 2,694.16              | 67.05                   | 41.031            |                    |         |
| 6,300.00                   | 6,119.73            | 6,329.44            | 6,119.73            | 31.79           | 30.99       | 166.16                | -1,384.07                         | 909.25     | 2,775.06             | 2,718.16              | 68.90                   | 39.597            |                    |         |
| 6,397.75                   | 6,214.28            | 6,404.66            | 6,214.28            | 32.30           | 31.50       | 166.29                | -1,384.02                         | 925.15     | 2,798.70             | 2,741.87              | 70.83                   | 38.242            |                    |         |
| 6,400.00                   | 6,216.46            | 6,404.30            | 6,216.46            | 32.31           | 31.51       | 166.30                | -1,384.02                         | 925.51     | 2,798.30             | 2,741.47              | 70.86                   | 38.222            |                    |         |
| 6,450.00                   | 6,265.12            | 6,451.71            | 6,265.12            | 32.56           | 31.75       | 166.43                | -1,384.00                         | 931.52     | 2,823.38             | 2,766.05              | 71.53                   | 37.742            |                    |         |
| 6,500.00                   | 6,314.12            | 6,501.71            | 6,314.12            | 32.78           | 31.97       | 166.56                | -1,384.00                         | 933.63     | 2,848.46             | 2,791.13              | 72.26                   | 37.248            |                    |         |
| 6,550.00                   | 6,363.16            | 6,551.75            | 6,363.16            | 32.99           | 32.18       | 166.69                | -1,384.00                         | 931.81     | 2,873.54             | 2,816.21              | 72.88                   | 36.829            |                    |         |
| 6,600.00                   | 6,411.94            | 6,601.73            | 6,411.94            | 33.18           | 32.37       | 166.82                | -1,384.02                         | 926.08     | 2,898.62             | 2,841.29              | 73.55                   | 36.407            |                    |         |
| 6,650.00                   | 6,460.15            | 6,651.94            | 6,460.15            | 33.35           | 32.54       | 166.95                | -1,384.05                         | 916.48     | 2,923.70             | 2,866.37              | 73.83                   | 36.194            |                    |         |
| 6,700.00                   | 6,507.49            | 6,701.25            | 6,507.49            | 33.52           | 32.71       | 167.08                | -1,384.09                         | 903.06     | 2,948.78             | 2,891.45              | 74.15                   | 35.972            |                    |         |
| 6,750.00                   | 6,553.69            | 6,747.45            | 6,553.69            | 33.69           | 32.88       | 167.21                | -1,384.15                         | 885.91     | 2,973.86             | 2,916.53              | 74.37                   | 35.810            |                    |         |
| 6,800.00                   | 6,598.44            | 6,792.20            | 6,598.44            | 33.85           | 33.04       | 167.34                | -1,384.22                         | 865.13     | 2,998.94             | 2,941.61              | 74.49                   | 35.704            |                    |         |
| 6,850.00                   | 6,641.47            | 6,835.23            | 6,641.47            | 34.02           | 33.21       | 167.47                | -1,384.29                         | 840.85     | 3,024.02             | 2,966.69              | 74.53                   | 35.652            |                    |         |
| 6,900.00                   | 6,682.53            | 6,876.29            | 6,682.53            | 34.19           | 33.38       | 167.60                | -1,384.38                         | 813.22     | 3,049.10             | 2,991.77              | 74.49                   | 35.640            |                    |         |
| 6,950.00                   | 6,721.35            | 6,915.11            | 6,721.35            | 34.38           | 33.57       | 167.73                | -1,384.48                         | 782.41     | 3,074.18             | 3,016.85              | 74.40                   | 35.666            |                    |         |
| 7,000.00                   | 6,757.70            | 6,951.46            | 6,757.70            | 34.57           | 33.76       | 167.86                | -1,384.59                         | 748.61     | 3,100.26             | 3,042.93              | 74.24                   | 35.729            |                    |         |
| 7,050.00                   | 6,791.35            | 6,985.11            | 6,791.35            | 34.79           | 33.97       | 167.99                | -1,384.71                         | 712.03     | 3,126.34             | 3,069.01              | 74.04                   | 35.812            |                    |         |
| 7,100.00                   | 6,822.10            | 7,015.86            | 6,822.10            | 35.03           | 34.18       | 168.12                | -1,384.83                         | 672.90     | 3,152.42             | 3,095.09              | 73.83                   | 35.909            |                    |         |
| 7,150.00                   | 6,849.75            | 7,043.51            | 6,849.75            | 35.30           | 34.45       | 168.25                | -1,384.97                         | 631.45     | 3,178.50             | 3,121.17              | 73.58                   | 36.023            |                    |         |
| 7,200.00                   | 6,874.14            | 7,068.90            | 6,874.14            | 35.61           | 34.76       | 168.38                | -1,385.11                         | 587.94     | 3,204.58             | 3,147.25              | 73.37                   | 36.121            |                    |         |
| 7,250.00                   | 6,895.11            | 7,090.87            | 6,895.11            | 35.95           | 35.10       | 168.51                | -1,385.25                         | 542.65     | 3,230.66             | 3,173.33              | 73.15                   | 36.222            |                    |         |
| 7,300.00                   | 6,912.54            | 7,108.30            | 6,912.54            | 36.34           | 35.49       | 168.64                | -1,385.40                         | 495.84     | 3,256.74             | 3,199.41              | 72.98                   | 36.296            |                    |         |
| 7,350.00                   | 6,926.31            | 7,122.07            | 6,926.31            | 36.77           | 35.92       | 168.77                | -1,385.56                         | 447.81     | 3,282.82             | 3,225.49              | 72.84                   | 36.355            |                    |         |
| 7,400.00                   | 6,936.35            | 7,132.11            | 6,936.35            | 37.25           | 36.39       | 168.90                | -1,385.71                         | 398.85     | 3,308.90             | 3,251.57              | 72.76                   | 36.380            |                    |         |
| 7,450.00                   | 6,942.59            | 7,138.35            | 6,942.59            | 37.76           | 36.90       | 169.03                | -1,385.87                         | 349.27     | 3,335.00             | 3,277.65              | 72.72                   | 36.378            |                    |         |
| 7,500.00                   | 6,944.99            | 7,140.75            | 6,944.99            | 38.31           | 37.45       | 169.16                | -1,386.09                         | 280.24     | 3,361.10             | 3,303.73              | 72.49                   | 36.464            |                    |         |
| 7,512.10                   | 6,945.00            | 7,140.76            | 6,945.00            | 38.44           | 37.58       | 169.17                | -1,386.16                         | 258.66     | 3,367.20             | 3,309.83              | 72.40                   | 36.502            |                    |         |
| 7,600.00                   | 6,944.19            | 7,139.57            | 6,944.19            | 39.51           | 38.65       | 169.30                | -1,386.63                         | 112.06     | 3,393.30             | 3,335.93              | 72.12                   | 36.563            |                    |         |
| 7,700.00                   | 6,943.28            | 7,138.66            | 6,943.28            | 40.90           | 39.94       | 169.43                | -1,387.05                         | -18.69     | 3,419.40             | 3,362.03              | 72.65                   | 36.184            |                    |         |
| 7,800.00                   | 6,942.37            | 7,137.75            | 6,942.37            | 42.44           | 41.48       | 169.56                | -1,387.34                         | -108.53    | 3,445.50             | 3,388.13              | 73.77                   | 35.515            |                    |         |
| 7,900.00                   | 6,941.46            | 7,136.84            | 6,941.46            | 44.11           | 43.15       | 169.69                | -1,387.53                         | -167.50    | 3,471.60             | 3,414.23              | 75.24                   | 34.723            |                    |         |
| 8,000.00                   | 6,940.55            | 7,135.93            | 6,940.55            | 45.90           | 44.94       | 169.82                | -1,387.65                         | -206.25    | 3,497.70             | 3,440.33              | 76.91                   | 33.892            |                    |         |
| 8,100.00                   | 6,939.64            | 7,135.02            | 6,939.64            | 47.80           | 46.84       | 169.95                | -1,387.74                         | -232.29    | 3,523.80             | 3,466.43              | 78.74                   | 33.067            |                    |         |
| 8,155.76                   | 6,939.13            | 7,134.51            | 6,939.13            | 48.91           | 47.95       | 170.08                | -1,387.77                         | -243.11    | 3,549.90             | 3,492.53              | 79.81                   | 32.615            |                    |         |
| 8,200.00                   | 6,938.72            | 7,134.09            | 6,938.72            | 49.79           | 48.83       | 170.21                | -1,387.80                         | -250.31    | 3,576.00             | 3,518.63              | 80.67                   | 32.273            |                    |         |
| 8,300.00                   | 6,937.81            | 7,133.18            | 6,937.81            | 51.86           | 50.90       | 170.34                | -1,387.83                         | -261.96    | 3,602.10             | 3,544.73              | 82.69                   | 31.522            |                    |         |
| 8,400.00                   | 6,936.90            | 7,132.27            | 6,936.90            | 54.01           | 53.05       | 170.47                | -1,387.87                         | -272.54    | 3,628.20             | 3,570.83              | 84.72                   | 30.842            |                    |         |
| 8,500.00                   | 6,935.99            | 7,131.36            | 6,935.99            | 56.21           | 55.25       | 170.60                | -1,387.89                         | -279.69    | 3,654.30             | 3,596.93              | 86.78                   | 30.223            |                    |         |
| 8,600.00                   | 6,935.08            | 7,130.45            | 6,935.08            | 58.47           | 57.51       | 170.73                | -1,387.91                         | -284.99    | 3,680.40             | 3,623.03              | 88.85                   | 29.673            |                    |         |
| 8,700.00                   | 6,934.17            | 7,129.54            | 6,934.17            | 60.78           | 59.82       | 170.86                | -1,387.92                         | -289.21    | 3,706.50             | 3,649.13              | 90.89                   | 29.194            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                   | 6,933.25            | 6,950.00            | 6,746.73            | 63.13           | 32.86       | -85.78                | -1,387.93                         | -293.71    | 2,673.78             | 2,580.92              | 92.86                   | 28.794            |                    |         |
| 8,900.00                   | 6,932.34            | 6,950.00            | 6,746.73            | 65.52           | 32.86       | -85.78                | -1,387.93                         | -293.71    | 2,697.70             | 2,602.84              | 94.86                   | 28.437            |                    |         |
| 9,000.00                   | 6,931.43            | 6,933.57            | 6,730.73            | 67.95           | 32.81       | -85.43                | -1,387.95                         | -297.48    | 2,724.96             | 2,628.25              | 96.71                   | 28.176            |                    |         |
| 9,100.00                   | 6,930.52            | 6,924.89            | 6,722.25            | 70.40           | 32.78       | -85.24                | -1,387.95                         | -299.31    | 2,755.53             | 2,657.01              | 98.52                   | 27.970            |                    |         |
| 9,200.00                   | 6,929.61            | 6,917.17            | 6,714.69            | 72.89           | 32.75       | -85.08                | -1,387.96                         | -300.84    | 2,789.28             | 2,689.04              | 100.25                  | 27.824            |                    |         |
| 9,300.00                   | 6,928.69            | 6,900.00            | 6,697.79            | 75.40           | 32.69       | -84.71                | -1,387.97                         | -303.91    | 2,826.18             | 2,724.34              | 101.83                  | 27.753            |                    |         |
| 9,400.00                   | 6,927.78            | 6,900.00            | 6,697.79            | 77.93           | 32.69       | -84.71                | -1,387.97                         | -303.91    | 2,865.95             | 2,762.53              | 103.42                  | 27.711 SF         |                    |         |
| 9,500.00                   | 6,926.87            | 6,900.00            | 6,697.79            | 80.48           | 32.69       | -84.71                | -1,387.97                         | -303.91    | 2,908.61             | 2,803.70              | 104.92                  | 27.723            |                    |         |
| 9,600.00                   | 6,925.96            | 6,900.00            | 6,697.79            | 83.05           | 32.69       | -84.71                | -1,387.97                         | -303.91    | 2,954.04             | 2,847.73              | 106.32                  | 27.786            |                    |         |
| 9,700.00                   | 6,925.05            | 6,900.00            | 6,697.79            | 85.64           | 32.69       | -84.71                | -1,387.97                         | -303.91    | 3,002.12             | 2,894.50              | 107.62                  | 27.894            |                    |         |
| 9,800.00                   | 6,924.14            | 6,900.00            | 6,697.79            | 88.25           | 32.69       | -84.71                | -1,387.97                         | -303.91    | 3,052.72             | 2,943.88              | 108.84                  | 28.047            |                    |         |
| 9,900.00                   | 6,923.22            | 6,880.53            | 6,678.54            | 90.86           | 32.62       | -84.29                | -1,387.98                         | -306.84    | 3,105.48             | 2,995.59              | 109.89                  | 28.260            |                    |         |
| 10,000.00                  | 6,922.31            | 6,876.92            | 6,674.97            | 93.50           | 32.61       | -84.21                | -1,387.98                         | -307.32    | 3,160.65             | 3,049.72              | 110.93                  | 28.493            |                    |         |
| 10,100.00                  | 6,921.40            | 6,873.58            | 6,671.65            | 96.14           | 32.59       | -84.14                | -1,387.98                         | -307.75    | 3,217.97             | 3,106.08              | 111.89                  | 28.760            |                    |         |
| 10,200.00                  | 6,920.49            | 6,870.48            | 6,668.58            | 98.79           | 32.58       | -84.07                | -1,387.98                         | -308.12    | 3,277.32             | 3,164.54              | 112.78                  | 29.060            |                    |         |
| 10,300.00                  | 6,919.58            | 6,850.00            | 6,648.21            | 101.45          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 3,338.81             | 3,225.30              | 113.51                  | 29.414            |                    |         |
| 10,400.00                  | 6,918.67            | 6,850.00            | 6,648.21            | 104.13          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 3,401.86             | 3,287.58              | 114.28                  | 29.768            |                    |         |
| 10,500.00                  | 6,917.75            | 6,850.00            | 6,648.21            | 106.81          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 3,466.65             | 3,351.66              | 114.98                  | 30.149            |                    |         |
| 10,600.00                  | 6,916.84            | 6,850.00            | 6,648.21            | 109.50          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 3,533.08             | 3,417.45              | 115.63                  | 30.555            |                    |         |
| 10,700.00                  | 6,915.93            | 6,850.00            | 6,648.21            | 112.19          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 3,601.06             | 3,484.84              | 116.22                  | 30.984            |                    |         |
| 10,800.00                  | 6,915.02            | 6,850.00            | 6,648.21            | 114.90          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 3,670.51             | 3,553.75              | 116.77                  | 31.435            |                    |         |
| 10,900.00                  | 6,914.11            | 6,850.00            | 6,648.21            | 117.61          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 3,741.35             | 3,624.09              | 117.26                  | 31.906            |                    |         |
| 11,000.00                  | 6,913.20            | 6,850.00            | 6,648.21            | 120.32          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 3,813.49             | 3,695.77              | 117.71                  | 32.396            |                    |         |
| 11,100.00                  | 6,912.28            | 6,850.00            | 6,648.21            | 123.04          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 3,886.86             | 3,768.74              | 118.13                  | 32.904            |                    |         |
| 11,200.00                  | 6,911.37            | 6,850.00            | 6,648.21            | 125.77          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 3,961.40             | 3,842.90              | 118.50                  | 33.429            |                    |         |
| 11,300.00                  | 6,910.46            | 6,850.00            | 6,648.21            | 128.50          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,037.04             | 3,918.20              | 118.84                  | 33.969            |                    |         |
| 11,400.00                  | 6,909.55            | 6,850.00            | 6,648.21            | 131.24          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,113.72             | 3,994.57              | 119.15                  | 34.524            |                    |         |
| 11,500.00                  | 6,908.64            | 6,850.00            | 6,648.21            | 133.98          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,191.39             | 4,071.95              | 119.44                  | 35.093            |                    |         |
| 11,600.00                  | 6,907.73            | 6,850.00            | 6,648.21            | 136.72          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,269.98             | 4,150.29              | 119.69                  | 35.675            |                    |         |
| 11,700.00                  | 6,906.81            | 6,850.00            | 6,648.21            | 139.47          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,349.45             | 4,229.53              | 119.92                  | 36.268            |                    |         |
| 11,800.00                  | 6,905.90            | 6,850.00            | 6,648.21            | 142.22          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,429.76             | 4,309.62              | 120.13                  | 36.874            |                    |         |
| 11,900.00                  | 6,904.99            | 6,850.00            | 6,648.21            | 144.97          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,510.85             | 4,390.53              | 120.32                  | 37.489            |                    |         |
| 12,000.00                  | 6,904.08            | 6,850.00            | 6,648.21            | 147.73          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,592.69             | 4,472.19              | 120.49                  | 38.115            |                    |         |
| 12,100.00                  | 6,903.17            | 6,850.00            | 6,648.21            | 150.49          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,675.23             | 4,554.58              | 120.65                  | 38.751            |                    |         |
| 12,200.00                  | 6,902.26            | 6,850.00            | 6,648.21            | 153.26          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,758.44             | 4,637.66              | 120.79                  | 39.396            |                    |         |
| 12,300.00                  | 6,901.34            | 6,850.00            | 6,648.21            | 156.02          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,842.29             | 4,721.38              | 120.91                  | 40.049            |                    |         |
| 12,400.00                  | 6,900.43            | 6,850.00            | 6,648.21            | 158.79          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 4,926.74             | 4,805.72              | 121.02                  | 40.710            |                    |         |
| 12,500.00                  | 6,899.52            | 6,850.00            | 6,648.21            | 161.56          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 5,011.77             | 4,890.65              | 121.12                  | 41.378            |                    |         |
| 12,600.00                  | 6,898.61            | 6,850.00            | 6,648.21            | 164.34          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 5,097.34             | 4,976.13              | 121.21                  | 42.054            |                    |         |
| 12,700.00                  | 6,897.70            | 6,850.00            | 6,648.21            | 167.11          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 5,183.42             | 5,062.13              | 121.29                  | 42.736            |                    |         |
| 12,800.00                  | 6,896.79            | 6,850.00            | 6,648.21            | 169.89          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 5,270.00             | 5,148.64              | 121.36                  | 43.425            |                    |         |
| 12,900.00                  | 6,895.87            | 6,850.00            | 6,648.21            | 172.67          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 5,357.04             | 5,235.62              | 121.42                  | 44.120            |                    |         |
| 13,000.00                  | 6,894.96            | 6,850.00            | 6,648.21            | 175.45          | 32.51       | -83.63                | -1,387.99                         | -310.25    | 5,444.53             | 5,323.05              | 121.47                  | 44.821            |                    |         |
| 13,100.00                  | 6,894.05            | 6,828.25            | 6,626.51            | 178.23          | 32.43       | -83.16                | -1,387.99                         | -311.78    | 5,532.06             | 5,410.61              | 121.45                  | 45.550            |                    |         |
| 13,200.00                  | 6,893.14            | 6,827.55            | 6,625.81            | 181.02          | 32.43       | -83.14                | -1,387.99                         | -311.82    | 5,620.35             | 5,498.86              | 121.49                  | 46.262            |                    |         |
| 13,300.00                  | 6,892.23            | 6,826.88            | 6,625.14            | 183.80          | 32.43       | -83.13                | -1,387.99                         | -311.86    | 5,709.03             | 5,587.50              | 121.52                  | 46.979            |                    |         |
| 13,400.00                  | 6,891.31            | 6,826.23            | 6,624.49            | 186.59          | 32.42       | -83.11                | -1,387.99                         | -311.89    | 5,798.07             | 5,676.52              | 121.55                  | 47.700            |                    |         |
| 13,500.00                  | 6,890.40            | 6,825.60            | 6,623.87            | 189.38          | 32.42       | -83.10                | -1,387.99                         | -311.92    | 5,887.47             | 5,765.89              | 121.58                  | 48.426            |                    |         |
| 13,600.00                  | 6,889.49            | 6,824.99            | 6,623.26            | 192.17          | 32.42       | -83.09                | -1,387.99                         | -311.95    | 5,977.20             | 5,855.60              | 121.60                  | 49.156            |                    |         |
| 13,700.00                  | 6,888.58            | 6,824.40            | 6,622.67            | 194.97          | 32.42       | -83.07                | -1,387.99                         | -311.98    | 6,067.25             | 5,945.64              | 121.61                  | 49.890            |                    |         |
| 13,800.00                  | 6,887.67            | 6,823.83            | 6,622.10            | 197.76          | 32.42       | -83.06                | -1,387.99                         | -312.01    | 6,157.61             | 6,035.98              | 121.63                  | 50.628            |                    |         |
| 13,900.00                  | 6,886.76            | 6,823.28            | 6,621.55            | 200.56          | 32.41       | -83.05                | -1,387.99                         | -312.03    | 6,248.26             | 6,126.62              | 121.64                  | 51.369            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00                  | 6,885.84            | 6,822.75            | 6,621.01            | 203.35          | 32.41       | -83.04                | -1,387.99                         | -312.06    | 6,339.19             | 6,217.55              | 121.64                  | 52.113            |                    |         |
| 14,100.00                  | 6,884.93            | 6,822.23            | 6,620.50            | 206.15          | 32.41       | -83.03                | -1,387.99                         | -312.08    | 6,430.39             | 6,308.74              | 121.65                  | 52.861            |                    |         |
| 14,200.00                  | 6,884.02            | 6,800.00            | 6,598.28            | 208.95          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 6,522.23             | 6,400.66              | 121.58                  | 53.648            |                    |         |
| 14,300.00                  | 6,883.11            | 6,800.00            | 6,598.28            | 211.75          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 6,613.92             | 6,492.34              | 121.58                  | 54.401            |                    |         |
| 14,400.00                  | 6,882.20            | 6,800.00            | 6,598.28            | 214.55          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 6,705.85             | 6,584.27              | 121.58                  | 55.156            |                    |         |
| 14,500.00                  | 6,881.29            | 6,800.00            | 6,598.28            | 217.35          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 6,798.00             | 6,676.42              | 121.58                  | 55.914            |                    |         |
| 14,600.00                  | 6,880.37            | 6,800.00            | 6,598.28            | 220.15          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 6,890.37             | 6,768.80              | 121.58                  | 56.675            |                    |         |
| 14,700.00                  | 6,879.46            | 6,800.00            | 6,598.28            | 222.95          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 6,982.96             | 6,861.38              | 121.57                  | 57.438            |                    |         |
| 14,800.00                  | 6,878.55            | 6,800.00            | 6,598.28            | 225.76          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,075.74             | 6,954.17              | 121.57                  | 58.203            |                    |         |
| 14,900.00                  | 6,877.64            | 6,800.00            | 6,598.28            | 228.56          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,168.72             | 7,047.16              | 121.56                  | 58.971            |                    |         |
| 15,000.00                  | 6,876.73            | 6,800.00            | 6,598.28            | 231.37          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,261.88             | 7,140.33              | 121.56                  | 59.740            |                    |         |
| 15,100.00                  | 6,875.82            | 6,800.00            | 6,598.28            | 234.18          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,355.23             | 7,233.68              | 121.55                  | 60.511            |                    |         |
| 15,200.00                  | 6,874.90            | 6,800.00            | 6,598.28            | 236.98          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,448.75             | 7,327.20              | 121.54                  | 61.284            |                    |         |
| 15,300.00                  | 6,873.99            | 6,800.00            | 6,598.28            | 239.79          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,542.43             | 7,420.89              | 121.54                  | 62.059            |                    |         |
| 15,400.00                  | 6,873.08            | 6,800.00            | 6,598.28            | 242.60          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,636.28             | 7,514.75              | 121.53                  | 62.835            |                    |         |
| 15,500.00                  | 6,872.17            | 6,800.00            | 6,598.28            | 245.41          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,730.27             | 7,608.75              | 121.52                  | 63.613            |                    |         |
| 15,600.00                  | 6,871.26            | 6,800.00            | 6,598.28            | 248.22          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,824.42             | 7,702.91              | 121.51                  | 64.392            |                    |         |
| 15,700.00                  | 6,870.35            | 6,800.00            | 6,598.28            | 251.03          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,918.71             | 7,797.21              | 121.50                  | 65.172            |                    |         |
| 15,737.91                  | 6,870.00            | 6,800.00            | 6,598.28            | 252.10          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,954.49             | 7,832.99              | 121.50                  | 65.469            |                    |         |
| 15,738.53                  | 6,869.99            | 6,800.00            | 6,598.28            | 252.11          | 32.33       | -82.54                | -1,388.00                         | -312.67    | 7,955.08             | 7,833.58              | 121.50                  | 65.473            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.41               | -179.24                           | -17.54     | 180.09               |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.41               | -179.24                           | -17.54     | 180.09               | 173.52                | 6.57                    | 27.414            |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.41               | -179.24                           | -17.54     | 180.09               | 173.42                | 6.67                    | 26.984            | CC, ES             |         |
| 300.00                     | 300.00              | 294.16              | 294.14              | 3.44            | 3.43        | -174.32               | -180.72                           | -17.99     | 181.70               | 174.82                | 6.89                    | 26.383            |                    |         |
| 400.00                     | 399.98              | 387.99              | 387.86              | 3.60            | 3.57        | 155.97                | -185.13                           | -19.34     | 188.13               | 180.92                | 7.21                    | 26.099            | SF                 |         |
| 500.00                     | 499.84              | 480.90              | 480.45              | 3.81            | 3.75        | 156.85                | -192.40                           | -21.55     | 200.95               | 193.32                | 7.63                    | 26.349            |                    |         |
| 550.00                     | 549.68              | 526.81              | 526.10              | 3.93            | 3.85        | 157.41                | -197.05                           | -22.97     | 209.75               | 201.89                | 7.87                    | 26.662            |                    |         |
| 600.00                     | 599.45              | 572.28              | 571.23              | 4.06            | 3.96        | 155.70                | -202.34                           | -24.58     | 220.11               | 211.99                | 8.12                    | 27.105            |                    |         |
| 700.00                     | 698.71              | 661.71              | 659.71              | 4.33            | 4.20        | 154.15                | -214.75                           | -28.36     | 245.28               | 236.62                | 8.66                    | 28.327            |                    |         |
| 800.00                     | 797.49              | 756.87              | 753.65              | 4.64            | 4.49        | 153.94                | -229.32                           | -32.80     | 274.89               | 265.67                | 9.22                    | 29.802            |                    |         |
| 900.00                     | 895.68              | 850.96              | 846.52              | 4.97            | 4.81        | 154.28                | -243.72                           | -37.19     | 307.56               | 297.74                | 9.82                    | 31.320            |                    |         |
| 1,000.00                   | 993.14              | 943.85              | 938.21              | 5.33            | 5.14        | 154.89                | -257.94                           | -41.53     | 343.30               | 332.84                | 10.46                   | 32.823            |                    |         |
| 1,039.84                   | 1,031.75            | 980.50              | 974.40              | 5.48            | 5.27        | 155.16                | -263.56                           | -43.24     | 358.40               | 347.67                | 10.73                   | 33.414            |                    |         |
| 1,100.00                   | 1,089.94            | 1,035.68            | 1,028.86            | 5.72            | 5.48        | 156.15                | -272.00                           | -45.81     | 381.62               | 370.49                | 11.12                   | 34.305            |                    |         |
| 1,200.00                   | 1,186.67            | 1,127.40            | 1,119.40            | 6.13            | 5.84        | 157.55                | -286.05                           | -50.09     | 420.40               | 408.60                | 11.80                   | 35.616            |                    |         |
| 1,300.00                   | 1,283.39            | 1,219.13            | 1,209.95            | 6.55            | 6.20        | 158.72                | -300.09                           | -54.37     | 459.36               | 446.85                | 12.51                   | 36.726            |                    |         |
| 1,400.00                   | 1,380.12            | 1,310.85            | 1,300.49            | 6.99            | 6.58        | 159.70                | -314.13                           | -58.65     | 498.46               | 485.23                | 13.23                   | 37.670            |                    |         |
| 1,500.00                   | 1,476.85            | 1,402.58            | 1,391.03            | 7.45            | 6.97        | 160.55                | -328.18                           | -62.93     | 537.67               | 523.69                | 13.97                   | 38.475            |                    |         |
| 1,600.00                   | 1,573.57            | 1,505.69            | 1,481.58            | 7.90            | 7.41        | 161.27                | -342.22                           | -67.21     | 576.96               | 562.18                | 14.78                   | 39.042            |                    |         |
| 1,700.00                   | 1,670.30            | 1,586.03            | 1,572.12            | 8.37            | 7.75        | 161.91                | -356.26                           | -71.49     | 616.32               | 600.82                | 15.50                   | 39.759            |                    |         |
| 1,800.00                   | 1,767.03            | 1,677.76            | 1,662.66            | 8.85            | 8.16        | 162.47                | -370.31                           | -75.77     | 655.74               | 639.45                | 16.28                   | 40.273            |                    |         |
| 1,900.00                   | 1,863.75            | 1,769.48            | 1,753.20            | 9.32            | 8.56        | 162.97                | -384.35                           | -80.05     | 695.20               | 678.13                | 17.07                   | 40.720            |                    |         |
| 2,000.00                   | 1,960.48            | 1,861.21            | 1,843.75            | 9.81            | 8.97        | 163.41                | -398.39                           | -84.33     | 734.71               | 716.83                | 17.87                   | 41.111            |                    |         |
| 2,100.00                   | 2,057.21            | 1,952.93            | 1,934.29            | 10.29           | 9.38        | 163.81                | -412.44                           | -88.61     | 774.24               | 755.57                | 18.68                   | 41.455            |                    |         |
| 2,200.00                   | 2,153.93            | 2,044.66            | 2,024.83            | 10.78           | 9.80        | 164.17                | -426.48                           | -92.89     | 813.81               | 794.32                | 19.49                   | 41.758            |                    |         |
| 2,300.00                   | 2,250.66            | 2,136.38            | 2,115.38            | 11.28           | 10.22       | 164.49                | -440.52                           | -97.17     | 853.40               | 833.09                | 20.31                   | 42.026            |                    |         |
| 2,400.00                   | 2,347.39            | 2,228.11            | 2,205.92            | 11.77           | 10.64       | 164.79                | -454.57                           | -101.45    | 893.01               | 871.88                | 21.13                   | 42.265            |                    |         |
| 2,500.00                   | 2,444.11            | 2,319.83            | 2,296.46            | 12.27           | 11.06       | 165.06                | -468.61                           | -105.73    | 932.64               | 910.69                | 21.96                   | 42.479            |                    |         |
| 2,600.00                   | 2,540.84            | 2,411.56            | 2,387.00            | 12.77           | 11.48       | 165.31                | -482.65                           | -110.01    | 972.29               | 949.50                | 22.79                   | 42.670            |                    |         |
| 2,700.00                   | 2,637.57            | 2,503.28            | 2,477.55            | 13.27           | 11.91       | 165.54                | -496.69                           | -114.29    | 1,011.95             | 988.33                | 23.62                   | 42.842            |                    |         |
| 2,800.00                   | 2,734.30            | 2,604.99            | 2,568.09            | 13.78           | 12.38       | 165.76                | -510.74                           | -118.57    | 1,051.63             | 1,027.12              | 24.50                   | 42.921            |                    |         |
| 2,900.00                   | 2,831.02            | 2,686.73            | 2,658.63            | 14.28           | 12.76       | 165.95                | -524.78                           | -122.85    | 1,091.31             | 1,066.01              | 25.30                   | 43.139            |                    |         |
| 3,000.00                   | 2,927.75            | 2,778.46            | 2,749.17            | 14.79           | 13.19       | 166.14                | -538.82                           | -127.13    | 1,131.01             | 1,104.87              | 26.14                   | 43.267            |                    |         |
| 3,100.00                   | 3,024.48            | 2,870.18            | 2,839.72            | 15.29           | 13.62       | 166.31                | -552.87                           | -131.41    | 1,170.71             | 1,143.73              | 26.99                   | 43.384            |                    |         |
| 3,200.00                   | 3,121.20            | 2,961.91            | 2,930.26            | 15.80           | 14.05       | 166.47                | -566.91                           | -135.69    | 1,210.42             | 1,182.59              | 27.83                   | 43.490            |                    |         |
| 3,300.00                   | 3,217.93            | 3,053.64            | 3,020.80            | 16.31           | 14.48       | 166.62                | -580.95                           | -139.97    | 1,250.15             | 1,221.46              | 28.68                   | 43.588            |                    |         |
| 3,400.00                   | 3,314.66            | 3,145.36            | 3,111.35            | 16.82           | 14.91       | 166.76                | -595.00                           | -144.25    | 1,289.87             | 1,260.34              | 29.53                   | 43.678            |                    |         |
| 3,500.00                   | 3,411.38            | 3,237.09            | 3,201.89            | 17.33           | 15.34       | 166.89                | -609.04                           | -148.53    | 1,329.61             | 1,299.22              | 30.38                   | 43.760            |                    |         |
| 3,600.00                   | 3,508.11            | 3,328.81            | 3,292.43            | 17.84           | 15.78       | 167.02                | -623.08                           | -152.81    | 1,369.35             | 1,338.11              | 31.24                   | 43.836            |                    |         |
| 3,700.00                   | 3,604.84            | 3,420.54            | 3,382.97            | 18.36           | 16.21       | 167.14                | -637.13                           | -157.09    | 1,409.09             | 1,377.00              | 32.09                   | 43.907            |                    |         |
| 3,800.00                   | 3,701.56            | 3,512.26            | 3,473.52            | 18.87           | 16.64       | 167.25                | -651.17                           | -161.37    | 1,448.84             | 1,415.89              | 32.95                   | 43.972            |                    |         |
| 3,900.00                   | 3,798.29            | 3,603.99            | 3,564.06            | 19.38           | 17.08       | 167.35                | -665.21                           | -165.65    | 1,488.59             | 1,454.79              | 33.81                   | 44.032            |                    |         |
| 4,000.00                   | 3,895.02            | 3,704.29            | 3,654.60            | 19.89           | 17.56       | 167.45                | -679.26                           | -169.93    | 1,528.35             | 1,493.65              | 34.70                   | 44.039            |                    |         |
| 4,100.00                   | 3,991.74            | 3,787.44            | 3,745.15            | 20.41           | 17.95       | 167.55                | -693.30                           | -174.21    | 1,568.11             | 1,532.59              | 35.53                   | 44.141            |                    |         |
| 4,200.00                   | 4,088.47            | 3,879.16            | 3,835.69            | 20.92           | 18.39       | 167.64                | -707.34                           | -178.49    | 1,607.88             | 1,571.49              | 36.39                   | 44.189            |                    |         |
| 4,300.00                   | 4,185.20            | 3,970.89            | 3,926.23            | 21.44           | 18.82       | 167.72                | -721.39                           | -182.77    | 1,647.64             | 1,610.40              | 37.25                   | 44.235            |                    |         |
| 4,400.00                   | 4,281.92            | 4,062.61            | 4,016.77            | 21.95           | 19.26       | 167.80                | -735.43                           | -187.05    | 1,687.41             | 1,649.30              | 38.11                   | 44.278            |                    |         |
| 4,500.00                   | 4,378.65            | 4,154.34            | 4,107.32            | 22.47           | 19.70       | 167.88                | -749.47                           | -191.33    | 1,727.19             | 1,688.21              | 38.97                   | 44.317            |                    |         |
| 4,600.00                   | 4,475.38            | 4,246.06            | 4,197.86            | 22.99           | 20.13       | 167.96                | -763.52                           | -195.61    | 1,766.96             | 1,727.13              | 39.84                   | 44.355            |                    |         |
| 4,700.00                   | 4,572.10            | 4,337.79            | 4,288.40            | 23.50           | 20.57       | 168.03                | -777.56                           | -199.89    | 1,806.74             | 1,766.04              | 40.70                   | 44.390            |                    |         |
| 4,800.00                   | 4,668.83            | 4,429.52            | 4,378.95            | 24.02           | 21.01       | 168.10                | -791.60                           | -204.17    | 1,846.52             | 1,804.96              | 41.57                   | 44.423            |                    |         |
| 4,900.00                   | 4,765.56            | 4,521.24            | 4,469.49            | 24.53           | 21.45       | 168.16                | -805.65                           | -208.45    | 1,886.31             | 1,843.87              | 42.43                   | 44.454            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                   | 4,862.28            | 4,612.97            | 4,560.03            | 25.05           | 21.88       | 168.22                | -819.69                           | -212.73    | 1,926.09             | 1,882.79              | 43.30                   | 44.483            |                    |         |
| 5,100.00                   | 4,959.01            | 4,704.69            | 4,650.57            | 25.57           | 22.32       | 168.28                | -833.73                           | -217.01    | 1,965.88             | 1,921.71              | 44.17                   | 44.511            |                    |         |
| 5,200.00                   | 5,055.74            | 4,803.58            | 4,741.12            | 26.09           | 22.80       | 168.34                | -847.77                           | -221.29    | 2,005.66             | 1,960.60              | 45.07                   | 44.504            |                    |         |
| 5,300.00                   | 5,152.46            | 4,888.14            | 4,831.66            | 26.60           | 23.20       | 168.40                | -861.82                           | -225.57    | 2,045.45             | 1,999.55              | 45.90                   | 44.561            |                    |         |
| 5,400.00                   | 5,249.19            | 4,979.87            | 4,922.20            | 27.12           | 23.64       | 168.45                | -875.86                           | -229.85    | 2,085.25             | 2,038.48              | 46.77                   | 44.584            |                    |         |
| 5,500.00                   | 5,345.92            | 5,071.59            | 5,012.75            | 27.64           | 24.08       | 168.50                | -889.90                           | -234.13    | 2,125.04             | 2,077.40              | 47.64                   | 44.606            |                    |         |
| 5,600.00                   | 5,442.65            | 5,163.32            | 5,103.29            | 28.16           | 24.52       | 168.55                | -903.95                           | -238.41    | 2,164.83             | 2,116.32              | 48.51                   | 44.627            |                    |         |
| 5,700.00                   | 5,539.37            | 5,255.04            | 5,193.83            | 28.68           | 24.96       | 168.60                | -917.99                           | -242.69    | 2,204.63             | 2,155.25              | 49.38                   | 44.646            |                    |         |
| 5,800.00                   | 5,636.10            | 5,346.77            | 5,284.37            | 29.20           | 25.40       | 168.64                | -932.03                           | -246.97    | 2,244.43             | 2,194.18              | 50.25                   | 44.665            |                    |         |
| 5,900.00                   | 5,732.83            | 5,438.49            | 5,374.92            | 29.71           | 25.84       | 168.69                | -946.08                           | -251.25    | 2,284.22             | 2,233.10              | 51.12                   | 44.682            |                    |         |
| 6,000.00                   | 5,829.55            | 5,530.22            | 5,465.46            | 30.23           | 26.28       | 168.73                | -960.12                           | -255.53    | 2,324.02             | 2,272.03              | 51.99                   | 44.699            |                    |         |
| 6,100.00                   | 5,926.28            | 5,621.94            | 5,556.00            | 30.75           | 26.72       | 168.77                | -974.16                           | -259.81    | 2,363.82             | 2,310.96              | 52.86                   | 44.715            |                    |         |
| 6,200.00                   | 6,023.01            | 5,713.67            | 5,646.55            | 31.27           | 27.16       | 168.81                | -988.21                           | -264.09    | 2,403.63             | 2,349.89              | 53.74                   | 44.730            |                    |         |
| 6,300.00                   | 6,119.73            | 5,805.40            | 5,737.28            | 31.79           | 27.60       | 168.85                | -1,002.25                         | -268.37    | 2,443.43             | 2,388.79              | 54.62                   | 44.745            |                    |         |
| 6,397.75                   | 6,214.28            | 5,896.14            | 5,827.92            | 32.30           | 28.04       | 168.89                | -1,016.29                         | -272.65    | 2,483.22             | 2,427.68              | 55.50                   | 44.760            |                    |         |
| 6,400.00                   | 6,216.46            | 5,898.32            | 5,829.10            | 32.31           | 28.05       | 168.90                | -1,017.93                         | -272.65    | 2,483.22             | 2,427.68              | 55.50                   | 44.760            |                    |         |
| 6,450.00                   | 6,265.12            | 5,947.98            | 5,878.76            | 32.83           | 28.48       | 168.94                | -1,031.97                         | -276.93    | 2,523.02             | 2,467.48              | 56.38                   | 44.775            |                    |         |
| 6,500.00                   | 6,314.12            | 6,042.64            | 5,973.42            | 33.35           | 28.92       | 168.98                | -1,046.01                         | -281.21    | 2,562.81             | 2,507.27              | 57.26                   | 44.790            |                    |         |
| 6,550.00                   | 6,363.16            | 6,137.30            | 6,068.08            | 33.87           | 29.36       | 169.02                | -1,060.05                         | -285.49    | 2,602.61             | 2,547.07              | 58.14                   | 44.805            |                    |         |
| 6,600.00                   | 6,411.94            | 6,231.96            | 6,162.74            | 34.39           | 29.80       | 169.06                | -1,074.09                         | -289.77    | 2,642.41             | 2,586.87              | 59.02                   | 44.820            |                    |         |
| 6,650.00                   | 6,460.15            | 6,326.62            | 6,257.40            | 34.91           | 30.24       | 169.10                | -1,088.13                         | -294.05    | 2,682.21             | 2,626.67              | 59.90                   | 44.835            |                    |         |
| 6,651.35                   | 6,461.44            | 6,328.80            | 6,258.69            | 34.92           | 30.25       | 169.11                | -1,088.13                         | -294.05    | 2,682.21             | 2,626.67              | 59.90                   | 44.835            |                    |         |
| 6,700.00                   | 6,507.49            | 6,421.28            | 6,352.16            | 35.43           | 30.68       | 169.15                | -1,102.17                         | -298.33    | 2,722.01             | 2,666.47              | 60.78                   | 44.850            |                    |         |
| 6,750.00                   | 6,553.69            | 6,515.94            | 6,446.82            | 35.95           | 31.12       | 169.19                | -1,116.21                         | -302.61    | 2,761.81             | 2,706.27              | 61.66                   | 44.865            |                    |         |
| 6,800.00                   | 6,598.44            | 6,610.60            | 6,541.48            | 36.47           | 31.56       | 169.23                | -1,130.25                         | -306.89    | 2,801.61             | 2,746.07              | 62.54                   | 44.880            |                    |         |
| 6,850.00                   | 6,641.47            | 6,705.26            | 6,636.14            | 36.99           | 32.00       | 169.27                | -1,144.29                         | -311.17    | 2,841.41             | 2,785.87              | 63.42                   | 44.895            |                    |         |
| 6,900.00                   | 6,682.53            | 6,800.02            | 6,730.80            | 37.51           | 32.44       | 169.31                | -1,158.33                         | -315.45    | 2,881.21             | 2,825.67              | 64.30                   | 44.910            |                    |         |
| 6,950.00                   | 6,721.35            | 6,894.78            | 6,825.56            | 38.03           | 32.88       | 169.35                | -1,172.37                         | -319.73    | 2,921.01             | 2,865.47              | 65.18                   | 44.925            |                    |         |
| 7,000.00                   | 6,757.70            | 6,989.54            | 6,920.32            | 38.55           | 33.32       | 169.39                | -1,186.41                         | -324.01    | 2,960.81             | 2,905.27              | 66.06                   | 44.940            |                    |         |
| 7,050.00                   | 6,791.35            | 7,084.30            | 6,965.08            | 39.07           | 33.76       | 169.43                | -1,200.45                         | -328.29    | 3,000.61             | 2,945.07              | 66.94                   | 44.955            |                    |         |
| 7,100.00                   | 6,822.10            | 7,179.06            | 7,059.84            | 39.59           | 34.20       | 169.47                | -1,214.49                         | -332.57    | 3,040.41             | 2,984.87              | 67.82                   | 44.970            |                    |         |
| 7,150.00                   | 6,849.75            | 7,273.82            | 7,154.60            | 40.11           | 34.64       | 169.51                | -1,228.53                         | -336.85    | 3,080.21             | 3,024.67              | 68.70                   | 44.985            |                    |         |
| 7,200.00                   | 6,874.14            | 7,368.58            | 7,249.36            | 40.63           | 35.08       | 169.55                | -1,242.57                         | -341.13    | 3,120.01             | 3,064.47              | 69.58                   | 44.999            |                    |         |
| 7,250.00                   | 6,895.11            | 7,463.34            | 7,344.12            | 41.15           | 35.52       | 169.59                | -1,256.61                         | -345.41    | 3,159.81             | 3,104.27              | 70.46                   | 45.014            |                    |         |
| 7,300.00                   | 6,912.54            | 7,558.10            | 7,438.88            | 41.67           | 35.96       | 169.63                | -1,270.65                         | -349.69    | 3,199.61             | 3,144.07              | 71.34                   | 45.029            |                    |         |
| 7,350.00                   | 6,926.31            | 7,652.86            | 7,533.64            | 42.19           | 36.40       | 169.67                | -1,284.69                         | -353.97    | 3,239.41             | 3,183.87              | 72.22                   | 45.044            |                    |         |
| 7,400.00                   | 6,936.35            | 7,747.62            | 7,628.40            | 42.71           | 36.84       | 169.71                | -1,298.73                         | -358.25    | 3,279.21             | 3,223.67              | 73.10                   | 45.059            |                    |         |
| 7,450.00                   | 6,942.59            | 7,842.38            | 7,723.16            | 43.23           | 37.28       | 169.75                | -1,312.77                         | -362.53    | 3,319.01             | 3,263.47              | 73.98                   | 45.074            |                    |         |
| 7,500.00                   | 6,944.99            | 7,937.14            | 7,817.92            | 43.75           | 37.72       | 169.79                | -1,326.81                         | -366.81    | 3,358.81             | 3,303.27              | 74.86                   | 45.089            |                    |         |
| 7,512.10                   | 6,945.00            | 7,942.38            | 7,823.16            | 43.76           | 37.73       | 169.80                | -1,326.81                         | -366.81    | 3,358.81             | 3,303.27              | 74.86                   | 45.089            |                    |         |
| 7,600.00                   | 6,944.19            | 8,036.94            | 7,917.72            | 44.27           | 38.16       | 169.84                | -1,340.85                         | -371.09    | 3,398.61             | 3,343.07              | 75.74                   | 45.104            |                    |         |
| 7,700.00                   | 6,943.28            | 8,131.70            | 7,912.48            | 44.79           | 38.60       | 169.88                | -1,354.89                         | -375.37    | 3,438.41             | 3,382.87              | 76.62                   | 45.119            |                    |         |
| 7,800.00                   | 6,942.37            | 8,226.46            | 7,907.24            | 45.31           | 39.04       | 169.92                | -1,368.93                         | -379.65    | 3,478.21             | 3,422.67              | 77.50                   | 45.134            |                    |         |
| 7,900.00                   | 6,941.46            | 8,321.22            | 7,901.99            | 45.83           | 39.48       | 169.96                | -1,382.97                         | -383.93    | 3,518.01             | 3,462.47              | 78.38                   | 45.149            |                    |         |
| 8,000.00                   | 6,940.55            | 8,415.98            | 7,896.75            | 46.35           | 39.92       | 169.99                | -1,397.01                         | -388.21    | 3,557.81             | 3,502.27              | 79.26                   | 45.164            |                    |         |
| 8,100.00                   | 6,939.64            | 8,510.74            | 7,891.51            | 46.87           | 40.36       | 170.03                | -1,411.05                         | -392.49    | 3,597.61             | 3,542.07              | 80.14                   | 45.179            |                    |         |
| 8,138.85                   | 6,939.28            | 8,510.74            | 7,891.51            | 46.87           | 40.36       | 170.03                | -1,411.05                         | -392.49    | 3,597.61             | 3,542.07              | 80.14                   | 45.179            |                    |         |
| 8,200.00                   | 6,938.72            | 8,605.50            | 7,886.27            | 47.39           | 40.80       | 170.07                | -1,425.09                         | -396.77    | 3,637.41             | 3,581.87              | 81.02                   | 45.194            |                    |         |
| 8,300.00                   | 6,937.81            | 8,699.26            | 7,881.03            | 47.91           | 41.24       | 170.11                | -1,439.13                         | -401.05    | 3,677.21             | 3,621.67              | 81.90                   | 45.209            |                    |         |
| 8,400.00                   | 6,936.90            | 8,794.02            | 7,875.79            | 48.43           | 41.68       | 170.15                | -1,453.17                         | -405.33    | 3,717.01             | 3,661.47              | 82.78                   | 45.224            |                    |         |
| 8,500.00                   | 6,935.99            | 8,888.78            | 7,870.55            | 48.95           | 42.12       | 170.19                | -1,467.21                         | -409.61    | 3,756.81             | 3,701.27              | 83.66                   | 45.239            |                    |         |
| 8,600.00                   | 6,935.08            | 8,983.54            | 7,865.31            | 49.47           | 42.56       | 170.23                | -1,481.25                         | -413.89    | 3,796.61             | 3,741.07              | 84.54                   | 45.254            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,700.00                   | 6,934.17            | 6,500.00            | 6,421.31            | 60.78           | 30.84       | -77.43                | -1,108.32                         | -272.90    | 2,435.75             | 2,348.39              | 87.36                   | 27.883            |                    |         |
| 8,800.00                   | 6,933.25            | 6,486.00            | 6,407.87            | 63.13           | 30.79       | -77.11                | -1,106.25                         | -276.21    | 2,459.08             | 2,369.93              | 89.15                   | 27.582            |                    |         |
| 8,900.00                   | 6,932.34            | 6,476.22            | 6,398.43            | 65.52           | 30.75       | -76.88                | -1,104.79                         | -278.35    | 2,486.13             | 2,395.21              | 90.92                   | 27.344            |                    |         |
| 9,000.00                   | 6,931.43            | 6,467.64            | 6,390.14            | 67.95           | 30.72       | -76.67                | -1,103.50                         | -280.10    | 2,516.78             | 2,424.17              | 92.61                   | 27.175            |                    |         |
| 9,100.00                   | 6,930.52            | 6,450.00            | 6,373.00            | 70.40           | 30.65       | -76.26                | -1,100.85                         | -283.35    | 2,550.98             | 2,456.87              | 94.11                   | 27.106            |                    |         |
| 9,200.00                   | 6,929.61            | 6,450.00            | 6,373.00            | 72.89           | 30.65       | -76.26                | -1,100.85                         | -283.35    | 2,588.44             | 2,492.73              | 95.71                   | 27.045            |                    |         |
| 9,300.00                   | 6,928.69            | 6,450.00            | 6,373.00            | 75.40           | 30.65       | -76.26                | -1,100.85                         | -283.35    | 2,629.17             | 2,531.96              | 97.21                   | 27.047            |                    |         |
| 9,400.00                   | 6,927.78            | 6,450.00            | 6,373.00            | 77.93           | 30.65       | -76.26                | -1,100.85                         | -283.35    | 2,673.03             | 2,574.42              | 98.61                   | 27.108            |                    |         |
| 9,500.00                   | 6,926.87            | 6,450.00            | 6,373.00            | 80.48           | 30.65       | -76.26                | -1,100.85                         | -283.35    | 2,719.86             | 2,619.95              | 99.90                   | 27.225            |                    |         |
| 9,600.00                   | 6,925.96            | 6,432.50            | 6,355.92            | 83.05           | 30.57       | -75.84                | -1,098.21                         | -286.09    | 2,769.32             | 2,668.40              | 100.92                  | 27.441            |                    |         |
| 9,700.00                   | 6,925.05            | 6,428.43            | 6,351.93            | 85.64           | 30.55       | -75.75                | -1,097.59                         | -286.67    | 2,821.53             | 2,719.54              | 101.99                  | 27.666            |                    |         |
| 9,800.00                   | 6,924.14            | 6,424.69            | 6,348.28            | 88.25           | 30.54       | -75.66                | -1,097.03                         | -287.17    | 2,876.25             | 2,773.28              | 102.97                  | 27.933            |                    |         |
| 9,900.00                   | 6,923.22            | 6,421.26            | 6,344.91            | 90.86           | 30.52       | -75.58                | -1,096.51                         | -287.61    | 2,933.35             | 2,829.48              | 103.87                  | 28.240            |                    |         |
| 10,000.00                  | 6,922.31            | 6,418.09            | 6,341.81            | 93.50           | 30.51       | -75.50                | -1,096.03                         | -288.00    | 2,992.69             | 2,887.99              | 104.70                  | 28.584            |                    |         |
| 10,100.00                  | 6,921.40            | 6,400.00            | 6,324.03            | 96.14           | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,054.29             | 2,949.00              | 105.29                  | 29.008            |                    |         |
| 10,200.00                  | 6,920.49            | 6,400.00            | 6,324.03            | 98.79           | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,117.67             | 3,011.67              | 106.01                  | 29.410            |                    |         |
| 10,300.00                  | 6,919.58            | 6,400.00            | 6,324.03            | 101.45          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,182.94             | 3,076.28              | 106.66                  | 29.842            |                    |         |
| 10,400.00                  | 6,918.67            | 6,400.00            | 6,324.03            | 104.13          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,249.97             | 3,142.72              | 107.25                  | 30.302            |                    |         |
| 10,500.00                  | 6,917.75            | 6,400.00            | 6,324.03            | 106.81          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,318.66             | 3,210.87              | 107.79                  | 30.789            |                    |         |
| 10,600.00                  | 6,916.84            | 6,400.00            | 6,324.03            | 109.50          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,388.91             | 3,280.63              | 108.27                  | 31.300            |                    |         |
| 10,700.00                  | 6,915.93            | 6,400.00            | 6,324.03            | 112.19          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,460.62             | 3,351.91              | 108.71                  | 31.833            |                    |         |
| 10,800.00                  | 6,915.02            | 6,400.00            | 6,324.03            | 114.90          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,533.71             | 3,424.60              | 109.11                  | 32.388            |                    |         |
| 10,900.00                  | 6,914.11            | 6,400.00            | 6,324.03            | 117.61          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,608.09             | 3,498.62              | 109.46                  | 32.962            |                    |         |
| 11,000.00                  | 6,913.20            | 6,400.00            | 6,324.03            | 120.32          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,683.68             | 3,573.90              | 109.78                  | 33.555            |                    |         |
| 11,100.00                  | 6,912.28            | 6,400.00            | 6,324.03            | 123.04          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,760.41             | 3,650.34              | 110.07                  | 34.164            |                    |         |
| 11,200.00                  | 6,911.37            | 6,400.00            | 6,324.03            | 125.77          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,838.21             | 3,727.89              | 110.32                  | 34.790            |                    |         |
| 11,300.00                  | 6,910.46            | 6,400.00            | 6,324.03            | 128.50          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,917.02             | 3,806.47              | 110.55                  | 35.431            |                    |         |
| 11,400.00                  | 6,909.55            | 6,400.00            | 6,324.03            | 131.24          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 3,996.78             | 3,886.02              | 110.76                  | 36.085            |                    |         |
| 11,500.00                  | 6,908.64            | 6,400.00            | 6,324.03            | 133.98          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 4,077.43             | 3,966.49              | 110.94                  | 36.753            |                    |         |
| 11,600.00                  | 6,907.73            | 6,400.00            | 6,324.03            | 136.72          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 4,158.93             | 4,047.82              | 111.11                  | 37.432            |                    |         |
| 11,700.00                  | 6,906.81            | 6,400.00            | 6,324.03            | 139.47          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 4,241.21             | 4,129.96              | 111.25                  | 38.123            |                    |         |
| 11,800.00                  | 6,905.90            | 6,400.00            | 6,324.03            | 142.22          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 4,324.24             | 4,212.86              | 111.38                  | 38.825            |                    |         |
| 11,900.00                  | 6,904.99            | 6,400.00            | 6,324.03            | 144.97          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 4,407.98             | 4,296.49              | 111.49                  | 39.537            |                    |         |
| 12,000.00                  | 6,904.08            | 6,400.00            | 6,324.03            | 147.73          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 4,492.38             | 4,380.79              | 111.59                  | 40.259            |                    |         |
| 12,100.00                  | 6,903.17            | 6,400.00            | 6,324.03            | 150.49          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 4,577.41             | 4,465.73              | 111.67                  | 40.989            |                    |         |
| 12,200.00                  | 6,902.26            | 6,400.00            | 6,324.03            | 153.26          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 4,663.03             | 4,551.28              | 111.75                  | 41.727            |                    |         |
| 12,300.00                  | 6,901.34            | 6,400.00            | 6,324.03            | 156.02          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 4,749.22             | 4,637.40              | 111.82                  | 42.474            |                    |         |
| 12,400.00                  | 6,900.43            | 6,400.00            | 6,324.03            | 158.79          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 4,835.93             | 4,724.06              | 111.87                  | 43.228            |                    |         |
| 12,500.00                  | 6,899.52            | 6,400.00            | 6,324.03            | 161.56          | 30.43       | -75.07                | -1,093.27                         | -289.93    | 4,923.15             | 4,811.23              | 111.92                  | 43.988            |                    |         |
| 12,600.00                  | 6,898.61            | 6,378.64            | 6,302.99            | 164.34          | 30.34       | -74.56                | -1,090.02                         | -291.55    | 5,010.48             | 4,898.71              | 111.78                  | 44.826            |                    |         |
| 12,700.00                  | 6,897.70            | 6,377.90            | 6,302.26            | 167.11          | 30.33       | -74.55                | -1,089.90                         | -291.60    | 5,098.61             | 4,986.80              | 111.80                  | 45.603            |                    |         |
| 12,800.00                  | 6,896.79            | 6,377.19            | 6,301.55            | 169.89          | 30.33       | -74.53                | -1,089.79                         | -291.64    | 5,187.16             | 5,075.34              | 111.83                  | 46.385            |                    |         |
| 12,900.00                  | 6,895.87            | 6,376.50            | 6,300.88            | 172.67          | 30.33       | -74.51                | -1,089.69                         | -291.68    | 5,276.13             | 5,164.28              | 111.85                  | 47.173            |                    |         |
| 13,000.00                  | 6,894.96            | 6,375.84            | 6,300.22            | 175.45          | 30.33       | -74.50                | -1,089.59                         | -291.71    | 5,365.48             | 5,253.62              | 111.86                  | 47.966            |                    |         |
| 13,100.00                  | 6,894.05            | 6,375.20            | 6,299.59            | 178.23          | 30.32       | -74.48                | -1,089.49                         | -291.75    | 5,455.20             | 5,343.33              | 111.87                  | 48.764            |                    |         |
| 13,200.00                  | 6,893.14            | 6,374.59            | 6,298.98            | 181.02          | 30.32       | -74.47                | -1,089.39                         | -291.78    | 5,545.27             | 5,433.39              | 111.87                  | 49.567            |                    |         |
| 13,300.00                  | 6,892.23            | 6,373.99            | 6,298.40            | 183.80          | 30.32       | -74.45                | -1,089.30                         | -291.81    | 5,635.67             | 5,523.80              | 111.88                  | 50.374            |                    |         |
| 13,400.00                  | 6,891.31            | 6,373.42            | 6,297.83            | 186.59          | 30.31       | -74.44                | -1,089.22                         | -291.84    | 5,726.40             | 5,614.52              | 111.88                  | 51.184            |                    |         |
| 13,500.00                  | 6,890.40            | 6,372.86            | 6,297.28            | 189.38          | 30.31       | -74.43                | -1,089.13                         | -291.87    | 5,817.42             | 5,705.55              | 111.88                  | 51.999            |                    |         |
| 13,600.00                  | 6,889.49            | 6,372.32            | 6,296.75            | 192.17          | 30.31       | -74.41                | -1,089.05                         | -291.90    | 5,908.74             | 5,796.87              | 111.87                  | 52.818            |                    |         |
| 13,700.00                  | 6,888.58            | 6,350.00            | 6,274.70            | 194.97          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 6,000.72             | 5,889.05              | 111.68                  | 53.733            |                    |         |
| 13,800.00                  | 6,887.67            | 6,350.00            | 6,274.70            | 197.76          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 6,092.56             | 5,980.89              | 111.67                  | 54.557            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 13,900.00                  | 6,886.76            | 6,350.00            | 6,274.70            | 200.56          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 6,184.66             | 6,072.99              | 111.67                  | 55.384            |                    |         |
| 14,000.00                  | 6,885.84            | 6,350.00            | 6,274.70            | 203.35          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 6,276.99             | 6,165.33              | 111.66                  | 56.214            |                    |         |
| 14,100.00                  | 6,884.93            | 6,350.00            | 6,274.70            | 206.15          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 6,369.56             | 6,257.90              | 111.66                  | 57.046            |                    |         |
| 14,200.00                  | 6,884.02            | 6,350.00            | 6,274.70            | 208.95          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 6,462.34             | 6,350.70              | 111.65                  | 57.881            |                    |         |
| 14,300.00                  | 6,883.11            | 6,350.00            | 6,274.70            | 211.75          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 6,555.34             | 6,443.71              | 111.64                  | 58.719            |                    |         |
| 14,400.00                  | 6,882.20            | 6,350.00            | 6,274.70            | 214.55          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 6,648.55             | 6,536.92              | 111.63                  | 59.559            |                    |         |
| 14,500.00                  | 6,881.29            | 6,350.00            | 6,274.70            | 217.35          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 6,741.95             | 6,630.33              | 111.62                  | 60.401            |                    |         |
| 14,600.00                  | 6,880.37            | 6,350.00            | 6,274.70            | 220.15          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 6,835.53             | 6,723.92              | 111.61                  | 61.245            |                    |         |
| 14,700.00                  | 6,879.46            | 6,350.00            | 6,274.70            | 222.95          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 6,929.29             | 6,817.70              | 111.60                  | 62.092            |                    |         |
| 14,800.00                  | 6,878.55            | 6,350.00            | 6,274.70            | 225.76          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,023.23             | 6,911.64              | 111.59                  | 62.940            |                    |         |
| 14,900.00                  | 6,877.64            | 6,350.00            | 6,274.70            | 228.56          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,117.33             | 7,005.76              | 111.58                  | 63.789            |                    |         |
| 15,000.00                  | 6,876.73            | 6,350.00            | 6,274.70            | 231.37          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,211.59             | 7,100.03              | 111.56                  | 64.640            |                    |         |
| 15,100.00                  | 6,875.82            | 6,350.00            | 6,274.70            | 234.18          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,306.00             | 7,194.45              | 111.55                  | 65.493            |                    |         |
| 15,200.00                  | 6,874.90            | 6,350.00            | 6,274.70            | 236.98          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,400.56             | 7,289.02              | 111.54                  | 66.347            |                    |         |
| 15,300.00                  | 6,873.99            | 6,350.00            | 6,274.70            | 239.79          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,495.26             | 7,383.73              | 111.53                  | 67.203            |                    |         |
| 15,400.00                  | 6,873.08            | 6,350.00            | 6,274.70            | 242.60          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,590.10             | 7,478.58              | 111.52                  | 68.059            |                    |         |
| 15,500.00                  | 6,872.17            | 6,350.00            | 6,274.70            | 245.41          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,685.07             | 7,573.56              | 111.51                  | 68.917            |                    |         |
| 15,600.00                  | 6,871.26            | 6,350.00            | 6,274.70            | 248.22          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,780.16             | 7,668.66              | 111.50                  | 69.776            |                    |         |
| 15,700.00                  | 6,870.35            | 6,350.00            | 6,274.70            | 251.03          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,875.38             | 7,763.88              | 111.49                  | 70.635            |                    |         |
| 15,737.91                  | 6,870.00            | 6,350.00            | 6,274.70            | 252.10          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,911.50             | 7,800.01              | 111.49                  | 70.962            |                    |         |
| 15,738.53                  | 6,869.99            | 6,350.00            | 6,274.70            | 252.11          | 30.21       | -73.88                | -1,085.63                         | -292.60    | 7,912.09             | 7,800.60              | 111.49                  | 70.967            |                    |         |



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.68               | -14.94                            | -1.39      | 15.00                |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.68               | -14.94                            | -1.39      | 15.00                | 8.43                  | 6.57                    | 2.283             |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.68               | -14.94                            | -1.39      | 15.00                | 8.33                  | 6.67                    | 2.248             |                    |         |
| 300.00                     | 300.00              | 300.37              | 300.35              | 3.44            | 3.45        | -179.33               | -13.68                            | -0.16      | 13.69                | 6.79                  | 6.90                    | 1.985             |                    |         |
| 400.00                     | 399.98              | 400.59              | 400.42              | 3.60            | 3.61        | 136.84                | -9.93                             | 3.53       | 11.75                | 4.54                  | 7.22                    | 1.628             |                    |         |
| 462.10                     | 462.01              | 462.75              | 462.38              | 3.73            | 3.73        | 125.19                | -6.35                             | 7.05       | 11.36                | 3.91                  | 7.46                    | 1.524 CC          |                    |         |
| 500.00                     | 499.84              | 500.67              | 500.11              | 3.81            | 3.82        | 117.57                | -3.70                             | 9.66       | 11.52                | 3.90                  | 7.62                    | 1.513             |                    |         |
| 550.00                     | 549.68              | 550.65              | 549.78              | 3.93            | 3.94        | 107.88                | 0.35                              | 13.64      | 12.21                | 4.37                  | 7.85                    | 1.557             |                    |         |
| 600.00                     | 599.45              | 600.60              | 599.30              | 4.06            | 4.06        | 97.14                 | 5.00                              | 18.21      | 13.32                | 5.23                  | 8.10                    | 1.646             |                    |         |
| 700.00                     | 698.71              | 700.40              | 697.86              | 4.33            | 4.35        | 81.48                 | 16.14                             | 29.17      | 16.23                | 7.57                  | 8.66                    | 1.874             |                    |         |
| 800.00                     | 797.49              | 800.07              | 795.69              | 4.64            | 4.66        | 71.18                 | 29.71                             | 42.51      | 19.70                | 10.41                 | 9.29                    | 2.120             |                    |         |
| 900.00                     | 895.68              | 900.05              | 893.27              | 4.97            | 5.01        | 66.67                 | 44.90                             | 57.45      | 22.88                | 12.91                 | 9.97                    | 2.295             |                    |         |
| 1,000.00                   | 993.14              | 1,000.09            | 990.92              | 5.33            | 5.38        | 70.19                 | 60.15                             | 72.45      | 24.50                | 13.81                 | 10.69                   | 2.292             |                    |         |
| 1,039.84                   | 1,031.75            | 1,039.73            | 1,029.81            | 5.48            | 5.53        | 73.56                 | 66.22                             | 78.42      | 24.81                | 13.82                 | 10.99                   | 2.257             |                    |         |
| 1,100.00                   | 1,089.94            | 1,100.18            | 1,088.52            | 5.72            | 5.77        | 79.76                 | 75.38                             | 87.43      | 25.36                | 13.89                 | 11.47                   | 2.211             |                    |         |
| 1,200.00                   | 1,186.67            | 1,200.29            | 1,186.10            | 6.13            | 6.18        | 89.30                 | 90.62                             | 102.41     | 26.87                | 14.58                 | 12.29                   | 2.186             |                    |         |
| 1,300.00                   | 1,283.39            | 1,300.39            | 1,283.68            | 6.55            | 6.60        | 97.62                 | 105.85                            | 117.39     | 29.05                | 15.90                 | 13.15                   | 2.209             |                    |         |
| 1,400.00                   | 1,380.12            | 1,399.50            | 1,381.26            | 6.99            | 7.03        | 104.66                | 121.09                            | 132.37     | 31.75                | 17.72                 | 14.03                   | 2.264             |                    |         |
| 1,500.00                   | 1,476.85            | 1,500.61            | 1,478.84            | 7.45            | 7.47        | 110.52                | 136.32                            | 147.35     | 34.85                | 19.93                 | 14.92                   | 2.335             |                    |         |
| 1,600.00                   | 1,573.57            | 1,600.71            | 1,576.43            | 7.90            | 7.92        | 115.39                | 151.55                            | 162.33     | 38.25                | 22.43                 | 15.82                   | 2.418             |                    |         |
| 1,700.00                   | 1,670.30            | 1,700.82            | 1,674.01            | 8.37            | 8.37        | 119.43                | 166.79                            | 177.31     | 41.89                | 25.16                 | 16.73                   | 2.504             |                    |         |
| 1,800.00                   | 1,767.03            | 1,800.92            | 1,771.59            | 8.85            | 8.83        | 122.82                | 182.02                            | 192.29     | 45.70                | 28.05                 | 17.64                   | 2.590             |                    |         |
| 1,900.00                   | 1,863.75            | 1,901.03            | 1,869.17            | 9.32            | 9.29        | 125.68                | 197.26                            | 207.27     | 49.64                | 31.08                 | 18.56                   | 2.674             |                    |         |
| 2,000.00                   | 1,960.48            | 2,001.14            | 1,966.76            | 9.81            | 9.75        | 128.11                | 212.49                            | 222.25     | 53.69                | 34.21                 | 19.48                   | 2.756             |                    |         |
| 2,100.00                   | 2,057.21            | 2,098.76            | 2,064.34            | 10.29           | 10.21       | 130.20                | 227.72                            | 237.24     | 57.82                | 37.42                 | 20.40                   | 2.834             |                    |         |
| 2,200.00                   | 2,153.93            | 2,198.65            | 2,161.92            | 10.78           | 10.68       | 132.00                | 242.96                            | 252.22     | 62.02                | 40.69                 | 21.33                   | 2.908             |                    |         |
| 2,300.00                   | 2,250.66            | 2,301.45            | 2,259.50            | 11.28           | 11.17       | 133.58                | 258.19                            | 267.20     | 66.27                | 44.00                 | 22.28                   | 2.975             |                    |         |
| 2,400.00                   | 2,347.39            | 2,401.56            | 2,357.09            | 11.77           | 11.65       | 134.97                | 273.42                            | 282.18     | 70.57                | 47.35                 | 23.22                   | 3.040             |                    |         |
| 2,500.00                   | 2,444.11            | 2,501.67            | 2,454.67            | 12.27           | 12.12       | 136.19                | 288.66                            | 297.16     | 74.90                | 50.75                 | 24.16                   | 3.101             |                    |         |
| 2,600.00                   | 2,540.84            | 2,601.77            | 2,552.25            | 12.77           | 12.60       | 137.29                | 303.89                            | 312.14     | 79.27                | 54.16                 | 25.10                   | 3.158             |                    |         |
| 2,700.00                   | 2,637.57            | 2,701.88            | 2,649.83            | 13.27           | 13.08       | 138.26                | 319.13                            | 327.12     | 83.66                | 57.61                 | 26.05                   | 3.211             |                    |         |
| 2,800.00                   | 2,734.30            | 2,801.98            | 2,747.42            | 13.78           | 13.57       | 139.14                | 334.36                            | 342.10     | 88.07                | 61.07                 | 27.00                   | 3.262             |                    |         |
| 2,900.00                   | 2,831.02            | 2,902.09            | 2,845.00            | 14.28           | 14.05       | 139.94                | 349.59                            | 357.08     | 92.50                | 64.55                 | 27.95                   | 3.309             |                    |         |
| 3,000.00                   | 2,927.75            | 3,002.20            | 2,942.58            | 14.79           | 14.54       | 140.66                | 364.83                            | 372.06     | 96.94                | 68.04                 | 28.90                   | 3.354             |                    |         |
| 3,100.00                   | 3,024.48            | 3,102.30            | 3,040.16            | 15.29           | 15.02       | 141.32                | 380.06                            | 387.04     | 101.40               | 71.54                 | 29.86                   | 3.396             |                    |         |
| 3,200.00                   | 3,121.20            | 3,202.41            | 3,137.74            | 15.80           | 15.51       | 141.93                | 395.29                            | 402.02     | 105.87               | 75.06                 | 30.82                   | 3.436             |                    |         |
| 3,300.00                   | 3,217.93            | 3,302.51            | 3,235.33            | 16.31           | 15.99       | 142.48                | 410.53                            | 417.00     | 110.36               | 78.58                 | 31.78                   | 3.473             |                    |         |
| 3,400.00                   | 3,314.66            | 3,397.38            | 3,332.91            | 16.82           | 16.46       | 142.99                | 425.76                            | 431.98     | 114.85               | 82.14                 | 32.71                   | 3.511             |                    |         |
| 3,500.00                   | 3,411.38            | 3,502.73            | 3,430.49            | 17.33           | 16.97       | 143.46                | 441.00                            | 446.96     | 119.35               | 85.65                 | 33.70                   | 3.542             |                    |         |
| 3,600.00                   | 3,508.11            | 3,602.83            | 3,528.07            | 17.84           | 17.46       | 143.90                | 456.23                            | 461.95     | 123.86               | 89.20                 | 34.66                   | 3.574             |                    |         |
| 3,700.00                   | 3,604.84            | 3,702.94            | 3,625.66            | 18.36           | 17.95       | 144.31                | 471.46                            | 476.93     | 128.37               | 92.75                 | 35.62                   | 3.604             |                    |         |
| 3,800.00                   | 3,701.56            | 3,796.96            | 3,723.24            | 18.87           | 18.41       | 144.69                | 486.70                            | 491.91     | 132.90               | 96.34                 | 36.56                   | 3.635             |                    |         |
| 3,900.00                   | 3,798.29            | 3,896.85            | 3,820.82            | 19.38           | 18.90       | 145.05                | 501.93                            | 506.89     | 137.42               | 99.90                 | 37.52                   | 3.662             |                    |         |
| 4,000.00                   | 3,895.02            | 4,003.26            | 3,918.40            | 19.89           | 19.42       | 145.38                | 517.17                            | 521.87     | 141.95               | 103.43                | 38.52                   | 3.685             |                    |         |
| 4,100.00                   | 3,991.74            | 4,096.64            | 4,015.99            | 20.41           | 19.88       | 145.69                | 532.40                            | 536.85     | 146.49               | 107.03                | 39.46                   | 3.713             |                    |         |
| 4,200.00                   | 4,088.47            | 4,203.47            | 4,113.57            | 20.92           | 20.41       | 145.98                | 547.63                            | 551.83     | 151.03               | 110.57                | 40.46                   | 3.733             |                    |         |
| 4,300.00                   | 4,185.20            | 4,296.43            | 4,211.15            | 21.44           | 20.86       | 146.26                | 562.87                            | 566.81     | 155.57               | 114.18                | 41.39                   | 3.759             |                    |         |
| 4,400.00                   | 4,281.92            | 4,396.32            | 4,308.73            | 21.95           | 21.36       | 146.52                | 578.10                            | 581.79     | 160.12               | 117.76                | 42.36                   | 3.780             |                    |         |
| 4,500.00                   | 4,378.65            | 4,503.79            | 4,406.32            | 22.47           | 21.89       | 146.77                | 593.33                            | 596.77     | 164.67               | 121.31                | 43.37                   | 3.797             |                    |         |
| 4,600.00                   | 4,475.38            | 4,603.89            | 4,503.90            | 22.99           | 22.38       | 147.00                | 608.57                            | 611.75     | 169.22               | 124.89                | 44.34                   | 3.817             |                    |         |
| 4,700.00                   | 4,572.10            | 4,704.00            | 4,601.48            | 23.50           | 22.87       | 147.22                | 623.80                            | 626.73     | 173.78               | 128.47                | 45.31                   | 3.835             |                    |         |
| 4,800.00                   | 4,668.83            | 4,795.90            | 4,699.06            | 24.02           | 23.33       | 147.43                | 639.04                            | 641.71     | 178.34               | 132.10                | 46.24                   | 3.857             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00                   | 4,765.56            | 4,904.21            | 4,796.65            | 24.53           | 23.86       | 147.63                | 654.27                            | 656.69     | 182.90               | 135.65                | 47.25                   | 3.871             |                    |         |
| 5,000.00                   | 4,862.28            | 5,004.32            | 4,894.23            | 25.05           | 24.36       | 147.82                | 669.50                            | 671.67     | 187.46               | 139.24                | 48.23                   | 3.887             |                    |         |
| 5,100.00                   | 4,959.01            | 5,104.42            | 4,991.81            | 25.57           | 24.85       | 148.00                | 684.74                            | 686.66     | 192.03               | 142.83                | 49.20                   | 3.903             |                    |         |
| 5,200.00                   | 5,055.74            | 5,204.53            | 5,089.39            | 26.09           | 25.34       | 148.17                | 699.97                            | 701.64     | 196.59               | 146.42                | 50.17                   | 3.918             |                    |         |
| 5,300.00                   | 5,152.46            | 5,304.63            | 5,186.97            | 26.60           | 25.84       | 148.33                | 715.20                            | 716.62     | 201.16               | 150.01                | 51.15                   | 3.933             |                    |         |
| 5,400.00                   | 5,249.19            | 5,404.74            | 5,284.56            | 27.12           | 26.33       | 148.49                | 730.44                            | 731.60     | 205.73               | 153.61                | 52.12                   | 3.947             |                    |         |
| 5,500.00                   | 5,345.92            | 5,504.85            | 5,382.14            | 27.64           | 26.83       | 148.64                | 745.67                            | 746.58     | 210.30               | 157.20                | 53.10                   | 3.961             |                    |         |
| 5,600.00                   | 5,442.65            | 5,604.95            | 5,479.72            | 28.16           | 27.32       | 148.78                | 760.91                            | 761.56     | 214.87               | 160.80                | 54.07                   | 3.974             |                    |         |
| 5,700.00                   | 5,539.37            | 5,705.06            | 5,577.30            | 28.68           | 27.82       | 148.92                | 776.14                            | 776.54     | 219.45               | 164.40                | 55.05                   | 3.986             |                    |         |
| 5,800.00                   | 5,636.10            | 5,805.16            | 5,674.89            | 29.20           | 28.32       | 149.05                | 791.37                            | 791.52     | 224.02               | 168.00                | 56.02                   | 3.999             |                    |         |
| 5,900.00                   | 5,732.83            | 5,905.27            | 5,772.47            | 29.71           | 28.81       | 149.18                | 806.61                            | 806.50     | 228.60               | 171.60                | 57.00                   | 4.010             |                    |         |
| 6,000.00                   | 5,829.55            | 6,005.38            | 5,870.05            | 30.23           | 29.31       | 149.30                | 821.84                            | 821.48     | 233.18               | 175.20                | 57.98                   | 4.022             |                    |         |
| 6,100.00                   | 5,926.28            | 6,094.52            | 5,967.63            | 30.75           | 29.75       | 149.42                | 837.08                            | 836.46     | 237.76               | 178.85                | 58.90                   | 4.037             |                    |         |
| 6,200.00                   | 6,023.01            | 6,205.59            | 6,065.22            | 31.27           | 30.30       | 149.53                | 852.31                            | 851.44     | 242.33               | 182.40                | 59.93                   | 4.044             |                    |         |
| 6,300.00                   | 6,119.73            | 6,294.31            | 6,162.80            | 31.79           | 30.74       | 149.64                | 867.54                            | 866.42     | 246.91               | 186.06                | 60.85                   | 4.058             |                    |         |
| 6,397.75                   | 6,214.28            | 6,408.05            | 6,258.18            | 32.30           | 31.30       | 149.74                | 882.43                            | 881.07     | 251.39               | 189.51                | 61.89                   | 4.062             |                    |         |
| 6,400.00                   | 6,216.46            | 6,405.80            | 6,260.38            | 32.31           | 31.29       | 150.34                | 882.78                            | 881.40     | 251.50               | 189.61                | 61.89                   | 4.064             |                    |         |
| 6,450.00                   | 6,265.12            | 6,444.12            | 6,309.14            | 32.56           | 31.48       | 166.16                | 890.39                            | 888.89     | 253.39               | 191.06                | 62.33                   | 4.065             |                    |         |
| 6,500.00                   | 6,314.12            | 6,493.76            | 6,357.64            | 32.78           | 31.73       | -173.55               | 897.96                            | 896.34     | 254.65               | 191.78                | 62.87                   | 4.051             |                    |         |
| 6,550.00                   | 6,363.16            | 6,542.44            | 6,405.20            | 32.99           | 31.97       | -153.29               | 905.38                            | 903.59     | 255.52               | 192.09                | 63.43                   | 4.029             |                    |         |
| 6,600.00                   | 6,411.94            | 6,589.35            | 6,451.31            | 33.18           | 32.19       | -137.94               | 912.49                            | 908.33     | 256.58               | 192.61                | 63.97                   | 4.011             |                    |         |
| 6,650.00                   | 6,460.15            | 6,636.99            | 6,498.38            | 33.35           | 32.40       | -128.17               | 919.61                            | 909.61     | 258.05               | 193.54                | 64.51                   | 4.000             |                    |         |
| 6,700.00                   | 6,507.49            | 6,685.41            | 6,546.22            | 33.52           | 32.59       | -122.39               | 926.71                            | 907.27     | 259.92               | 194.88                | 65.04                   | 3.996             |                    |         |
| 6,750.00                   | 6,553.69            | 6,734.68            | 6,594.58            | 33.69           | 32.77       | -119.10               | 933.74                            | 901.13     | 262.20               | 196.65                | 65.55                   | 4.000             |                    |         |
| 6,800.00                   | 6,598.44            | 6,784.84            | 6,643.21            | 33.85           | 32.95       | -117.37               | 940.65                            | 891.02     | 264.86               | 198.82                | 66.04                   | 4.010             |                    |         |
| 6,850.00                   | 6,641.47            | 6,835.94            | 6,691.80            | 34.02           | 33.13       | -116.62               | 947.40                            | 876.78     | 267.88               | 201.38                | 66.49                   | 4.029             |                    |         |
| 6,900.00                   | 6,682.53            | 6,888.02            | 6,740.03            | 34.19           | 33.32       | -116.51               | 953.93                            | 858.27     | 271.20               | 204.32                | 66.88                   | 4.055             |                    |         |
| 6,950.00                   | 6,721.35            | 6,941.14            | 6,787.52            | 34.38           | 33.51       | -116.82               | 960.19                            | 835.36     | 274.79               | 207.59                | 67.20                   | 4.089             |                    |         |
| 7,000.00                   | 6,757.70            | 6,995.31            | 6,833.87            | 34.57           | 33.71       | -117.40               | 966.10                            | 807.97     | 278.56               | 211.14                | 67.43                   | 4.131             |                    |         |
| 7,050.00                   | 6,791.35            | 7,050.58            | 6,878.63            | 34.79           | 33.93       | -118.16               | 971.59                            | 776.04     | 282.46               | 214.90                | 67.56                   | 4.181             |                    |         |
| 7,100.00                   | 6,822.10            | 7,106.95            | 6,921.30            | 35.03           | 34.16       | -119.02               | 976.60                            | 739.58     | 286.40               | 218.79                | 67.61                   | 4.236             |                    |         |
| 7,150.00                   | 6,849.75            | 7,164.44            | 6,961.38            | 35.30           | 34.43       | -119.93               | 981.05                            | 698.64     | 290.29               | 222.70                | 67.59                   | 4.295             |                    |         |
| 7,200.00                   | 6,874.14            | 7,223.02            | 6,998.31            | 35.61           | 34.74       | -120.85               | 984.85                            | 653.36     | 294.05               | 226.51                | 67.54                   | 4.354             |                    |         |
| 7,250.00                   | 6,895.11            | 7,282.66            | 7,031.55            | 35.95           | 35.09       | -121.75               | 987.95                            | 603.95     | 297.60               | 230.10                | 67.50                   | 4.409             |                    |         |
| 7,300.00                   | 6,912.54            | 7,343.31            | 7,060.52            | 36.34           | 35.50       | -122.61               | 990.25                            | 550.74     | 300.84               | 233.33                | 67.51                   | 4.456             |                    |         |
| 7,350.00                   | 6,926.31            | 7,404.90            | 7,084.69            | 36.77           | 35.98       | -123.41               | 991.71                            | 494.14     | 303.69               | 236.05                | 67.64                   | 4.490             |                    |         |
| 7,400.00                   | 6,936.35            | 7,467.32            | 7,103.57            | 37.25           | 36.53       | -124.14               | 992.26                            | 434.67     | 306.08               | 238.14                | 67.94                   | 4.505             |                    |         |
| 7,450.00                   | 6,942.59            | 7,530.47            | 7,116.72            | 37.76           | 37.14       | -124.79               | 991.86                            | 372.94     | 307.94               | 239.48                | 68.46                   | 4.498             |                    |         |
| 7,500.00                   | 6,944.99            | 7,594.19            | 7,123.80            | 38.31           | 37.82       | -125.35               | 990.49                            | 309.65     | 309.22               | 239.99                | 69.23                   | 4.467             |                    |         |
| 7,512.10                   | 6,945.00            | 7,609.68            | 7,124.57            | 38.44           | 37.98       | -125.47               | 990.01                            | 294.19     | 309.44               | 239.99                | 69.45                   | 4.456             |                    |         |
| 7,600.00                   | 6,944.19            | 7,704.20            | 7,124.44            | 39.51           | 39.11       | -125.66               | 986.36                            | 199.75     | 309.24               | 237.83                | 71.41                   | 4.330             |                    |         |
| 7,700.00                   | 6,943.28            | 7,804.20            | 7,123.56            | 40.90           | 40.46       | -125.73               | 982.39                            | 99.83      | 308.74               | 234.91                | 73.83                   | 4.182             |                    |         |
| 7,800.00                   | 6,942.37            | 7,904.19            | 7,122.68            | 42.44           | 41.97       | -125.81               | 978.41                            | -0.08      | 308.24               | 231.76                | 76.47                   | 4.031             |                    |         |
| 7,900.00                   | 6,941.46            | 8,004.19            | 7,121.81            | 44.11           | 43.61       | -125.88               | 974.44                            | -100.00    | 307.73               | 228.43                | 79.30                   | 3.881             |                    |         |
| 8,000.00                   | 6,940.55            | 8,104.19            | 7,120.93            | 45.90           | 45.38       | -125.96               | 970.47                            | -199.91    | 307.23               | 224.94                | 82.30                   | 3.733             |                    |         |
| 8,100.00                   | 6,939.64            | 8,204.19            | 7,120.05            | 47.80           | 47.25       | -126.03               | 966.49                            | -299.83    | 306.73               | 221.29                | 85.44                   | 3.590             |                    |         |
| 8,200.00                   | 6,938.72            | 8,304.19            | 7,119.17            | 49.79           | 49.22       | -126.11               | 962.52                            | -399.74    | 306.23               | 217.51                | 88.72                   | 3.452             |                    |         |
| 8,300.00                   | 6,937.81            | 8,404.18            | 7,118.30            | 51.86           | 51.27       | -126.19               | 958.55                            | -499.66    | 305.73               | 213.61                | 92.12                   | 3.319             |                    |         |
| 8,400.00                   | 6,936.90            | 8,504.18            | 7,117.42            | 54.01           | 53.39       | -126.26               | 954.58                            | -599.57    | 305.23               | 209.62                | 95.61                   | 3.192             |                    |         |
| 8,500.00                   | 6,935.99            | 8,604.18            | 7,116.54            | 56.21           | 55.57       | -126.34               | 950.60                            | -699.49    | 304.73               | 205.53                | 99.21                   | 3.072             |                    |         |
| 8,600.00                   | 6,935.08            | 8,704.18            | 7,115.67            | 58.47           | 57.82       | -126.42               | 946.63                            | -799.40    | 304.23               | 201.35                | 102.88                  | 2.957             |                    |         |
| 8,700.00                   | 6,934.17            | 8,804.18            | 7,114.79            | 60.78           | 60.12       | -126.49               | 942.66                            | -899.32    | 303.73               | 197.11                | 106.62                  | 2.849             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                   | 6,933.25            | 8,904.17            | 7,113.91            | 63.13           | 62.46       | -126.57               | 938.68                            | -999.23    | 303.24               | 192.81                | 110.43                  | 2.746             |                    |         |
| 8,900.00                   | 6,932.34            | 9,004.17            | 7,113.03            | 65.52           | 64.84       | -126.65               | 934.71                            | -1,099.15  | 302.74               | 188.45                | 114.29                  | 2.649             |                    |         |
| 9,000.00                   | 6,931.43            | 9,104.17            | 7,112.16            | 67.95           | 67.25       | -126.73               | 930.74                            | -1,199.06  | 302.24               | 184.04                | 118.20                  | 2.557             |                    |         |
| 9,100.00                   | 6,930.52            | 9,204.17            | 7,111.28            | 70.40           | 69.70       | -126.81               | 926.76                            | -1,298.98  | 301.75               | 179.59                | 122.16                  | 2.470             |                    |         |
| 9,200.00                   | 6,929.61            | 9,304.17            | 7,110.40            | 72.89           | 72.18       | -126.89               | 922.79                            | -1,398.89  | 301.25               | 175.10                | 126.15                  | 2.388             |                    |         |
| 9,300.00                   | 6,928.69            | 9,404.16            | 7,109.52            | 75.40           | 74.68       | -126.96               | 918.82                            | -1,498.81  | 300.76               | 170.58                | 130.18                  | 2.310             |                    |         |
| 9,400.00                   | 6,927.78            | 9,504.16            | 7,108.65            | 77.93           | 77.21       | -127.04               | 914.84                            | -1,598.72  | 300.26               | 166.03                | 134.23                  | 2.237             |                    |         |
| 9,500.00                   | 6,926.87            | 9,604.16            | 7,107.77            | 80.48           | 79.76       | -127.12               | 910.87                            | -1,698.64  | 299.77               | 161.45                | 138.32                  | 2.167             |                    |         |
| 9,600.00                   | 6,925.96            | 9,704.16            | 7,106.89            | 83.05           | 82.33       | -127.20               | 906.90                            | -1,798.55  | 299.28               | 156.85                | 142.42                  | 2.101             |                    |         |
| 9,700.00                   | 6,925.05            | 9,804.16            | 7,106.01            | 85.64           | 84.91       | -127.28               | 902.92                            | -1,898.47  | 298.79               | 152.23                | 146.55                  | 2.039             |                    |         |
| 9,800.00                   | 6,924.14            | 9,904.15            | 7,105.14            | 88.25           | 87.51       | -127.36               | 898.95                            | -1,998.38  | 298.29               | 147.60                | 150.70                  | 1.979             |                    |         |
| 9,900.00                   | 6,923.22            | 10,004.15           | 7,104.26            | 90.86           | 90.13       | -127.44               | 894.98                            | -2,098.30  | 297.80               | 142.95                | 154.86                  | 1.923             |                    |         |
| 10,000.00                  | 6,922.31            | 10,104.15           | 7,103.38            | 93.50           | 92.75       | -127.52               | 891.01                            | -2,198.21  | 297.31               | 138.28                | 159.03                  | 1.870             |                    |         |
| 10,100.00                  | 6,921.40            | 10,204.15           | 7,102.50            | 96.14           | 95.39       | -127.61               | 887.03                            | -2,298.13  | 296.82               | 133.60                | 163.22                  | 1.819             |                    |         |
| 10,200.00                  | 6,920.49            | 10,304.14           | 7,101.63            | 98.79           | 98.05       | -127.69               | 883.06                            | -2,398.04  | 296.33               | 128.92                | 167.41                  | 1.770             |                    |         |
| 10,300.00                  | 6,919.58            | 10,404.14           | 7,100.75            | 101.45          | 100.71      | -127.77               | 879.09                            | -2,497.96  | 295.84               | 124.23                | 171.62                  | 1.724             |                    |         |
| 10,400.00                  | 6,918.67            | 10,504.14           | 7,099.87            | 104.13          | 103.38      | -127.85               | 875.11                            | -2,597.87  | 295.36               | 119.53                | 175.83                  | 1.680             |                    |         |
| 10,500.00                  | 6,917.75            | 10,604.14           | 7,098.99            | 106.81          | 106.06      | -127.93               | 871.14                            | -2,697.79  | 294.87               | 114.82                | 180.05                  | 1.638             |                    |         |
| 10,600.00                  | 6,916.84            | 10,704.14           | 7,098.12            | 109.50          | 108.75      | -128.01               | 867.17                            | -2,797.70  | 294.38               | 110.11                | 184.27                  | 1.598             |                    |         |
| 10,700.00                  | 6,915.93            | 10,804.13           | 7,097.24            | 112.19          | 111.44      | -128.10               | 863.19                            | -2,897.62  | 293.89               | 105.40                | 188.50                  | 1.559             |                    |         |
| 10,800.00                  | 6,915.02            | 10,904.13           | 7,096.36            | 114.90          | 114.15      | -128.18               | 859.22                            | -2,997.53  | 293.41               | 100.68                | 192.73                  | 1.522             |                    |         |
| 10,900.00                  | 6,914.11            | 11,004.13           | 7,095.49            | 117.61          | 116.86      | -128.26               | 855.25                            | -3,097.45  | 292.92               | 95.97                 | 196.96                  | 1.487 Level 3     |                    |         |
| 11,000.00                  | 6,913.20            | 11,104.13           | 7,094.61            | 120.32          | 119.57      | -128.35               | 851.27                            | -3,197.36  | 292.44               | 91.25                 | 201.19                  | 1.454 Level 3     |                    |         |
| 11,100.00                  | 6,912.28            | 11,204.13           | 7,093.73            | 123.04          | 122.29      | -128.43               | 847.30                            | -3,297.28  | 291.96               | 86.53                 | 205.42                  | 1.421 Level 3     |                    |         |
| 11,200.00                  | 6,911.37            | 11,304.12           | 7,092.85            | 125.77          | 125.02      | -128.51               | 843.33                            | -3,397.20  | 291.47               | 81.82                 | 209.65                  | 1.390 Level 3     |                    |         |
| 11,300.00                  | 6,910.46            | 11,404.12           | 7,091.98            | 128.50          | 127.75      | -128.60               | 839.36                            | -3,497.11  | 290.99               | 77.11                 | 213.88                  | 1.360 Level 3     |                    |         |
| 11,400.00                  | 6,909.55            | 11,504.12           | 7,091.10            | 131.24          | 130.49      | -128.68               | 835.38                            | -3,597.03  | 290.51               | 72.39                 | 218.11                  | 1.332 Level 3     |                    |         |
| 11,500.00                  | 6,908.64            | 11,604.12           | 7,090.22            | 133.98          | 133.23      | -128.77               | 831.41                            | -3,696.94  | 290.03               | 67.69                 | 222.34                  | 1.304 Level 3     |                    |         |
| 11,600.00                  | 6,907.73            | 11,704.12           | 7,089.34            | 136.72          | 135.97      | -128.85               | 827.44                            | -3,796.86  | 289.55               | 62.98                 | 226.57                  | 1.278 Level 3     |                    |         |
| 11,700.00                  | 6,906.81            | 11,804.11           | 7,088.47            | 139.47          | 138.72      | -128.94               | 823.46                            | -3,896.77  | 289.07               | 58.28                 | 230.79                  | 1.253 Level 3     |                    |         |
| 11,800.00                  | 6,905.90            | 11,904.11           | 7,087.59            | 142.22          | 141.48      | -129.02               | 819.49                            | -3,996.69  | 288.59               | 53.58                 | 235.00                  | 1.228 Level 2     |                    |         |
| 11,900.00                  | 6,904.99            | 12,004.11           | 7,086.71            | 144.97          | 144.23      | -129.11               | 815.52                            | -4,096.60  | 288.11               | 48.89                 | 239.22                  | 1.204 Level 2     |                    |         |
| 12,000.00                  | 6,904.08            | 12,104.11           | 7,085.83            | 147.73          | 146.99      | -129.20               | 811.54                            | -4,196.52  | 287.63               | 44.20                 | 243.43                  | 1.182 Level 2     |                    |         |
| 12,100.00                  | 6,903.17            | 12,204.11           | 7,084.96            | 150.49          | 149.75      | -129.28               | 807.57                            | -4,296.43  | 287.15               | 39.52                 | 247.63                  | 1.160 Level 2     |                    |         |
| 12,200.00                  | 6,902.26            | 12,304.10           | 7,084.08            | 153.26          | 152.52      | -129.37               | 803.60                            | -4,396.35  | 286.67               | 34.85                 | 251.83                  | 1.138 Level 2     |                    |         |
| 12,300.00                  | 6,901.34            | 12,404.10           | 7,083.20            | 156.02          | 155.28      | -129.46               | 799.62                            | -4,496.26  | 286.20               | 30.18                 | 256.02                  | 1.118 Level 2     |                    |         |
| 12,400.00                  | 6,900.43            | 12,504.10           | 7,082.32            | 158.79          | 158.05      | -129.54               | 795.65                            | -4,596.18  | 285.72               | 25.51                 | 260.21                  | 1.098 Level 2     |                    |         |
| 12,500.00                  | 6,899.52            | 12,604.10           | 7,081.45            | 161.56          | 160.83      | -129.63               | 791.68                            | -4,696.09  | 285.25               | 20.86                 | 264.39                  | 1.079 Level 2     |                    |         |
| 12,600.00                  | 6,898.61            | 12,704.09           | 7,080.57            | 164.34          | 163.60      | -129.72               | 787.70                            | -4,796.01  | 284.77               | 16.21                 | 268.56                  | 1.060 Level 2     |                    |         |
| 12,700.00                  | 6,897.70            | 12,804.09           | 7,079.69            | 167.11          | 166.38      | -129.81               | 783.73                            | -4,895.92  | 284.30               | 11.57                 | 272.73                  | 1.042 Level 2     |                    |         |
| 12,800.00                  | 6,896.79            | 12,904.09           | 7,078.82            | 169.89          | 169.16      | -129.90               | 779.76                            | -4,995.84  | 283.83               | 6.93                  | 276.89                  | 1.025 Level 2     |                    |         |
| 12,900.00                  | 6,895.87            | 13,004.09           | 7,077.94            | 172.67          | 171.94      | -129.99               | 775.79                            | -5,095.75  | 283.36               | 2.31                  | 281.05                  | 1.008 Level 2     |                    |         |
| 13,000.00                  | 6,894.96            | 13,104.09           | 7,077.06            | 175.45          | 174.72      | -130.08               | 771.81                            | -5,195.67  | 282.88               | -2.31                 | 285.19                  | 0.992 Level 1     |                    |         |
| 13,100.00                  | 6,894.05            | 13,204.08           | 7,076.18            | 178.23          | 177.51      | -130.17               | 767.84                            | -5,295.58  | 282.41               | -6.92                 | 289.33                  | 0.976 Level 1     |                    |         |
| 13,200.00                  | 6,893.14            | 13,304.08           | 7,075.31            | 181.02          | 180.29      | -130.26               | 763.87                            | -5,395.50  | 281.94               | -11.52                | 293.46                  | 0.961 Level 1     |                    |         |
| 13,300.00                  | 6,892.23            | 13,404.08           | 7,074.43            | 183.80          | 183.08      | -130.35               | 759.89                            | -5,495.41  | 281.47               | -16.11                | 297.58                  | 0.946 Level 1     |                    |         |
| 13,400.00                  | 6,891.31            | 13,504.08           | 7,073.55            | 186.59          | 185.87      | -130.44               | 755.92                            | -5,595.33  | 281.00               | -20.69                | 301.69                  | 0.931 Level 1     |                    |         |
| 13,500.00                  | 6,890.40            | 13,604.08           | 7,072.67            | 189.38          | 188.67      | -130.53               | 751.95                            | -5,695.24  | 280.54               | -25.26                | 305.80                  | 0.917 Level 1     |                    |         |
| 13,600.00                  | 6,889.49            | 13,704.07           | 7,071.80            | 192.17          | 191.46      | -130.62               | 747.97                            | -5,795.16  | 280.07               | -29.82                | 309.89                  | 0.904 Level 1     |                    |         |
| 13,700.00                  | 6,888.58            | 13,804.07           | 7,070.92            | 194.97          | 194.25      | -130.71               | 744.00                            | -5,895.07  | 279.60               | -34.38                | 313.98                  | 0.891 Level 1     |                    |         |
| 13,800.00                  | 6,887.67            | 13,904.07           | 7,070.04            | 197.76          | 197.05      | -130.80               | 740.03                            | -5,994.99  | 279.14               | -38.92                | 318.06                  | 0.878 Level 1     |                    |         |
| 13,900.00                  | 6,886.76            | 14,004.07           | 7,069.16            | 200.56          | 199.85      | -130.89               | 736.05                            | -6,094.90  | 278.67               | -43.45                | 322.12                  | 0.865 Level 1     |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                       | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-----------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                       | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                       |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor     |                    |         |
| 14,000.00                  | 6,885.84            | 14,104.07           | 7,068.29            | 203.35          | 202.64      | -130.98               | 732.08                            | -6,194.82  | 278.21               | -47.98                | 326.18                  | 0.853 Level 1         |                    |         |
| 14,100.00                  | 6,884.93            | 14,204.06           | 7,067.41            | 206.15          | 205.44      | -131.08               | 728.11                            | -6,294.73  | 277.74               | -52.49                | 330.23                  | 0.841 Level 1         |                    |         |
| 14,200.00                  | 6,884.02            | 14,304.06           | 7,066.53            | 208.95          | 208.24      | -131.17               | 724.14                            | -6,394.65  | 277.28               | -56.99                | 334.27                  | 0.830 Level 1         |                    |         |
| 14,300.00                  | 6,883.11            | 14,404.06           | 7,065.65            | 211.75          | 211.04      | -131.26               | 720.16                            | -6,494.56  | 276.82               | -61.48                | 338.30                  | 0.818 Level 1         |                    |         |
| 14,400.00                  | 6,882.20            | 14,504.06           | 7,064.78            | 214.55          | 213.85      | -131.36               | 716.19                            | -6,594.48  | 276.36               | -65.96                | 342.31                  | 0.807 Level 1         |                    |         |
| 14,500.00                  | 6,881.29            | 14,604.06           | 7,063.90            | 217.35          | 216.65      | -131.45               | 712.22                            | -6,694.39  | 275.90               | -70.43                | 346.32                  | 0.797 Level 1         |                    |         |
| 14,600.00                  | 6,880.37            | 14,704.05           | 7,063.02            | 220.15          | 219.46      | -131.54               | 708.24                            | -6,794.31  | 275.44               | -74.88                | 350.32                  | 0.786 Level 1         |                    |         |
| 14,700.00                  | 6,879.46            | 14,804.05           | 7,062.15            | 222.95          | 222.26      | -131.64               | 704.27                            | -6,894.22  | 274.98               | -79.33                | 354.31                  | 0.776 Level 1         |                    |         |
| 14,800.00                  | 6,878.55            | 14,904.05           | 7,061.27            | 225.76          | 225.07      | -131.73               | 700.30                            | -6,994.14  | 274.52               | -83.76                | 358.28                  | 0.766 Level 1         |                    |         |
| 14,900.00                  | 6,877.64            | 15,004.05           | 7,060.39            | 228.56          | 227.87      | -131.83               | 696.32                            | -7,094.05  | 274.06               | -88.18                | 362.24                  | 0.757 Level 1         |                    |         |
| 15,000.00                  | 6,876.73            | 15,104.04           | 7,059.51            | 231.37          | 230.68      | -131.92               | 692.35                            | -7,193.97  | 273.60               | -92.59                | 366.20                  | 0.747 Level 1         |                    |         |
| 15,100.00                  | 6,875.82            | 15,204.04           | 7,058.64            | 234.18          | 233.49      | -132.02               | 688.38                            | -7,293.88  | 273.15               | -96.99                | 370.14                  | 0.738 Level 1         |                    |         |
| 15,200.00                  | 6,874.90            | 15,304.04           | 7,057.76            | 236.98          | 236.30      | -132.12               | 684.40                            | -7,393.80  | 272.69               | -101.38               | 374.07                  | 0.729 Level 1         |                    |         |
| 15,300.00                  | 6,873.99            | 15,404.04           | 7,056.88            | 239.79          | 239.11      | -132.21               | 680.43                            | -7,493.71  | 272.24               | -105.75               | 377.99                  | 0.720 Level 1         |                    |         |
| 15,400.00                  | 6,873.08            | 15,504.04           | 7,056.00            | 242.60          | 241.92      | -132.31               | 676.46                            | -7,593.63  | 271.78               | -110.11               | 381.89                  | 0.712 Level 1         |                    |         |
| 15,500.00                  | 6,872.17            | 15,604.03           | 7,055.13            | 245.41          | 244.73      | -132.41               | 672.49                            | -7,693.54  | 271.33               | -114.46               | 385.79                  | 0.703 Level 1         |                    |         |
| 15,600.00                  | 6,871.26            | 15,704.03           | 7,054.25            | 248.22          | 247.55      | -132.50               | 668.51                            | -7,793.46  | 270.88               | -118.79               | 389.67                  | 0.695 Level 1         |                    |         |
| 15,700.00                  | 6,870.35            | 15,804.03           | 7,053.37            | 251.03          | 250.36      | -132.60               | 664.54                            | -7,893.37  | 270.43               | -123.12               | 393.54                  | 0.687 Level 1         |                    |         |
| 15,737.91                  | 6,870.00            | 15,841.93           | 7,053.04            | 252.10          | 251.42      | -132.64               | 663.03                            | -7,931.25  | 270.25               | -124.75               | 395.01                  | 0.684 Level 1         |                    |         |
| 15,738.53                  | 6,869.99            | 15,842.56           | 7,053.03            | 252.11          | 251.44      | -132.64               | 663.01                            | -7,931.87  | 270.25               | -124.78               | 395.03                  | 0.684 Level 1, ES, SF |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.68               | -29.87                            | -2.78      | 30.00                |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.68               | -29.87                            | -2.78      | 30.00                | 23.43                 | 6.57                    | 4.567             |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.68               | -29.87                            | -2.78      | 30.00                | 23.33                 | 6.67                    | 4.495             |                    |         |
| 300.00                     | 300.00              | 300.00              | 300.00              | 3.44            | 3.44        | -174.68               | -29.87                            | -2.78      | 30.00                | 23.11                 | 6.89                    | 4.355 CC          |                    |         |
| 400.00                     | 399.98              | 400.79              | 400.76              | 3.60            | 3.60        | 154.35                | -28.66                            | -1.49      | 30.28                | 23.06                 | 7.21                    | 4.198             |                    |         |
| 500.00                     | 499.84              | 501.55              | 501.39              | 3.81            | 3.81        | 151.93                | -25.04                            | 2.40       | 31.13                | 23.50                 | 7.63                    | 4.081             |                    |         |
| 550.00                     | 549.68              | 551.93              | 551.60              | 3.93            | 3.93        | 150.21                | -22.32                            | 5.31       | 31.81                | 23.94                 | 7.87                    | 4.042             |                    |         |
| 600.00                     | 599.45              | 602.29              | 601.73              | 4.06            | 4.06        | 146.06                | -19.01                            | 8.87       | 32.61                | 24.48                 | 8.13                    | 4.013             |                    |         |
| 700.00                     | 698.71              | 703.01              | 701.68              | 4.33            | 4.34        | 139.55                | -10.57                            | 17.91      | 34.39                | 25.70                 | 8.69                    | 3.958             |                    |         |
| 800.00                     | 797.49              | 803.70              | 801.11              | 4.64            | 4.65        | 134.35                | 0.25                              | 29.52      | 36.42                | 27.11                 | 9.31                    | 3.912             |                    |         |
| 900.00                     | 895.68              | 904.37              | 899.90              | 4.97            | 4.99        | 129.94                | 13.44                             | 43.67      | 38.69                | 28.71                 | 9.99                    | 3.875             |                    |         |
| 1,000.00                   | 993.14              | 1,004.29            | 997.62              | 5.33            | 5.35        | 128.28                | 27.66                             | 58.91      | 42.12                | 31.41                 | 10.71                   | 3.934             |                    |         |
| 1,039.84                   | 1,031.75            | 1,044.08            | 1,036.53            | 5.48            | 5.50        | 128.77                | 33.32                             | 64.98      | 44.03                | 33.02                 | 11.01                   | 3.998             |                    |         |
| 1,100.00                   | 1,089.94            | 1,104.14            | 1,095.28            | 5.72            | 5.73        | 130.25                | 41.86                             | 74.14      | 47.16                | 35.68                 | 11.48                   | 4.108             |                    |         |
| 1,200.00                   | 1,186.67            | 1,203.99            | 1,192.92            | 6.13            | 6.13        | 132.31                | 56.07                             | 89.38      | 52.42                | 40.14                 | 12.28                   | 4.269             |                    |         |
| 1,300.00                   | 1,283.39            | 1,303.83            | 1,290.57            | 6.55            | 6.54        | 134.00                | 70.27                             | 104.61     | 57.74                | 44.63                 | 13.10                   | 4.406             |                    |         |
| 1,400.00                   | 1,380.12            | 1,403.68            | 1,388.22            | 6.99            | 6.97        | 135.40                | 84.48                             | 119.84     | 63.10                | 49.15                 | 13.95                   | 4.523             |                    |         |
| 1,500.00                   | 1,476.85            | 1,503.52            | 1,485.87            | 7.45            | 7.40        | 136.58                | 98.68                             | 135.07     | 68.49                | 53.67                 | 14.82                   | 4.623             |                    |         |
| 1,600.00                   | 1,573.57            | 1,603.37            | 1,583.52            | 7.90            | 7.84        | 137.59                | 112.88                            | 150.30     | 73.90                | 58.21                 | 15.69                   | 4.709             |                    |         |
| 1,700.00                   | 1,670.30            | 1,703.22            | 1,681.17            | 8.37            | 8.29        | 138.46                | 127.09                            | 165.54     | 79.34                | 62.76                 | 16.58                   | 4.784             |                    |         |
| 1,800.00                   | 1,767.03            | 1,803.06            | 1,778.82            | 8.85            | 8.74        | 139.22                | 141.29                            | 180.77     | 84.79                | 67.31                 | 17.48                   | 4.850             |                    |         |
| 1,900.00                   | 1,863.75            | 1,902.91            | 1,876.47            | 9.32            | 9.20        | 139.89                | 155.50                            | 196.00     | 90.26                | 71.86                 | 18.39                   | 4.907             |                    |         |
| 2,000.00                   | 1,960.48            | 2,002.75            | 1,974.12            | 9.81            | 9.66        | 140.48                | 169.70                            | 211.23     | 95.73                | 76.42                 | 19.31                   | 4.958             |                    |         |
| 2,100.00                   | 2,057.21            | 2,102.60            | 2,071.77            | 10.29           | 10.12       | 141.00                | 183.90                            | 226.46     | 101.22               | 80.99                 | 20.23                   | 5.003             |                    |         |
| 2,200.00                   | 2,153.93            | 2,202.44            | 2,169.41            | 10.78           | 10.59       | 141.48                | 198.11                            | 241.70     | 106.71               | 85.55                 | 21.16                   | 5.043             |                    |         |
| 2,300.00                   | 2,250.66            | 2,302.29            | 2,267.06            | 11.28           | 11.06       | 141.90                | 212.31                            | 256.93     | 112.21               | 90.11                 | 22.09                   | 5.079             |                    |         |
| 2,400.00                   | 2,347.39            | 2,402.13            | 2,364.71            | 11.77           | 11.53       | 142.29                | 226.52                            | 272.16     | 117.71               | 94.68                 | 23.03                   | 5.111             |                    |         |
| 2,500.00                   | 2,444.11            | 2,501.98            | 2,462.36            | 12.27           | 12.00       | 142.64                | 240.72                            | 287.39     | 123.22               | 99.25                 | 23.97                   | 5.140             |                    |         |
| 2,600.00                   | 2,540.84            | 2,601.82            | 2,560.01            | 12.77           | 12.48       | 142.96                | 254.93                            | 302.62     | 128.74               | 103.82                | 24.92                   | 5.166             |                    |         |
| 2,700.00                   | 2,637.57            | 2,701.67            | 2,657.66            | 13.27           | 12.95       | 143.26                | 269.13                            | 317.86     | 134.25               | 108.38                | 25.87                   | 5.190             |                    |         |
| 2,800.00                   | 2,734.30            | 2,801.51            | 2,755.31            | 13.78           | 13.43       | 143.53                | 283.33                            | 333.09     | 139.77               | 112.95                | 26.82                   | 5.212             |                    |         |
| 2,900.00                   | 2,831.02            | 2,901.36            | 2,852.96            | 14.28           | 13.91       | 143.78                | 297.54                            | 348.32     | 145.30               | 117.52                | 27.77                   | 5.231             |                    |         |
| 3,000.00                   | 2,927.75            | 3,001.21            | 2,950.61            | 14.79           | 14.39       | 144.01                | 311.74                            | 363.55     | 150.82               | 122.09                | 28.73                   | 5.250             |                    |         |
| 3,100.00                   | 3,024.48            | 3,101.05            | 3,048.26            | 15.29           | 14.87       | 144.23                | 325.95                            | 378.78     | 156.35               | 126.66                | 29.69                   | 5.267             |                    |         |
| 3,200.00                   | 3,121.20            | 3,200.90            | 3,145.90            | 15.80           | 15.35       | 144.43                | 340.15                            | 394.02     | 161.88               | 131.24                | 30.65                   | 5.282             |                    |         |
| 3,300.00                   | 3,217.93            | 3,300.74            | 3,243.55            | 16.31           | 15.84       | 144.62                | 354.35                            | 409.25     | 167.42               | 135.81                | 31.61                   | 5.297             |                    |         |
| 3,400.00                   | 3,314.66            | 3,400.59            | 3,341.20            | 16.82           | 16.32       | 144.80                | 368.56                            | 424.48     | 172.95               | 140.38                | 32.57                   | 5.310             |                    |         |
| 3,500.00                   | 3,411.38            | 3,500.43            | 3,438.85            | 17.33           | 16.81       | 144.96                | 382.76                            | 439.71     | 178.48               | 144.95                | 33.54                   | 5.322             |                    |         |
| 3,600.00                   | 3,508.11            | 3,600.28            | 3,536.50            | 17.84           | 17.29       | 145.12                | 396.97                            | 454.94     | 184.02               | 149.52                | 34.50                   | 5.334             |                    |         |
| 3,700.00                   | 3,604.84            | 3,700.12            | 3,634.15            | 18.36           | 17.78       | 145.26                | 411.17                            | 470.18     | 189.56               | 154.09                | 35.47                   | 5.345             |                    |         |
| 3,800.00                   | 3,701.56            | 3,800.03            | 3,731.80            | 18.87           | 18.26       | 145.40                | 425.37                            | 485.41     | 195.10               | 158.66                | 36.44                   | 5.355             |                    |         |
| 3,900.00                   | 3,798.29            | 3,900.19            | 3,829.45            | 19.38           | 18.75       | 145.53                | 439.58                            | 500.64     | 200.64               | 163.23                | 37.41                   | 5.364             |                    |         |
| 4,000.00                   | 3,895.02            | 4,000.34            | 3,927.10            | 19.89           | 19.24       | 145.66                | 453.78                            | 515.87     | 206.18               | 167.80                | 38.38                   | 5.372             |                    |         |
| 4,100.00                   | 3,991.74            | 4,100.50            | 4,024.75            | 20.41           | 19.73       | 145.77                | 467.99                            | 531.11     | 211.72               | 172.37                | 39.35                   | 5.381             |                    |         |
| 4,200.00                   | 4,088.47            | 4,199.35            | 4,122.40            | 20.92           | 20.21       | 145.88                | 482.19                            | 546.34     | 217.27               | 176.95                | 40.32                   | 5.389             |                    |         |
| 4,300.00                   | 4,185.20            | 4,300.80            | 4,220.04            | 21.44           | 20.71       | 145.99                | 496.40                            | 561.57     | 222.81               | 181.51                | 41.30                   | 5.395             |                    |         |
| 4,400.00                   | 4,281.92            | 4,400.96            | 4,317.69            | 21.95           | 21.20       | 146.09                | 510.60                            | 576.80     | 228.36               | 186.09                | 42.27                   | 5.402             |                    |         |
| 4,500.00                   | 4,378.65            | 4,501.11            | 4,415.34            | 22.47           | 21.69       | 146.19                | 524.80                            | 592.03     | 233.90               | 190.66                | 43.24                   | 5.409             |                    |         |
| 4,600.00                   | 4,475.38            | 4,601.27            | 4,512.99            | 22.99           | 22.18       | 146.28                | 539.01                            | 607.27     | 239.45               | 195.23                | 44.22                   | 5.415             |                    |         |
| 4,700.00                   | 4,572.10            | 4,701.42            | 4,610.64            | 23.50           | 22.67       | 146.36                | 553.21                            | 622.50     | 244.99               | 199.80                | 45.20                   | 5.421             |                    |         |
| 4,800.00                   | 4,668.83            | 4,798.42            | 4,708.29            | 24.02           | 23.15       | 146.45                | 567.42                            | 637.73     | 250.54               | 204.38                | 46.16                   | 5.428             |                    |         |
| 4,900.00                   | 4,765.56            | 4,901.73            | 4,805.94            | 24.53           | 23.66       | 146.53                | 581.62                            | 652.96     | 256.09               | 208.94                | 47.15                   | 5.431             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                   | 4,862.28            | 5,001.89            | 4,903.59            | 25.05           | 24.15       | 146.60                | 595.82                            | 668.19     | 261.64               | 213.51                | 48.13                   | 5.436             |                    |         |
| 5,100.00                   | 4,959.01            | 5,102.04            | 5,001.24            | 25.57           | 24.64       | 146.68                | 610.03                            | 683.43     | 267.18               | 218.08                | 49.10                   | 5.441             |                    |         |
| 5,200.00                   | 5,055.74            | 5,202.20            | 5,098.89            | 26.09           | 25.13       | 146.75                | 624.23                            | 698.66     | 272.73               | 222.65                | 50.08                   | 5.446             |                    |         |
| 5,300.00                   | 5,152.46            | 5,297.65            | 5,196.53            | 26.60           | 25.60       | 146.81                | 638.44                            | 713.89     | 278.28               | 227.24                | 51.04                   | 5.452             |                    |         |
| 5,400.00                   | 5,249.19            | 5,402.51            | 5,294.18            | 27.12           | 26.12       | 146.88                | 652.64                            | 729.12     | 283.83               | 231.79                | 52.04                   | 5.454             |                    |         |
| 5,500.00                   | 5,345.92            | 5,502.66            | 5,391.83            | 27.64           | 26.61       | 146.94                | 666.84                            | 744.35     | 289.38               | 236.36                | 53.02                   | 5.458             |                    |         |
| 5,600.00                   | 5,442.65            | 5,602.81            | 5,489.48            | 28.16           | 27.11       | 147.00                | 681.05                            | 759.59     | 294.93               | 240.93                | 54.00                   | 5.462             |                    |         |
| 5,700.00                   | 5,539.37            | 5,702.97            | 5,587.13            | 28.68           | 27.60       | 147.06                | 695.25                            | 774.82     | 300.48               | 245.50                | 54.98                   | 5.465             |                    |         |
| 5,800.00                   | 5,636.10            | 5,803.12            | 5,684.78            | 29.20           | 28.09       | 147.11                | 709.46                            | 790.05     | 306.03               | 250.07                | 55.96                   | 5.469             |                    |         |
| 5,900.00                   | 5,732.83            | 5,896.72            | 5,782.43            | 29.71           | 28.55       | 147.17                | 723.66                            | 805.28     | 311.59               | 254.68                | 56.91                   | 5.475             |                    |         |
| 6,000.00                   | 5,829.55            | 6,003.43            | 5,880.08            | 30.23           | 29.08       | 147.22                | 737.86                            | 820.51     | 317.14               | 259.21                | 57.92                   | 5.475             |                    |         |
| 6,100.00                   | 5,926.28            | 6,103.59            | 5,977.73            | 30.75           | 29.57       | 147.27                | 752.07                            | 835.75     | 322.69               | 263.79                | 58.90                   | 5.478             |                    |         |
| 6,200.00                   | 6,023.01            | 6,196.26            | 6,075.38            | 31.27           | 30.03       | 147.32                | 766.27                            | 850.98     | 328.24               | 268.39                | 59.85                   | 5.485             |                    |         |
| 6,300.00                   | 6,119.73            | 6,296.10            | 6,173.02            | 31.79           | 30.52       | 147.36                | 780.48                            | 866.21     | 333.79               | 272.96                | 60.83                   | 5.487             |                    |         |
| 6,397.75                   | 6,214.28            | 6,393.70            | 6,268.47            | 32.30           | 31.01       | 147.41                | 794.36                            | 881.10     | 339.22               | 277.43                | 61.79                   | 5.490             |                    |         |
| 6,400.00                   | 6,216.46            | 6,395.95            | 6,270.67            | 32.31           | 31.02       | 148.01                | 794.68                            | 881.44     | 339.34               | 277.54                | 61.81                   | 5.490             |                    |         |
| 6,450.00                   | 6,265.12            | 6,443.10            | 6,316.91            | 32.56           | 31.24       | 164.16                | 801.37                            | 887.77     | 341.96               | 279.68                | 62.28                   | 5.491             |                    |         |
| 6,500.00                   | 6,314.12            | 6,489.24            | 6,362.49            | 32.78           | 31.45       | -174.39               | 807.80                            | 890.74     | 344.53               | 281.82                | 62.71                   | 5.494             |                    |         |
| 6,550.00                   | 6,363.16            | 6,535.45            | 6,408.26            | 32.99           | 31.64       | -152.19               | 814.11                            | 890.38     | 347.08               | 283.96                | 63.11                   | 5.499             |                    |         |
| 6,600.00                   | 6,411.94            | 6,581.76            | 6,454.00            | 33.18           | 31.82       | -134.73               | 820.26                            | 886.66     | 349.58               | 286.08                | 63.51                   | 5.505             |                    |         |
| 6,650.00                   | 6,460.15            | 6,628.19            | 6,499.48            | 33.35           | 31.99       | -122.89               | 826.22                            | 879.57     | 352.04               | 288.15                | 63.89                   | 5.510             |                    |         |
| 6,700.00                   | 6,507.49            | 6,674.75            | 6,544.48            | 33.52           | 32.16       | -115.07               | 831.96                            | 869.13     | 354.43               | 290.15                | 64.28                   | 5.514             |                    |         |
| 6,750.00                   | 6,553.69            | 6,721.47            | 6,588.77            | 33.69           | 32.33       | -109.79               | 837.44                            | 855.36     | 356.76               | 292.08                | 64.68                   | 5.516             |                    |         |
| 6,800.00                   | 6,598.44            | 6,768.36            | 6,632.12            | 33.85           | 32.50       | -106.14               | 842.64                            | 838.28     | 359.00               | 293.91                | 65.10                   | 5.515             |                    |         |
| 6,850.00                   | 6,641.47            | 6,815.44            | 6,674.30            | 34.02           | 32.67       | -103.55               | 847.52                            | 817.96     | 361.16               | 295.63                | 65.53                   | 5.511             |                    |         |
| 6,900.00                   | 6,682.53            | 6,862.73            | 6,715.06            | 34.19           | 32.85       | -101.70               | 852.07                            | 794.44     | 363.22               | 297.22                | 66.00                   | 5.504             |                    |         |
| 6,950.00                   | 6,721.35            | 6,910.25            | 6,754.19            | 34.38           | 33.05       | -100.38               | 856.24                            | 767.81     | 365.18               | 298.68                | 66.50                   | 5.492             |                    |         |
| 7,000.00                   | 6,757.70            | 6,958.02            | 6,791.44            | 34.57           | 33.25       | -99.44                | 860.01                            | 738.17     | 367.02               | 299.99                | 67.04                   | 5.475             |                    |         |
| 7,050.00                   | 6,791.35            | 7,006.05            | 6,826.59            | 34.79           | 33.47       | -98.81                | 863.36                            | 705.63     | 368.75               | 301.12                | 67.63                   | 5.452             |                    |         |
| 7,100.00                   | 6,822.10            | 7,054.36            | 6,859.41            | 35.03           | 33.72       | -98.42                | 866.26                            | 670.31     | 370.36               | 302.08                | 68.28                   | 5.424             |                    |         |
| 7,150.00                   | 6,849.75            | 7,102.96            | 6,889.66            | 35.30           | 33.99       | -98.22                | 868.68                            | 632.36     | 371.83               | 302.85                | 68.98                   | 5.390             |                    |         |
| 7,200.00                   | 6,874.14            | 7,151.87            | 6,917.13            | 35.61           | 34.29       | -98.18                | 870.60                            | 591.96     | 373.16               | 303.41                | 69.75                   | 5.350             |                    |         |
| 7,250.00                   | 6,895.11            | 7,201.10            | 6,941.61            | 35.95           | 34.63       | -98.27                | 872.00                            | 549.28     | 374.35               | 303.76                | 70.59                   | 5.303             |                    |         |
| 7,300.00                   | 6,912.54            | 7,250.65            | 6,962.89            | 36.34           | 35.01       | -98.49                | 872.86                            | 504.55     | 375.40               | 303.89                | 71.50                   | 5.250             |                    |         |
| 7,350.00                   | 6,926.31            | 7,300.54            | 6,980.77            | 36.77           | 35.43       | -98.80                | 873.17                            | 457.99     | 376.28               | 303.81                | 72.48                   | 5.192             |                    |         |
| 7,400.00                   | 6,936.35            | 7,350.78            | 6,995.08            | 37.25           | 35.90       | -99.21                | 872.92                            | 409.85     | 377.01               | 303.49                | 73.51                   | 5.129             |                    |         |
| 7,450.00                   | 6,942.59            | 7,401.36            | 7,005.64            | 37.76           | 36.41       | -99.70                | 872.08                            | 360.41     | 377.56               | 302.96                | 74.60                   | 5.061             |                    |         |
| 7,500.00                   | 6,944.99            | 7,452.29            | 7,012.32            | 38.31           | 36.96       | -100.27               | 870.66                            | 309.95     | 377.95               | 302.21                | 75.74                   | 4.990             |                    |         |
| 7,512.10                   | 6,945.00            | 7,464.67            | 7,013.34            | 38.44           | 37.10       | -100.41               | 870.23                            | 297.62     | 378.02               | 302.00                | 76.02                   | 4.973             |                    |         |
| 7,600.00                   | 6,944.19            | 7,554.03            | 7,014.65            | 39.51           | 38.16       | -100.74               | 866.27                            | 208.39     | 378.24               | 300.03                | 78.21                   | 4.836             |                    |         |
| 7,700.00                   | 6,943.28            | 7,654.03            | 7,013.68            | 40.90           | 39.50       | -100.72               | 861.50                            | 108.51     | 378.38               | 297.40                | 80.98                   | 4.672             |                    |         |
| 7,800.00                   | 6,942.37            | 7,754.03            | 7,012.72            | 42.44           | 40.99       | -100.71               | 856.73                            | 8.63       | 378.52               | 294.49                | 84.03                   | 4.505             |                    |         |
| 7,900.00                   | 6,941.46            | 7,854.03            | 7,011.76            | 44.11           | 42.62       | -100.70               | 851.96                            | -91.25     | 378.66               | 291.33                | 87.33                   | 4.336             |                    |         |
| 8,000.00                   | 6,940.55            | 7,954.03            | 7,010.79            | 45.90           | 44.38       | -100.69               | 847.19                            | -191.13    | 378.80               | 287.95                | 90.85                   | 4.169             |                    |         |
| 8,100.00                   | 6,939.64            | 8,054.03            | 7,009.83            | 47.80           | 46.24       | -100.67               | 842.42                            | -291.01    | 378.94               | 284.37                | 94.58                   | 4.007             |                    |         |
| 8,200.00                   | 6,938.72            | 8,154.03            | 7,008.86            | 49.79           | 48.20       | -100.66               | 837.65                            | -390.90    | 379.08               | 280.60                | 98.48                   | 3.849             |                    |         |
| 8,300.00                   | 6,937.81            | 8,254.03            | 7,007.90            | 51.86           | 50.25       | -100.65               | 832.88                            | -490.78    | 379.23               | 276.69                | 102.54                  | 3.698             |                    |         |
| 8,400.00                   | 6,936.90            | 8,354.03            | 7,006.93            | 54.01           | 52.37       | -100.64               | 828.11                            | -590.66    | 379.37               | 272.63                | 106.74                  | 3.554             |                    |         |
| 8,500.00                   | 6,935.99            | 8,454.03            | 7,005.97            | 56.21           | 54.55       | -100.63               | 823.34                            | -690.54    | 379.51               | 268.45                | 111.06                  | 3.417             |                    |         |
| 8,600.00                   | 6,935.08            | 8,554.03            | 7,005.00            | 58.47           | 56.80       | -100.61               | 818.57                            | -790.42    | 379.65               | 264.15                | 115.49                  | 3.287             |                    |         |
| 8,700.00                   | 6,934.17            | 8,654.03            | 7,004.04            | 60.78           | 59.09       | -100.60               | 813.80                            | -890.30    | 379.79               | 259.77                | 120.02                  | 3.164             |                    |         |
| 8,800.00                   | 6,933.25            | 8,754.03            | 7,003.07            | 63.13           | 61.43       | -100.59               | 809.03                            | -990.18    | 379.93               | 255.29                | 124.64                  | 3.048             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                   | 6,932.34            | 8,854.03            | 7,002.11            | 65.52           | 63.81       | -100.58               | 804.26                            | -1,090.07  | 380.07               | 250.74                | 129.33                  | 2.939             |                    |         |
| 9,000.00                   | 6,931.43            | 8,954.03            | 7,001.14            | 67.95           | 66.23       | -100.56               | 799.49                            | -1,189.95  | 380.21               | 246.12                | 134.09                  | 2.835             |                    |         |
| 9,100.00                   | 6,930.52            | 9,054.03            | 7,000.18            | 70.40           | 68.68       | -100.55               | 794.72                            | -1,289.83  | 380.35               | 241.43                | 138.92                  | 2.738             |                    |         |
| 9,200.00                   | 6,929.61            | 9,154.03            | 6,999.21            | 72.89           | 71.16       | -100.54               | 789.95                            | -1,389.71  | 380.49               | 236.69                | 143.80                  | 2.646             |                    |         |
| 9,300.00                   | 6,928.69            | 9,254.03            | 6,998.25            | 75.40           | 73.66       | -100.53               | 785.18                            | -1,489.59  | 380.63               | 231.90                | 148.73                  | 2.559             |                    |         |
| 9,400.00                   | 6,927.78            | 9,354.03            | 6,997.28            | 77.93           | 76.19       | -100.52               | 780.41                            | -1,589.47  | 380.77               | 227.06                | 153.71                  | 2.477             |                    |         |
| 9,500.00                   | 6,926.87            | 9,454.03            | 6,996.32            | 80.48           | 78.74       | -100.50               | 775.64                            | -1,689.35  | 380.91               | 222.18                | 158.73                  | 2.400             |                    |         |
| 9,600.00                   | 6,925.96            | 9,554.03            | 6,995.35            | 83.05           | 81.31       | -100.49               | 770.87                            | -1,789.24  | 381.05               | 217.26                | 163.79                  | 2.326             |                    |         |
| 9,700.00                   | 6,925.05            | 9,654.03            | 6,994.39            | 85.64           | 83.90       | -100.48               | 766.10                            | -1,889.12  | 381.19               | 212.31                | 168.88                  | 2.257             |                    |         |
| 9,800.00                   | 6,924.14            | 9,754.03            | 6,993.42            | 88.25           | 86.50       | -100.47               | 761.33                            | -1,989.00  | 381.33               | 207.33                | 174.01                  | 2.191             |                    |         |
| 9,900.00                   | 6,923.22            | 9,854.03            | 6,992.46            | 90.86           | 89.11       | -100.46               | 756.56                            | -2,088.88  | 381.48               | 202.32                | 179.16                  | 2.129             |                    |         |
| 10,000.00                  | 6,922.31            | 9,954.03            | 6,991.50            | 93.50           | 91.74       | -100.44               | 751.79                            | -2,188.76  | 381.62               | 197.28                | 184.34                  | 2.070             |                    |         |
| 10,100.00                  | 6,921.40            | 10,054.03           | 6,990.53            | 96.14           | 94.38       | -100.43               | 747.02                            | -2,288.64  | 381.76               | 192.22                | 189.54                  | 2.014             |                    |         |
| 10,200.00                  | 6,920.49            | 10,154.03           | 6,989.57            | 98.79           | 97.04       | -100.42               | 742.25                            | -2,388.52  | 381.90               | 187.13                | 194.77                  | 1.961             |                    |         |
| 10,300.00                  | 6,919.58            | 10,254.03           | 6,988.60            | 101.45          | 99.70       | -100.41               | 737.49                            | -2,488.41  | 382.04               | 182.03                | 200.01                  | 1.910             |                    |         |
| 10,400.00                  | 6,918.67            | 10,354.03           | 6,987.64            | 104.13          | 102.37      | -100.40               | 732.72                            | -2,588.29  | 382.18               | 176.90                | 205.28                  | 1.862             |                    |         |
| 10,500.00                  | 6,917.75            | 10,454.03           | 6,986.67            | 106.81          | 105.05      | -100.38               | 727.95                            | -2,688.17  | 382.32               | 171.76                | 210.56                  | 1.816             |                    |         |
| 10,600.00                  | 6,916.84            | 10,554.02           | 6,985.71            | 109.50          | 107.74      | -100.37               | 723.18                            | -2,788.05  | 382.46               | 166.60                | 215.86                  | 1.772             |                    |         |
| 10,700.00                  | 6,915.93            | 10,654.02           | 6,984.74            | 112.19          | 110.43      | -100.36               | 718.41                            | -2,887.93  | 382.60               | 161.43                | 221.17                  | 1.730             |                    |         |
| 10,800.00                  | 6,915.02            | 10,754.02           | 6,983.78            | 114.90          | 113.14      | -100.35               | 713.64                            | -2,987.81  | 382.74               | 156.24                | 226.50                  | 1.690             |                    |         |
| 10,900.00                  | 6,914.11            | 10,854.02           | 6,982.81            | 117.61          | 115.85      | -100.34               | 708.87                            | -3,087.69  | 382.88               | 151.04                | 231.84                  | 1.651             |                    |         |
| 11,000.00                  | 6,913.20            | 10,954.02           | 6,981.85            | 120.32          | 118.56      | -100.32               | 704.10                            | -3,187.57  | 383.02               | 145.83                | 237.20                  | 1.615             |                    |         |
| 11,100.00                  | 6,912.28            | 11,054.02           | 6,980.88            | 123.04          | 121.28      | -100.31               | 699.33                            | -3,287.46  | 383.17               | 140.60                | 242.56                  | 1.580             |                    |         |
| 11,200.00                  | 6,911.37            | 11,154.02           | 6,979.92            | 125.77          | 124.01      | -100.30               | 694.56                            | -3,387.34  | 383.31               | 135.37                | 247.94                  | 1.546             |                    |         |
| 11,300.00                  | 6,910.46            | 11,254.02           | 6,978.95            | 128.50          | 126.74      | -100.29               | 689.79                            | -3,487.22  | 383.45               | 130.12                | 253.33                  | 1.514             |                    |         |
| 11,400.00                  | 6,909.55            | 11,354.02           | 6,977.99            | 131.24          | 129.48      | -100.28               | 685.02                            | -3,587.10  | 383.59               | 124.86                | 258.72                  | 1.483 Level 3     |                    |         |
| 11,500.00                  | 6,908.64            | 11,454.02           | 6,977.02            | 133.98          | 132.22      | -100.27               | 680.25                            | -3,686.98  | 383.73               | 119.60                | 264.13                  | 1.453 Level 3     |                    |         |
| 11,600.00                  | 6,907.73            | 11,554.02           | 6,976.06            | 136.72          | 134.96      | -100.25               | 675.48                            | -3,786.86  | 383.87               | 114.33                | 269.54                  | 1.424 Level 3     |                    |         |
| 11,700.00                  | 6,906.81            | 11,654.02           | 6,975.09            | 139.47          | 137.71      | -100.24               | 670.71                            | -3,886.74  | 384.01               | 109.05                | 274.96                  | 1.397 Level 3     |                    |         |
| 11,800.00                  | 6,905.90            | 11,754.02           | 6,974.13            | 142.22          | 140.46      | -100.23               | 665.94                            | -3,986.63  | 384.15               | 103.76                | 280.39                  | 1.370 Level 3     |                    |         |
| 11,900.00                  | 6,904.99            | 11,854.02           | 6,973.16            | 144.97          | 143.21      | -100.22               | 661.17                            | -4,086.51  | 384.29               | 98.46                 | 285.83                  | 1.344 Level 3     |                    |         |
| 12,000.00                  | 6,904.08            | 11,954.02           | 6,972.20            | 147.73          | 145.97      | -100.21               | 656.40                            | -4,186.39  | 384.44               | 93.16                 | 291.27                  | 1.320 Level 3     |                    |         |
| 12,100.00                  | 6,903.17            | 12,054.02           | 6,971.23            | 150.49          | 148.73      | -100.19               | 651.63                            | -4,286.27  | 384.58               | 87.85                 | 296.72                  | 1.296 Level 3     |                    |         |
| 12,200.00                  | 6,902.26            | 12,154.02           | 6,970.27            | 153.26          | 151.50      | -100.18               | 646.86                            | -4,386.15  | 384.72               | 82.54                 | 302.18                  | 1.273 Level 3     |                    |         |
| 12,300.00                  | 6,901.34            | 12,254.02           | 6,969.31            | 156.02          | 154.26      | -100.17               | 642.09                            | -4,486.03  | 384.86               | 77.22                 | 307.64                  | 1.251 Level 3     |                    |         |
| 12,400.00                  | 6,900.43            | 12,354.02           | 6,968.34            | 158.79          | 157.03      | -100.16               | 637.32                            | -4,585.91  | 385.00               | 71.89                 | 313.11                  | 1.230 Level 2     |                    |         |
| 12,500.00                  | 6,899.52            | 12,454.02           | 6,967.38            | 161.56          | 159.80      | -100.15               | 632.55                            | -4,685.80  | 385.14               | 66.56                 | 318.58                  | 1.209 Level 2     |                    |         |
| 12,600.00                  | 6,898.61            | 12,554.02           | 6,966.41            | 164.34          | 162.58      | -100.14               | 627.78                            | -4,785.68  | 385.28               | 61.22                 | 324.06                  | 1.189 Level 2     |                    |         |
| 12,700.00                  | 6,897.70            | 12,654.02           | 6,965.45            | 167.11          | 165.35      | -100.12               | 623.01                            | -4,885.56  | 385.42               | 55.88                 | 329.54                  | 1.170 Level 2     |                    |         |
| 12,800.00                  | 6,896.79            | 12,754.02           | 6,964.48            | 169.89          | 168.13      | -100.11               | 618.24                            | -4,985.44  | 385.56               | 50.54                 | 335.03                  | 1.151 Level 2     |                    |         |
| 12,900.00                  | 6,895.87            | 12,854.02           | 6,963.52            | 172.67          | 170.91      | -100.10               | 613.47                            | -5,085.32  | 385.71               | 45.19                 | 340.52                  | 1.133 Level 2     |                    |         |
| 13,000.00                  | 6,894.96            | 12,954.02           | 6,962.55            | 175.45          | 173.69      | -100.09               | 608.70                            | -5,185.20  | 385.85               | 39.84                 | 346.01                  | 1.115 Level 2     |                    |         |
| 13,100.00                  | 6,894.05            | 13,054.02           | 6,961.59            | 178.23          | 176.48      | -100.08               | 603.93                            | -5,285.08  | 385.99               | 34.48                 | 351.51                  | 1.098 Level 2     |                    |         |
| 13,200.00                  | 6,893.14            | 13,154.02           | 6,960.62            | 181.02          | 179.26      | -100.06               | 599.16                            | -5,384.97  | 386.13               | 29.12                 | 357.01                  | 1.082 Level 2     |                    |         |
| 13,300.00                  | 6,892.23            | 13,254.02           | 6,959.66            | 183.80          | 182.05      | -100.05               | 594.39                            | -5,484.85  | 386.27               | 23.75                 | 362.52                  | 1.066 Level 2     |                    |         |
| 13,400.00                  | 6,891.31            | 13,354.02           | 6,958.69            | 186.59          | 184.84      | -100.04               | 589.62                            | -5,584.73  | 386.41               | 18.38                 | 368.03                  | 1.050 Level 2     |                    |         |
| 13,500.00                  | 6,890.40            | 13,454.02           | 6,957.73            | 189.38          | 187.63      | -100.03               | 584.85                            | -5,684.61  | 386.55               | 13.01                 | 373.54                  | 1.035 Level 2     |                    |         |
| 13,600.00                  | 6,889.49            | 13,554.02           | 6,956.76            | 192.17          | 190.42      | -100.02               | 580.08                            | -5,784.49  | 386.69               | 7.64                  | 379.06                  | 1.020 Level 2     |                    |         |
| 13,700.00                  | 6,888.58            | 13,654.02           | 6,955.80            | 194.97          | 193.21      | -100.01               | 575.31                            | -5,884.37  | 386.84               | 2.26                  | 384.58                  | 1.006 Level 2     |                    |         |
| 13,800.00                  | 6,887.67            | 13,754.02           | 6,954.83            | 197.76          | 196.00      | -99.99                | 570.54                            | -5,984.25  | 386.98               | -3.12                 | 390.10                  | 0.992 Level 1     |                    |         |
| 13,900.00                  | 6,886.76            | 13,854.02           | 6,953.87            | 200.56          | 198.80      | -99.98                | 565.77                            | -6,084.14  | 387.12               | -8.51                 | 395.63                  | 0.978 Level 1     |                    |         |
| 14,000.00                  | 6,885.84            | 13,954.02           | 6,952.90            | 203.35          | 201.59      | -99.97                | 561.00                            | -6,184.02  | 387.26               | -13.89                | 401.15                  | 0.965 Level 1     |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,100.00                  | 6,884.93            | 14,054.02           | 6,951.94            | 206.15          | 204.39      | -99.96                | 556.23                            | -6,283.90  | 387.40               | -19.28                | 406.68                  | 0.953             | Level 1            |         |
| 14,200.00                  | 6,884.02            | 14,154.02           | 6,950.97            | 208.95          | 207.19      | -99.95                | 551.46                            | -6,383.78  | 387.54               | -24.67                | 412.22                  | 0.940             | Level 1            |         |
| 14,300.00                  | 6,883.11            | 14,254.02           | 6,950.01            | 211.75          | 209.99      | -99.94                | 546.69                            | -6,483.66  | 387.68               | -30.07                | 417.75                  | 0.928             | Level 1            |         |
| 14,400.00                  | 6,882.20            | 14,354.02           | 6,949.04            | 214.55          | 212.79      | -99.92                | 541.92                            | -6,583.54  | 387.83               | -35.47                | 423.29                  | 0.916             | Level 1            |         |
| 14,500.00                  | 6,881.29            | 14,454.02           | 6,948.08            | 217.35          | 215.59      | -99.91                | 537.15                            | -6,683.42  | 387.97               | -40.86                | 428.83                  | 0.905             | Level 1            |         |
| 14,600.00                  | 6,880.37            | 14,554.02           | 6,947.12            | 220.15          | 218.39      | -99.90                | 532.38                            | -6,783.30  | 388.11               | -46.27                | 434.37                  | 0.893             | Level 1            |         |
| 14,700.00                  | 6,879.46            | 14,654.02           | 6,946.15            | 222.95          | 221.20      | -99.89                | 527.61                            | -6,883.19  | 388.25               | -51.67                | 439.92                  | 0.883             | Level 1            |         |
| 14,800.00                  | 6,878.55            | 14,754.02           | 6,945.19            | 225.76          | 224.00      | -99.88                | 522.84                            | -6,983.07  | 388.39               | -57.07                | 445.47                  | 0.872             | Level 1            |         |
| 14,900.00                  | 6,877.64            | 14,854.02           | 6,944.22            | 228.56          | 226.81      | -99.87                | 518.07                            | -7,082.95  | 388.53               | -62.48                | 451.01                  | 0.861             | Level 1            |         |
| 15,000.00                  | 6,876.73            | 14,954.02           | 6,943.26            | 231.37          | 229.61      | -99.86                | 513.30                            | -7,182.83  | 388.68               | -67.89                | 456.57                  | 0.851             | Level 1            |         |
| 15,100.00                  | 6,875.82            | 15,054.02           | 6,942.29            | 234.18          | 232.42      | -99.84                | 508.53                            | -7,282.71  | 388.82               | -73.30                | 462.12                  | 0.841             | Level 1            |         |
| 15,200.00                  | 6,874.90            | 15,154.02           | 6,941.33            | 236.98          | 235.23      | -99.83                | 503.76                            | -7,382.59  | 388.96               | -78.71                | 467.67                  | 0.832             | Level 1            |         |
| 15,300.00                  | 6,873.99            | 15,254.02           | 6,940.36            | 239.79          | 238.03      | -99.82                | 498.99                            | -7,482.47  | 389.10               | -84.13                | 473.23                  | 0.822             | Level 1            |         |
| 15,400.00                  | 6,873.08            | 15,354.02           | 6,939.40            | 242.60          | 240.84      | -99.81                | 494.22                            | -7,582.36  | 389.24               | -89.55                | 478.79                  | 0.813             | Level 1            |         |
| 15,500.00                  | 6,872.17            | 15,454.02           | 6,938.43            | 245.41          | 243.65      | -99.80                | 489.45                            | -7,682.24  | 389.38               | -94.96                | 484.35                  | 0.804             | Level 1            |         |
| 15,600.00                  | 6,871.26            | 15,554.02           | 6,937.47            | 248.22          | 246.46      | -99.79                | 484.68                            | -7,782.12  | 389.53               | -100.38               | 489.91                  | 0.795             | Level 1            |         |
| 15,700.00                  | 6,870.35            | 15,654.02           | 6,936.50            | 251.03          | 249.27      | -99.77                | 479.91                            | -7,882.00  | 389.67               | -105.80               | 495.47                  | 0.786             | Level 1            |         |
| 15,737.91                  | 6,870.00            | 15,691.92           | 6,936.14            | 252.10          | 250.34      | -99.77                | 478.11                            | -7,919.86  | 389.72               | -107.86               | 497.58                  | 0.783             | Level 1            |         |
| 15,738.53                  | 6,869.99            | 15,692.54           | 6,936.13            | 252.11          | 250.36      | -99.77                | 478.08                            | -7,920.48  | 389.72               | -107.89               | 497.61                  | 0.783             | Level 1, ES, SF    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.50               | -89.62                            | -8.63      | 90.03                |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.50               | -89.62                            | -8.63      | 90.03                | 83.46                 | 6.57                    | 13.705            |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.50               | -89.62                            | -8.63      | 90.03                | 83.36                 | 6.67                    | 13.490            |                    |         |
| 300.00                     | 300.00              | 300.00              | 300.00              | 3.44            | 3.44        | -174.50               | -89.62                            | -8.63      | 90.03                | 83.14                 | 6.89                    | 13.068 CC, ES     |                    |         |
| 400.00                     | 399.98              | 400.19              | 400.17              | 3.60            | 3.60        | 154.71                | -89.66                            | -6.88      | 91.50                | 84.30                 | 7.20                    | 12.703            |                    |         |
| 500.00                     | 499.84              | 500.18              | 500.02              | 3.81            | 3.80        | 152.88                | -89.80                            | -1.64      | 95.97                | 88.37                 | 7.60                    | 12.620            |                    |         |
| 550.00                     | 549.68              | 550.05              | 549.74              | 3.93            | 3.91        | 151.62                | -89.90                            | 2.27       | 99.38                | 91.54                 | 7.84                    | 12.680            |                    |         |
| 600.00                     | 599.45              | 599.81              | 599.27              | 4.06            | 4.04        | 147.93                | -90.03                            | 7.04       | 103.54               | 95.45                 | 8.09                    | 12.803            |                    |         |
| 700.00                     | 698.71              | 699.02              | 697.73              | 4.33            | 4.31        | 142.19                | -90.34                            | 19.06      | 113.97               | 105.33                | 8.64                    | 13.196            |                    |         |
| 800.00                     | 797.49              | 801.90              | 795.93              | 4.64            | 4.62        | 138.66                | -90.69                            | 32.24      | 127.03               | 117.77                | 9.26                    | 13.719            |                    |         |
| 900.00                     | 895.68              | 903.10              | 893.86              | 4.97            | 4.96        | 137.05                | -91.03                            | 45.39      | 142.43               | 132.50                | 9.93                    | 14.345            |                    |         |
| 1,000.00                   | 993.14              | 1,004.70            | 991.38              | 5.33            | 5.32        | 136.73                | -91.38                            | 58.48      | 160.11               | 149.46                | 10.65                   | 15.040            |                    |         |
| 1,039.84                   | 1,031.75            | 1,034.36            | 1,030.10            | 5.48            | 5.43        | 136.87                | -91.51                            | 63.68      | 167.81               | 156.90                | 10.90                   | 15.388            |                    |         |
| 1,100.00                   | 1,089.94            | 1,106.72            | 1,088.49            | 5.72            | 5.70        | 137.66                | -91.72                            | 71.52      | 179.72               | 168.32                | 11.40                   | 15.762            |                    |         |
| 1,200.00                   | 1,186.67            | 1,208.78            | 1,185.56            | 6.13            | 6.09        | 138.76                | -92.06                            | 84.56      | 199.60               | 187.41                | 12.19                   | 16.380            |                    |         |
| 1,300.00                   | 1,283.39            | 1,289.16            | 1,282.62            | 6.55            | 6.40        | 139.66                | -92.40                            | 97.59      | 219.53               | 206.63                | 12.91                   | 17.008            |                    |         |
| 1,400.00                   | 1,380.12            | 1,387.10            | 1,379.69            | 6.99            | 6.80        | 140.42                | -92.74                            | 110.62     | 239.51               | 225.79                | 13.72                   | 17.459            |                    |         |
| 1,500.00                   | 1,476.85            | 1,485.04            | 1,476.76            | 7.45            | 7.20        | 141.06                | -93.08                            | 123.66     | 259.52               | 244.97                | 14.55                   | 17.841            |                    |         |
| 1,600.00                   | 1,573.57            | 1,582.98            | 1,573.83            | 7.90            | 7.61        | 141.60                | -93.42                            | 136.69     | 279.56               | 264.17                | 15.39                   | 18.166            |                    |         |
| 1,700.00                   | 1,670.30            | 1,680.92            | 1,670.90            | 8.37            | 8.02        | 142.08                | -93.76                            | 149.72     | 299.62               | 283.37                | 16.24                   | 18.446            |                    |         |
| 1,800.00                   | 1,767.03            | 1,778.86            | 1,767.96            | 8.85            | 8.44        | 142.49                | -94.11                            | 162.76     | 319.69               | 302.59                | 17.11                   | 18.688            |                    |         |
| 1,900.00                   | 1,863.75            | 1,876.80            | 1,865.03            | 9.32            | 8.86        | 142.85                | -94.45                            | 175.79     | 339.78               | 321.80                | 17.98                   | 18.897            |                    |         |
| 2,000.00                   | 1,960.48            | 1,974.74            | 1,962.10            | 9.81            | 9.28        | 143.18                | -94.79                            | 188.82     | 359.89               | 341.02                | 18.86                   | 19.081            |                    |         |
| 2,100.00                   | 2,057.21            | 2,072.68            | 2,059.17            | 10.29           | 9.71        | 143.47                | -95.13                            | 201.86     | 380.00               | 360.25                | 19.75                   | 19.242            |                    |         |
| 2,200.00                   | 2,153.93            | 2,170.62            | 2,156.24            | 10.78           | 10.14       | 143.73                | -95.47                            | 214.89     | 400.12               | 379.48                | 20.64                   | 19.385            |                    |         |
| 2,300.00                   | 2,250.66            | 2,268.56            | 2,253.30            | 11.28           | 10.57       | 143.97                | -95.81                            | 227.92     | 420.24               | 398.71                | 21.54                   | 19.511            |                    |         |
| 2,400.00                   | 2,347.39            | 2,366.50            | 2,350.37            | 11.77           | 11.01       | 144.18                | -96.15                            | 240.96     | 440.38               | 417.94                | 22.44                   | 19.624            |                    |         |
| 2,500.00                   | 2,444.11            | 2,464.43            | 2,447.44            | 12.27           | 11.44       | 144.38                | -96.49                            | 253.99     | 460.52               | 437.17                | 23.35                   | 19.726            |                    |         |
| 2,600.00                   | 2,540.84            | 2,562.37            | 2,544.51            | 12.77           | 11.88       | 144.55                | -96.84                            | 267.02     | 480.66               | 456.40                | 24.26                   | 19.817            |                    |         |
| 2,700.00                   | 2,637.57            | 2,660.31            | 2,641.58            | 13.27           | 12.32       | 144.72                | -97.18                            | 280.06     | 500.81               | 475.64                | 25.17                   | 19.899            |                    |         |
| 2,800.00                   | 2,734.30            | 2,758.25            | 2,738.64            | 13.78           | 12.76       | 144.87                | -97.52                            | 293.09     | 520.96               | 494.88                | 26.08                   | 19.973            |                    |         |
| 2,900.00                   | 2,831.02            | 2,856.19            | 2,835.71            | 14.28           | 13.20       | 145.01                | -97.86                            | 306.12     | 541.11               | 514.11                | 27.00                   | 20.041            |                    |         |
| 3,000.00                   | 2,927.75            | 2,954.13            | 2,932.78            | 14.79           | 13.64       | 145.14                | -98.20                            | 319.16     | 561.27               | 533.35                | 27.92                   | 20.103            |                    |         |
| 3,100.00                   | 3,024.48            | 3,052.07            | 3,029.85            | 15.29           | 14.09       | 145.26                | -98.54                            | 332.19     | 581.43               | 552.59                | 28.84                   | 20.160            |                    |         |
| 3,200.00                   | 3,121.20            | 3,150.01            | 3,126.91            | 15.80           | 14.53       | 145.38                | -98.88                            | 345.22     | 601.59               | 571.83                | 29.76                   | 20.212            |                    |         |
| 3,300.00                   | 3,217.93            | 3,247.95            | 3,223.98            | 16.31           | 14.98       | 145.48                | -99.23                            | 358.26     | 621.76               | 591.07                | 30.69                   | 20.259            |                    |         |
| 3,400.00                   | 3,314.66            | 3,345.89            | 3,321.05            | 16.82           | 15.42       | 145.58                | -99.57                            | 371.29     | 641.92               | 610.31                | 31.62                   | 20.303            |                    |         |
| 3,500.00                   | 3,411.38            | 3,443.83            | 3,418.12            | 17.33           | 15.87       | 145.68                | -99.91                            | 384.33     | 662.09               | 629.55                | 32.54                   | 20.344            |                    |         |
| 3,600.00                   | 3,508.11            | 3,541.77            | 3,515.19            | 17.84           | 16.32       | 145.76                | -100.25                           | 397.36     | 682.26               | 648.79                | 33.47                   | 20.382            |                    |         |
| 3,700.00                   | 3,604.84            | 3,639.71            | 3,612.25            | 18.36           | 16.76       | 145.85                | -100.59                           | 410.39     | 702.43               | 668.03                | 34.40                   | 20.417            |                    |         |
| 3,800.00                   | 3,701.56            | 3,737.65            | 3,709.32            | 18.87           | 17.21       | 145.92                | -100.93                           | 423.43     | 722.61               | 687.27                | 35.34                   | 20.450            |                    |         |
| 3,900.00                   | 3,798.29            | 3,835.59            | 3,806.39            | 19.38           | 17.66       | 146.00                | -101.27                           | 436.46     | 742.78               | 706.51                | 36.27                   | 20.480            |                    |         |
| 4,000.00                   | 3,895.02            | 3,933.53            | 3,903.46            | 19.89           | 18.11       | 146.07                | -101.61                           | 449.49     | 762.96               | 725.75                | 37.20                   | 20.509            |                    |         |
| 4,100.00                   | 3,991.74            | 4,031.47            | 4,000.53            | 20.41           | 18.56       | 146.13                | -101.96                           | 462.53     | 783.13               | 745.00                | 38.14                   | 20.535            |                    |         |
| 4,200.00                   | 4,088.47            | 4,129.41            | 4,097.59            | 20.92           | 19.01       | 146.20                | -102.30                           | 475.56     | 803.31               | 764.24                | 39.07                   | 20.560            |                    |         |
| 4,300.00                   | 4,185.20            | 4,227.35            | 4,194.66            | 21.44           | 19.46       | 146.26                | -102.64                           | 488.59     | 823.49               | 783.48                | 40.01                   | 20.584            |                    |         |
| 4,400.00                   | 4,281.92            | 4,325.29            | 4,291.73            | 21.95           | 19.91       | 146.32                | -102.98                           | 501.63     | 843.66               | 802.72                | 40.94                   | 20.606            |                    |         |
| 4,500.00                   | 4,378.65            | 4,423.23            | 4,388.80            | 22.47           | 20.36       | 146.37                | -103.32                           | 514.66     | 863.84               | 821.96                | 41.88                   | 20.627            |                    |         |
| 4,600.00                   | 4,475.38            | 4,521.17            | 4,485.87            | 22.99           | 20.81       | 146.42                | -103.66                           | 527.69     | 884.02               | 841.21                | 42.82                   | 20.646            |                    |         |
| 4,700.00                   | 4,572.10            | 4,619.11            | 4,582.93            | 23.50           | 21.26       | 146.47                | -104.00                           | 540.73     | 904.21               | 860.45                | 43.76                   | 20.665            |                    |         |
| 4,800.00                   | 4,668.83            | 4,717.05            | 4,680.00            | 24.02           | 21.71       | 146.52                | -104.34                           | 553.76     | 924.39               | 879.69                | 44.69                   | 20.682            |                    |         |
| 4,900.00                   | 4,765.56            | 4,814.98            | 4,777.07            | 24.53           | 22.16       | 146.56                | -104.69                           | 566.79     | 944.57               | 898.93                | 45.63                   | 20.699            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                   | 4,862.28            | 4,912.92            | 4,874.14            | 25.05           | 22.62       | 146.61                | -105.03                           | 579.83     | 964.75               | 918.18                | 46.57                   | 20.715            |                    |         |
| 5,100.00                   | 4,959.01            | 5,010.86            | 4,971.20            | 25.57           | 23.07       | 146.65                | -105.37                           | 592.86     | 984.93               | 937.42                | 47.51                   | 20.730            |                    |         |
| 5,200.00                   | 5,055.74            | 5,108.80            | 5,068.27            | 26.09           | 23.52       | 146.69                | -105.71                           | 605.89     | 1,005.12             | 956.66                | 48.45                   | 20.744            |                    |         |
| 5,300.00                   | 5,152.46            | 5,206.74            | 5,165.34            | 26.60           | 23.97       | 146.73                | -106.05                           | 618.93     | 1,025.30             | 975.91                | 49.40                   | 20.757            |                    |         |
| 5,400.00                   | 5,249.19            | 5,304.68            | 5,262.41            | 27.12           | 24.43       | 146.76                | -106.39                           | 631.96     | 1,045.49             | 995.15                | 50.34                   | 20.770            |                    |         |
| 5,500.00                   | 5,345.92            | 5,402.62            | 5,359.48            | 27.64           | 24.88       | 146.80                | -106.73                           | 644.99     | 1,065.67             | 1,014.39              | 51.28                   | 20.782            |                    |         |
| 5,600.00                   | 5,442.65            | 5,500.56            | 5,456.54            | 28.16           | 25.33       | 146.83                | -107.08                           | 658.03     | 1,085.86             | 1,033.64              | 52.22                   | 20.794            |                    |         |
| 5,700.00                   | 5,539.37            | 5,601.50            | 5,553.61            | 28.68           | 25.80       | 146.87                | -107.42                           | 671.06     | 1,106.04             | 1,052.87              | 53.18                   | 20.799            |                    |         |
| 5,800.00                   | 5,636.10            | 5,703.56            | 5,650.68            | 29.20           | 26.27       | 146.90                | -107.76                           | 684.09     | 1,126.23             | 1,072.09              | 54.14                   | 20.803            |                    |         |
| 5,900.00                   | 5,732.83            | 5,805.62            | 5,747.75            | 29.71           | 26.74       | 146.93                | -108.10                           | 697.13     | 1,146.41             | 1,091.31              | 55.10                   | 20.806            |                    |         |
| 6,000.00                   | 5,829.55            | 5,907.68            | 5,844.82            | 30.23           | 27.22       | 146.96                | -108.44                           | 710.16     | 1,166.60             | 1,110.54              | 56.06                   | 20.809            |                    |         |
| 6,100.00                   | 5,926.28            | 6,009.74            | 5,941.88            | 30.75           | 27.69       | 146.99                | -108.78                           | 723.19     | 1,186.79             | 1,129.76              | 57.03                   | 20.812            |                    |         |
| 6,200.00                   | 6,023.01            | 6,088.20            | 6,038.95            | 31.27           | 28.05       | 147.02                | -109.12                           | 736.23     | 1,206.97             | 1,149.10              | 57.88                   | 20.853            |                    |         |
| 6,300.00                   | 6,119.73            | 6,186.14            | 6,136.02            | 31.79           | 28.51       | 147.04                | -109.46                           | 749.26     | 1,227.16             | 1,168.34              | 58.82                   | 20.862            |                    |         |
| 6,397.75                   | 6,214.28            | 6,281.87            | 6,230.90            | 32.30           | 28.95       | 147.07                | -109.80                           | 762.00     | 1,246.89             | 1,187.15              | 59.75                   | 20.870            |                    |         |
| 6,400.00                   | 6,216.46            | 6,284.08            | 6,233.09            | 32.31           | 28.96       | 147.70                | -109.81                           | 762.29     | 1,247.35             | 1,187.58              | 59.77                   | 20.870            |                    |         |
| 6,450.00                   | 6,265.12            | 6,333.06            | 6,281.64            | 32.56           | 29.19       | 164.58                | -109.98                           | 768.81     | 1,257.14             | 1,196.91              | 60.23                   | 20.871            |                    |         |
| 6,500.00                   | 6,314.12            | 6,381.86            | 6,330.00            | 32.78           | 29.41       | -173.40               | -110.15                           | 775.31     | 1,266.35             | 1,205.66              | 60.69                   | 20.867            |                    |         |
| 6,550.00                   | 6,363.16            | 6,430.18            | 6,377.89            | 32.99           | 29.64       | -150.79               | -110.31                           | 781.74     | 1,274.97             | 1,213.84              | 61.13                   | 20.857            |                    |         |
| 6,600.00                   | 6,411.94            | 6,477.72            | 6,425.00            | 33.18           | 29.86       | -133.10               | -110.48                           | 788.06     | 1,283.04             | 1,221.48              | 61.56                   | 20.841            |                    |         |
| 6,650.00                   | 6,460.15            | 6,514.45            | 6,461.54            | 33.35           | 30.02       | -120.94               | -110.65                           | 791.77     | 1,290.80             | 1,228.90              | 61.90                   | 20.854            |                    |         |
| 6,700.00                   | 6,507.49            | 6,552.12            | 6,499.18            | 33.52           | 30.18       | -112.81               | -110.89                           | 793.38     | 1,298.41             | 1,236.18              | 62.23                   | 20.864            |                    |         |
| 6,750.00                   | 6,553.69            | 6,590.35            | 6,537.39            | 33.69           | 30.33       | -107.24               | -111.22                           | 792.74     | 1,305.85             | 1,243.28              | 62.57                   | 20.871            |                    |         |
| 6,800.00                   | 6,598.44            | 6,629.19            | 6,576.11            | 33.85           | 30.48       | -103.30               | -111.62                           | 789.74     | 1,313.10             | 1,250.19              | 62.91                   | 20.872            |                    |         |
| 6,850.00                   | 6,641.47            | 6,668.74            | 6,615.27            | 34.02           | 30.62       | -100.44               | -112.11                           | 784.27     | 1,320.14             | 1,256.86              | 63.28                   | 20.862            |                    |         |
| 6,900.00                   | 6,682.53            | 6,709.10            | 6,654.80            | 34.19           | 30.77       | -98.33                | -112.68                           | 776.19     | 1,326.96             | 1,263.28              | 63.68                   | 20.839            |                    |         |
| 6,950.00                   | 6,721.35            | 6,750.36            | 6,694.60            | 34.38           | 30.93       | -96.76                | -113.35                           | 765.37     | 1,333.53             | 1,269.42              | 64.11                   | 20.801            |                    |         |
| 7,000.00                   | 6,757.70            | 6,792.64            | 6,734.56            | 34.57           | 31.09       | -95.61                | -114.12                           | 751.62     | 1,339.83             | 1,275.26              | 64.58                   | 20.748            |                    |         |
| 7,050.00                   | 6,791.35            | 6,836.07            | 6,774.58            | 34.79           | 31.26       | -94.78                | -114.98                           | 734.77     | 1,345.86             | 1,280.77              | 65.09                   | 20.676            |                    |         |
| 7,100.00                   | 6,822.10            | 6,880.79            | 6,814.48            | 35.03           | 31.44       | -94.23                | -115.96                           | 714.62     | 1,351.58             | 1,285.93              | 65.65                   | 20.587            |                    |         |
| 7,150.00                   | 6,849.75            | 6,926.97            | 6,854.08            | 35.30           | 31.64       | -93.89                | -117.05                           | 690.92     | 1,356.98             | 1,290.71              | 66.27                   | 20.478            |                    |         |
| 7,200.00                   | 6,874.14            | 6,974.77            | 6,893.16            | 35.61           | 31.85       | -93.76                | -118.25                           | 663.44     | 1,362.03             | 1,295.10              | 66.93                   | 20.349            |                    |         |
| 7,250.00                   | 6,895.11            | 7,024.40            | 6,931.43            | 35.95           | 32.08       | -93.80                | -119.59                           | 631.88     | 1,366.70             | 1,299.04              | 67.66                   | 20.200            |                    |         |
| 7,300.00                   | 6,912.54            | 7,076.06            | 6,968.53            | 36.34           | 32.35       | -94.01                | -121.05                           | 595.98     | 1,370.97             | 1,302.53              | 68.44                   | 20.031            |                    |         |
| 7,350.00                   | 6,926.31            | 7,129.98            | 7,004.01            | 36.77           | 32.66       | -94.36                | -122.66                           | 555.43     | 1,374.79             | 1,305.50              | 69.29                   | 19.842            |                    |         |
| 7,400.00                   | 6,936.35            | 7,186.40            | 7,037.31            | 37.25           | 33.01       | -94.85                | -124.41                           | 509.95     | 1,378.12             | 1,307.92              | 70.20                   | 19.631            |                    |         |
| 7,450.00                   | 6,942.59            | 7,245.56            | 7,067.77            | 37.76           | 33.43       | -95.48                | -126.30                           | 459.29     | 1,380.92             | 1,309.73              | 71.19                   | 19.399            |                    |         |
| 7,500.00                   | 6,944.99            | 7,307.69            | 7,094.54            | 38.31           | 33.92       | -96.23                | -128.35                           | 403.29     | 1,383.13             | 1,310.88              | 72.25                   | 19.144            |                    |         |
| 7,512.10                   | 6,945.00            | 7,323.20            | 7,100.36            | 38.44           | 34.07       | -96.43                | -128.86                           | 388.92     | 1,383.56             | 1,311.04              | 72.53                   | 19.077            |                    |         |
| 7,600.00                   | 6,944.19            | 7,443.80            | 7,133.39            | 39.51           | 35.23       | -97.84                | -132.90                           | 273.20     | 1,385.82             | 1,311.08              | 74.75                   | 18.540            |                    |         |
| 7,700.00                   | 6,943.28            | 7,583.94            | 7,143.81            | 40.90           | 36.83       | -98.33                | -137.54                           | 133.78     | 1,385.67             | 1,307.95              | 77.72                   | 17.829            |                    |         |
| 7,800.00                   | 6,942.37            | 7,683.93            | 7,142.64            | 42.44           | 38.16       | -98.33                | -140.80                           | 33.85      | 1,384.28             | 1,303.68              | 80.60                   | 17.174            |                    |         |
| 7,900.00                   | 6,941.46            | 7,783.92            | 7,141.48            | 44.11           | 39.64       | -98.32                | -144.05                           | -66.08     | 1,382.90             | 1,299.14              | 83.76                   | 16.510            |                    |         |
| 8,000.00                   | 6,940.55            | 7,883.91            | 7,140.32            | 45.90           | 41.26       | -98.32                | -147.31                           | -166.01    | 1,381.52             | 1,294.35              | 87.17                   | 15.849            |                    |         |
| 8,100.00                   | 6,939.64            | 7,983.91            | 7,139.16            | 47.80           | 43.01       | -98.32                | -150.57                           | -265.94    | 1,380.13             | 1,289.33              | 90.80                   | 15.200            |                    |         |
| 8,200.00                   | 6,938.72            | 8,083.90            | 7,137.99            | 49.79           | 44.88       | -98.32                | -153.82                           | -365.88    | 1,378.75             | 1,284.12              | 94.63                   | 14.570            |                    |         |
| 8,300.00                   | 6,937.81            | 8,183.89            | 7,136.83            | 51.86           | 46.84       | -98.32                | -157.08                           | -465.81    | 1,377.37             | 1,278.73              | 98.63                   | 13.965            |                    |         |
| 8,400.00                   | 6,936.90            | 8,283.88            | 7,135.67            | 54.01           | 48.89       | -98.31                | -160.34                           | -565.74    | 1,375.98             | 1,273.19              | 102.79                  | 13.387            |                    |         |
| 8,500.00                   | 6,935.99            | 8,383.87            | 7,134.50            | 56.21           | 51.01       | -98.31                | -163.59                           | -665.67    | 1,374.60             | 1,267.52              | 107.08                  | 12.837            |                    |         |
| 8,600.00                   | 6,935.08            | 8,483.86            | 7,133.34            | 58.47           | 53.20       | -98.31                | -166.85                           | -765.60    | 1,373.22             | 1,261.72              | 111.49                  | 12.317            |                    |         |
| 8,700.00                   | 6,934.17            | 8,583.85            | 7,132.18            | 60.78           | 55.46       | -98.31                | -170.10                           | -865.53    | 1,371.83             | 1,255.82              | 116.01                  | 11.825            |                    |         |
| 8,800.00                   | 6,933.25            | 8,683.84            | 7,131.01            | 63.13           | 57.76       | -98.31                | -173.36                           | -965.46    | 1,370.45             | 1,249.83              | 120.62                  | 11.361            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design Boomerang 21-5 - Boomerang 33C-6-M - OH - Plan #1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1                                      |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00  | 6,932.34            | 8,783.83            | 7,129.85            | 65.52           | 60.11       | -98.30                | -176.62                           | -1,065.39  | 1,369.06             | 1,243.75              | 125.32                  | 10.925            |                    |         |
| 9,000.00  | 6,931.43            | 8,883.82            | 7,128.69            | 67.95           | 62.50       | -98.30                | -179.87                           | -1,165.32  | 1,367.68             | 1,237.59              | 130.09                  | 10.513            |                    |         |
| 9,100.00  | 6,930.52            | 8,983.81            | 7,127.52            | 70.40           | 64.93       | -98.30                | -183.13                           | -1,265.25  | 1,366.30             | 1,231.37              | 134.93                  | 10.126            |                    |         |
| 9,200.00  | 6,929.61            | 9,083.80            | 7,126.36            | 72.89           | 67.39       | -98.30                | -186.39                           | -1,365.18  | 1,364.91             | 1,225.09              | 139.82                  | 9.762             |                    |         |
| 9,300.00  | 6,928.69            | 9,183.79            | 7,125.20            | 75.40           | 69.88       | -98.29                | -189.64                           | -1,465.11  | 1,363.53             | 1,218.76              | 144.77                  | 9.418             |                    |         |
| 9,400.00  | 6,927.78            | 9,283.78            | 7,124.03            | 77.93           | 72.39       | -98.29                | -192.90                           | -1,565.04  | 1,362.15             | 1,212.37              | 149.77                  | 9.095             |                    |         |
| 9,500.00  | 6,926.87            | 9,383.77            | 7,122.87            | 80.48           | 74.93       | -98.29                | -196.16                           | -1,664.97  | 1,360.76             | 1,205.95              | 154.82                  | 8.790             |                    |         |
| 9,600.00  | 6,925.96            | 9,483.76            | 7,121.71            | 83.05           | 77.49       | -98.29                | -199.41                           | -1,764.90  | 1,359.38             | 1,199.48              | 159.90                  | 8.502             |                    |         |
| 9,700.00  | 6,925.05            | 9,583.75            | 7,120.55            | 85.64           | 80.07       | -98.29                | -202.67                           | -1,864.83  | 1,358.00             | 1,192.98              | 165.02                  | 8.229             |                    |         |
| 9,800.00  | 6,924.14            | 9,683.74            | 7,119.38            | 88.25           | 82.67       | -98.28                | -205.92                           | -1,964.76  | 1,356.61             | 1,186.45              | 170.17                  | 7.972             |                    |         |
| 9,900.00  | 6,923.22            | 9,783.73            | 7,118.22            | 90.86           | 85.28       | -98.28                | -209.18                           | -2,064.70  | 1,355.23             | 1,179.88              | 175.35                  | 7.729             |                    |         |
| 10,000.00   | 6,922.31            | 9,883.72            | 7,117.06            | 93.50           | 87.91       | -98.28                | -212.44                           | -2,164.63  | 1,353.85             | 1,173.29              | 180.55                  | 7.498             |                    |         |
| 10,100.00   | 6,921.40            | 9,983.71            | 7,115.89            | 96.14           | 90.55       | -98.28                | -215.69                           | -2,264.56  | 1,352.46             | 1,166.68              | 185.79                  | 7.280             |                    |         |
| 10,200.00   | 6,920.49            | 10,083.70           | 7,114.73            | 98.79           | 93.20       | -98.27                | -218.95                           | -2,364.49  | 1,351.08             | 1,160.04              | 191.04                  | 7.072             |                    |         |
| 10,300.00   | 6,919.58            | 10,183.69           | 7,113.57            | 101.45          | 95.86       | -98.27                | -222.21                           | -2,464.42  | 1,349.70             | 1,153.38              | 196.32                  | 6.875             |                    |         |
| 10,400.00   | 6,918.67            | 10,283.68           | 7,112.40            | 104.13          | 98.53       | -98.27                | -225.46                           | -2,564.35  | 1,348.31             | 1,146.70              | 201.61                  | 6.688             |                    |         |
| 10,500.00   | 6,917.75            | 10,383.68           | 7,111.24            | 106.81          | 101.21      | -98.27                | -228.72                           | -2,664.28  | 1,346.93             | 1,140.00              | 206.92                  | 6.509             |                    |         |
| 10,600.00   | 6,916.84            | 10,483.67           | 7,110.08            | 109.50          | 103.90      | -98.27                | -231.97                           | -2,764.21  | 1,345.55             | 1,133.29              | 212.25                  | 6.339             |                    |         |
| 10,700.00   | 6,915.93            | 10,583.66           | 7,108.91            | 112.19          | 106.60      | -98.26                | -235.23                           | -2,864.14  | 1,344.16             | 1,126.56              | 217.60                  | 6.177             |                    |         |
| 10,800.00   | 6,915.02            | 10,683.65           | 7,107.75            | 114.90          | 109.31      | -98.26                | -238.49                           | -2,964.07  | 1,342.78             | 1,119.82              | 222.96                  | 6.023             |                    |         |
| 10,900.00   | 6,914.11            | 10,783.64           | 7,106.59            | 117.61          | 112.02      | -98.26                | -241.74                           | -3,064.00  | 1,341.40             | 1,113.07              | 228.33                  | 5.875             |                    |         |
| 11,000.00   | 6,913.20            | 10,883.63           | 7,105.43            | 120.32          | 114.74      | -98.26                | -245.00                           | -3,163.93  | 1,340.01             | 1,106.30              | 233.72                  | 5.734             |                    |         |
| 11,100.00   | 6,912.28            | 10,983.62           | 7,104.26            | 123.04          | 117.47      | -98.25                | -248.26                           | -3,263.86  | 1,338.63             | 1,099.52              | 239.11                  | 5.598             |                    |         |
| 11,200.00   | 6,911.37            | 11,083.61           | 7,103.10            | 125.77          | 120.20      | -98.25                | -251.51                           | -3,363.79  | 1,337.25             | 1,092.73              | 244.52                  | 5.469             |                    |         |
| 11,300.00   | 6,910.46            | 11,183.60           | 7,101.94            | 128.50          | 122.93      | -98.25                | -254.77                           | -3,463.72  | 1,335.86             | 1,085.93              | 249.93                  | 5.345             |                    |         |
| 11,400.00   | 6,909.55            | 11,283.59           | 7,100.77            | 131.24          | 125.67      | -98.25                | -258.03                           | -3,563.65  | 1,334.48             | 1,079.12              | 255.36                  | 5.226             |                    |         |
| 11,500.00   | 6,908.64            | 11,383.58           | 7,099.61            | 133.98          | 128.42      | -98.24                | -261.28                           | -3,663.59  | 1,333.10             | 1,072.30              | 260.80                  | 5.112             |                    |         |
| 11,600.00   | 6,907.73            | 11,483.57           | 7,098.45            | 136.72          | 131.16      | -98.24                | -264.54                           | -3,763.52  | 1,331.71             | 1,065.47              | 266.24                  | 5.002             |                    |         |
| 11,700.00   | 6,906.81            | 11,583.56           | 7,097.28            | 139.47          | 133.92      | -98.24                | -267.79                           | -3,863.45  | 1,330.33             | 1,058.64              | 271.69                  | 4.896             |                    |         |
| 11,800.00   | 6,905.90            | 11,683.55           | 7,096.12            | 142.22          | 136.67      | -98.24                | -271.05                           | -3,963.38  | 1,328.95             | 1,051.80              | 277.15                  | 4.795             |                    |         |
| 11,900.00   | 6,904.99            | 11,783.54           | 7,094.96            | 144.97          | 139.43      | -98.24                | -274.31                           | -4,063.31  | 1,327.56             | 1,044.95              | 282.61                  | 4.697             |                    |         |
| 12,000.00   | 6,904.08            | 11,883.53           | 7,093.79            | 147.73          | 142.20      | -98.23                | -277.56                           | -4,163.24  | 1,326.18             | 1,038.09              | 288.09                  | 4.603             |                    |         |
| 12,100.00   | 6,903.17            | 11,983.52           | 7,092.63            | 150.49          | 144.96      | -98.23                | -280.82                           | -4,263.17  | 1,324.80             | 1,031.23              | 293.56                  | 4.513             |                    |         |
| 12,200.00   | 6,902.26            | 12,083.51           | 7,091.47            | 153.26          | 147.73      | -98.23                | -284.08                           | -4,363.10  | 1,323.41             | 1,024.36              | 299.05                  | 4.425             |                    |         |
| 12,300.00   | 6,901.34            | 12,183.50           | 7,090.31            | 156.02          | 150.51      | -98.23                | -287.33                           | -4,463.03  | 1,322.03             | 1,017.49              | 304.54                  | 4.341             |                    |         |
| 12,400.00   | 6,900.43            | 12,283.49           | 7,089.14            | 158.79          | 153.28      | -98.22                | -290.59                           | -4,562.96  | 1,320.64             | 1,010.61              | 310.03                  | 4.260             |                    |         |
| 12,500.00   | 6,899.52            | 12,383.48           | 7,087.98            | 161.56          | 156.06      | -98.22                | -293.84                           | -4,662.89  | 1,319.26             | 1,003.73              | 315.53                  | 4.181             |                    |         |
| 12,600.00   | 6,898.61            | 12,483.47           | 7,086.82            | 164.34          | 158.84      | -98.22                | -297.10                           | -4,762.82  | 1,317.88             | 996.84                | 321.03                  | 4.105             |                    |         |
| 12,700.00   | 6,897.70            | 12,583.46           | 7,085.65            | 167.11          | 161.62      | -98.22                | -300.36                           | -4,862.75  | 1,316.49             | 989.95                | 326.54                  | 4.032             |                    |         |
| 12,800.00   | 6,896.79            | 12,683.45           | 7,084.49            | 169.89          | 164.40      | -98.21                | -303.61                           | -4,962.68  | 1,315.11             | 983.06                | 332.06                  | 3.961             |                    |         |
| 12,900.00   | 6,895.87            | 12,783.45           | 7,083.33            | 172.67          | 167.19      | -98.21                | -306.87                           | -5,062.61  | 1,313.73             | 976.16                | 337.57                  | 3.892             |                    |         |
| 13,000.00   | 6,894.96            | 12,883.44           | 7,082.16            | 175.45          | 169.98      | -98.21                | -310.13                           | -5,162.54  | 1,312.34             | 969.25                | 343.09                  | 3.825             |                    |         |
| 13,100.00   | 6,894.05            | 12,983.43           | 7,081.00            | 178.23          | 172.76      | -98.21                | -313.38                           | -5,262.48  | 1,310.96             | 962.34                | 348.62                  | 3.760             |                    |         |
| 13,200.00   | 6,893.14            | 13,083.42           | 7,079.84            | 181.02          | 175.56      | -98.20                | -316.64                           | -5,362.41  | 1,309.58             | 955.43                | 354.15                  | 3.698             |                    |         |
| 13,300.00   | 6,892.23            | 13,183.41           | 7,078.67            | 183.80          | 178.35      | -98.20                | -319.89                           | -5,462.34  | 1,308.19             | 948.52                | 359.68                  | 3.637             |                    |         |
| 13,400.00   | 6,891.31            | 13,283.40           | 7,077.51            | 186.59          | 181.14      | -98.20                | -323.15                           | -5,562.27  | 1,306.81             | 941.60                | 365.21                  | 3.578             |                    |         |
| 13,500.00   | 6,890.40            | 13,383.39           | 7,076.35            | 189.38          | 183.94      | -98.20                | -326.41                           | -5,662.20  | 1,305.43             | 934.68                | 370.75                  | 3.521             |                    |         |
| 13,600.00   | 6,889.49            | 13,483.38           | 7,075.19            | 192.17          | 186.74      | -98.20                | -329.66                           | -5,762.13  | 1,304.04             | 927.76                | 376.29                  | 3.466             |                    |         |
| 13,700.00   | 6,888.58            | 13,583.37           | 7,074.02            | 194.97          | 189.54      | -98.19                | -332.92                           | -5,862.06  | 1,302.66             | 920.83                | 381.83                  | 3.412             |                    |         |
| 13,800.00   | 6,887.67            | 13,683.36           | 7,072.86            | 197.76          | 192.34      | -98.19                | -336.18                           | -5,961.99  | 1,301.28             | 913.90                | 387.38                  | 3.359             |                    |         |
| 13,900.00   | 6,886.76            | 13,783.35           | 7,071.70            | 200.56          | 195.14      | -98.19                | -339.43                           | -6,061.92  | 1,299.89             | 906.97                | 392.93                  | 3.308             |                    |         |
| 14,000.00   | 6,885.84            | 13,883.34           | 7,070.53            | 203.35          | 197.94      | -98.19                | -342.69                           | -6,161.85  | 1,298.51             | 900.03                | 398.48                  | 3.259             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,100.00                  | 6,884.93            | 13,983.33           | 7,069.37            | 206.15          | 200.74      | -98.18                | -345.95                           | -6,261.78  | 1,297.13             | 893.10                | 404.03                  | 3.210             |                    |         |
| 14,200.00                  | 6,884.02            | 14,083.32           | 7,068.21            | 208.95          | 203.55      | -98.18                | -349.20                           | -6,361.71  | 1,295.74             | 886.16                | 409.59                  | 3.164             |                    |         |
| 14,300.00                  | 6,883.11            | 14,183.31           | 7,067.04            | 211.75          | 206.35      | -98.18                | -352.46                           | -6,461.64  | 1,294.36             | 879.22                | 415.14                  | 3.118             |                    |         |
| 14,400.00                  | 6,882.20            | 14,283.30           | 7,065.88            | 214.55          | 209.16      | -98.18                | -355.71                           | -6,561.57  | 1,292.98             | 872.27                | 420.70                  | 3.073             |                    |         |
| 14,500.00                  | 6,881.29            | 14,383.29           | 7,064.72            | 217.35          | 211.97      | -98.17                | -358.97                           | -6,661.50  | 1,291.59             | 865.33                | 426.26                  | 3.030             |                    |         |
| 14,600.00                  | 6,880.37            | 14,483.28           | 7,063.55            | 220.15          | 214.78      | -98.17                | -362.23                           | -6,761.43  | 1,290.21             | 858.38                | 431.83                  | 2.988             |                    |         |
| 14,700.00                  | 6,879.46            | 14,583.27           | 7,062.39            | 222.95          | 217.59      | -98.17                | -365.48                           | -6,861.36  | 1,288.83             | 851.43                | 437.39                  | 2.947             |                    |         |
| 14,800.00                  | 6,878.55            | 14,683.26           | 7,061.23            | 225.76          | 220.40      | -98.17                | -368.74                           | -6,961.30  | 1,287.44             | 844.48                | 442.96                  | 2.906             |                    |         |
| 14,900.00                  | 6,877.64            | 14,783.25           | 7,060.06            | 228.56          | 223.21      | -98.16                | -372.00                           | -7,061.23  | 1,286.06             | 837.53                | 448.53                  | 2.867             |                    |         |
| 15,000.00                  | 6,876.73            | 14,883.24           | 7,058.90            | 231.37          | 226.02      | -98.16                | -375.25                           | -7,161.16  | 1,284.68             | 830.58                | 454.10                  | 2.829             |                    |         |
| 15,100.00                  | 6,875.82            | 14,983.23           | 7,057.74            | 234.18          | 228.83      | -98.16                | -378.51                           | -7,261.09  | 1,283.29             | 823.62                | 459.67                  | 2.792             |                    |         |
| 15,200.00                  | 6,874.90            | 15,083.22           | 7,056.58            | 236.98          | 231.65      | -98.16                | -381.76                           | -7,361.02  | 1,281.91             | 816.66                | 465.25                  | 2.755             |                    |         |
| 15,300.00                  | 6,873.99            | 15,183.22           | 7,055.41            | 239.79          | 234.46      | -98.15                | -385.02                           | -7,460.95  | 1,280.53             | 809.70                | 470.82                  | 2.720             |                    |         |
| 15,400.00                  | 6,873.08            | 15,283.21           | 7,054.25            | 242.60          | 237.28      | -98.15                | -388.28                           | -7,560.88  | 1,279.14             | 802.74                | 476.40                  | 2.685             |                    |         |
| 15,500.00                  | 6,872.17            | 15,383.20           | 7,053.09            | 245.41          | 240.09      | -98.15                | -391.53                           | -7,660.81  | 1,277.76             | 795.78                | 481.98                  | 2.651             |                    |         |
| 15,600.00                  | 6,871.26            | 15,483.19           | 7,051.92            | 248.22          | 242.91      | -98.15                | -394.79                           | -7,760.74  | 1,276.38             | 788.82                | 487.56                  | 2.618             |                    |         |
| 15,700.00                  | 6,870.35            | 15,583.18           | 7,050.76            | 251.03          | 245.72      | -98.14                | -398.05                           | -7,860.67  | 1,274.99             | 781.85                | 493.14                  | 2.585             |                    |         |
| 15,737.91                  | 6,870.00            | 15,621.08           | 7,050.32            | 252.10          | 246.79      | -98.14                | -399.28                           | -7,898.55  | 1,274.47             | 779.22                | 495.25                  | 2.573             |                    |         |
| 15,738.53                  | 6,869.99            | 15,621.70           | 7,050.31            | 252.11          | 246.81      | -98.14                | -399.30                           | -7,899.17  | 1,274.46             | 779.17                | 495.29                  | 2.573 SF          |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design         |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference             |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                  | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.46               | -74.68                            | -7.24      | 75.03                |                       |                         |                   |                    |         |
| 100.00                | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.46               | -74.68                            | -7.24      | 75.03                | 68.46                 | 6.57                    | 11.421            |                    |         |
| 200.00                | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.46               | -74.68                            | -7.24      | 75.03                | 68.36                 | 6.67                    | 11.242            |                    |         |
| 300.00                | 300.00              | 300.97              | 300.94              | 3.44            | 3.44        | -175.73               | -74.17                            | -5.54      | 74.38                | 67.49                 | 6.89                    | 10.794            |                    |         |
| 360.57                | 360.56              | 362.04              | 361.95              | 3.54            | 3.54        | 152.32                | -73.35                            | -2.85      | 73.99                | 66.91                 | 7.07                    | 10.460 CC, ES     |                    |         |
| 400.00                | 399.98              | 401.75              | 401.58              | 3.60            | 3.61        | 150.88                | -72.62                            | -0.44      | 74.16                | 66.95                 | 7.21                    | 10.285            |                    |         |
| 500.00                | 499.84              | 502.28              | 501.72              | 3.81            | 3.82        | 146.46                | -70.06                            | 8.01       | 76.25                | 68.63                 | 7.63                    | 9.998             |                    |         |
| 550.00                | 549.68              | 552.41              | 551.53              | 3.93            | 3.95        | 143.95                | -68.41                            | 13.48      | 78.27                | 70.39                 | 7.87                    | 9.942             |                    |         |
| 600.00                | 599.45              | 602.46              | 601.13              | 4.06            | 4.08        | 139.09                | -66.50                            | 19.77      | 80.89                | 72.76                 | 8.14                    | 9.943             |                    |         |
| 700.00                | 698.71              | 702.27              | 699.70              | 4.33            | 4.41        | 131.26                | -61.95                            | 34.79      | 87.81                | 79.08                 | 8.73                    | 10.056            |                    |         |
| 800.00                | 797.49              | 801.70              | 797.31              | 4.64            | 4.78        | 125.12                | -56.47                            | 52.90      | 96.94                | 87.53                 | 9.42                    | 10.295            |                    |         |
| 900.00                | 895.68              | 900.99              | 894.61              | 4.97            | 5.21        | 121.46                | -50.73                            | 71.83      | 108.05               | 97.88                 | 10.17                   | 10.619            |                    |         |
| 1,000.00              | 993.14              | 1,000.18            | 991.81              | 5.33            | 5.66        | 120.05                | -45.00                            | 90.75      | 120.74               | 109.75                | 10.99                   | 10.984            |                    |         |
| 1,039.84              | 1,031.75            | 1,039.64            | 1,030.48            | 5.48            | 5.85        | 119.97                | -42.72                            | 98.28      | 126.21               | 114.87                | 11.33                   | 11.136            |                    |         |
| 1,100.00              | 1,089.94            | 1,100.81            | 1,088.83            | 5.72            | 6.15        | 120.51                | -39.28                            | 109.64     | 134.65               | 122.78                | 11.87                   | 11.347            |                    |         |
| 1,200.00              | 1,186.67            | 1,201.82            | 1,185.84            | 6.13            | 6.66        | 121.28                | -33.56                            | 128.52     | 148.70               | 135.92                | 12.78                   | 11.635            |                    |         |
| 1,300.00              | 1,283.39            | 1,302.83            | 1,282.84            | 6.55            | 7.19        | 121.92                | -27.84                            | 147.40     | 162.77               | 149.05                | 13.73                   | 11.859            |                    |         |
| 1,400.00              | 1,380.12            | 1,403.84            | 1,379.85            | 6.99            | 7.73        | 122.45                | -22.12                            | 166.28     | 176.86               | 162.17                | 14.70                   | 12.035            |                    |         |
| 1,500.00              | 1,476.85            | 1,504.85            | 1,476.85            | 7.45            | 8.28        | 122.91                | -16.40                            | 185.16     | 190.97               | 175.28                | 15.69                   | 12.175            |                    |         |
| 1,600.00              | 1,573.57            | 1,594.14            | 1,573.85            | 7.90            | 8.77        | 123.30                | -10.68                            | 204.04     | 205.08               | 188.45                | 16.63                   | 12.334            |                    |         |
| 1,700.00              | 1,670.30            | 1,706.87            | 1,670.86            | 8.37            | 9.40        | 123.64                | -4.96                             | 222.92     | 219.20               | 201.49                | 17.71                   | 12.375            |                    |         |
| 1,800.00              | 1,767.03            | 1,807.88            | 1,767.86            | 8.85            | 9.97        | 123.94                | 0.76                              | 241.80     | 233.33               | 214.58                | 18.74                   | 12.448            |                    |         |
| 1,900.00              | 1,863.75            | 1,908.89            | 1,864.87            | 9.32            | 10.54       | 124.21                | 6.48                              | 260.68     | 247.46               | 227.68                | 19.79                   | 12.507            |                    |         |
| 2,000.00              | 1,960.48            | 2,009.90            | 1,961.87            | 9.81            | 11.12       | 124.45                | 12.20                             | 279.56     | 261.60               | 240.76                | 20.84                   | 12.556            |                    |         |
| 2,100.00              | 2,057.21            | 2,089.09            | 2,058.88            | 10.29           | 11.58       | 124.66                | 17.91                             | 298.44     | 275.74               | 253.98                | 21.77                   | 12.668            |                    |         |
| 2,200.00              | 2,153.93            | 2,188.08            | 2,155.88            | 10.78           | 12.15       | 124.85                | 23.63                             | 317.32     | 289.89               | 267.07                | 22.82                   | 12.705            |                    |         |
| 2,300.00              | 2,250.66            | 2,287.07            | 2,252.88            | 11.28           | 12.72       | 125.03                | 29.35                             | 336.20     | 304.04               | 280.16                | 23.87                   | 12.736            |                    |         |
| 2,400.00              | 2,347.39            | 2,386.06            | 2,349.89            | 11.77           | 13.30       | 125.18                | 35.07                             | 355.08     | 318.19               | 293.25                | 24.93                   | 12.762            |                    |         |
| 2,500.00              | 2,444.11            | 2,485.05            | 2,446.89            | 12.27           | 13.88       | 125.33                | 40.79                             | 373.96     | 332.34               | 306.34                | 26.00                   | 12.784            |                    |         |
| 2,600.00              | 2,540.84            | 2,584.04            | 2,543.90            | 12.77           | 14.46       | 125.46                | 46.51                             | 392.84     | 346.49               | 319.43                | 27.06                   | 12.803            |                    |         |
| 2,700.00              | 2,637.57            | 2,683.03            | 2,640.90            | 13.27           | 15.04       | 125.59                | 52.23                             | 411.72     | 360.65               | 332.52                | 28.13                   | 12.819            |                    |         |
| 2,800.00              | 2,734.30            | 2,782.02            | 2,737.91            | 13.78           | 15.63       | 125.70                | 57.95                             | 430.60     | 374.81               | 345.60                | 29.21                   | 12.832            |                    |         |
| 2,900.00              | 2,831.02            | 2,881.01            | 2,834.91            | 14.28           | 16.21       | 125.81                | 63.67                             | 449.48     | 388.97               | 358.68                | 30.28                   | 12.844            |                    |         |
| 3,000.00              | 2,927.75            | 2,980.00            | 2,931.91            | 14.79           | 16.80       | 125.90                | 69.39                             | 468.36     | 403.13               | 371.77                | 31.36                   | 12.854            |                    |         |
| 3,100.00              | 3,024.48            | 3,078.99            | 3,028.92            | 15.29           | 17.38       | 126.00                | 75.11                             | 487.24     | 417.29               | 384.85                | 32.44                   | 12.862            |                    |         |
| 3,200.00              | 3,121.20            | 3,177.98            | 3,125.92            | 15.80           | 17.97       | 126.08                | 80.83                             | 506.13     | 431.45               | 397.93                | 33.53                   | 12.869            |                    |         |
| 3,300.00              | 3,217.93            | 3,276.97            | 3,222.93            | 16.31           | 18.56       | 126.16                | 86.55                             | 525.01     | 445.62               | 411.01                | 34.61                   | 12.876            |                    |         |
| 3,400.00              | 3,314.66            | 3,375.96            | 3,319.93            | 16.82           | 19.15       | 126.24                | 92.26                             | 543.89     | 459.78               | 424.09                | 35.69                   | 12.881            |                    |         |
| 3,500.00              | 3,411.38            | 3,474.95            | 3,416.94            | 17.33           | 19.74       | 126.31                | 97.98                             | 562.77     | 473.95               | 437.17                | 36.78                   | 12.886            |                    |         |
| 3,600.00              | 3,508.11            | 3,573.94            | 3,513.94            | 17.84           | 20.33       | 126.37                | 103.70                            | 581.65     | 488.11               | 450.24                | 37.87                   | 12.889            |                    |         |
| 3,700.00              | 3,604.84            | 3,672.93            | 3,610.95            | 18.36           | 20.92       | 126.44                | 109.42                            | 600.53     | 502.28               | 463.32                | 38.96                   | 12.893            |                    |         |
| 3,800.00              | 3,701.56            | 3,771.92            | 3,707.95            | 18.87           | 21.51       | 126.50                | 115.14                            | 619.41     | 516.45               | 476.40                | 40.05                   | 12.896            |                    |         |
| 3,900.00              | 3,798.29            | 3,870.91            | 3,804.95            | 19.38           | 22.10       | 126.55                | 120.86                            | 638.29     | 530.62               | 489.48                | 41.14                   | 12.898            |                    |         |
| 4,000.00              | 3,895.02            | 3,969.90            | 3,901.96            | 19.89           | 22.69       | 126.60                | 126.58                            | 657.17     | 544.78               | 502.55                | 42.23                   | 12.900            |                    |         |
| 4,100.00              | 3,991.74            | 4,068.89            | 3,998.96            | 20.41           | 23.28       | 126.66                | 132.30                            | 676.05     | 558.95               | 515.63                | 43.32                   | 12.902            |                    |         |
| 4,200.00              | 4,088.47            | 4,167.88            | 4,095.97            | 20.92           | 23.88       | 126.70                | 138.02                            | 694.93     | 573.12               | 528.70                | 44.42                   | 12.903            |                    |         |
| 4,300.00              | 4,185.20            | 4,266.87            | 4,192.97            | 21.44           | 24.47       | 126.75                | 143.74                            | 713.81     | 587.29               | 541.78                | 45.51                   | 12.904            |                    |         |
| 4,400.00              | 4,281.92            | 4,365.86            | 4,289.98            | 21.95           | 25.06       | 126.79                | 149.46                            | 732.69     | 601.46               | 554.85                | 46.61                   | 12.905            |                    |         |
| 4,500.00              | 4,378.65            | 4,464.85            | 4,386.98            | 22.47           | 25.66       | 126.83                | 155.18                            | 751.57     | 615.63               | 567.93                | 47.70                   | 12.906            |                    |         |
| 4,600.00              | 4,475.38            | 4,563.00            | 4,483.26            | 22.99           | 26.23       | 126.92                | 160.70                            | 769.79     | 629.84               | 581.06                | 48.78                   | 12.913            |                    |         |
| 4,700.00              | 4,572.10            | 4,660.31            | 4,579.26            | 23.50           | 26.77       | 127.27                | 165.31                            | 785.03     | 644.27               | 594.47                | 49.80                   | 12.938            |                    |         |
| 4,800.00              | 4,668.83            | 4,757.17            | 4,675.30            | 24.02           | 27.25       | 127.90                | 168.97                            | 797.09     | 659.01               | 608.25                | 50.76                   | 12.983            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design         |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference             |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00              | 4,765.56            | 4,853.38            | 4,771.05            | 24.53           | 27.69       | 128.77                | 171.66                            | 805.99     | 674.15               | 622.49                | 51.66                   | 13.049            |                    |         |
| 5,000.00              | 4,862.28            | 4,948.72            | 4,866.19            | 25.05           | 28.08       | 129.86                | 173.41                            | 811.77     | 689.84               | 637.34                | 52.50                   | 13.140            |                    |         |
| 5,100.00              | 4,959.01            | 5,042.99            | 4,960.42            | 25.57           | 28.43       | 131.14                | 174.24                            | 814.50     | 706.23               | 652.96                | 53.27                   | 13.257            |                    |         |
| 5,200.00              | 5,055.74            | 5,138.32            | 5,055.74            | 26.09           | 28.75       | 132.58                | 174.32                            | 814.76     | 723.43               | 669.42                | 54.01                   | 13.395            |                    |         |
| 5,300.00              | 5,152.46            | 5,235.04            | 5,152.46            | 26.60           | 29.07       | 134.00                | 174.32                            | 814.76     | 741.13               | 686.39                | 54.74                   | 13.538            |                    |         |
| 5,400.00              | 5,249.19            | 5,331.77            | 5,249.19            | 27.12           | 29.39       | 135.36                | 174.32                            | 814.76     | 759.27               | 703.80                | 55.48                   | 13.686            |                    |         |
| 5,500.00              | 5,345.92            | 5,428.50            | 5,345.92            | 27.64           | 29.71       | 136.65                | 174.32                            | 814.76     | 777.82               | 721.61                | 56.22                   | 13.836            |                    |         |
| 5,600.00              | 5,442.65            | 5,525.22            | 5,442.65            | 28.16           | 30.04       | 137.89                | 174.32                            | 814.76     | 796.74               | 739.79                | 56.95                   | 13.989            |                    |         |
| 5,700.00              | 5,539.37            | 5,621.95            | 5,539.37            | 28.68           | 30.37       | 139.06                | 174.32                            | 814.76     | 816.02               | 758.33                | 57.69                   | 14.144            |                    |         |
| 5,800.00              | 5,636.10            | 5,718.68            | 5,636.10            | 29.20           | 30.70       | 140.19                | 174.32                            | 814.76     | 835.62               | 777.18                | 58.43                   | 14.300            |                    |         |
| 5,900.00              | 5,732.83            | 5,815.40            | 5,732.83            | 29.71           | 31.03       | 141.26                | 174.32                            | 814.76     | 855.52               | 796.34                | 59.18                   | 14.457            |                    |         |
| 6,000.00              | 5,829.55            | 5,912.13            | 5,829.55            | 30.23           | 31.37       | 142.29                | 174.32                            | 814.76     | 875.71               | 815.78                | 59.92                   | 14.613            |                    |         |
| 6,100.00              | 5,926.28            | 6,008.86            | 5,926.28            | 30.75           | 31.71       | 143.27                | 174.32                            | 814.76     | 896.16               | 835.48                | 60.68                   | 14.770            |                    |         |
| 6,200.00              | 6,023.01            | 6,105.58            | 6,023.01            | 31.27           | 32.05       | 144.21                | 174.32                            | 814.76     | 916.85               | 855.42                | 61.43                   | 14.925            |                    |         |
| 6,300.00              | 6,119.73            | 6,202.31            | 6,119.73            | 31.79           | 32.39       | 145.11                | 174.32                            | 814.76     | 937.78               | 875.59                | 62.19                   | 15.080            |                    |         |
| 6,397.75              | 6,214.28            | 6,303.14            | 6,214.28            | 32.30           | 32.75       | 145.94                | 174.32                            | 814.76     | 958.44               | 895.49                | 62.95                   | 15.225            |                    |         |
| 6,400.00              | 6,216.46            | 6,300.96            | 6,216.46            | 32.31           | 32.74       | 146.60                | 174.32                            | 814.76     | 958.92               | 895.97                | 62.95                   | 15.232            |                    |         |
| 6,450.00              | 6,265.12            | 6,347.70            | 6,265.12            | 32.56           | 32.91       | 163.91                | 174.32                            | 814.76     | 969.29               | 905.96                | 63.33                   | 15.305            |                    |         |
| 6,500.00              | 6,314.12            | 6,403.30            | 6,314.12            | 32.78           | 33.11       | -173.69               | 174.32                            | 814.76     | 979.12               | 915.37                | 63.75                   | 15.359            |                    |         |
| 6,550.00              | 6,363.16            | 6,445.74            | 6,363.16            | 32.99           | 33.26       | -150.78               | 174.32                            | 814.76     | 988.35               | 924.22                | 64.13                   | 15.411            |                    |         |
| 6,600.00              | 6,411.94            | 6,491.09            | 6,408.51            | 33.18           | 33.42       | -132.81               | 174.31                            | 814.58     | 996.97               | 932.47                | 64.50                   | 15.456            |                    |         |
| 6,650.00              | 6,460.15            | 6,530.92            | 6,448.27            | 33.35           | 33.54       | -120.45               | 174.22                            | 812.40     | 1,005.32             | 940.52                | 64.80                   | 15.514            |                    |         |
| 6,700.00              | 6,507.49            | 6,571.04            | 6,488.10            | 33.52           | 33.64       | -112.13               | 174.03                            | 807.69     | 1,013.44             | 948.35                | 65.09                   | 15.570            |                    |         |
| 6,750.00              | 6,553.69            | 6,611.50            | 6,527.90            | 33.69           | 33.73       | -106.37               | 173.73                            | 800.41     | 1,021.29             | 955.91                | 65.38                   | 15.621            |                    |         |
| 6,800.00              | 6,598.44            | 6,652.35            | 6,567.53            | 33.85           | 33.80       | -102.25               | 173.33                            | 790.51     | 1,028.86             | 963.18                | 65.68                   | 15.666            |                    |         |
| 6,850.00              | 6,641.47            | 6,693.65            | 6,606.86            | 34.02           | 33.87       | -99.22                | 172.82                            | 777.95     | 1,036.10             | 970.12                | 65.98                   | 15.704            |                    |         |
| 6,900.00              | 6,682.53            | 6,735.46            | 6,645.76            | 34.19           | 33.92       | -96.95                | 172.20                            | 762.66     | 1,042.99             | 976.69                | 66.30                   | 15.732            |                    |         |
| 6,950.00              | 6,721.35            | 6,777.83            | 6,684.07            | 34.38           | 33.96       | -95.23                | 171.46                            | 744.60     | 1,049.51             | 982.87                | 66.64                   | 15.749            |                    |         |
| 7,000.00              | 6,757.70            | 6,820.82            | 6,721.63            | 34.57           | 34.00       | -93.93                | 170.61                            | 723.72     | 1,055.62             | 988.61                | 67.01                   | 15.753            |                    |         |
| 7,050.00              | 6,791.35            | 6,864.49            | 6,758.25            | 34.79           | 34.04       | -92.96                | 169.64                            | 699.96     | 1,061.31             | 993.89                | 67.42                   | 15.743            |                    |         |
| 7,100.00              | 6,822.10            | 6,908.92            | 6,793.74            | 35.03           | 34.09       | -92.27                | 168.55                            | 673.27     | 1,066.55             | 998.68                | 67.87                   | 15.716            |                    |         |
| 7,150.00              | 6,849.75            | 6,954.15            | 6,827.87            | 35.30           | 34.14       | -91.81                | 167.34                            | 643.63     | 1,071.32             | 1,002.95              | 68.37                   | 15.670            |                    |         |
| 7,200.00              | 6,874.14            | 7,000.28            | 6,860.42            | 35.61           | 34.20       | -91.54                | 166.01                            | 610.99     | 1,075.60             | 1,006.68              | 68.92                   | 15.606            |                    |         |
| 7,250.00              | 6,895.11            | 7,047.36            | 6,891.11            | 35.95           | 34.29       | -91.45                | 164.56                            | 575.33     | 1,079.38             | 1,009.83              | 69.54                   | 15.521            |                    |         |
| 7,300.00              | 6,912.54            | 7,095.46            | 6,919.66            | 36.34           | 34.42       | -91.52                | 162.99                            | 536.66     | 1,082.63             | 1,012.40              | 70.24                   | 15.414            |                    |         |
| 7,350.00              | 6,926.31            | 7,144.65            | 6,945.75            | 36.77           | 34.58       | -91.74                | 161.29                            | 495.00     | 1,085.34             | 1,014.34              | 71.00                   | 15.286            |                    |         |
| 7,400.00              | 6,936.35            | 7,195.01            | 6,969.04            | 37.25           | 34.80       | -92.10                | 159.47                            | 450.41     | 1,087.49             | 1,015.65              | 71.84                   | 15.137            |                    |         |
| 7,450.00              | 6,942.59            | 7,246.59            | 6,989.16            | 37.76           | 35.08       | -92.59                | 157.54                            | 402.97     | 1,089.06             | 1,016.30              | 72.76                   | 14.967            |                    |         |
| 7,500.00              | 6,944.99            | 7,299.46            | 7,005.73            | 38.31           | 35.42       | -93.20                | 155.49                            | 352.82     | 1,090.04             | 1,016.28              | 73.76                   | 14.778            |                    |         |
| 7,512.10              | 6,945.00            | 7,312.46            | 7,009.16            | 38.44           | 35.52       | -93.37                | 154.98                            | 340.30     | 1,090.19             | 1,016.17              | 74.02                   | 14.728            |                    |         |
| 7,600.00              | 6,944.19            | 7,410.35            | 7,026.67            | 39.51           | 36.36       | -94.33                | 151.07                            | 244.16     | 1,090.84             | 1,014.80              | 76.04                   | 14.346            |                    |         |
| 7,700.00              | 6,943.28            | 7,520.06            | 7,029.55            | 40.90           | 37.55       | -94.54                | 146.60                            | 134.66     | 1,090.56             | 1,011.89              | 78.67                   | 13.863            |                    |         |
| 7,800.00              | 6,942.37            | 7,620.06            | 7,028.32            | 42.44           | 38.88       | -94.53                | 142.53                            | 34.75      | 1,089.99             | 1,008.41              | 81.58                   | 13.362            |                    |         |
| 7,900.00              | 6,941.46            | 7,720.06            | 7,027.09            | 44.11           | 40.44       | -94.51                | 138.46                            | -65.16     | 1,089.42             | 1,004.58              | 84.84                   | 12.841            |                    |         |
| 8,000.00              | 6,940.55            | 7,820.05            | 7,025.85            | 45.90           | 42.21       | -94.50                | 134.39                            | -165.06    | 1,088.85             | 1,000.44              | 88.41                   | 12.316            |                    |         |
| 8,100.00              | 6,939.64            | 7,920.05            | 7,024.62            | 47.80           | 44.16       | -94.48                | 130.32                            | -264.97    | 1,088.28             | 996.02                | 92.26                   | 11.796            |                    |         |
| 8,200.00              | 6,938.72            | 8,020.05            | 7,023.39            | 49.79           | 46.27       | -94.47                | 126.25                            | -364.88    | 1,087.71             | 991.36                | 96.35                   | 11.289            |                    |         |
| 8,300.00              | 6,937.81            | 8,120.05            | 7,022.15            | 51.86           | 48.51       | -94.45                | 122.17                            | -464.79    | 1,087.14             | 986.48                | 100.66                  | 10.800            |                    |         |
| 8,400.00              | 6,936.90            | 8,220.05            | 7,020.92            | 54.01           | 50.87       | -94.44                | 118.10                            | -564.69    | 1,086.57             | 981.42                | 105.15                  | 10.333            |                    |         |
| 8,500.00              | 6,935.99            | 8,320.04            | 7,019.69            | 56.21           | 53.33       | -94.42                | 114.03                            | -664.60    | 1,086.00             | 976.20                | 109.81                  | 9.890             |                    |         |
| 8,600.00              | 6,935.08            | 8,420.04            | 7,018.45            | 58.47           | 55.88       | -94.41                | 109.96                            | -764.51    | 1,085.43             | 970.83                | 114.60                  | 9.471             |                    |         |
| 8,700.00              | 6,934.17            | 8,520.04            | 7,017.22            | 60.78           | 58.51       | -94.39                | 105.89                            | -864.42    | 1,084.86             | 965.34                | 119.53                  | 9.076             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design         |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference             |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00              | 6,933.25            | 8,620.04            | 7,015.98            | 63.13           | 61.20       | -94.38                | 101.82                            | -964.32    | 1,084.30             | 959.74                | 124.56                  | 8.705             |                    |         |
| 8,900.00              | 6,932.34            | 8,720.04            | 7,014.75            | 65.52           | 63.95       | -94.36                | 97.75                             | -1,064.23  | 1,083.73             | 954.04                | 129.69                  | 8.356             |                    |         |
| 9,000.00              | 6,931.43            | 8,820.03            | 7,013.52            | 67.95           | 66.76       | -94.35                | 93.67                             | -1,164.14  | 1,083.16             | 948.26                | 134.90                  | 8.029             |                    |         |
| 9,100.00              | 6,930.52            | 8,920.03            | 7,012.28            | 70.40           | 69.61       | -94.33                | 89.60                             | -1,264.05  | 1,082.59             | 942.40                | 140.19                  | 7.722             |                    |         |
| 9,200.00              | 6,929.61            | 9,020.03            | 7,011.05            | 72.89           | 72.50       | -94.32                | 85.53                             | -1,363.95  | 1,082.02             | 936.47                | 145.55                  | 7.434             |                    |         |
| 9,300.00              | 6,928.69            | 9,120.03            | 7,009.82            | 75.40           | 75.42       | -94.31                | 81.46                             | -1,463.86  | 1,081.45             | 930.48                | 150.97                  | 7.163             |                    |         |
| 9,400.00              | 6,927.78            | 9,220.03            | 7,008.58            | 77.93           | 78.38       | -94.29                | 77.39                             | -1,563.77  | 1,080.88             | 924.44                | 156.44                  | 6.909             |                    |         |
| 9,500.00              | 6,926.87            | 9,320.02            | 7,007.35            | 80.48           | 81.36       | -94.28                | 73.32                             | -1,663.68  | 1,080.31             | 918.35                | 161.96                  | 6.670             |                    |         |
| 9,600.00              | 6,925.96            | 9,420.02            | 7,006.12            | 83.05           | 84.37       | -94.26                | 69.25                             | -1,763.58  | 1,079.75             | 912.22                | 167.53                  | 6.445             |                    |         |
| 9,700.00              | 6,925.05            | 9,520.02            | 7,004.88            | 85.64           | 87.40       | -94.25                | 65.18                             | -1,863.49  | 1,079.18             | 906.05                | 173.13                  | 6.233             |                    |         |
| 9,800.00              | 6,924.14            | 9,620.02            | 7,003.65            | 88.25           | 90.45       | -94.23                | 61.10                             | -1,963.40  | 1,078.61             | 899.84                | 178.77                  | 6.033             |                    |         |
| 9,900.00              | 6,923.22            | 9,720.02            | 7,002.41            | 90.86           | 93.52       | -94.22                | 57.03                             | -2,063.31  | 1,078.04             | 893.60                | 184.44                  | 5.845             |                    |         |
| 10,000.00             | 6,922.31            | 9,820.01            | 7,001.18            | 93.50           | 96.61       | -94.20                | 52.96                             | -2,163.21  | 1,077.47             | 887.33                | 190.14                  | 5.667             |                    |         |
| 10,100.00             | 6,921.40            | 9,920.01            | 6,999.95            | 96.14           | 99.71       | -94.19                | 48.89                             | -2,263.12  | 1,076.90             | 881.03                | 195.87                  | 5.498             |                    |         |
| 10,200.00             | 6,920.49            | 10,020.01           | 6,998.71            | 98.79           | 102.82      | -94.17                | 44.82                             | -2,363.03  | 1,076.34             | 874.71                | 201.63                  | 5.338             |                    |         |
| 10,300.00             | 6,919.58            | 10,120.01           | 6,997.48            | 101.45          | 105.95      | -94.16                | 40.75                             | -2,462.94  | 1,075.77             | 868.37                | 207.40                  | 5.187             |                    |         |
| 10,400.00             | 6,918.67            | 10,220.01           | 6,996.25            | 104.13          | 109.08      | -94.14                | 36.68                             | -2,562.84  | 1,075.20             | 862.00                | 213.20                  | 5.043             |                    |         |
| 10,500.00             | 6,917.75            | 10,320.00           | 6,995.01            | 106.81          | 112.23      | -94.13                | 32.60                             | -2,662.75  | 1,074.63             | 855.62                | 219.01                  | 4.907             |                    |         |
| 10,600.00             | 6,916.84            | 10,420.00           | 6,993.78            | 109.50          | 115.39      | -94.11                | 28.53                             | -2,762.66  | 1,074.07             | 849.22                | 224.85                  | 4.777             |                    |         |
| 10,700.00             | 6,915.93            | 10,520.00           | 6,992.55            | 112.19          | 118.55      | -94.10                | 24.46                             | -2,862.57  | 1,073.50             | 842.80                | 230.69                  | 4.653             |                    |         |
| 10,800.00             | 6,915.02            | 10,620.00           | 6,991.31            | 114.90          | 121.73      | -94.08                | 20.39                             | -2,962.47  | 1,072.93             | 836.37                | 236.56                  | 4.536             |                    |         |
| 10,900.00             | 6,914.11            | 10,720.00           | 6,990.08            | 117.61          | 124.91      | -94.07                | 16.32                             | -3,062.38  | 1,072.36             | 829.93                | 242.44                  | 4.423             |                    |         |
| 11,000.00             | 6,913.20            | 10,819.99           | 6,988.84            | 120.32          | 128.10      | -94.05                | 12.25                             | -3,162.29  | 1,071.80             | 823.47                | 248.33                  | 4.316             |                    |         |
| 11,100.00             | 6,912.28            | 10,919.99           | 6,987.61            | 123.04          | 131.29      | -94.04                | 8.18                              | -3,262.20  | 1,071.23             | 816.99                | 254.23                  | 4.214             |                    |         |
| 11,200.00             | 6,911.37            | 11,019.99           | 6,986.38            | 125.77          | 134.49      | -94.02                | 4.10                              | -3,362.10  | 1,070.66             | 810.51                | 260.15                  | 4.116             |                    |         |
| 11,300.00             | 6,910.46            | 11,119.99           | 6,985.14            | 128.50          | 137.70      | -94.01                | 0.03                              | -3,462.01  | 1,070.09             | 804.02                | 266.07                  | 4.022             |                    |         |
| 11,400.00             | 6,909.55            | 11,219.99           | 6,983.91            | 131.24          | 140.91      | -93.99                | -4.04                             | -3,561.92  | 1,069.53             | 797.52                | 272.01                  | 3.932             |                    |         |
| 11,500.00             | 6,908.64            | 11,319.98           | 6,982.68            | 133.98          | 144.12      | -93.97                | -8.11                             | -3,661.83  | 1,068.96             | 791.01                | 277.95                  | 3.846             |                    |         |
| 11,600.00             | 6,907.73            | 11,419.98           | 6,981.44            | 136.72          | 147.34      | -93.96                | -12.18                            | -3,761.73  | 1,068.39             | 784.48                | 283.91                  | 3.763             |                    |         |
| 11,700.00             | 6,906.81            | 11,519.98           | 6,980.21            | 139.47          | 150.57      | -93.94                | -16.25                            | -3,861.64  | 1,067.83             | 777.96                | 289.87                  | 3.684             |                    |         |
| 11,800.00             | 6,905.90            | 11,619.98           | 6,978.98            | 142.22          | 153.80      | -93.93                | -20.32                            | -3,961.55  | 1,067.26             | 771.42                | 295.84                  | 3.608             |                    |         |
| 11,900.00             | 6,904.99            | 11,719.98           | 6,977.74            | 144.97          | 157.03      | -93.91                | -24.40                            | -4,061.46  | 1,066.69             | 764.88                | 301.82                  | 3.534             |                    |         |
| 12,000.00             | 6,904.08            | 11,819.97           | 6,976.51            | 147.73          | 160.27      | -93.90                | -28.47                            | -4,161.36  | 1,066.13             | 758.33                | 307.80                  | 3.464             |                    |         |
| 12,100.00             | 6,903.17            | 11,919.97           | 6,975.27            | 150.49          | 163.50      | -93.88                | -32.54                            | -4,261.27  | 1,065.56             | 751.77                | 313.79                  | 3.396             |                    |         |
| 12,200.00             | 6,902.26            | 12,019.97           | 6,974.04            | 153.26          | 166.75      | -93.87                | -36.61                            | -4,361.18  | 1,064.99             | 745.21                | 319.79                  | 3.330             |                    |         |
| 12,300.00             | 6,901.34            | 12,119.97           | 6,972.81            | 156.02          | 169.99      | -93.85                | -40.68                            | -4,461.09  | 1,064.43             | 738.64                | 325.79                  | 3.267             |                    |         |
| 12,400.00             | 6,900.43            | 12,219.97           | 6,971.57            | 158.79          | 173.24      | -93.84                | -44.75                            | -4,560.99  | 1,063.86             | 732.07                | 331.79                  | 3.206             |                    |         |
| 12,500.00             | 6,899.52            | 12,319.96           | 6,970.34            | 161.56          | 176.49      | -93.82                | -48.82                            | -4,660.90  | 1,063.29             | 725.49                | 337.81                  | 3.148             |                    |         |
| 12,600.00             | 6,898.61            | 12,419.96           | 6,969.11            | 164.34          | 179.74      | -93.81                | -52.90                            | -4,760.81  | 1,062.73             | 718.90                | 343.82                  | 3.091             |                    |         |
| 12,700.00             | 6,897.70            | 12,519.96           | 6,967.87            | 167.11          | 183.00      | -93.79                | -56.97                            | -4,860.71  | 1,062.16             | 712.31                | 349.85                  | 3.036             |                    |         |
| 12,800.00             | 6,896.79            | 12,619.96           | 6,966.64            | 169.89          | 186.25      | -93.78                | -61.04                            | -4,960.62  | 1,061.60             | 705.72                | 355.87                  | 2.983             |                    |         |
| 12,900.00             | 6,895.87            | 12,719.96           | 6,965.41            | 172.67          | 189.51      | -93.76                | -65.11                            | -5,060.53  | 1,061.03             | 699.13                | 361.90                  | 2.932             |                    |         |
| 13,000.00             | 6,894.96            | 12,819.95           | 6,964.17            | 175.45          | 192.77      | -93.75                | -69.18                            | -5,160.44  | 1,060.46             | 692.52                | 367.94                  | 2.882             |                    |         |
| 13,100.00             | 6,894.05            | 12,919.95           | 6,962.94            | 178.23          | 196.04      | -93.73                | -73.25                            | -5,260.34  | 1,059.90             | 685.92                | 373.98                  | 2.834             |                    |         |
| 13,200.00             | 6,893.14            | 13,019.95           | 6,961.70            | 181.02          | 199.30      | -93.71                | -77.32                            | -5,360.25  | 1,059.33             | 679.31                | 380.02                  | 2.788             |                    |         |
| 13,300.00             | 6,892.23            | 13,119.95           | 6,960.47            | 183.80          | 202.57      | -93.70                | -81.40                            | -5,460.16  | 1,058.77             | 672.70                | 386.07                  | 2.742             |                    |         |
| 13,400.00             | 6,891.31            | 13,219.95           | 6,959.24            | 186.59          | 205.83      | -93.68                | -85.47                            | -5,560.07  | 1,058.20             | 666.09                | 392.11                  | 2.699             |                    |         |
| 13,500.00             | 6,890.40            | 13,319.94           | 6,958.00            | 189.38          | 209.10      | -93.67                | -89.54                            | -5,659.97  | 1,057.63             | 659.47                | 398.17                  | 2.656             |                    |         |
| 13,600.00             | 6,889.49            | 13,419.94           | 6,956.77            | 192.17          | 212.38      | -93.65                | -93.61                            | -5,759.88  | 1,057.07             | 652.85                | 404.22                  | 2.615             |                    |         |
| 13,700.00             | 6,888.58            | 13,519.94           | 6,955.54            | 194.97          | 215.65      | -93.64                | -97.68                            | -5,859.79  | 1,056.50             | 646.22                | 410.28                  | 2.575             |                    |         |
| 13,800.00             | 6,887.67            | 13,619.94           | 6,954.30            | 197.76          | 218.92      | -93.62                | -101.75                           | -5,959.70  | 1,055.94             | 639.60                | 416.34                  | 2.536             |                    |         |
| 13,900.00             | 6,886.76            | 13,719.94           | 6,953.07            | 200.56          | 222.20      | -93.61                | -105.82                           | -6,059.60  | 1,055.37             | 632.97                | 422.41                  | 2.498             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design         |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference             |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00             | 6,885.84            | 13,819.93           | 6,951.84            | 203.35          | 225.47      | -93.59                | -109.89                           | -6,159.51  | 1,054.81             | 626.34                | 428.47                  | 2.462             |                    |         |
| 14,100.00             | 6,884.93            | 13,919.93           | 6,950.60            | 206.15          | 228.75      | -93.57                | -113.97                           | -6,259.42  | 1,054.24             | 619.70                | 434.54                  | 2.426             |                    |         |
| 14,200.00             | 6,884.02            | 14,019.93           | 6,949.37            | 208.95          | 232.03      | -93.56                | -118.04                           | -6,359.33  | 1,053.68             | 613.06                | 440.61                  | 2.391             |                    |         |
| 14,300.00             | 6,883.11            | 14,119.93           | 6,948.13            | 211.75          | 235.31      | -93.54                | -122.11                           | -6,459.23  | 1,053.11             | 606.43                | 446.69                  | 2.358             |                    |         |
| 14,400.00             | 6,882.20            | 14,219.93           | 6,946.90            | 214.55          | 238.59      | -93.53                | -126.18                           | -6,559.14  | 1,052.55             | 599.79                | 452.76                  | 2.325             |                    |         |
| 14,500.00             | 6,881.29            | 14,319.92           | 6,945.67            | 217.35          | 241.87      | -93.51                | -130.25                           | -6,659.05  | 1,051.98             | 593.14                | 458.84                  | 2.293             |                    |         |
| 14,600.00             | 6,880.37            | 14,419.92           | 6,944.43            | 220.15          | 245.15      | -93.50                | -134.32                           | -6,758.96  | 1,051.42             | 586.50                | 464.92                  | 2.261             |                    |         |
| 14,700.00             | 6,879.46            | 14,519.92           | 6,943.20            | 222.95          | 248.44      | -93.48                | -138.39                           | -6,858.86  | 1,050.85             | 579.85                | 471.00                  | 2.231             |                    |         |
| 14,800.00             | 6,878.55            | 14,619.92           | 6,941.97            | 225.76          | 251.72      | -93.46                | -142.47                           | -6,958.77  | 1,050.29             | 573.20                | 477.09                  | 2.201             |                    |         |
| 14,900.00             | 6,877.64            | 14,719.92           | 6,940.73            | 228.56          | 255.01      | -93.45                | -146.54                           | -7,058.68  | 1,049.73             | 566.55                | 483.17                  | 2.173             |                    |         |
| 15,000.00             | 6,876.73            | 14,819.91           | 6,939.50            | 231.37          | 258.29      | -93.43                | -150.61                           | -7,158.59  | 1,049.16             | 559.90                | 489.26                  | 2.144             |                    |         |
| 15,100.00             | 6,875.82            | 14,919.91           | 6,938.27            | 234.18          | 261.58      | -93.42                | -154.68                           | -7,258.49  | 1,048.60             | 553.25                | 495.35                  | 2.117             |                    |         |
| 15,200.00             | 6,874.90            | 15,019.91           | 6,937.03            | 236.98          | 264.87      | -93.40                | -158.75                           | -7,358.40  | 1,048.03             | 546.59                | 501.44                  | 2.090             |                    |         |
| 15,300.00             | 6,873.99            | 15,119.91           | 6,935.80            | 239.79          | 268.15      | -93.39                | -162.82                           | -7,458.31  | 1,047.47             | 539.94                | 507.53                  | 2.064             |                    |         |
| 15,400.00             | 6,873.08            | 15,219.91           | 6,934.56            | 242.60          | 271.44      | -93.37                | -166.89                           | -7,558.22  | 1,046.90             | 533.28                | 513.63                  | 2.038             |                    |         |
| 15,500.00             | 6,872.17            | 15,319.90           | 6,933.33            | 245.41          | 274.73      | -93.35                | -170.97                           | -7,658.12  | 1,046.34             | 526.62                | 519.72                  | 2.013             |                    |         |
| 15,600.00             | 6,871.26            | 15,419.90           | 6,932.10            | 248.22          | 278.02      | -93.34                | -175.04                           | -7,758.03  | 1,045.78             | 519.96                | 525.82                  | 1.989             |                    |         |
| 15,700.00             | 6,870.35            | 15,519.90           | 6,930.86            | 251.03          | 281.31      | -93.32                | -179.11                           | -7,857.94  | 1,045.21             | 513.29                | 531.92                  | 1.965             |                    |         |
| 15,737.91             | 6,870.00            | 15,557.80           | 6,930.40            | 252.10          | 282.56      | -93.32                | -180.65                           | -7,895.81  | 1,045.00             | 510.77                | 534.23                  | 1.956             |                    |         |
| 15,738.53             | 6,869.99            | 15,558.43           | 6,930.39            | 252.11          | 282.58      | -93.32                | -180.68                           | -7,896.43  | 1,045.00             | 510.73                | 534.27                  | 1.956 SF          |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.46               | -149.36                           | -14.48     | 150.06               |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.46               | -149.36                           | -14.48     | 150.06               | 143.49                | 6.57                    | 22.843            |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.46               | -149.36                           | -14.48     | 150.06               | 143.39                | 6.67                    | 22.485            |                    |         |
| 300.00                     | 300.00              | 300.00              | 300.00              | 3.44            | 3.44        | -174.46               | -149.36                           | -14.48     | 150.06               | 143.17                | 6.89                    | 21.780 CC, ES     |                    |         |
| 400.00                     | 399.98              | 396.64              | 396.62              | 3.60            | 3.59        | 155.17                | -150.54                           | -13.34     | 152.75               | 145.55                | 7.20                    | 21.218            |                    |         |
| 500.00                     | 499.84              | 492.85              | 492.71              | 3.81            | 3.78        | 154.54                | -154.03                           | -9.97      | 160.79               | 153.19                | 7.60                    | 21.162            |                    |         |
| 550.00                     | 549.68              | 540.66              | 540.38              | 3.93            | 3.88        | 154.11                | -156.63                           | -7.46      | 166.82               | 158.99                | 7.83                    | 21.302            |                    |         |
| 600.00                     | 599.45              | 588.22              | 587.74              | 4.06            | 4.00        | 151.32                | -159.78                           | -4.41      | 174.13               | 166.05                | 8.08                    | 21.554            |                    |         |
| 700.00                     | 698.71              | 682.45              | 681.31              | 4.33            | 4.25        | 147.47                | -167.70                           | 3.23       | 192.38               | 183.76                | 8.62                    | 22.325            |                    |         |
| 800.00                     | 797.49              | 775.22              | 773.05              | 4.64            | 4.52        | 144.83                | -177.65                           | 12.84      | 215.39               | 206.18                | 9.21                    | 23.396            |                    |         |
| 900.00                     | 895.68              | 870.75              | 867.18              | 4.97            | 4.84        | 143.02                | -189.32                           | 24.11      | 242.31               | 232.48                | 9.84                    | 24.635            |                    |         |
| 1,000.00                   | 993.14              | 966.31              | 961.35              | 5.33            | 5.18        | 142.07                | -201.02                           | 35.41      | 271.73               | 261.23                | 10.50                   | 25.871            |                    |         |
| 1,039.84                   | 1,031.75            | 1,004.16            | 998.65              | 5.48            | 5.32        | 141.86                | -205.66                           | 39.89      | 284.13               | 273.35                | 10.78                   | 26.349            |                    |         |
| 1,100.00                   | 1,089.94            | 1,061.20            | 1,054.85            | 5.72            | 5.53        | 142.24                | -212.64                           | 46.63      | 303.16               | 291.95                | 11.21                   | 27.051            |                    |         |
| 1,200.00                   | 1,186.67            | 1,156.01            | 1,148.29            | 6.13            | 5.90        | 142.77                | -224.25                           | 57.84      | 334.81               | 322.88                | 11.93                   | 28.056            |                    |         |
| 1,300.00                   | 1,283.39            | 1,250.83            | 1,241.72            | 6.55            | 6.29        | 143.21                | -235.86                           | 69.05      | 366.49               | 353.80                | 12.69                   | 28.887            |                    |         |
| 1,400.00                   | 1,380.12            | 1,345.65            | 1,335.15            | 6.99            | 6.68        | 143.58                | -247.47                           | 80.26      | 398.18               | 384.72                | 13.46                   | 29.576            |                    |         |
| 1,500.00                   | 1,476.85            | 1,440.46            | 1,428.59            | 7.45            | 7.08        | 143.90                | -259.08                           | 91.47      | 429.88               | 415.63                | 14.26                   | 30.152            |                    |         |
| 1,600.00                   | 1,573.57            | 1,535.28            | 1,522.02            | 7.90            | 7.49        | 144.17                | -270.68                           | 102.68     | 461.60               | 446.53                | 15.07                   | 30.635            |                    |         |
| 1,700.00                   | 1,670.30            | 1,630.10            | 1,615.45            | 8.37            | 7.91        | 144.41                | -282.29                           | 113.89     | 493.32               | 477.43                | 15.89                   | 31.044            |                    |         |
| 1,800.00                   | 1,767.03            | 1,724.91            | 1,708.88            | 8.85            | 8.33        | 144.62                | -293.90                           | 125.11     | 525.05               | 508.32                | 16.73                   | 31.391            |                    |         |
| 1,900.00                   | 1,863.75            | 1,819.73            | 1,802.32            | 9.32            | 8.75        | 144.80                | -305.51                           | 136.32     | 556.78               | 539.21                | 17.57                   | 31.689            |                    |         |
| 2,000.00                   | 1,960.48            | 1,914.55            | 1,895.75            | 9.81            | 9.18        | 144.96                | -317.12                           | 147.53     | 588.52               | 570.10                | 18.42                   | 31.945            |                    |         |
| 2,100.00                   | 2,057.21            | 2,009.36            | 1,989.18            | 10.29           | 9.61        | 145.11                | -328.73                           | 158.74     | 620.26               | 600.98                | 19.28                   | 32.166            |                    |         |
| 2,200.00                   | 2,153.93            | 2,104.18            | 2,082.62            | 10.78           | 10.05       | 145.25                | -340.34                           | 169.95     | 652.01               | 631.86                | 20.15                   | 32.358            |                    |         |
| 2,300.00                   | 2,250.66            | 2,201.00            | 2,176.05            | 11.28           | 10.50       | 145.37                | -351.95                           | 181.16     | 683.76               | 662.73                | 21.03                   | 32.513            |                    |         |
| 2,400.00                   | 2,347.39            | 2,306.19            | 2,269.48            | 11.77           | 10.98       | 145.48                | -363.56                           | 192.37     | 715.51               | 693.56                | 21.95                   | 32.591            |                    |         |
| 2,500.00                   | 2,444.11            | 2,388.63            | 2,362.92            | 12.27           | 11.37       | 145.58                | -375.17                           | 203.58     | 747.27               | 724.49                | 22.78                   | 32.804            |                    |         |
| 2,600.00                   | 2,540.84            | 2,483.45            | 2,456.35            | 12.77           | 11.81       | 145.67                | -386.78                           | 214.79     | 779.02               | 755.36                | 23.66                   | 32.920            |                    |         |
| 2,700.00                   | 2,637.57            | 2,578.26            | 2,549.78            | 13.27           | 12.26       | 145.76                | -398.39                           | 226.00     | 810.78               | 786.23                | 24.55                   | 33.022            |                    |         |
| 2,800.00                   | 2,734.30            | 2,673.08            | 2,643.21            | 13.78           | 12.70       | 145.84                | -410.00                           | 237.21     | 842.54               | 817.09                | 25.44                   | 33.114            |                    |         |
| 2,900.00                   | 2,831.02            | 2,767.90            | 2,736.65            | 14.28           | 13.15       | 145.91                | -421.60                           | 248.42     | 874.30               | 847.96                | 26.34                   | 33.195            |                    |         |
| 3,000.00                   | 2,927.75            | 2,862.71            | 2,830.08            | 14.79           | 13.60       | 145.98                | -433.21                           | 259.64     | 906.06               | 878.83                | 27.23                   | 33.269            |                    |         |
| 3,100.00                   | 3,024.48            | 2,957.53            | 2,923.51            | 15.29           | 14.05       | 146.04                | -444.82                           | 270.85     | 937.82               | 909.69                | 28.13                   | 33.335            |                    |         |
| 3,200.00                   | 3,121.20            | 3,052.35            | 3,016.95            | 15.80           | 14.50       | 146.10                | -456.43                           | 282.06     | 969.59               | 940.55                | 29.03                   | 33.395            |                    |         |
| 3,300.00                   | 3,217.93            | 3,147.16            | 3,110.38            | 16.31           | 14.95       | 146.16                | -468.04                           | 293.27     | 1,001.35             | 971.41                | 29.94                   | 33.449            |                    |         |
| 3,400.00                   | 3,314.66            | 3,241.98            | 3,203.81            | 16.82           | 15.40       | 146.21                | -479.65                           | 304.48     | 1,033.12             | 1,002.27              | 30.84                   | 33.498            |                    |         |
| 3,500.00                   | 3,411.38            | 3,336.80            | 3,297.25            | 17.33           | 15.86       | 146.26                | -491.26                           | 315.69     | 1,064.88             | 1,033.13              | 31.75                   | 33.543            |                    |         |
| 3,600.00                   | 3,508.11            | 3,431.61            | 3,390.68            | 17.84           | 16.31       | 146.30                | -502.87                           | 326.90     | 1,096.65             | 1,063.99              | 32.65                   | 33.584            |                    |         |
| 3,700.00                   | 3,604.84            | 3,526.43            | 3,484.11            | 18.36           | 16.76       | 146.35                | -514.48                           | 338.11     | 1,128.42             | 1,094.85              | 33.56                   | 33.621            |                    |         |
| 3,800.00                   | 3,701.56            | 3,621.25            | 3,577.55            | 18.87           | 17.22       | 146.39                | -526.09                           | 349.32     | 1,160.18             | 1,125.71              | 34.47                   | 33.656            |                    |         |
| 3,900.00                   | 3,798.29            | 3,716.06            | 3,670.98            | 19.38           | 17.67       | 146.43                | -537.70                           | 360.53     | 1,191.95             | 1,156.57              | 35.38                   | 33.687            |                    |         |
| 4,000.00                   | 3,895.02            | 3,810.88            | 3,764.41            | 19.89           | 18.13       | 146.47                | -549.31                           | 371.74     | 1,223.72             | 1,187.43              | 36.29                   | 33.716            |                    |         |
| 4,100.00                   | 3,991.74            | 3,905.70            | 3,857.84            | 20.41           | 18.59       | 146.50                | -560.92                           | 382.96     | 1,255.49             | 1,218.28              | 37.21                   | 33.743            |                    |         |
| 4,200.00                   | 4,088.47            | 4,000.51            | 3,951.28            | 20.92           | 19.04       | 146.53                | -572.52                           | 394.17     | 1,287.26             | 1,249.14              | 38.12                   | 33.767            |                    |         |
| 4,300.00                   | 4,185.20            | 4,104.67            | 4,044.71            | 21.44           | 19.55       | 146.57                | -584.13                           | 405.38     | 1,319.03             | 1,279.95              | 39.08                   | 33.752            |                    |         |
| 4,400.00                   | 4,281.92            | 4,209.86            | 4,138.14            | 21.95           | 20.05       | 146.60                | -595.74                           | 416.59     | 1,350.80             | 1,310.76              | 40.04                   | 33.733            |                    |         |
| 4,500.00                   | 4,378.65            | 4,284.96            | 4,231.58            | 22.47           | 20.42       | 146.63                | -607.35                           | 427.80     | 1,382.57             | 1,341.70              | 40.87                   | 33.831            |                    |         |
| 4,600.00                   | 4,475.38            | 4,379.78            | 4,325.01            | 22.99           | 20.87       | 146.65                | -618.96                           | 439.01     | 1,414.34             | 1,372.56              | 41.78                   | 33.849            |                    |         |
| 4,700.00                   | 4,572.10            | 4,474.59            | 4,418.44            | 23.50           | 21.33       | 146.68                | -630.57                           | 450.22     | 1,446.11             | 1,403.41              | 42.70                   | 33.865            |                    |         |
| 4,800.00                   | 4,668.83            | 4,569.41            | 4,511.88            | 24.02           | 21.79       | 146.70                | -642.18                           | 461.43     | 1,477.88             | 1,434.26              | 43.62                   | 33.881            |                    |         |
| 4,900.00                   | 4,765.56            | 4,664.23            | 4,605.31            | 24.53           | 22.25       | 146.73                | -653.79                           | 472.64     | 1,509.66             | 1,465.12              | 44.54                   | 33.896            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                   | 4,862.28            | 4,759.04            | 4,698.74            | 25.05           | 22.71       | 146.75                | -665.40                           | 483.85     | 1,541.43             | 1,495.97              | 45.46                   | 33.909            |                    |         |
| 5,100.00                   | 4,959.01            | 4,853.86            | 4,792.18            | 25.57           | 23.17       | 146.77                | -677.01                           | 495.06     | 1,573.20             | 1,526.82              | 46.38                   | 33.922            |                    |         |
| 5,200.00                   | 5,055.74            | 4,948.68            | 4,885.61            | 26.09           | 23.63       | 146.80                | -688.62                           | 506.27     | 1,604.97             | 1,557.67              | 47.30                   | 33.934            |                    |         |
| 5,300.00                   | 5,152.46            | 5,043.49            | 4,979.04            | 26.60           | 24.09       | 146.82                | -700.23                           | 517.49     | 1,636.74             | 1,588.53              | 48.22                   | 33.945            |                    |         |
| 5,400.00                   | 5,249.19            | 5,138.31            | 5,072.47            | 27.12           | 24.55       | 146.84                | -711.83                           | 528.70     | 1,668.52             | 1,619.38              | 49.14                   | 33.955            |                    |         |
| 5,500.00                   | 5,345.92            | 5,233.13            | 5,165.91            | 27.64           | 25.01       | 146.86                | -723.44                           | 539.91     | 1,700.29             | 1,650.23              | 50.06                   | 33.965            |                    |         |
| 5,600.00                   | 5,442.65            | 5,327.94            | 5,259.34            | 28.16           | 25.47       | 146.87                | -735.05                           | 551.12     | 1,732.06             | 1,681.08              | 50.98                   | 33.974            |                    |         |
| 5,700.00                   | 5,539.37            | 5,422.76            | 5,352.77            | 28.68           | 25.93       | 146.89                | -746.66                           | 562.33     | 1,763.84             | 1,711.93              | 51.90                   | 33.982            |                    |         |
| 5,800.00                   | 5,636.10            | 5,517.58            | 5,446.21            | 29.20           | 26.39       | 146.91                | -758.27                           | 573.54     | 1,795.61             | 1,742.78              | 52.83                   | 33.990            |                    |         |
| 5,900.00                   | 5,732.83            | 5,612.39            | 5,539.64            | 29.71           | 26.85       | 146.93                | -769.88                           | 584.75     | 1,827.38             | 1,773.63              | 53.75                   | 33.997            |                    |         |
| 6,000.00                   | 5,829.55            | 5,707.21            | 5,633.07            | 30.23           | 27.31       | 146.94                | -781.49                           | 595.96     | 1,859.16             | 1,804.48              | 54.67                   | 34.004            |                    |         |
| 6,100.00                   | 5,926.28            | 5,802.03            | 5,726.51            | 30.75           | 27.77       | 146.96                | -793.10                           | 607.17     | 1,890.93             | 1,835.33              | 55.60                   | 34.011            |                    |         |
| 6,200.00                   | 6,023.01            | 5,903.16            | 5,819.94            | 31.27           | 28.26       | 146.97                | -804.71                           | 618.38     | 1,922.71             | 1,866.15              | 56.55                   | 33.999            |                    |         |
| 6,300.00                   | 6,119.73            | 6,008.34            | 5,913.37            | 31.79           | 28.77       | 146.99                | -816.32                           | 629.59     | 1,954.48             | 1,896.95              | 57.52                   | 33.976            |                    |         |
| 6,397.75                   | 6,214.28            | 6,084.34            | 6,004.70            | 32.30           | 29.14       | 147.00                | -827.67                           | 640.55     | 1,985.54             | 1,927.19              | 58.35                   | 34.028            |                    |         |
| 6,400.00                   | 6,216.46            | 6,086.48            | 6,006.81            | 32.31           | 29.15       | 147.66                | -827.93                           | 640.81     | 1,986.25             | 1,927.88              | 58.37                   | 34.028            |                    |         |
| 6,450.00                   | 6,265.12            | 6,133.94            | 6,053.57            | 32.56           | 29.38       | 165.14                | -833.74                           | 646.42     | 2,001.84             | 1,943.02              | 58.82                   | 34.031            |                    |         |
| 6,500.00                   | 6,314.12            | 6,181.28            | 6,100.22            | 32.78           | 29.61       | -172.19               | -839.53                           | 652.01     | 2,016.83             | 1,957.56              | 59.26                   | 34.031            |                    |         |
| 6,550.00                   | 6,363.16            | 6,228.21            | 6,146.47            | 32.99           | 29.84       | -148.89               | -845.28                           | 657.56     | 2,031.15             | 1,971.46              | 59.69                   | 34.029            |                    |         |
| 6,600.00                   | 6,411.94            | 6,274.45            | 6,192.04            | 33.18           | 30.07       | -130.47               | -850.94                           | 663.03     | 2,044.77             | 1,984.67              | 60.10                   | 34.022            |                    |         |
| 6,650.00                   | 6,460.15            | 6,319.71            | 6,236.64            | 33.35           | 30.29       | -117.78               | -856.48                           | 668.38     | 2,057.68             | 1,997.17              | 60.51                   | 34.008            |                    |         |
| 6,700.00                   | 6,507.49            | 6,363.71            | 6,280.00            | 33.52           | 30.50       | -109.21               | -861.87                           | 673.58     | 2,069.88             | 2,008.98              | 60.90                   | 33.987            |                    |         |
| 6,750.00                   | 6,553.69            | 6,406.18            | 6,321.85            | 33.69           | 30.71       | -103.27               | -867.07                           | 678.61     | 2,081.41             | 2,020.12              | 61.29                   | 33.958            |                    |         |
| 6,800.00                   | 6,598.44            | 6,446.86            | 6,361.93            | 33.85           | 30.90       | -99.02                | -872.05                           | 683.42     | 2,092.30             | 2,030.62              | 61.68                   | 33.922            |                    |         |
| 6,850.00                   | 6,641.47            | 6,485.49            | 6,400.00            | 34.02           | 31.09       | -95.88                | -876.78                           | 687.98     | 2,102.61             | 2,040.55              | 62.06                   | 33.879            |                    |         |
| 6,900.00                   | 6,682.53            | 6,521.84            | 6,435.82            | 34.19           | 31.27       | -93.50                | -881.23                           | 692.28     | 2,112.40             | 2,049.96              | 62.45                   | 33.828            |                    |         |
| 6,950.00                   | 6,721.35            | 6,555.69            | 6,469.17            | 34.38           | 31.43       | -91.66                | -885.38                           | 696.28     | 2,121.75             | 2,058.92              | 62.83                   | 33.769            |                    |         |
| 7,000.00                   | 6,757.70            | 6,586.82            | 6,499.84            | 34.57           | 31.59       | -90.19                | -889.19                           | 699.96     | 2,130.71             | 2,067.49              | 63.22                   | 33.701            |                    |         |
| 7,050.00                   | 6,791.35            | 6,612.74            | 6,525.46            | 34.79           | 31.71       | -88.93                | -892.39                           | 702.32     | 2,139.40             | 2,075.79              | 63.60                   | 33.637            |                    |         |
| 7,100.00                   | 6,822.10            | 6,639.52            | 6,551.99            | 35.03           | 31.83       | -87.93                | -895.72                           | 703.65     | 2,147.82             | 2,083.79              | 64.03                   | 33.545            |                    |         |
| 7,150.00                   | 6,849.75            | 6,666.72            | 6,578.97            | 35.30           | 31.95       | -87.15                | -899.14                           | 703.86     | 2,155.98             | 2,091.47              | 64.50                   | 33.425            |                    |         |
| 7,200.00                   | 6,874.14            | 6,694.46            | 6,606.47            | 35.61           | 32.06       | -86.54                | -902.65                           | 702.88     | 2,163.88             | 2,098.85              | 65.03                   | 33.276            |                    |         |
| 7,250.00                   | 6,895.11            | 6,722.89            | 6,634.58            | 35.95           | 32.17       | -86.10                | -906.27                           | 700.62     | 2,171.52             | 2,105.92              | 65.61                   | 33.100            |                    |         |
| 7,300.00                   | 6,912.54            | 6,752.22            | 6,663.43            | 36.34           | 32.27       | -85.80                | -910.01                           | 696.96     | 2,178.92             | 2,112.68              | 66.24                   | 32.894            |                    |         |
| 7,350.00                   | 6,926.31            | 6,782.75            | 6,693.26            | 36.77           | 32.38       | -85.64                | -913.91                           | 691.74     | 2,186.08             | 2,119.15              | 66.93                   | 32.664            |                    |         |
| 7,400.00                   | 6,936.35            | 6,814.91            | 6,724.36            | 37.25           | 32.49       | -85.63                | -918.02                           | 684.68     | 2,193.00             | 2,125.34              | 67.66                   | 32.412            |                    |         |
| 7,450.00                   | 6,942.59            | 6,849.39            | 6,757.27            | 37.76           | 32.60       | -85.77                | -922.40                           | 675.37     | 2,199.70             | 2,131.26              | 68.44                   | 32.141            |                    |         |
| 7,500.00                   | 6,944.99            | 6,887.31            | 6,792.81            | 38.31           | 32.72       | -86.08                | -927.18                           | 663.07     | 2,206.17             | 2,136.91              | 69.25                   | 31.856            |                    |         |
| 7,512.10                   | 6,945.00            | 6,897.19            | 6,801.95            | 38.44           | 32.76       | -86.19                | -928.42                           | 659.52     | 2,207.70             | 2,138.25              | 69.46                   | 31.785            |                    |         |
| 7,600.00                   | 6,944.19            | 6,999.62            | 6,892.94            | 39.51           | 33.07       | -88.59                | -940.96                           | 614.45     | 2,219.76             | 2,148.65              | 71.12                   | 31.213            |                    |         |
| 7,700.00                   | 6,943.28            | 7,700.00            | 7,065.47            | 40.90           | 35.97       | -93.10                | -966.24                           | 460.95     | 2,233.30             | 2,157.30              | 75.99                   | 29.388            |                    |         |
| 7,800.00                   | 6,942.37            | 7,705.35            | 7,199.51            | 42.44           | 37.42       | -96.62                | -992.75                           | 30.80      | 2,236.20             | 2,156.91              | 79.29                   | 28.202            |                    |         |
| 7,900.00                   | 6,941.46            | 7,705.39            | 7,197.70            | 44.11           | 38.70       | -96.60                | -994.72                           | -69.13     | 2,233.47             | 2,151.16              | 82.31                   | 27.135            |                    |         |
| 8,000.00                   | 6,940.55            | 7,705.43            | 7,195.88            | 45.90           | 40.15       | -96.59                | -996.70                           | -169.05    | 2,230.74             | 2,145.14              | 85.60                   | 26.061            |                    |         |
| 8,100.00                   | 6,939.64            | 8,005.47            | 7,194.06            | 47.80           | 41.76       | -96.57                | -998.67                           | -268.98    | 2,228.01             | 2,138.89              | 89.12                   | 24.999            |                    |         |
| 8,200.00                   | 6,938.72            | 8,105.51            | 7,192.25            | 49.79           | 43.50       | -96.56                | -1,000.65                         | -368.90    | 2,225.28             | 2,132.42              | 92.87                   | 23.962            |                    |         |
| 8,300.00                   | 6,937.81            | 8,205.55            | 7,190.43            | 51.86           | 45.36       | -96.54                | -1,002.63                         | -468.83    | 2,222.56             | 2,125.76              | 96.80                   | 22.961            |                    |         |
| 8,400.00                   | 6,936.90            | 8,305.59            | 7,188.62            | 54.01           | 47.32       | -96.53                | -1,004.60                         | -568.75    | 2,219.83             | 2,118.94              | 100.89                  | 22.002            |                    |         |
| 8,500.00                   | 6,935.99            | 8,405.63            | 7,186.80            | 56.21           | 49.37       | -96.51                | -1,006.58                         | -668.68    | 2,217.10             | 2,111.96              | 105.14                  | 21.088            |                    |         |
| 8,600.00                   | 6,935.08            | 8,505.67            | 7,184.98            | 58.47           | 51.49       | -96.50                | -1,008.55                         | -768.60    | 2,214.37             | 2,104.86              | 109.51                  | 20.221            |                    |         |
| 8,700.00                   | 6,934.17            | 8,605.71            | 7,183.17            | 60.78           | 53.68       | -96.48                | -1,010.53                         | -868.53    | 2,211.65             | 2,097.65              | 114.00                  | 19.401            |                    |         |
| 8,800.00                   | 6,933.25            | 8,705.74            | 7,181.35            | 63.13           | 55.94       | -96.47                | -1,012.50                         | -968.45    | 2,208.92             | 2,090.33              | 118.59                  | 18.627            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   | Warning            |         |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                   | 6,932.34            | 8,805.78            | 7,179.53            | 65.52           | 58.24       | -96.45                | -1,014.48                         | -1,068.38  | 2,206.19             | 2,082.93              | 123.26                  | 17.898            |                    |         |
| 9,000.00                   | 6,931.43            | 8,905.82            | 7,177.72            | 67.95           | 60.60       | -96.43                | -1,016.45                         | -1,168.30  | 2,203.47             | 2,075.44              | 128.02                  | 17.211            |                    |         |
| 9,100.00                   | 6,930.52            | 9,005.86            | 7,175.90            | 70.40           | 62.99       | -96.42                | -1,018.43                         | -1,268.23  | 2,200.74             | 2,067.89              | 132.85                  | 16.565            |                    |         |
| 9,200.00                   | 6,929.61            | 9,105.90            | 7,174.08            | 72.89           | 65.42       | -96.40                | -1,020.40                         | -1,368.15  | 2,198.01             | 2,060.27              | 137.75                  | 15.957            |                    |         |
| 9,300.00                   | 6,928.69            | 9,194.06            | 7,172.27            | 75.40           | 67.59       | -96.39                | -1,022.38                         | -1,468.08  | 2,195.29             | 2,052.88              | 142.41                  | 15.416            |                    |         |
| 9,400.00                   | 6,927.78            | 9,305.98            | 7,170.45            | 77.93           | 70.38       | -96.37                | -1,024.35                         | -1,568.00  | 2,192.56             | 2,044.86              | 147.70                  | 14.844            |                    |         |
| 9,500.00                   | 6,926.87            | 9,393.98            | 7,168.63            | 80.48           | 72.59       | -96.36                | -1,026.33                         | -1,667.93  | 2,189.84             | 2,037.39              | 152.45                  | 14.364            |                    |         |
| 9,600.00                   | 6,925.96            | 9,493.94            | 7,166.82            | 83.05           | 75.13       | -96.34                | -1,028.31                         | -1,767.85  | 2,187.11             | 2,029.57              | 157.54                  | 13.883            |                    |         |
| 9,700.00                   | 6,925.05            | 9,593.90            | 7,165.00            | 85.64           | 77.69       | -96.32                | -1,030.28                         | -1,867.78  | 2,184.39             | 2,021.72              | 162.66                  | 13.429            |                    |         |
| 9,800.00                   | 6,924.14            | 9,693.87            | 7,163.18            | 88.25           | 80.27       | -96.31                | -1,032.26                         | -1,967.70  | 2,181.66             | 2,013.84              | 167.82                  | 13.000            |                    |         |
| 9,900.00                   | 6,923.22            | 9,793.83            | 7,161.37            | 90.86           | 82.86       | -96.29                | -1,034.23                         | -2,067.63  | 2,178.94             | 2,005.92              | 173.01                  | 12.594            |                    |         |
| 10,000.00                  | 6,922.31            | 9,906.21            | 7,159.55            | 93.50           | 85.80       | -96.28                | -1,036.21                         | -2,167.55  | 2,176.21             | 1,997.65              | 178.56                  | 12.188            |                    |         |
| 10,100.00                  | 6,921.40            | 10,006.25           | 7,157.74            | 96.14           | 88.43       | -96.26                | -1,038.18                         | -2,267.48  | 2,173.49             | 1,989.68              | 183.81                  | 11.825            |                    |         |
| 10,200.00                  | 6,920.49            | 10,106.29           | 7,155.92            | 98.79           | 91.08       | -96.24                | -1,040.16                         | -2,367.40  | 2,170.76             | 1,981.68              | 189.08                  | 11.481            |                    |         |
| 10,300.00                  | 6,919.58            | 10,206.33           | 7,154.10            | 101.45          | 93.73       | -96.23                | -1,042.13                         | -2,467.33  | 2,168.04             | 1,973.66              | 194.38                  | 11.154            |                    |         |
| 10,400.00                  | 6,918.67            | 10,306.37           | 7,152.29            | 104.13          | 96.40       | -96.21                | -1,044.11                         | -2,567.25  | 2,165.31             | 1,965.62              | 199.70                  | 10.843            |                    |         |
| 10,500.00                  | 6,917.75            | 10,406.41           | 7,150.47            | 106.81          | 99.08       | -96.19                | -1,046.08                         | -2,667.18  | 2,162.59             | 1,957.56              | 205.03                  | 10.548            |                    |         |
| 10,600.00                  | 6,916.84            | 10,506.45           | 7,148.65            | 109.50          | 101.76      | -96.18                | -1,048.06                         | -2,767.10  | 2,159.86             | 1,949.48              | 210.39                  | 10.266            |                    |         |
| 10,700.00                  | 6,915.93            | 10,606.49           | 7,146.84            | 112.19          | 104.46      | -96.16                | -1,050.04                         | -2,867.03  | 2,157.14             | 1,941.39              | 215.76                  | 9.998             |                    |         |
| 10,800.00                  | 6,915.02            | 10,706.52           | 7,145.02            | 114.90          | 107.16      | -96.15                | -1,052.01                         | -2,966.95  | 2,154.42             | 1,933.28              | 221.14                  | 9.742             |                    |         |
| 10,900.00                  | 6,914.11            | 10,793.44           | 7,143.20            | 117.61          | 109.51      | -96.13                | -1,053.99                         | -3,066.88  | 2,151.69             | 1,925.51              | 226.18                  | 9.513             |                    |         |
| 11,000.00                  | 6,913.20            | 10,906.60           | 7,141.39            | 120.32          | 112.59      | -96.11                | -1,055.96                         | -3,166.80  | 2,148.97             | 1,917.02              | 231.95                  | 9.265             |                    |         |
| 11,100.00                  | 6,912.28            | 11,006.64           | 7,139.57            | 123.04          | 115.31      | -96.10                | -1,057.94                         | -3,266.73  | 2,146.25             | 1,908.87              | 237.37                  | 9.042             |                    |         |
| 11,200.00                  | 6,911.37            | 11,093.32           | 7,137.75            | 125.77          | 117.68      | -96.08                | -1,059.91                         | -3,366.65  | 2,143.53             | 1,901.08              | 242.45                  | 8.841             |                    |         |
| 11,300.00                  | 6,910.46            | 11,206.72           | 7,135.94            | 128.50          | 120.78      | -96.06                | -1,061.89                         | -3,466.58  | 2,140.80             | 1,892.55              | 248.25                  | 8.623             |                    |         |
| 11,400.00                  | 6,909.55            | 11,306.76           | 7,134.12            | 131.24          | 123.52      | -96.05                | -1,063.86                         | -3,566.50  | 2,138.08             | 1,884.37              | 253.71                  | 8.427             |                    |         |
| 11,500.00                  | 6,908.64            | 11,406.80           | 7,132.30            | 133.98          | 126.26      | -96.03                | -1,065.84                         | -3,666.43  | 2,135.36             | 1,876.18              | 259.17                  | 8.239             |                    |         |
| 11,600.00                  | 6,907.73            | 11,493.16           | 7,130.49            | 136.72          | 128.63      | -96.01                | -1,067.81                         | -3,766.35  | 2,132.64             | 1,868.36              | 264.27                  | 8.070             |                    |         |
| 11,700.00                  | 6,906.81            | 11,606.88           | 7,128.67            | 139.47          | 131.76      | -96.00                | -1,069.79                         | -3,866.28  | 2,129.91             | 1,859.78              | 270.13                  | 7.885             |                    |         |
| 11,800.00                  | 6,905.90            | 11,706.91           | 7,126.86            | 142.22          | 134.52      | -95.98                | -1,071.76                         | -3,966.20  | 2,127.19             | 1,851.57              | 275.62                  | 7.718             |                    |         |
| 11,900.00                  | 6,904.99            | 11,806.95           | 7,125.04            | 144.97          | 137.28      | -95.96                | -1,073.74                         | -4,066.13  | 2,124.47             | 1,843.35              | 281.12                  | 7.557             |                    |         |
| 12,000.00                  | 6,904.08            | 11,906.99           | 7,123.22            | 147.73          | 140.05      | -95.95                | -1,075.72                         | -4,166.05  | 2,121.75             | 1,835.13              | 286.62                  | 7.403             |                    |         |
| 12,100.00                  | 6,903.17            | 12,007.03           | 7,121.41            | 150.49          | 142.82      | -95.93                | -1,077.69                         | -4,265.97  | 2,119.03             | 1,826.90              | 292.13                  | 7.254             |                    |         |
| 12,200.00                  | 6,902.26            | 12,107.07           | 7,119.59            | 153.26          | 145.59      | -95.91                | -1,079.67                         | -4,365.90  | 2,116.31             | 1,818.66              | 297.65                  | 7.110             |                    |         |
| 12,300.00                  | 6,901.34            | 12,207.11           | 7,117.77            | 156.02          | 148.36      | -95.89                | -1,081.64                         | -4,465.82  | 2,113.59             | 1,810.42              | 303.17                  | 6.972             |                    |         |
| 12,400.00                  | 6,900.43            | 12,292.85           | 7,115.96            | 158.79          | 150.74      | -95.88                | -1,083.62                         | -4,565.75  | 2,110.87             | 1,802.56              | 308.30                  | 6.847             |                    |         |
| 12,500.00                  | 6,899.52            | 12,407.19           | 7,114.14            | 161.56          | 153.92      | -95.86                | -1,085.59                         | -4,665.67  | 2,108.15             | 1,793.91              | 314.23                  | 6.709             |                    |         |
| 12,600.00                  | 6,898.61            | 12,507.23           | 7,112.32            | 164.34          | 156.70      | -95.84                | -1,087.57                         | -4,765.60  | 2,105.43             | 1,785.66              | 319.77                  | 6.584             |                    |         |
| 12,700.00                  | 6,897.70            | 12,607.27           | 7,110.51            | 167.11          | 159.49      | -95.83                | -1,089.54                         | -4,865.52  | 2,102.71             | 1,777.39              | 325.31                  | 6.464             |                    |         |
| 12,800.00                  | 6,896.79            | 12,707.30           | 7,108.69            | 169.89          | 162.27      | -95.81                | -1,091.52                         | -4,965.45  | 2,099.99             | 1,769.12              | 330.86                  | 6.347             |                    |         |
| 12,900.00                  | 6,895.87            | 12,807.34           | 7,106.87            | 172.67          | 165.06      | -95.79                | -1,093.49                         | -5,065.37  | 2,097.27             | 1,760.85              | 336.41                  | 6.234             |                    |         |
| 13,000.00                  | 6,894.96            | 12,907.38           | 7,105.06            | 175.45          | 167.85      | -95.77                | -1,095.47                         | -5,165.30  | 2,094.55             | 1,752.58              | 341.97                  | 6.125             |                    |         |
| 13,100.00                  | 6,894.05            | 13,007.42           | 7,103.24            | 178.23          | 170.65      | -95.76                | -1,097.44                         | -5,265.22  | 2,091.83             | 1,744.30              | 347.53                  | 6.019             |                    |         |
| 13,200.00                  | 6,893.14            | 13,107.46           | 7,101.42            | 181.02          | 173.44      | -95.74                | -1,099.42                         | -5,365.15  | 2,089.11             | 1,736.01              | 353.09                  | 5.917             |                    |         |
| 13,300.00                  | 6,892.23            | 13,207.50           | 7,099.61            | 183.80          | 176.24      | -95.72                | -1,101.40                         | -5,465.07  | 2,086.39             | 1,727.73              | 358.66                  | 5.817             |                    |         |
| 13,400.00                  | 6,891.31            | 13,292.46           | 7,097.79            | 186.59          | 178.61      | -95.70                | -1,103.37                         | -5,565.00  | 2,083.67             | 1,719.86              | 363.81                  | 5.727             |                    |         |
| 13,500.00                  | 6,890.40            | 13,407.58           | 7,095.98            | 189.38          | 181.83      | -95.69                | -1,105.35                         | -5,664.92  | 2,080.95             | 1,711.15              | 369.81                  | 5.627             |                    |         |
| 13,600.00                  | 6,889.49            | 13,507.62           | 7,094.16            | 192.17          | 184.64      | -95.67                | -1,107.32                         | -5,764.85  | 2,078.23             | 1,702.85              | 375.38                  | 5.536             |                    |         |
| 13,700.00                  | 6,888.58            | 13,607.66           | 7,092.34            | 194.97          | 187.44      | -95.65                | -1,109.30                         | -5,864.77  | 2,075.52             | 1,694.55              | 380.97                  | 5.448             |                    |         |
| 13,800.00                  | 6,887.67            | 13,707.69           | 7,090.53            | 197.76          | 190.24      | -95.63                | -1,111.27                         | -5,964.70  | 2,072.80             | 1,686.25              | 386.55                  | 5.362             |                    |         |
| 13,900.00                  | 6,886.76            | 13,807.73           | 7,088.71            | 200.56          | 193.05      | -95.62                | -1,113.25                         | -6,064.62  | 2,070.08             | 1,677.94              | 392.14                  | 5.279             |                    |         |
| 14,000.00                  | 6,885.84            | 13,907.77           | 7,086.89            | 203.35          | 195.85      | -95.60                | -1,115.22                         | -6,164.55  | 2,067.36             | 1,669.64              | 397.72                  | 5.198             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,100.00                  | 6,884.93            | 13,992.19           | 7,085.08            | 206.15          | 198.22      | -95.58                | -1,117.20                         | -6,264.47  | 2,064.65             | 1,661.77              | 402.88                  | 5.125             |                    |         |
| 14,200.00                  | 6,884.02            | 14,107.85           | 7,083.26            | 208.95          | 201.47      | -95.56                | -1,119.17                         | -6,364.40  | 2,061.93             | 1,653.02              | 408.91                  | 5.042             |                    |         |
| 14,300.00                  | 6,883.11            | 14,207.89           | 7,081.44            | 211.75          | 204.28      | -95.54                | -1,121.15                         | -6,464.32  | 2,059.21             | 1,644.70              | 414.51                  | 4.968             |                    |         |
| 14,400.00                  | 6,882.20            | 14,292.07           | 7,079.63            | 214.55          | 206.65      | -95.53                | -1,123.12                         | -6,564.25  | 2,056.49             | 1,636.83              | 419.66                  | 4.900             |                    |         |
| 14,500.00                  | 6,881.29            | 14,407.97           | 7,077.81            | 217.35          | 209.90      | -95.51                | -1,125.10                         | -6,664.17  | 2,053.78             | 1,628.07              | 425.71                  | 4.824             |                    |         |
| 14,600.00                  | 6,880.37            | 14,508.01           | 7,075.99            | 220.15          | 212.72      | -95.49                | -1,127.08                         | -6,764.10  | 2,051.06             | 1,619.75              | 431.31                  | 4.755             |                    |         |
| 14,700.00                  | 6,879.46            | 14,608.05           | 7,074.18            | 222.95          | 215.53      | -95.47                | -1,129.05                         | -6,864.02  | 2,048.35             | 1,611.43              | 436.92                  | 4.688             |                    |         |
| 14,800.00                  | 6,878.55            | 14,691.92           | 7,072.36            | 225.76          | 217.89      | -95.45                | -1,131.03                         | -6,963.95  | 2,045.63             | 1,603.56              | 442.07                  | 4.627             |                    |         |
| 14,900.00                  | 6,877.64            | 14,808.12           | 7,070.54            | 228.56          | 221.16      | -95.43                | -1,133.00                         | -7,063.87  | 2,042.91             | 1,594.78              | 448.14                  | 4.559             |                    |         |
| 15,000.00                  | 6,876.73            | 14,908.16           | 7,068.73            | 231.37          | 223.98      | -95.42                | -1,134.98                         | -7,163.80  | 2,040.20             | 1,586.45              | 453.75                  | 4.496             |                    |         |
| 15,100.00                  | 6,875.82            | 15,008.20           | 7,066.91            | 234.18          | 226.80      | -95.40                | -1,136.95                         | -7,263.72  | 2,037.48             | 1,578.12              | 459.36                  | 4.435             |                    |         |
| 15,200.00                  | 6,874.90            | 15,108.24           | 7,065.10            | 236.98          | 229.61      | -95.38                | -1,138.93                         | -7,363.65  | 2,034.77             | 1,569.79              | 464.98                  | 4.376             |                    |         |
| 15,300.00                  | 6,873.99            | 15,208.28           | 7,063.28            | 239.79          | 232.43      | -95.36                | -1,140.90                         | -7,463.57  | 2,032.05             | 1,561.46              | 470.59                  | 4.318             |                    |         |
| 15,400.00                  | 6,873.08            | 15,291.68           | 7,061.46            | 242.60          | 234.78      | -95.34                | -1,142.88                         | -7,563.50  | 2,029.34             | 1,553.59              | 475.75                  | 4.266             |                    |         |
| 15,500.00                  | 6,872.17            | 15,408.36           | 7,059.65            | 245.41          | 238.07      | -95.32                | -1,144.85                         | -7,663.42  | 2,026.62             | 1,544.79              | 481.83                  | 4.206             |                    |         |
| 15,600.00                  | 6,871.26            | 15,508.40           | 7,057.83            | 248.22          | 240.90      | -95.31                | -1,146.83                         | -7,763.35  | 2,023.91             | 1,536.45              | 487.46                  | 4.152             |                    |         |
| 15,700.00                  | 6,870.35            | 15,591.56           | 7,056.01            | 251.03          | 243.24      | -95.29                | -1,148.81                         | -7,863.27  | 2,021.20             | 1,528.59              | 492.61                  | 4.103             |                    |         |
| 15,737.91                  | 6,870.00            | 15,629.45           | 7,055.32            | 252.10          | 244.31      | -95.28                | -1,149.55                         | -7,901.15  | 2,020.17             | 1,525.43              | 494.74                  | 4.083             |                    |         |
| 15,738.53                  | 6,869.99            | 15,630.08           | 7,055.31            | 252.11          | 244.33      | -95.28                | -1,149.57                         | -7,901.77  | 2,020.15             | 1,525.38              | 494.77                  | 4.083 SF          |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.44               | -134.43                           | -13.08     | 135.06               |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.44               | -134.43                           | -13.08     | 135.06               | 128.49                | 6.57                    | 20.559            |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.44               | -134.43                           | -13.08     | 135.06               | 128.39                | 6.67                    | 20.237            |                    |         |
| 300.00                     | 300.00              | 300.00              | 300.00              | 3.44            | 3.44        | -174.44               | -134.43                           | -13.08     | 135.06               | 128.17                | 6.89                    | 19.603 CC, ES     |                    |         |
| 400.00                     | 399.98              | 397.33              | 397.31              | 3.60            | 3.59        | 155.12                | -135.49                           | -11.82     | 137.61               | 130.41                | 7.20                    | 19.115            |                    |         |
| 500.00                     | 499.84              | 494.26              | 494.11              | 3.81            | 3.78        | 154.30                | -138.67                           | -8.05      | 145.28               | 137.68                | 7.60                    | 19.118            |                    |         |
| 550.00                     | 549.68              | 542.45              | 542.16              | 3.93            | 3.89        | 153.74                | -141.03                           | -5.24      | 151.03               | 143.20                | 7.83                    | 19.284            |                    |         |
| 600.00                     | 599.45              | 590.40              | 589.90              | 4.06            | 4.00        | 150.81                | -143.90                           | -1.83      | 158.00               | 149.92                | 8.08                    | 19.556            |                    |         |
| 700.00                     | 698.71              | 685.48              | 684.31              | 4.33            | 4.26        | 146.68                | -151.11                           | 6.72       | 175.42               | 166.80                | 8.62                    | 20.351            |                    |         |
| 800.00                     | 797.49              | 779.21              | 776.98              | 4.64            | 4.54        | 143.77                | -160.18                           | 17.50      | 197.41               | 188.20                | 9.21                    | 21.428            |                    |         |
| 900.00                     | 895.68              | 875.61              | 872.00              | 4.97            | 4.86        | 141.80                | -170.64                           | 29.92      | 223.01               | 213.16                | 9.85                    | 22.644            |                    |         |
| 1,000.00                   | 993.14              | 971.60              | 966.61              | 5.33            | 5.20        | 140.79                | -181.06                           | 42.29      | 251.04               | 240.52                | 10.52                   | 23.856            |                    |         |
| 1,039.84                   | 1,031.75            | 1,009.63            | 1,004.10            | 5.48            | 5.34        | 140.58                | -185.19                           | 47.20      | 262.88               | 252.08                | 10.81                   | 24.327            |                    |         |
| 1,100.00                   | 1,089.94            | 1,066.95            | 1,060.61            | 5.72            | 5.56        | 140.95                | -191.41                           | 54.58      | 281.05               | 269.82                | 11.23                   | 25.017            |                    |         |
| 1,200.00                   | 1,186.67            | 1,162.24            | 1,154.53            | 6.13            | 5.93        | 141.47                | -201.75                           | 66.86      | 311.27               | 299.31                | 11.97                   | 26.007            |                    |         |
| 1,300.00                   | 1,283.39            | 1,257.53            | 1,248.46            | 6.55            | 6.32        | 141.89                | -212.09                           | 79.14      | 341.52               | 328.79                | 12.73                   | 26.828            |                    |         |
| 1,400.00                   | 1,380.12            | 1,352.82            | 1,342.39            | 6.99            | 6.71        | 142.25                | -222.43                           | 91.43      | 371.77               | 358.26                | 13.51                   | 27.512            |                    |         |
| 1,500.00                   | 1,476.85            | 1,448.11            | 1,436.31            | 7.45            | 7.12        | 142.55                | -232.77                           | 103.71     | 402.04               | 387.73                | 14.32                   | 28.084            |                    |         |
| 1,600.00                   | 1,573.57            | 1,543.40            | 1,530.24            | 7.90            | 7.53        | 142.81                | -243.12                           | 115.99     | 432.32               | 417.18                | 15.13                   | 28.568            |                    |         |
| 1,700.00                   | 1,670.30            | 1,638.69            | 1,624.17            | 8.37            | 7.94        | 143.03                | -253.46                           | 128.27     | 462.60               | 446.64                | 15.96                   | 28.978            |                    |         |
| 1,800.00                   | 1,767.03            | 1,733.98            | 1,718.10            | 8.85            | 8.37        | 143.23                | -263.80                           | 140.55     | 492.89               | 476.08                | 16.81                   | 29.328            |                    |         |
| 1,900.00                   | 1,863.75            | 1,829.27            | 1,812.02            | 9.32            | 8.79        | 143.41                | -274.14                           | 152.83     | 523.18               | 505.53                | 17.66                   | 29.629            |                    |         |
| 2,000.00                   | 1,960.48            | 1,924.55            | 1,905.95            | 9.81            | 9.22        | 143.56                | -284.48                           | 165.11     | 553.48               | 534.97                | 18.52                   | 29.889            |                    |         |
| 2,100.00                   | 2,057.21            | 2,019.84            | 1,999.88            | 10.29           | 9.66        | 143.70                | -294.82                           | 177.39     | 583.78               | 564.40                | 19.38                   | 30.116            |                    |         |
| 2,200.00                   | 2,153.93            | 2,115.13            | 2,093.80            | 10.78           | 10.09       | 143.83                | -305.16                           | 189.67     | 614.09               | 593.83                | 20.26                   | 30.313            |                    |         |
| 2,300.00                   | 2,250.66            | 2,210.42            | 2,187.73            | 11.28           | 10.53       | 143.94                | -315.51                           | 201.95     | 644.40               | 623.26                | 21.14                   | 30.487            |                    |         |
| 2,400.00                   | 2,347.39            | 2,305.71            | 2,281.66            | 11.77           | 10.97       | 144.05                | -325.85                           | 214.24     | 674.70               | 652.68                | 22.02                   | 30.640            |                    |         |
| 2,500.00                   | 2,444.11            | 2,401.00            | 2,375.59            | 12.27           | 11.42       | 144.14                | -336.19                           | 226.52     | 705.01               | 682.11                | 22.91                   | 30.775            |                    |         |
| 2,600.00                   | 2,540.84            | 2,503.71            | 2,469.51            | 12.77           | 11.90       | 144.23                | -346.53                           | 238.80     | 735.33               | 711.49                | 23.83                   | 30.852            |                    |         |
| 2,700.00                   | 2,637.57            | 2,608.42            | 2,563.44            | 13.27           | 12.39       | 144.31                | -356.87                           | 251.08     | 765.64               | 740.87                | 24.77                   | 30.907            |                    |         |
| 2,800.00                   | 2,734.30            | 2,686.87            | 2,657.37            | 13.78           | 12.76       | 144.38                | -367.21                           | 263.36     | 795.96               | 770.36                | 25.59                   | 31.100            |                    |         |
| 2,900.00                   | 2,831.02            | 2,782.16            | 2,751.29            | 14.28           | 13.21       | 144.45                | -377.56                           | 275.64     | 826.27               | 799.78                | 26.49                   | 31.187            |                    |         |
| 3,000.00                   | 2,927.75            | 2,877.45            | 2,845.22            | 14.79           | 13.66       | 144.52                | -387.90                           | 287.92     | 856.59               | 829.19                | 27.40                   | 31.266            |                    |         |
| 3,100.00                   | 3,024.48            | 2,972.74            | 2,939.15            | 15.29           | 14.11       | 144.58                | -398.24                           | 300.20     | 886.91               | 858.60                | 28.30                   | 31.337            |                    |         |
| 3,200.00                   | 3,121.20            | 3,068.03            | 3,033.07            | 15.80           | 14.56       | 144.63                | -408.58                           | 312.48     | 917.23               | 888.02                | 29.21                   | 31.401            |                    |         |
| 3,300.00                   | 3,217.93            | 3,163.32            | 3,127.00            | 16.31           | 15.01       | 144.68                | -418.92                           | 324.76     | 947.54               | 917.43                | 30.12                   | 31.460            |                    |         |
| 3,400.00                   | 3,314.66            | 3,258.61            | 3,220.93            | 16.82           | 15.47       | 144.73                | -429.26                           | 337.05     | 977.86               | 946.84                | 31.03                   | 31.514            |                    |         |
| 3,500.00                   | 3,411.38            | 3,353.90            | 3,314.86            | 17.33           | 15.92       | 144.78                | -439.61                           | 349.33     | 1,008.19             | 976.24                | 31.94                   | 31.563            |                    |         |
| 3,600.00                   | 3,508.11            | 3,449.19            | 3,408.78            | 17.84           | 16.38       | 144.82                | -449.95                           | 361.61     | 1,038.51             | 1,005.65              | 32.86                   | 31.608            |                    |         |
| 3,700.00                   | 3,604.84            | 3,544.48            | 3,502.71            | 18.36           | 16.83       | 144.86                | -460.29                           | 373.89     | 1,068.83             | 1,035.06              | 33.77                   | 31.650            |                    |         |
| 3,800.00                   | 3,701.56            | 3,639.76            | 3,596.64            | 18.87           | 17.29       | 144.90                | -470.63                           | 386.17     | 1,099.15             | 1,064.46              | 34.69                   | 31.688            |                    |         |
| 3,900.00                   | 3,798.29            | 3,735.05            | 3,690.56            | 19.38           | 17.74       | 144.94                | -480.97                           | 398.45     | 1,129.47             | 1,093.87              | 35.60                   | 31.723            |                    |         |
| 4,000.00                   | 3,895.02            | 3,830.34            | 3,784.49            | 19.89           | 18.20       | 144.97                | -491.31                           | 410.73     | 1,159.80             | 1,123.27              | 36.52                   | 31.756            |                    |         |
| 4,100.00                   | 3,991.74            | 3,925.63            | 3,878.42            | 20.41           | 18.66       | 145.00                | -501.65                           | 423.01     | 1,190.12             | 1,152.68              | 37.44                   | 31.786            |                    |         |
| 4,200.00                   | 4,088.47            | 4,020.92            | 3,972.35            | 20.92           | 19.12       | 145.04                | -512.00                           | 435.29     | 1,220.44             | 1,182.08              | 38.36                   | 31.814            |                    |         |
| 4,300.00                   | 4,185.20            | 4,116.21            | 4,066.27            | 21.44           | 19.58       | 145.07                | -522.34                           | 447.58     | 1,250.77             | 1,211.49              | 39.28                   | 31.840            |                    |         |
| 4,400.00                   | 4,281.92            | 4,211.50            | 4,160.20            | 21.95           | 20.03       | 145.09                | -532.68                           | 459.86     | 1,281.09             | 1,240.89              | 40.20                   | 31.864            |                    |         |
| 4,500.00                   | 4,378.65            | 4,306.79            | 4,254.13            | 22.47           | 20.49       | 145.12                | -543.02                           | 472.14     | 1,311.42             | 1,270.29              | 41.13                   | 31.887            |                    |         |
| 4,600.00                   | 4,475.38            | 4,402.08            | 4,348.05            | 22.99           | 20.95       | 145.15                | -553.36                           | 484.42     | 1,341.74             | 1,299.69              | 42.05                   | 31.908            |                    |         |
| 4,700.00                   | 4,572.10            | 4,497.37            | 4,441.98            | 23.50           | 21.41       | 145.17                | -563.70                           | 496.70     | 1,372.07             | 1,329.09              | 42.97                   | 31.928            |                    |         |
| 4,800.00                   | 4,668.83            | 4,607.34            | 4,535.91            | 24.02           | 21.94       | 145.19                | -574.05                           | 508.98     | 1,402.39             | 1,358.43              | 43.97                   | 31.896            |                    |         |
| 4,900.00                   | 4,765.56            | 4,687.95            | 4,629.84            | 24.53           | 22.33       | 145.22                | -584.39                           | 521.26     | 1,432.72             | 1,387.90              | 44.82                   | 31.964            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                   | 4,862.28            | 4,783.24            | 4,723.76            | 25.05           | 22.79       | 145.24                | -594.73                           | 533.54     | 1,463.04             | 1,417.30              | 45.75                   | 31.980            |                    |         |
| 5,100.00                   | 4,959.01            | 4,878.53            | 4,817.69            | 25.57           | 23.25       | 145.26                | -605.07                           | 545.82     | 1,493.37             | 1,446.70              | 46.67                   | 31.995            |                    |         |
| 5,200.00                   | 5,055.74            | 4,973.82            | 4,911.62            | 26.09           | 23.71       | 145.28                | -615.41                           | 558.10     | 1,523.70             | 1,476.10              | 47.60                   | 32.010            |                    |         |
| 5,300.00                   | 5,152.46            | 5,069.11            | 5,005.54            | 26.60           | 24.17       | 145.30                | -625.75                           | 570.39     | 1,554.02             | 1,505.49              | 48.53                   | 32.023            |                    |         |
| 5,400.00                   | 5,249.19            | 5,164.40            | 5,099.47            | 27.12           | 24.64       | 145.32                | -636.10                           | 582.67     | 1,584.35             | 1,534.89              | 49.46                   | 32.036            |                    |         |
| 5,500.00                   | 5,345.92            | 5,259.69            | 5,193.40            | 27.64           | 25.10       | 145.33                | -646.44                           | 594.95     | 1,614.68             | 1,564.29              | 50.38                   | 32.048            |                    |         |
| 5,600.00                   | 5,442.65            | 5,354.97            | 5,287.33            | 28.16           | 25.56       | 145.35                | -656.78                           | 607.23     | 1,645.00             | 1,593.69              | 51.31                   | 32.059            |                    |         |
| 5,700.00                   | 5,539.37            | 5,450.26            | 5,381.25            | 28.68           | 26.02       | 145.37                | -667.12                           | 619.51     | 1,675.33             | 1,623.09              | 52.24                   | 32.070            |                    |         |
| 5,800.00                   | 5,636.10            | 5,545.55            | 5,475.18            | 29.20           | 26.48       | 145.38                | -677.46                           | 631.79     | 1,705.66             | 1,652.49              | 53.17                   | 32.080            |                    |         |
| 5,900.00                   | 5,732.83            | 5,640.84            | 5,569.11            | 29.71           | 26.94       | 145.40                | -687.80                           | 644.07     | 1,735.98             | 1,681.89              | 54.10                   | 32.090            |                    |         |
| 6,000.00                   | 5,829.55            | 5,736.13            | 5,663.03            | 30.23           | 27.41       | 145.41                | -698.14                           | 656.35     | 1,766.31             | 1,711.28              | 55.03                   | 32.099            |                    |         |
| 6,100.00                   | 5,926.28            | 5,831.42            | 5,756.96            | 30.75           | 27.87       | 145.43                | -708.49                           | 668.63     | 1,796.64             | 1,740.68              | 55.96                   | 32.107            |                    |         |
| 6,200.00                   | 6,023.01            | 5,926.71            | 5,850.89            | 31.27           | 28.33       | 145.44                | -718.83                           | 680.91     | 1,826.96             | 1,770.08              | 56.89                   | 32.115            |                    |         |
| 6,300.00                   | 6,119.73            | 6,022.00            | 5,944.82            | 31.79           | 28.79       | 145.45                | -729.17                           | 693.20     | 1,857.29             | 1,799.47              | 57.82                   | 32.123            |                    |         |
| 6,397.75                   | 6,214.28            | 6,115.14            | 6,036.63            | 32.30           | 29.24       | 145.47                | -739.28                           | 705.20     | 1,886.94             | 1,828.21              | 58.73                   | 32.130            |                    |         |
| 6,400.00                   | 6,216.46            | 6,117.29            | 6,038.74            | 32.31           | 29.26       | 146.12                | -739.51                           | 705.48     | 1,887.62             | 1,828.87              | 58.75                   | 32.130            |                    |         |
| 6,450.00                   | 6,265.12            | 6,164.96            | 6,085.73            | 32.56           | 29.49       | 163.54                | -744.68                           | 711.62     | 1,902.54             | 1,843.33              | 59.21                   | 32.134            |                    |         |
| 6,500.00                   | 6,314.12            | 6,212.47            | 6,132.57            | 32.78           | 29.72       | -173.85               | -749.84                           | 717.74     | 1,916.95             | 1,857.31              | 59.65                   | 32.138            |                    |         |
| 6,550.00                   | 6,363.16            | 6,250.00            | 6,169.57            | 32.99           | 29.90       | -150.54               | -753.92                           | 722.48     | 1,930.85             | 1,870.87              | 59.98                   | 32.191            |                    |         |
| 6,600.00                   | 6,411.94            | 6,286.70            | 6,205.91            | 33.18           | 30.07       | -132.00               | -757.97                           | 725.50     | 1,944.42             | 1,884.13              | 60.29                   | 32.249            |                    |         |
| 6,650.00                   | 6,460.15            | 6,320.22            | 6,239.20            | 33.35           | 30.21       | -119.08               | -761.75                           | 726.41     | 1,957.66             | 1,897.10              | 60.57                   | 32.323            |                    |         |
| 6,700.00                   | 6,507.49            | 6,354.00            | 6,272.74            | 33.52           | 30.35       | -110.19               | -765.61                           | 725.55     | 1,970.50             | 1,909.67              | 60.84                   | 32.391            |                    |         |
| 6,750.00                   | 6,553.69            | 6,388.09            | 6,306.50            | 33.69           | 30.47       | -103.89               | -769.55                           | 722.86     | 1,982.89             | 1,921.78              | 61.11                   | 32.449            |                    |         |
| 6,800.00                   | 6,598.44            | 6,422.56            | 6,340.43            | 33.85           | 30.60       | -99.25                | -773.56                           | 718.30     | 1,994.76             | 1,933.37              | 61.39                   | 32.493            |                    |         |
| 6,850.00                   | 6,641.47            | 6,457.47            | 6,374.48            | 34.02           | 30.72       | -95.71                | -777.66                           | 711.81     | 2,006.08             | 1,944.39              | 61.69                   | 32.518            |                    |         |
| 6,900.00                   | 6,682.53            | 6,492.89            | 6,408.60            | 34.19           | 30.83       | -92.95                | -781.82                           | 703.31     | 2,016.78             | 1,954.77              | 62.01                   | 32.521            |                    |         |
| 6,950.00                   | 6,721.35            | 6,528.89            | 6,442.75            | 34.38           | 30.95       | -90.78                | -786.06                           | 692.73     | 2,026.84             | 1,964.47              | 62.37                   | 32.497            |                    |         |
| 7,000.00                   | 6,757.70            | 6,565.56            | 6,476.85            | 34.57           | 31.07       | -89.04                | -790.35                           | 679.97     | 2,036.20             | 1,973.44              | 62.76                   | 32.444            |                    |         |
| 7,050.00                   | 6,791.35            | 6,602.99            | 6,510.84            | 34.79           | 31.19       | -87.67                | -794.71                           | 664.93     | 2,044.84             | 1,981.64              | 63.19                   | 32.358            |                    |         |
| 7,100.00                   | 6,822.10            | 6,641.27            | 6,544.62            | 35.03           | 31.32       | -86.60                | -799.11                           | 647.49     | 2,052.72             | 1,989.04              | 63.68                   | 32.236            |                    |         |
| 7,150.00                   | 6,849.75            | 6,680.51            | 6,578.11            | 35.30           | 31.44       | -85.78                | -803.57                           | 627.52     | 2,059.81             | 1,995.59              | 64.22                   | 32.075            |                    |         |
| 7,200.00                   | 6,874.14            | 6,720.84            | 6,611.17            | 35.61           | 31.58       | -85.20                | -808.05                           | 604.88     | 2,066.09             | 2,001.27              | 64.82                   | 31.874            |                    |         |
| 7,250.00                   | 6,895.11            | 6,762.40            | 6,643.66            | 35.95           | 31.72       | -84.83                | -812.57                           | 579.38     | 2,071.54             | 2,006.05              | 65.49                   | 31.634            |                    |         |
| 7,300.00                   | 6,912.54            | 6,805.33            | 6,675.42            | 36.34           | 31.88       | -84.65                | -817.09                           | 550.86     | 2,076.13             | 2,009.91              | 66.22                   | 31.353            |                    |         |
| 7,350.00                   | 6,926.31            | 6,849.81            | 6,706.21            | 36.77           | 32.06       | -84.66                | -821.61                           | 519.10     | 2,079.86             | 2,012.84              | 67.02                   | 31.033            |                    |         |
| 7,400.00                   | 6,936.35            | 6,896.01            | 6,735.78            | 37.25           | 32.26       | -84.85                | -826.09                           | 483.89     | 2,082.70             | 2,014.80              | 67.90                   | 30.675            |                    |         |
| 7,450.00                   | 6,942.59            | 6,944.16            | 6,763.80            | 37.76           | 32.49       | -85.21                | -830.52                           | 445.00     | 2,084.64             | 2,015.80              | 68.84                   | 30.281            |                    |         |
| 7,500.00                   | 6,944.99            | 6,994.48            | 6,789.86            | 38.31           | 32.77       | -85.74                | -834.84                           | 402.19     | 2,085.68             | 2,015.81              | 69.86                   | 29.854            |                    |         |
| 7,512.10                   | 6,945.00            | 7,007.01            | 6,795.82            | 38.44           | 32.84       | -85.89                | -835.86                           | 391.22     | 2,085.79             | 2,015.67              | 70.12                   | 29.748            |                    |         |
| 7,600.00                   | 6,944.19            | 7,105.51            | 6,834.97            | 39.51           | 33.53       | -87.00                | -843.17                           | 301.23     | 2,086.43             | 2,014.24              | 72.19                   | 28.903            |                    |         |
| 7,700.00                   | 6,943.28            | 7,232.00            | 6,864.23            | 40.90           | 34.67       | -87.83                | -850.37                           | 178.60     | 2,086.57             | 2,011.59              | 74.98                   | 27.829            |                    |         |
| 7,800.00                   | 6,942.37            | 7,356.21            | 6,869.59            | 42.44           | 36.07       | -88.01                | -854.87                           | 54.74      | 2,085.37             | 2,007.33              | 78.04                   | 26.721            |                    |         |
| 7,900.00                   | 6,941.46            | 7,456.20            | 6,868.17            | 44.11           | 37.40       | -87.99                | -857.85                           | -45.20     | 2,083.75             | 2,002.63              | 81.12                   | 25.688            |                    |         |
| 8,000.00                   | 6,940.55            | 7,556.18            | 6,866.74            | 45.90           | 38.89       | -87.98                | -860.84                           | -145.13    | 2,082.13             | 1,997.68              | 84.46                   | 24.653            |                    |         |
| 8,100.00                   | 6,939.64            | 7,656.17            | 6,865.32            | 47.80           | 40.54       | -87.96                | -863.82                           | -245.06    | 2,080.52             | 1,992.48              | 88.04                   | 23.632            |                    |         |
| 8,200.00                   | 6,938.72            | 7,756.15            | 6,863.89            | 49.79           | 42.32       | -87.95                | -866.80                           | -344.99    | 2,078.90             | 1,987.07              | 91.83                   | 22.638            |                    |         |
| 8,300.00                   | 6,937.81            | 7,856.14            | 6,862.47            | 51.86           | 44.21       | -87.93                | -869.78                           | -444.92    | 2,077.28             | 1,981.47              | 95.81                   | 21.681            |                    |         |
| 8,400.00                   | 6,936.90            | 7,956.13            | 6,861.05            | 54.01           | 46.20       | -87.91                | -872.76                           | -544.85    | 2,075.66             | 1,975.70              | 99.96                   | 20.765            |                    |         |
| 8,500.00                   | 6,935.99            | 8,056.11            | 6,859.62            | 56.21           | 48.28       | -87.90                | -875.74                           | -644.78    | 2,074.05             | 1,969.79              | 104.25                  | 19.894            |                    |         |
| 8,600.00                   | 6,935.08            | 8,156.10            | 6,858.20            | 58.47           | 50.44       | -87.88                | -878.72                           | -744.71    | 2,072.43             | 1,963.75              | 108.68                  | 19.070            |                    |         |
| 8,700.00                   | 6,934.17            | 8,256.08            | 6,856.77            | 60.78           | 52.66       | -87.87                | -881.70                           | -844.64    | 2,070.81             | 1,957.60              | 113.21                  | 18.292            |                    |         |
| 8,800.00                   | 6,933.25            | 8,356.07            | 6,855.35            | 63.13           | 54.94       | -87.85                | -884.68                           | -944.57    | 2,069.20             | 1,951.35              | 117.85                  | 17.559            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                   | 6,932.34            | 8,456.05            | 6,853.93            | 65.52           | 57.27       | -87.83                | -887.66                           | -1,044.50  | 2,067.58             | 1,945.01              | 122.57                  | 16.869            |                    |         |
| 9,000.00                   | 6,931.43            | 8,556.04            | 6,852.50            | 67.95           | 59.65       | -87.82                | -890.64                           | -1,144.43  | 2,065.96             | 1,938.59              | 127.37                  | 16.220            |                    |         |
| 9,100.00                   | 6,930.52            | 8,656.02            | 6,851.08            | 70.40           | 62.07       | -87.80                | -893.62                           | -1,244.36  | 2,064.35             | 1,932.11              | 132.24                  | 15.611            |                    |         |
| 9,200.00                   | 6,929.61            | 8,756.01            | 6,849.65            | 72.89           | 64.52       | -87.79                | -896.60                           | -1,344.29  | 2,062.73             | 1,925.56              | 137.17                  | 15.037            |                    |         |
| 9,300.00                   | 6,928.69            | 8,855.99            | 6,848.23            | 75.40           | 67.00       | -87.77                | -899.58                           | -1,444.23  | 2,061.11             | 1,918.95              | 142.16                  | 14.498            |                    |         |
| 9,400.00                   | 6,927.78            | 8,955.98            | 6,846.81            | 77.93           | 69.51       | -87.75                | -902.56                           | -1,544.16  | 2,059.50             | 1,912.30              | 147.20                  | 13.991            |                    |         |
| 9,500.00                   | 6,926.87            | 9,055.96            | 6,845.38            | 80.48           | 72.04       | -87.74                | -905.54                           | -1,644.09  | 2,057.88             | 1,905.60              | 152.29                  | 13.513            |                    |         |
| 9,600.00                   | 6,925.96            | 9,155.95            | 6,843.96            | 83.05           | 74.60       | -87.72                | -908.52                           | -1,744.02  | 2,056.27             | 1,898.86              | 157.41                  | 13.063            |                    |         |
| 9,700.00                   | 6,925.05            | 9,255.93            | 6,842.53            | 85.64           | 77.18       | -87.71                | -911.50                           | -1,843.95  | 2,054.65             | 1,892.08              | 162.57                  | 12.638            |                    |         |
| 9,800.00                   | 6,924.14            | 9,355.92            | 6,841.11            | 88.25           | 79.78       | -87.69                | -914.48                           | -1,943.88  | 2,053.04             | 1,885.27              | 167.77                  | 12.238            |                    |         |
| 9,900.00                   | 6,923.22            | 9,455.90            | 6,839.68            | 90.86           | 82.39       | -87.67                | -917.46                           | -2,043.81  | 2,051.42             | 1,878.43              | 172.99                  | 11.859            |                    |         |
| 10,000.00                  | 6,922.31            | 9,555.89            | 6,838.26            | 93.50           | 85.01       | -87.66                | -920.45                           | -2,143.74  | 2,049.81             | 1,871.57              | 178.24                  | 11.500            |                    |         |
| 10,100.00                  | 6,921.40            | 9,655.87            | 6,836.84            | 96.14           | 87.66       | -87.64                | -923.43                           | -2,243.67  | 2,048.19             | 1,864.67              | 183.52                  | 11.161            |                    |         |
| 10,200.00                  | 6,920.49            | 9,755.86            | 6,835.41            | 98.79           | 90.31       | -87.63                | -926.41                           | -2,343.60  | 2,046.58             | 1,857.76              | 188.82                  | 10.839            |                    |         |
| 10,300.00                  | 6,919.58            | 9,855.85            | 6,833.99            | 101.45          | 92.97       | -87.61                | -929.39                           | -2,443.53  | 2,044.96             | 1,850.82              | 194.14                  | 10.533            |                    |         |
| 10,400.00                  | 6,918.67            | 9,955.83            | 6,832.56            | 104.13          | 95.65       | -87.59                | -932.37                           | -2,543.46  | 2,043.35             | 1,843.87              | 199.48                  | 10.243            |                    |         |
| 10,500.00                  | 6,917.75            | 10,055.82           | 6,831.14            | 106.81          | 98.33       | -87.58                | -935.35                           | -2,643.39  | 2,041.74             | 1,836.90              | 204.84                  | 9.968             |                    |         |
| 10,600.00                  | 6,916.84            | 10,155.80           | 6,829.72            | 109.50          | 101.02      | -87.56                | -938.33                           | -2,743.32  | 2,040.12             | 1,829.91              | 210.21                  | 9.705             |                    |         |
| 10,700.00                  | 6,915.93            | 10,255.79           | 6,828.29            | 112.19          | 103.73      | -87.54                | -941.31                           | -2,843.26  | 2,038.51             | 1,822.90              | 215.60                  | 9.455             |                    |         |
| 10,800.00                  | 6,915.02            | 10,355.77           | 6,826.87            | 114.90          | 106.43      | -87.53                | -944.29                           | -2,943.19  | 2,036.89             | 1,815.89              | 221.01                  | 9.216             |                    |         |
| 10,900.00                  | 6,914.11            | 10,455.76           | 6,825.44            | 117.61          | 109.15      | -87.51                | -947.27                           | -3,043.12  | 2,035.28             | 1,808.86              | 226.42                  | 8.989             |                    |         |
| 11,000.00                  | 6,913.20            | 10,555.74           | 6,824.02            | 120.32          | 111.87      | -87.49                | -950.25                           | -3,143.05  | 2,033.67             | 1,801.81              | 231.85                  | 8.771             |                    |         |
| 11,100.00                  | 6,912.28            | 10,655.73           | 6,822.60            | 123.04          | 114.60      | -87.48                | -953.23                           | -3,242.98  | 2,032.06             | 1,794.76              | 237.29                  | 8.563             |                    |         |
| 11,200.00                  | 6,911.37            | 10,755.71           | 6,821.17            | 125.77          | 117.33      | -87.46                | -956.21                           | -3,342.91  | 2,030.44             | 1,787.70              | 242.75                  | 8.364             |                    |         |
| 11,300.00                  | 6,910.46            | 10,855.70           | 6,819.75            | 128.50          | 120.07      | -87.45                | -959.19                           | -3,442.84  | 2,028.83             | 1,780.62              | 248.21                  | 8.174             |                    |         |
| 11,400.00                  | 6,909.55            | 10,955.68           | 6,818.32            | 131.24          | 122.81      | -87.43                | -962.17                           | -3,542.77  | 2,027.22             | 1,773.54              | 253.68                  | 7.991             |                    |         |
| 11,500.00                  | 6,908.64            | 11,055.67           | 6,816.90            | 133.98          | 125.56      | -87.41                | -965.15                           | -3,642.70  | 2,025.61             | 1,766.45              | 259.16                  | 7.816             |                    |         |
| 11,600.00                  | 6,907.73            | 11,155.65           | 6,815.48            | 136.72          | 128.31      | -87.40                | -968.13                           | -3,742.63  | 2,023.99             | 1,759.35              | 264.64                  | 7.648             |                    |         |
| 11,700.00                  | 6,906.81            | 11,255.64           | 6,814.05            | 139.47          | 131.07      | -87.38                | -971.11                           | -3,842.56  | 2,022.38             | 1,752.25              | 270.14                  | 7.487             |                    |         |
| 11,800.00                  | 6,905.90            | 11,355.62           | 6,812.63            | 142.22          | 133.83      | -87.36                | -974.09                           | -3,942.49  | 2,020.77             | 1,745.13              | 275.64                  | 7.331             |                    |         |
| 11,900.00                  | 6,904.99            | 11,455.61           | 6,811.20            | 144.97          | 136.59      | -87.35                | -977.08                           | -4,042.42  | 2,019.16             | 1,738.01              | 281.15                  | 7.182             |                    |         |
| 12,000.00                  | 6,904.08            | 11,605.81           | 6,809.06            | 147.73          | 140.75      | -87.32                | -980.66                           | -4,192.56  | 2,017.28             | 1,729.38              | 287.90                  | 7.007             |                    |         |
| 12,100.00                  | 6,903.17            | 11,733.47           | 6,807.25            | 150.49          | 144.30      | -87.29                | -979.80                           | -4,320.21  | 2,011.89             | 1,717.84              | 294.05                  | 6.842             |                    |         |
| 12,200.00                  | 6,902.26            | 11,833.32           | 6,805.83            | 153.26          | 147.08      | -87.27                | -978.91                           | -4,420.04  | 2,006.41             | 1,706.83              | 299.58                  | 6.697             |                    |         |
| 12,300.00                  | 6,901.34            | 11,933.17           | 6,804.40            | 156.02          | 149.87      | -87.25                | -978.02                           | -4,519.87  | 2,000.94             | 1,695.82              | 305.11                  | 6.558             |                    |         |
| 12,400.00                  | 6,900.43            | 12,033.01           | 6,802.98            | 158.79          | 152.66      | -87.23                | -977.13                           | -4,619.71  | 1,995.46             | 1,684.80              | 310.66                  | 6.423             |                    |         |
| 12,500.00                  | 6,899.52            | 12,132.86           | 6,801.56            | 161.56          | 155.45      | -87.20                | -976.24                           | -4,719.54  | 1,989.98             | 1,673.78              | 316.20                  | 6.293             |                    |         |
| 12,600.00                  | 6,898.61            | 12,232.71           | 6,800.14            | 164.34          | 158.24      | -87.18                | -975.35                           | -4,819.37  | 1,984.51             | 1,662.76              | 321.75                  | 6.168             |                    |         |
| 12,700.00                  | 6,897.70            | 12,332.56           | 6,798.72            | 167.11          | 161.03      | -87.16                | -974.46                           | -4,919.21  | 1,979.03             | 1,651.73              | 327.31                  | 6.046             |                    |         |
| 12,800.00                  | 6,896.79            | 12,432.40           | 6,797.30            | 169.89          | 163.83      | -87.13                | -973.57                           | -5,019.04  | 1,973.56             | 1,640.70              | 332.86                  | 5.929             |                    |         |
| 12,900.00                  | 6,895.87            | 12,532.25           | 6,795.88            | 172.67          | 166.63      | -87.11                | -972.68                           | -5,118.87  | 1,968.09             | 1,629.66              | 338.43                  | 5.815             |                    |         |
| 13,000.00                  | 6,894.96            | 12,632.10           | 6,794.46            | 175.45          | 169.43      | -87.09                | -971.79                           | -5,218.70  | 1,962.61             | 1,618.62              | 343.99                  | 5.705             |                    |         |
| 13,100.00                  | 6,894.05            | 12,731.94           | 6,793.04            | 178.23          | 172.23      | -87.07                | -970.90                           | -5,318.54  | 1,957.14             | 1,607.58              | 349.56                  | 5.599             |                    |         |
| 13,200.00                  | 6,893.14            | 12,831.79           | 6,791.62            | 181.02          | 175.03      | -87.04                | -970.02                           | -5,418.37  | 1,951.67             | 1,596.54              | 355.13                  | 5.496             |                    |         |
| 13,300.00                  | 6,892.23            | 12,931.64           | 6,790.20            | 183.80          | 177.84      | -87.02                | -969.13                           | -5,518.20  | 1,946.19             | 1,585.49              | 360.70                  | 5.396             |                    |         |
| 13,400.00                  | 6,891.31            | 13,031.48           | 6,788.78            | 186.59          | 180.64      | -87.00                | -968.24                           | -5,618.04  | 1,940.72             | 1,574.44              | 366.28                  | 5.298             |                    |         |
| 13,500.00                  | 6,890.40            | 13,131.33           | 6,787.35            | 189.38          | 183.45      | -86.97                | -967.35                           | -5,717.87  | 1,935.25             | 1,563.39              | 371.86                  | 5.204             |                    |         |
| 13,600.00                  | 6,889.49            | 13,231.18           | 6,785.93            | 192.17          | 186.26      | -86.95                | -966.46                           | -5,817.70  | 1,929.78             | 1,552.34              | 377.44                  | 5.113             |                    |         |
| 13,700.00                  | 6,888.58            | 13,331.02           | 6,784.51            | 194.97          | 189.07      | -86.92                | -965.57                           | -5,917.53  | 1,924.31             | 1,541.28              | 383.02                  | 5.024             |                    |         |
| 13,800.00                  | 6,887.67            | 13,430.87           | 6,783.09            | 197.76          | 191.88      | -86.90                | -964.68                           | -6,017.37  | 1,918.83             | 1,530.23              | 388.61                  | 4.938             |                    |         |
| 13,900.00                  | 6,886.76            | 13,530.72           | 6,781.67            | 200.56          | 194.70      | -86.88                | -963.79                           | -6,117.20  | 1,913.36             | 1,519.17              | 394.20                  | 4.854             |                    |         |
| 14,000.00                  | 6,885.84            | 13,630.57           | 6,780.25            | 203.35          | 197.51      | -86.85                | -962.90                           | -6,217.03  | 1,907.89             | 1,508.11              | 399.79                  | 4.772             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,100.00                  | 6,884.93            | 13,730.41           | 6,778.83            | 206.15          | 200.33      | -86.83                | -962.01                           | -6,316.87  | 1,902.42             | 1,497.05              | 405.38                  | 4.693             |                    |         |
| 14,200.00                  | 6,884.02            | 13,830.26           | 6,777.41            | 208.95          | 203.14      | -86.80                | -961.12                           | -6,416.70  | 1,896.95             | 1,485.98              | 410.97                  | 4.616             |                    |         |
| 14,300.00                  | 6,883.11            | 13,930.11           | 6,775.99            | 211.75          | 205.96      | -86.78                | -960.23                           | -6,516.53  | 1,891.48             | 1,474.92              | 416.57                  | 4.541             |                    |         |
| 14,400.00                  | 6,882.20            | 14,029.95           | 6,774.57            | 214.55          | 208.78      | -86.75                | -959.34                           | -6,616.36  | 1,886.02             | 1,463.85              | 422.16                  | 4.468             |                    |         |
| 14,500.00                  | 6,881.29            | 14,129.80           | 6,773.15            | 217.35          | 211.60      | -86.73                | -958.45                           | -6,716.20  | 1,880.55             | 1,452.79              | 427.76                  | 4.396             |                    |         |
| 14,600.00                  | 6,880.37            | 14,229.65           | 6,771.72            | 220.15          | 214.42      | -86.70                | -957.56                           | -6,816.03  | 1,875.08             | 1,441.72              | 433.36                  | 4.327             |                    |         |
| 14,700.00                  | 6,879.46            | 14,329.49           | 6,770.30            | 222.95          | 217.24      | -86.68                | -956.67                           | -6,915.86  | 1,869.61             | 1,430.65              | 438.96                  | 4.259             |                    |         |
| 14,800.00                  | 6,878.55            | 14,429.34           | 6,768.88            | 225.76          | 220.06      | -86.65                | -955.78                           | -7,015.70  | 1,864.14             | 1,419.58              | 444.56                  | 4.193             |                    |         |
| 14,900.00                  | 6,877.64            | 14,529.19           | 6,767.46            | 228.56          | 222.88      | -86.63                | -954.89                           | -7,115.53  | 1,858.68             | 1,408.51              | 450.17                  | 4.129             |                    |         |
| 15,000.00                  | 6,876.73            | 14,629.04           | 6,766.04            | 231.37          | 225.71      | -86.60                | -954.00                           | -7,215.36  | 1,853.21             | 1,397.44              | 455.77                  | 4.066             |                    |         |
| 15,100.00                  | 6,875.82            | 14,728.88           | 6,764.62            | 234.18          | 228.53      | -86.57                | -953.12                           | -7,315.19  | 1,847.74             | 1,386.37              | 461.38                  | 4.005             |                    |         |
| 15,200.00                  | 6,874.90            | 14,828.73           | 6,763.20            | 236.98          | 231.36      | -86.55                | -952.23                           | -7,415.03  | 1,842.28             | 1,375.29              | 466.98                  | 3.945             |                    |         |
| 15,300.00                  | 6,873.99            | 14,928.58           | 6,761.78            | 239.79          | 234.18      | -86.52                | -951.34                           | -7,514.86  | 1,836.81             | 1,364.22              | 472.59                  | 3.887             |                    |         |
| 15,400.00                  | 6,873.08            | 15,028.42           | 6,760.36            | 242.60          | 237.01      | -86.49                | -950.45                           | -7,614.69  | 1,831.35             | 1,353.15              | 478.20                  | 3.830             |                    |         |
| 15,500.00                  | 6,872.17            | 15,128.27           | 6,758.94            | 245.41          | 239.83      | -86.47                | -949.56                           | -7,714.53  | 1,825.88             | 1,342.07              | 483.81                  | 3.774             |                    |         |
| 15,600.00                  | 6,871.26            | 15,228.12           | 6,757.52            | 248.22          | 242.66      | -86.44                | -948.67                           | -7,814.36  | 1,820.42             | 1,331.00              | 489.42                  | 3.720             |                    |         |
| 15,700.00                  | 6,870.35            | 15,327.96           | 6,756.10            | 251.03          | 245.49      | -86.41                | -947.78                           | -7,914.19  | 1,814.95             | 1,319.93              | 495.03                  | 3.666             |                    |         |
| 15,737.91                  | 6,870.00            | 15,335.52           | 6,755.99            | 252.10          | 245.70      | -86.41                | -947.71                           | -7,921.75  | 1,813.13             | 1,316.59              | 496.55                  | 3.651             |                    |         |
| 15,738.53                  | 6,869.99            | 15,335.52           | 6,755.99            | 252.11          | 245.70      | -86.41                | -947.71                           | -7,921.75  | 1,813.11             | 1,316.54              | 496.57                  | 3.651 SF          |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                       | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -174.39               | -164.30                           | -16.15     | 165.09               |                       |                         |                   |                    |         |
| 100.00                     | 100.00              | 100.00              | 100.00              | 3.28            | 3.28        | -174.39               | -164.30                           | -16.15     | 165.09               | 158.53                | 6.57                    | 25.131            |                    |         |
| 200.00                     | 200.00              | 200.00              | 200.00              | 3.34            | 3.34        | -174.39               | -164.30                           | -16.15     | 165.09               | 158.42                | 6.67                    | 24.737 CC, ES     |                    |         |
| 300.00                     | 300.00              | 295.68              | 295.66              | 3.44            | 3.43        | -174.73               | -165.64                           | -15.27     | 166.40               | 159.51                | 6.89                    | 24.165            |                    |         |
| 400.00                     | 399.98              | 391.07              | 390.93              | 3.60            | 3.58        | 154.32                | -169.62                           | -12.64     | 171.90               | 164.70                | 7.20                    | 23.867            |                    |         |
| 500.00                     | 499.84              | 485.73              | 485.26              | 3.81            | 3.76        | 153.37                | -176.19                           | -8.31      | 183.19               | 175.58                | 7.62                    | 24.055            |                    |         |
| 550.00                     | 549.68              | 532.64              | 531.90              | 3.93            | 3.87        | 152.88                | -180.41                           | -5.54      | 190.99               | 183.14                | 7.85                    | 24.315            |                    |         |
| 600.00                     | 599.45              | 579.22              | 578.11              | 4.06            | 3.98        | 150.08                | -185.23                           | -2.36      | 200.15               | 192.04                | 8.11                    | 24.688            |                    |         |
| 700.00                     | 698.71              | 671.20              | 669.08              | 4.33            | 4.23        | 146.32                | -196.59                           | 5.12       | 222.33               | 213.68                | 8.65                    | 25.702            |                    |         |
| 800.00                     | 797.49              | 761.36              | 757.77              | 4.64            | 4.51        | 143.87                | -210.09                           | 14.01      | 249.53               | 240.29                | 9.24                    | 27.011            |                    |         |
| 900.00                     | 895.68              | 855.50              | 850.04              | 4.97            | 4.84        | 142.27                | -225.70                           | 24.29      | 280.71               | 270.85                | 9.85                    | 28.489            |                    |         |
| 1,000.00                   | 993.14              | 949.65              | 942.31              | 5.33            | 5.19        | 141.41                | -241.34                           | 34.59      | 314.31               | 303.80                | 10.51                   | 29.900            |                    |         |
| 1,039.84                   | 1,031.75            | 986.90              | 978.82              | 5.48            | 5.33        | 141.22                | -247.52                           | 38.67      | 328.37               | 317.58                | 10.79                   | 30.439            |                    |         |
| 1,100.00                   | 1,089.94            | 1,043.03            | 1,033.82            | 5.72            | 5.55        | 141.64                | -256.84                           | 44.80      | 349.89               | 338.68                | 11.20                   | 31.231            |                    |         |
| 1,200.00                   | 1,186.67            | 1,136.33            | 1,125.26            | 6.13            | 5.93        | 142.25                | -272.34                           | 55.01      | 385.70               | 373.78                | 11.92                   | 32.366            |                    |         |
| 1,300.00                   | 1,283.39            | 1,229.62            | 1,216.69            | 6.55            | 6.32        | 142.75                | -287.83                           | 65.21      | 421.54               | 408.88                | 12.66                   | 33.302            |                    |         |
| 1,400.00                   | 1,380.12            | 1,322.92            | 1,308.13            | 6.99            | 6.73        | 143.18                | -303.33                           | 75.42      | 457.40               | 443.98                | 13.42                   | 34.079            |                    |         |
| 1,500.00                   | 1,476.85            | 1,416.22            | 1,399.56            | 7.45            | 7.14        | 143.54                | -318.82                           | 85.62      | 493.29               | 479.08                | 14.20                   | 34.726            |                    |         |
| 1,600.00                   | 1,573.57            | 1,509.52            | 1,491.00            | 7.90            | 7.56        | 143.85                | -334.32                           | 95.83      | 529.19               | 514.18                | 15.00                   | 35.269            |                    |         |
| 1,700.00                   | 1,670.30            | 1,602.82            | 1,582.43            | 8.37            | 7.98        | 144.13                | -349.81                           | 106.03     | 565.10               | 549.28                | 15.82                   | 35.727            |                    |         |
| 1,800.00                   | 1,767.03            | 1,696.11            | 1,673.86            | 8.85            | 8.41        | 144.37                | -365.30                           | 116.24     | 601.02               | 584.38                | 16.64                   | 36.115            |                    |         |
| 1,900.00                   | 1,863.75            | 1,789.41            | 1,765.30            | 9.32            | 8.85        | 144.58                | -380.80                           | 126.44     | 636.95               | 619.47                | 17.48                   | 36.446            |                    |         |
| 2,000.00                   | 1,960.48            | 1,882.71            | 1,856.73            | 9.81            | 9.29        | 144.77                | -396.29                           | 136.65     | 672.88               | 654.56                | 18.32                   | 36.730            |                    |         |
| 2,100.00                   | 2,057.21            | 1,976.01            | 1,948.17            | 10.29           | 9.73        | 144.94                | -411.79                           | 146.85     | 708.82               | 689.65                | 19.17                   | 36.975            |                    |         |
| 2,200.00                   | 2,153.93            | 2,069.30            | 2,039.60            | 10.78           | 10.17       | 145.10                | -427.28                           | 157.06     | 744.77               | 724.74                | 20.03                   | 37.188            |                    |         |
| 2,300.00                   | 2,250.66            | 2,162.60            | 2,131.04            | 11.28           | 10.62       | 145.24                | -442.77                           | 167.26     | 780.72               | 759.83                | 20.89                   | 37.373            |                    |         |
| 2,400.00                   | 2,347.39            | 2,255.90            | 2,222.47            | 11.77           | 11.07       | 145.37                | -458.27                           | 177.47     | 816.67               | 794.92                | 21.76                   | 37.534            |                    |         |
| 2,500.00                   | 2,444.11            | 2,349.20            | 2,313.91            | 12.27           | 11.52       | 145.49                | -473.76                           | 187.67     | 852.63               | 830.00                | 22.63                   | 37.676            |                    |         |
| 2,600.00                   | 2,540.84            | 2,442.50            | 2,405.34            | 12.77           | 11.97       | 145.59                | -489.26                           | 197.88     | 888.59               | 865.09                | 23.51                   | 37.802            |                    |         |
| 2,700.00                   | 2,637.57            | 2,535.79            | 2,496.78            | 13.27           | 12.43       | 145.69                | -504.75                           | 208.08     | 924.56               | 900.17                | 24.39                   | 37.913            |                    |         |
| 2,800.00                   | 2,734.30            | 2,629.09            | 2,588.21            | 13.78           | 12.88       | 145.79                | -520.24                           | 218.29     | 960.52               | 935.25                | 25.27                   | 38.011            |                    |         |
| 2,900.00                   | 2,831.02            | 2,722.39            | 2,679.64            | 14.28           | 13.34       | 145.87                | -535.74                           | 228.49     | 996.49               | 970.33                | 26.16                   | 38.099            |                    |         |
| 3,000.00                   | 2,927.75            | 2,815.69            | 2,771.08            | 14.79           | 13.80       | 145.95                | -551.23                           | 238.70     | 1,032.46             | 1,005.41              | 27.04                   | 38.178            |                    |         |
| 3,100.00                   | 3,024.48            | 2,908.98            | 2,862.51            | 15.29           | 14.26       | 146.03                | -566.73                           | 248.90     | 1,068.43             | 1,040.49              | 27.93                   | 38.248            |                    |         |
| 3,200.00                   | 3,121.20            | 3,002.28            | 2,953.95            | 15.80           | 14.72       | 146.10                | -582.22                           | 259.11     | 1,104.40             | 1,075.57              | 28.83                   | 38.312            |                    |         |
| 3,300.00                   | 3,217.93            | 3,104.42            | 3,045.38            | 16.31           | 15.22       | 146.16                | -597.71                           | 269.31     | 1,140.37             | 1,110.61              | 29.76                   | 38.315            |                    |         |
| 3,400.00                   | 3,314.66            | 3,188.88            | 3,136.82            | 16.82           | 15.64       | 146.22                | -613.21                           | 279.51     | 1,176.35             | 1,145.73              | 30.62                   | 38.420            |                    |         |
| 3,500.00                   | 3,411.38            | 3,282.18            | 3,228.25            | 17.33           | 16.10       | 146.28                | -628.70                           | 289.72     | 1,212.33             | 1,180.81              | 31.52                   | 38.467            |                    |         |
| 3,600.00                   | 3,508.11            | 3,375.47            | 3,319.69            | 17.84           | 16.56       | 146.33                | -644.20                           | 299.92     | 1,248.30             | 1,215.89              | 32.42                   | 38.510            |                    |         |
| 3,700.00                   | 3,604.84            | 3,468.77            | 3,411.12            | 18.36           | 17.03       | 146.38                | -659.69                           | 310.13     | 1,284.28             | 1,250.96              | 33.32                   | 38.548            |                    |         |
| 3,800.00                   | 3,701.56            | 3,562.07            | 3,502.56            | 18.87           | 17.49       | 146.43                | -675.18                           | 320.33     | 1,320.26             | 1,286.04              | 34.22                   | 38.584            |                    |         |
| 3,900.00                   | 3,798.29            | 3,655.37            | 3,593.99            | 19.38           | 17.96       | 146.48                | -690.68                           | 330.54     | 1,356.24             | 1,321.12              | 35.12                   | 38.616            |                    |         |
| 4,000.00                   | 3,895.02            | 3,748.67            | 3,685.43            | 19.89           | 18.42       | 146.52                | -706.17                           | 340.74     | 1,392.22             | 1,356.19              | 36.03                   | 38.645            |                    |         |
| 4,100.00                   | 3,991.74            | 3,841.96            | 3,776.86            | 20.41           | 18.89       | 146.56                | -721.67                           | 350.95     | 1,428.20             | 1,391.27              | 36.93                   | 38.672            |                    |         |
| 4,200.00                   | 4,088.47            | 3,935.26            | 3,868.29            | 20.92           | 19.35       | 146.60                | -737.16                           | 361.15     | 1,464.18             | 1,426.34              | 37.84                   | 38.697            |                    |         |
| 4,300.00                   | 4,185.20            | 4,028.56            | 3,959.73            | 21.44           | 19.82       | 146.64                | -752.65                           | 371.36     | 1,500.16             | 1,461.42              | 38.74                   | 38.720            |                    |         |
| 4,400.00                   | 4,281.92            | 4,121.86            | 4,051.16            | 21.95           | 20.28       | 146.68                | -768.15                           | 381.56     | 1,536.15             | 1,496.49              | 39.65                   | 38.741            |                    |         |
| 4,500.00                   | 4,378.65            | 4,215.15            | 4,142.60            | 22.47           | 20.75       | 146.71                | -783.64                           | 391.77     | 1,572.13             | 1,531.57              | 40.56                   | 38.760            |                    |         |
| 4,600.00                   | 4,475.38            | 4,308.45            | 4,234.03            | 22.99           | 21.22       | 146.74                | -799.14                           | 401.97     | 1,608.11             | 1,566.64              | 41.47                   | 38.778            |                    |         |
| 4,700.00                   | 4,572.10            | 4,401.75            | 4,325.47            | 23.50           | 21.68       | 146.77                | -814.63                           | 412.18     | 1,644.10             | 1,601.72              | 42.38                   | 38.794            |                    |         |
| 4,800.00                   | 4,668.83            | 4,495.05            | 4,416.90            | 24.02           | 22.15       | 146.80                | -830.12                           | 422.38     | 1,680.08             | 1,636.79              | 43.29                   | 38.809            |                    |         |
| 4,900.00                   | 4,765.56            | 4,588.35            | 4,508.34            | 24.53           | 22.62       | 146.83                | -845.62                           | 432.59     | 1,716.07             | 1,671.86              | 44.20                   | 38.823            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                   | 4,862.28            | 4,681.64            | 4,599.77            | 25.05           | 23.09       | 146.86                | -861.11                           | 442.79     | 1,752.05             | 1,706.94              | 45.11                   | 38.836            |                    |         |
| 5,100.00                   | 4,959.01            | 4,774.94            | 4,691.21            | 25.57           | 23.56       | 146.88                | -876.61                           | 453.00     | 1,788.04             | 1,742.01              | 46.03                   | 38.848            |                    |         |
| 5,200.00                   | 5,055.74            | 4,868.24            | 4,782.64            | 26.09           | 24.02       | 146.91                | -892.10                           | 463.20     | 1,824.02             | 1,777.08              | 46.94                   | 38.859            |                    |         |
| 5,300.00                   | 5,152.46            | 4,961.54            | 4,874.07            | 26.60           | 24.49       | 146.93                | -907.60                           | 473.41     | 1,860.01             | 1,812.15              | 47.85                   | 38.869            |                    |         |
| 5,400.00                   | 5,249.19            | 5,054.83            | 4,965.51            | 27.12           | 24.96       | 146.96                | -923.09                           | 483.61     | 1,895.99             | 1,847.23              | 48.77                   | 38.879            |                    |         |
| 5,500.00                   | 5,345.92            | 5,148.13            | 5,056.94            | 27.64           | 25.43       | 146.98                | -938.58                           | 493.82     | 1,931.98             | 1,882.30              | 49.68                   | 38.887            |                    |         |
| 5,600.00                   | 5,442.65            | 5,241.43            | 5,148.38            | 28.16           | 25.90       | 147.00                | -954.08                           | 504.02     | 1,967.97             | 1,917.37              | 50.60                   | 38.896            |                    |         |
| 5,700.00                   | 5,539.37            | 5,334.73            | 5,239.81            | 28.68           | 26.37       | 147.02                | -969.57                           | 514.22     | 2,003.95             | 1,952.44              | 51.51                   | 38.903            |                    |         |
| 5,800.00                   | 5,636.10            | 5,428.03            | 5,331.25            | 29.20           | 26.84       | 147.04                | -985.07                           | 524.43     | 2,039.94             | 1,987.51              | 52.43                   | 38.910            |                    |         |
| 5,900.00                   | 5,732.83            | 5,521.32            | 5,422.68            | 29.71           | 27.31       | 147.06                | -1,000.56                         | 534.63     | 2,075.93             | 2,022.59              | 53.34                   | 38.917            |                    |         |
| 6,000.00                   | 5,829.55            | 5,614.62            | 5,514.12            | 30.23           | 27.78       | 147.08                | -1,016.05                         | 544.84     | 2,111.92             | 2,057.66              | 54.26                   | 38.923            |                    |         |
| 6,100.00                   | 5,926.28            | 5,707.92            | 5,605.55            | 30.75           | 28.25       | 147.10                | -1,031.55                         | 555.04     | 2,147.90             | 2,092.73              | 55.18                   | 38.928            |                    |         |
| 6,200.00                   | 6,023.01            | 5,801.22            | 5,696.99            | 31.27           | 28.72       | 147.11                | -1,047.04                         | 565.25     | 2,183.89             | 2,127.80              | 56.09                   | 38.933            |                    |         |
| 6,300.00                   | 6,119.73            | 5,894.51            | 5,788.42            | 31.79           | 29.19       | 147.13                | -1,062.54                         | 575.45     | 2,219.88             | 2,162.87              | 57.01                   | 38.938            |                    |         |
| 6,397.75                   | 6,214.28            | 5,985.71            | 5,877.79            | 32.30           | 29.65       | 147.15                | -1,077.68                         | 585.43     | 2,255.06             | 2,197.15              | 57.91                   | 38.942            |                    |         |
| 6,400.00                   | 6,216.46            | 5,987.81            | 5,879.85            | 32.31           | 29.66       | 147.81                | -1,078.03                         | 585.66     | 2,255.87             | 2,197.94              | 57.93                   | 38.942            |                    |         |
| 6,450.00                   | 6,265.12            | 6,034.53            | 5,925.64            | 32.56           | 29.89       | 165.53                | -1,085.79                         | 590.77     | 2,273.56             | 2,215.18              | 58.38                   | 38.945            |                    |         |
| 6,500.00                   | 6,314.12            | 6,081.17            | 5,971.35            | 32.78           | 30.13       | -171.57               | -1,093.53                         | 595.87     | 2,290.63             | 2,231.82              | 58.81                   | 38.947            |                    |         |
| 6,550.00                   | 6,363.16            | 6,127.44            | 6,016.70            | 32.99           | 30.36       | -148.03               | -1,101.22                         | 600.93     | 2,307.01             | 2,247.77              | 59.23                   | 38.947            |                    |         |
| 6,600.00                   | 6,411.94            | 6,173.07            | 6,061.41            | 33.18           | 30.59       | -129.38               | -1,108.80                         | 605.92     | 2,322.63             | 2,262.99              | 59.64                   | 38.942            |                    |         |
| 6,650.00                   | 6,460.15            | 6,217.76            | 6,105.21            | 33.35           | 30.82       | -116.45               | -1,116.22                         | 610.81     | 2,337.47             | 2,277.42              | 60.04                   | 38.931            |                    |         |
| 6,700.00                   | 6,507.49            | 6,261.25            | 6,147.83            | 33.52           | 31.04       | -107.64               | -1,123.44                         | 615.57     | 2,351.50             | 2,291.07              | 60.43                   | 38.911            |                    |         |
| 6,750.00                   | 6,553.69            | 6,303.26            | 6,189.00            | 33.69           | 31.25       | -101.48               | -1,130.42                         | 620.16     | 2,364.74             | 2,303.92              | 60.82                   | 38.883            |                    |         |
| 6,800.00                   | 6,598.44            | 6,343.54            | 6,228.48            | 33.85           | 31.45       | -97.02                | -1,137.11                         | 624.57     | 2,377.19             | 2,316.00              | 61.20                   | 38.846            |                    |         |
| 6,850.00                   | 6,641.47            | 6,381.84            | 6,266.01            | 34.02           | 31.65       | -93.68                | -1,143.47                         | 628.76     | 2,388.90             | 2,327.32              | 61.57                   | 38.799            |                    |         |
| 6,900.00                   | 6,682.53            | 6,417.92            | 6,301.37            | 34.19           | 31.83       | -91.12                | -1,149.46                         | 632.70     | 2,399.89             | 2,337.94              | 61.95                   | 38.741            |                    |         |
| 6,950.00                   | 6,721.35            | 6,451.55            | 6,334.34            | 34.38           | 32.00       | -89.12                | -1,155.04                         | 636.38     | 2,410.21             | 2,347.89              | 62.32                   | 38.672            |                    |         |
| 7,000.00                   | 6,757.70            | 6,482.54            | 6,364.71            | 34.57           | 32.15       | -87.52                | -1,160.19                         | 639.77     | 2,419.92             | 2,357.21              | 62.71                   | 38.590            |                    |         |
| 7,050.00                   | 6,791.35            | 6,510.70            | 6,392.29            | 34.79           | 32.30       | -86.21                | -1,164.87                         | 642.85     | 2,429.07             | 2,365.97              | 63.10                   | 38.493            |                    |         |
| 7,100.00                   | 6,822.10            | 6,534.00            | 6,415.14            | 35.03           | 32.41       | -85.08                | -1,168.74                         | 645.26     | 2,437.72             | 2,374.22              | 63.50                   | 38.392            |                    |         |
| 7,150.00                   | 6,849.75            | 6,555.35            | 6,436.13            | 35.30           | 32.52       | -84.13                | -1,172.32                         | 646.80     | 2,445.91             | 2,381.99              | 63.92                   | 38.268            |                    |         |
| 7,200.00                   | 6,874.14            | 6,576.42            | 6,456.89            | 35.61           | 32.61       | -83.36                | -1,175.88                         | 647.62     | 2,453.65             | 2,389.26              | 64.38                   | 38.110            |                    |         |
| 7,250.00                   | 6,895.11            | 6,597.15            | 6,477.32            | 35.95           | 32.71       | -82.74                | -1,179.40                         | 647.74     | 2,460.93             | 2,396.03              | 64.90                   | 37.918            |                    |         |
| 7,300.00                   | 6,912.54            | 6,617.46            | 6,497.32            | 36.34           | 32.80       | -82.26                | -1,182.87                         | 647.21     | 2,467.77             | 2,402.31              | 65.47                   | 37.694            |                    |         |
| 7,350.00                   | 6,926.31            | 6,637.21            | 6,516.74            | 36.77           | 32.88       | -81.89                | -1,186.26                         | 646.07     | 2,474.18             | 2,408.10              | 66.08                   | 37.441            |                    |         |
| 7,400.00                   | 6,936.35            | 6,656.21            | 6,535.39            | 37.25           | 32.96       | -81.62                | -1,189.53                         | 644.40     | 2,480.16             | 2,413.42              | 66.74                   | 37.163            |                    |         |
| 7,450.00                   | 6,942.59            | 6,674.19            | 6,552.97            | 37.76           | 33.02       | -81.44                | -1,192.62                         | 642.30     | 2,485.73             | 2,418.31              | 67.42                   | 36.868            |                    |         |
| 7,500.00                   | 6,944.99            | 6,690.70            | 6,569.05            | 38.31           | 33.09       | -81.33                | -1,195.47                         | 639.93     | 2,490.91             | 2,422.78              | 68.13                   | 36.560            |                    |         |
| 7,512.10                   | 6,945.00            | 6,694.39            | 6,572.65            | 38.44           | 33.10       | -81.31                | -1,196.10                         | 639.34     | 2,492.10             | 2,423.80              | 68.30                   | 36.485            |                    |         |
| 7,600.00                   | 6,944.19            | 6,729.67            | 6,606.74            | 39.51           | 33.23       | -82.11                | -1,202.18                         | 632.65     | 2,502.13             | 2,432.45              | 69.68                   | 35.906            |                    |         |
| 7,700.00                   | 6,943.28            | 7,700.00            | 6,659.44            | 40.90           | 36.38       | -83.35                | -1,211.70                         | 617.87     | 2,516.68             | 2,441.82              | 74.86                   | 33.616            |                    |         |
| 7,800.00                   | 6,942.37            | 7,800.00            | 6,906.31            | 42.44           | 36.53       | -89.10                | -1,258.61                         | 468.01     | 2,532.36             | 2,454.78              | 77.58                   | 32.641            |                    |         |
| 7,900.00                   | 6,941.46            | 7,850.43            | 7,093.96            | 44.11           | 37.48       | -93.46                | -1,305.78                         | -48.39     | 2,534.73             | 2,453.63              | 81.10                   | 31.255            |                    |         |
| 8,000.00                   | 6,940.55            | 7,750.40            | 7,091.86            | 45.90           | 38.73       | -93.44                | -1,308.28                         | -148.31    | 2,532.54             | 2,448.29              | 84.25                   | 30.059            |                    |         |
| 8,100.00                   | 6,939.64            | 7,850.37            | 7,089.75            | 47.80           | 40.17       | -93.41                | -1,310.77                         | -248.23    | 2,530.35             | 2,442.69              | 87.66                   | 28.865            |                    |         |
| 8,200.00                   | 6,938.72            | 7,950.34            | 7,087.64            | 49.79           | 41.77       | -93.39                | -1,313.26                         | -348.14    | 2,528.16             | 2,436.86              | 91.30                   | 27.691            |                    |         |
| 8,300.00                   | 6,937.81            | 8,050.31            | 7,085.53            | 51.86           | 43.51       | -93.37                | -1,315.76                         | -448.06    | 2,525.97             | 2,430.83              | 95.14                   | 26.550            |                    |         |
| 8,400.00                   | 6,936.90            | 8,150.28            | 7,083.43            | 54.01           | 45.37       | -93.34                | -1,318.25                         | -547.98    | 2,523.78             | 2,424.62              | 99.16                   | 25.451            |                    |         |
| 8,500.00                   | 6,935.99            | 8,250.25            | 7,081.32            | 56.21           | 47.34       | -93.32                | -1,320.75                         | -647.90    | 2,521.60             | 2,418.25              | 103.34                  | 24.400            |                    |         |
| 8,600.00                   | 6,935.08            | 8,350.22            | 7,079.21            | 58.47           | 49.39       | -93.29                | -1,323.24                         | -747.81    | 2,519.41             | 2,411.75              | 107.66                  | 23.401            |                    |         |
| 8,700.00                   | 6,934.17            | 8,450.19            | 7,077.10            | 60.78           | 51.51       | -93.27                | -1,325.74                         | -847.73    | 2,517.22             | 2,405.12              | 112.11                  | 22.454            |                    |         |
| 8,800.00                   | 6,933.25            | 8,550.16            | 7,074.99            | 63.13           | 53.71       | -93.24                | -1,328.23                         | -947.65    | 2,515.03             | 2,398.38              | 116.66                  | 21.559            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                   | 6,932.34            | 8,650.13            | 7,072.89            | 65.52           | 55.96       | -93.22                | -1,330.72                         | -1,047.56  | 2,512.85             | 2,391.54              | 121.30                  | 20.715            |                    |         |
| 9,000.00                   | 6,931.43            | 8,750.10            | 7,070.78            | 67.95           | 58.27       | -93.19                | -1,333.22                         | -1,147.48  | 2,510.66             | 2,384.62              | 126.04                  | 19.920            |                    |         |
| 9,100.00                   | 6,930.52            | 8,850.07            | 7,068.67            | 70.40           | 60.63       | -93.17                | -1,335.71                         | -1,247.40  | 2,508.48             | 2,377.63              | 130.85                  | 19.171            |                    |         |
| 9,200.00                   | 6,929.61            | 8,950.04            | 7,066.56            | 72.89           | 63.02       | -93.14                | -1,338.21                         | -1,347.31  | 2,506.29             | 2,370.56              | 135.73                  | 18.465            |                    |         |
| 9,300.00                   | 6,928.69            | 9,050.01            | 7,064.46            | 75.40           | 65.45       | -93.12                | -1,340.70                         | -1,447.23  | 2,504.11             | 2,363.44              | 140.67                  | 17.801            |                    |         |
| 9,400.00                   | 6,927.78            | 9,149.98            | 7,062.35            | 77.93           | 67.91       | -93.10                | -1,343.20                         | -1,547.15  | 2,501.92             | 2,356.26              | 145.66                  | 17.176            |                    |         |
| 9,500.00                   | 6,926.87            | 9,249.95            | 7,060.24            | 80.48           | 70.41       | -93.07                | -1,345.69                         | -1,647.07  | 2,499.74             | 2,349.03              | 150.71                  | 16.587            |                    |         |
| 9,600.00                   | 6,925.96            | 9,349.92            | 7,058.13            | 83.05           | 72.92       | -93.05                | -1,348.19                         | -1,746.98  | 2,497.55             | 2,341.76              | 155.79                  | 16.031            |                    |         |
| 9,700.00                   | 6,925.05            | 9,449.89            | 7,056.02            | 85.64           | 75.47       | -93.02                | -1,350.68                         | -1,846.90  | 2,495.37             | 2,334.45              | 160.92                  | 15.507            |                    |         |
| 9,800.00                   | 6,924.14            | 9,549.86            | 7,053.92            | 88.25           | 78.03       | -93.00                | -1,353.17                         | -1,946.82  | 2,493.19             | 2,327.10              | 166.09                  | 15.011            |                    |         |
| 9,900.00                   | 6,923.22            | 9,649.83            | 7,051.81            | 90.86           | 80.61       | -92.97                | -1,355.67                         | -2,046.73  | 2,491.01             | 2,319.72              | 171.28                  | 14.543            |                    |         |
| 10,000.00                  | 6,922.31            | 9,749.80            | 7,049.70            | 93.50           | 83.21       | -92.95                | -1,358.16                         | -2,146.65  | 2,488.83             | 2,312.31              | 176.51                  | 14.100            |                    |         |
| 10,100.00                  | 6,921.40            | 9,849.77            | 7,047.59            | 96.14           | 85.82       | -92.92                | -1,360.66                         | -2,246.57  | 2,486.64             | 2,304.88              | 181.77                  | 13.680            |                    |         |
| 10,200.00                  | 6,920.49            | 9,949.74            | 7,045.49            | 98.79           | 88.45       | -92.90                | -1,363.15                         | -2,346.48  | 2,484.46             | 2,297.42              | 187.05                  | 13.283            |                    |         |
| 10,300.00                  | 6,919.58            | 10,049.71           | 7,043.38            | 101.45          | 91.09       | -92.87                | -1,365.65                         | -2,446.40  | 2,482.28             | 2,289.93              | 192.35                  | 12.905            |                    |         |
| 10,400.00                  | 6,918.67            | 10,149.68           | 7,041.27            | 104.13          | 93.75       | -92.85                | -1,368.14                         | -2,546.32  | 2,480.10             | 2,282.43              | 197.68                  | 12.546            |                    |         |
| 10,500.00                  | 6,917.75            | 10,249.65           | 7,039.16            | 106.81          | 96.41       | -92.82                | -1,370.63                         | -2,646.23  | 2,477.92             | 2,274.90              | 203.02                  | 12.205            |                    |         |
| 10,600.00                  | 6,916.84            | 10,349.63           | 7,037.05            | 109.50          | 99.09       | -92.80                | -1,373.13                         | -2,746.15  | 2,475.75             | 2,267.36              | 208.38                  | 11.881            |                    |         |
| 10,700.00                  | 6,915.93            | 10,449.60           | 7,034.95            | 112.19          | 101.77      | -92.77                | -1,375.62                         | -2,846.07  | 2,473.57             | 2,259.81              | 213.76                  | 11.572            |                    |         |
| 10,800.00                  | 6,915.02            | 10,549.57           | 7,032.84            | 114.90          | 104.46      | -92.74                | -1,378.12                         | -2,945.99  | 2,471.39             | 2,252.23              | 219.16                  | 11.277            |                    |         |
| 10,900.00                  | 6,914.11            | 10,649.54           | 7,030.73            | 117.61          | 107.16      | -92.72                | -1,380.61                         | -3,045.90  | 2,469.21             | 2,244.65              | 224.56                  | 10.996            |                    |         |
| 11,000.00                  | 6,913.20            | 10,749.51           | 7,028.62            | 120.32          | 109.87      | -92.69                | -1,383.11                         | -3,145.82  | 2,467.04             | 2,237.05              | 229.99                  | 10.727            |                    |         |
| 11,100.00                  | 6,912.28            | 10,849.48           | 7,026.52            | 123.04          | 112.58      | -92.67                | -1,385.60                         | -3,245.74  | 2,464.86             | 2,229.44              | 235.42                  | 10.470            |                    |         |
| 11,200.00                  | 6,911.37            | 10,949.45           | 7,024.41            | 125.77          | 115.31      | -92.64                | -1,388.10                         | -3,345.65  | 2,462.68             | 2,221.82              | 240.87                  | 10.224            |                    |         |
| 11,300.00                  | 6,910.46            | 11,049.42           | 7,022.30            | 128.50          | 118.03      | -92.62                | -1,390.59                         | -3,445.57  | 2,460.51             | 2,214.19              | 246.32                  | 9.989             |                    |         |
| 11,400.00                  | 6,909.55            | 11,149.39           | 7,020.19            | 131.24          | 120.76      | -92.59                | -1,393.08                         | -3,545.49  | 2,458.33             | 2,206.54              | 251.79                  | 9.763             |                    |         |
| 11,500.00                  | 6,908.64            | 11,249.36           | 7,018.08            | 133.98          | 123.50      | -92.57                | -1,395.58                         | -3,645.40  | 2,456.16             | 2,198.89              | 257.27                  | 9.547             |                    |         |
| 11,600.00                  | 6,907.73            | 11,349.33           | 7,015.98            | 136.72          | 126.24      | -92.54                | -1,398.07                         | -3,745.32  | 2,453.99             | 2,191.23              | 262.75                  | 9.340             |                    |         |
| 11,700.00                  | 6,906.81            | 11,449.30           | 7,013.87            | 139.47          | 128.99      | -92.51                | -1,400.57                         | -3,845.24  | 2,451.81             | 2,183.57              | 268.25                  | 9.140             |                    |         |
| 11,800.00                  | 6,905.90            | 11,549.27           | 7,011.76            | 142.22          | 131.74      | -92.49                | -1,403.06                         | -3,945.16  | 2,449.64             | 2,175.89              | 273.75                  | 8.948             |                    |         |
| 11,900.00                  | 6,904.99            | 11,649.24           | 7,009.65            | 144.97          | 134.49      | -92.46                | -1,405.56                         | -4,045.07  | 2,447.47             | 2,168.21              | 279.26                  | 8.764             |                    |         |
| 12,000.00                  | 6,904.08            | 11,749.21           | 7,007.55            | 147.73          | 137.25      | -92.44                | -1,408.05                         | -4,144.99  | 2,445.30             | 2,160.52              | 284.77                  | 8.587             |                    |         |
| 12,100.00                  | 6,903.17            | 11,849.18           | 7,005.44            | 150.49          | 140.01      | -92.41                | -1,410.54                         | -4,244.91  | 2,443.13             | 2,152.83              | 290.30                  | 8.416             |                    |         |
| 12,200.00                  | 6,902.26            | 11,949.15           | 7,003.33            | 153.26          | 142.78      | -92.39                | -1,413.04                         | -4,344.82  | 2,440.96             | 2,145.13              | 295.83                  | 8.251             |                    |         |
| 12,300.00                  | 6,901.34            | 12,049.12           | 7,001.22            | 156.02          | 145.55      | -92.36                | -1,415.53                         | -4,444.74  | 2,438.78             | 2,137.42              | 301.36                  | 8.093             |                    |         |
| 12,400.00                  | 6,900.43            | 12,149.09           | 6,999.11            | 158.79          | 148.32      | -92.33                | -1,418.03                         | -4,544.66  | 2,436.62             | 2,129.71              | 306.90                  | 7.939             |                    |         |
| 12,500.00                  | 6,899.52            | 12,249.06           | 6,997.01            | 161.56          | 151.09      | -92.31                | -1,420.52                         | -4,644.57  | 2,434.45             | 2,122.00              | 312.45                  | 7.792             |                    |         |
| 12,600.00                  | 6,898.61            | 12,349.03           | 6,994.90            | 164.34          | 153.87      | -92.28                | -1,423.02                         | -4,744.49  | 2,432.28             | 2,114.28              | 318.00                  | 7.649             |                    |         |
| 12,700.00                  | 6,897.70            | 12,449.00           | 6,992.79            | 167.11          | 156.65      | -92.25                | -1,425.51                         | -4,844.41  | 2,430.11             | 2,106.56              | 323.55                  | 7.511             |                    |         |
| 12,800.00                  | 6,896.79            | 12,548.97           | 6,990.68            | 169.89          | 159.43      | -92.23                | -1,428.01                         | -4,944.32  | 2,427.94             | 2,098.83              | 329.11                  | 7.377             |                    |         |
| 12,900.00                  | 6,895.87            | 12,648.94           | 6,988.58            | 172.67          | 162.21      | -92.20                | -1,430.50                         | -5,044.24  | 2,425.77             | 2,091.10              | 334.68                  | 7.248             |                    |         |
| 13,000.00                  | 6,894.96            | 12,748.91           | 6,986.47            | 175.45          | 165.00      | -92.18                | -1,432.99                         | -5,144.16  | 2,423.61             | 2,083.36              | 340.24                  | 7.123             |                    |         |
| 13,100.00                  | 6,894.05            | 12,848.88           | 6,984.36            | 178.23          | 167.78      | -92.15                | -1,435.49                         | -5,244.08  | 2,421.44             | 2,075.63              | 345.82                  | 7.002             |                    |         |
| 13,200.00                  | 6,893.14            | 12,948.85           | 6,982.25            | 181.02          | 170.57      | -92.12                | -1,437.98                         | -5,343.99  | 2,419.28             | 2,067.88              | 351.39                  | 6.885             |                    |         |
| 13,300.00                  | 6,892.23            | 13,048.82           | 6,980.14            | 183.80          | 173.36      | -92.10                | -1,440.48                         | -5,443.91  | 2,417.11             | 2,060.14              | 356.97                  | 6.771             |                    |         |
| 13,400.00                  | 6,891.31            | 13,148.79           | 6,978.04            | 186.59          | 176.16      | -92.07                | -1,442.97                         | -5,543.83  | 2,414.95             | 2,052.39              | 362.55                  | 6.661             |                    |         |
| 13,500.00                  | 6,890.40            | 13,248.76           | 6,975.93            | 189.38          | 178.95      | -92.04                | -1,445.47                         | -5,643.74  | 2,412.78             | 2,044.64              | 368.14                  | 6.554             |                    |         |
| 13,600.00                  | 6,889.49            | 13,348.73           | 6,973.82            | 192.17          | 181.75      | -92.02                | -1,447.96                         | -5,743.66  | 2,410.62             | 2,036.89              | 373.73                  | 6.450             |                    |         |
| 13,700.00                  | 6,888.58            | 13,448.70           | 6,971.71            | 194.97          | 184.55      | -91.99                | -1,450.45                         | -5,843.58  | 2,408.45             | 2,029.14              | 379.32                  | 6.349             |                    |         |
| 13,800.00                  | 6,887.67            | 13,548.68           | 6,969.61            | 197.76          | 187.34      | -91.96                | -1,452.95                         | -5,943.49  | 2,406.29             | 2,021.38              | 384.91                  | 6.252             |                    |         |
| 13,900.00                  | 6,886.76            | 13,648.65           | 6,967.50            | 200.56          | 190.14      | -91.94                | -1,455.44                         | -6,043.41  | 2,404.13             | 2,013.62              | 390.51                  | 6.156             |                    |         |
| 14,000.00                  | 6,885.84            | 13,748.62           | 6,965.39            | 203.35          | 192.95      | -91.91                | -1,457.94                         | -6,143.33  | 2,401.97             | 2,005.86              | 396.11                  | 6.064             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design              |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)        | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,100.00                  | 6,884.93            | 13,848.59           | 6,963.28            | 206.15          | 195.75      | -91.88                | -1,460.43                         | -6,243.25  | 2,399.81             | 1,998.09              | 401.71                  | 5.974             |                    |         |
| 14,200.00                  | 6,884.02            | 13,948.56           | 6,961.17            | 208.95          | 198.55      | -91.86                | -1,462.93                         | -6,343.16  | 2,397.65             | 1,990.33              | 407.32                  | 5.886             |                    |         |
| 14,300.00                  | 6,883.11            | 14,048.53           | 6,959.07            | 211.75          | 201.36      | -91.83                | -1,465.42                         | -6,443.08  | 2,395.49             | 1,982.56              | 412.93                  | 5.801             |                    |         |
| 14,400.00                  | 6,882.20            | 14,148.50           | 6,956.96            | 214.55          | 204.17      | -91.80                | -1,467.92                         | -6,543.00  | 2,393.33             | 1,974.79              | 418.53                  | 5.718             |                    |         |
| 14,500.00                  | 6,881.29            | 14,248.47           | 6,954.85            | 217.35          | 206.97      | -91.77                | -1,470.41                         | -6,642.91  | 2,391.17             | 1,967.02              | 424.15                  | 5.638             |                    |         |
| 14,600.00                  | 6,880.37            | 14,348.44           | 6,952.74            | 220.15          | 209.78      | -91.75                | -1,472.90                         | -6,742.83  | 2,389.01             | 1,959.25              | 429.76                  | 5.559             |                    |         |
| 14,700.00                  | 6,879.46            | 14,448.41           | 6,950.64            | 222.95          | 212.59      | -91.72                | -1,475.40                         | -6,842.75  | 2,386.85             | 1,951.48              | 435.37                  | 5.482             |                    |         |
| 14,800.00                  | 6,878.55            | 14,548.38           | 6,948.53            | 225.76          | 215.40      | -91.69                | -1,477.89                         | -6,942.66  | 2,384.70             | 1,943.71              | 440.99                  | 5.408             |                    |         |
| 14,900.00                  | 6,877.64            | 14,648.35           | 6,946.42            | 228.56          | 218.21      | -91.67                | -1,480.39                         | -7,042.58  | 2,382.54             | 1,935.93              | 446.61                  | 5.335             |                    |         |
| 15,000.00                  | 6,876.73            | 14,748.32           | 6,944.31            | 231.37          | 221.02      | -91.64                | -1,482.88                         | -7,142.50  | 2,380.38             | 1,928.15              | 452.23                  | 5.264             |                    |         |
| 15,100.00                  | 6,875.82            | 14,848.29           | 6,942.20            | 234.18          | 223.84      | -91.61                | -1,485.38                         | -7,242.41  | 2,378.23             | 1,920.38              | 457.85                  | 5.194             |                    |         |
| 15,200.00                  | 6,874.90            | 14,948.26           | 6,940.10            | 236.98          | 226.65      | -91.58                | -1,487.87                         | -7,342.33  | 2,376.07             | 1,912.60              | 463.48                  | 5.127             |                    |         |
| 15,300.00                  | 6,873.99            | 15,048.23           | 6,937.99            | 239.79          | 229.47      | -91.56                | -1,490.36                         | -7,442.25  | 2,373.92             | 1,904.82              | 469.10                  | 5.061             |                    |         |
| 15,400.00                  | 6,873.08            | 15,148.20           | 6,935.88            | 242.60          | 232.28      | -91.53                | -1,492.86                         | -7,542.17  | 2,371.76             | 1,897.04              | 474.73                  | 4.996             |                    |         |
| 15,500.00                  | 6,872.17            | 15,248.17           | 6,933.77            | 245.41          | 235.10      | -91.50                | -1,495.35                         | -7,642.08  | 2,369.61             | 1,889.25              | 480.36                  | 4.933             |                    |         |
| 15,600.00                  | 6,871.26            | 15,348.14           | 6,931.67            | 248.22          | 237.91      | -91.47                | -1,497.85                         | -7,742.00  | 2,367.46             | 1,881.47              | 485.99                  | 4.871             |                    |         |
| 15,700.00                  | 6,870.35            | 15,448.11           | 6,929.56            | 251.03          | 240.73      | -91.45                | -1,500.34                         | -7,841.92  | 2,365.31             | 1,873.69              | 491.62                  | 4.811             |                    |         |
| 15,737.91                  | 6,870.00            | 15,486.00           | 6,928.76            | 252.10          | 241.80      | -91.44                | -1,501.29                         | -7,879.79  | 2,364.49             | 1,870.74              | 493.75                  | 4.789             |                    |         |
| 15,738.53                  | 6,869.99            | 15,486.63           | 6,928.75            | 252.11          | 241.82      | -91.44                | -1,501.30                         | -7,880.41  | 2,364.48             | 1,870.69              | 493.79                  | 4.788 SF          |                    |         |



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                                    | 0.00                | 10.00               | 10.00               | 3.28            | 3.28        | -101.28               | -882.66                           | -4,426.30  | 4,513.45             |                       |                         |                   |                    |         |
| 100.00                                  | 100.00              | 110.00              | 110.00              | 3.28            | 3.89        | -101.28               | -882.66                           | -4,426.30  | 4,513.45             | 4,506.27              | 7.18                    | 628.925           |                    |         |
| 200.00                                  | 200.00              | 210.00              | 210.00              | 3.34            | 6.48        | -101.28               | -882.66                           | -4,426.30  | 4,513.45             | 4,503.63              | 9.81                    | 459.876           |                    |         |
| 300.00                                  | 300.00              | 310.00              | 310.00              | 3.44            | 9.65        | -101.28               | -882.66                           | -4,426.30  | 4,513.45             | 4,500.35              | 13.10                   | 344.644           |                    |         |
| 400.00                                  | 399.98              | 409.98              | 409.98              | 3.60            | 12.99       | -131.42               | -882.66                           | -4,426.30  | 4,514.60             | 4,498.01              | 16.59                   | 272.117           |                    |         |
| 500.00                                  | 499.84              | 509.84              | 509.84              | 3.81            | 16.38       | -131.41               | -882.66                           | -4,426.30  | 4,518.07             | 4,497.88              | 20.19                   | 223.777           |                    |         |
| 550.00                                  | 549.68              | 559.68              | 559.68              | 3.93            | 18.09       | -131.41               | -882.66                           | -4,426.30  | 4,520.67             | 4,498.65              | 22.02                   | 205.345           |                    |         |
| 600.00                                  | 599.45              | 609.45              | 609.45              | 4.06            | 19.80       | -133.71               | -882.66                           | -4,426.30  | 4,523.91             | 4,500.06              | 23.85                   | 189.670           |                    |         |
| 700.00                                  | 698.71              | 708.71              | 708.71              | 4.33            | 23.23       | -136.59               | -882.66                           | -4,426.30  | 4,532.56             | 4,505.01              | 27.55                   | 164.517           |                    |         |
| 800.00                                  | 797.49              | 807.49              | 807.49              | 4.64            | 26.65       | -138.32               | -882.66                           | -4,426.30  | 4,544.09             | 4,512.81              | 31.27                   | 145.298           |                    |         |
| 900.00                                  | 895.68              | 905.68              | 905.68              | 4.97            | 30.05       | -139.46               | -882.66                           | -4,426.30  | 4,558.49             | 4,523.48              | 35.01                   | 130.205           |                    |         |
| 1,000.00                                | 993.14              | 1,003.14            | 1,003.14            | 5.33            | 33.44       | -140.26               | -882.66                           | -4,426.30  | 4,575.75             | 4,537.00              | 38.75                   | 118.087           |                    |         |
| 1,039.84                                | 1,031.75            | 1,041.75            | 1,041.75            | 5.48            | 34.78       | -140.51               | -882.66                           | -4,426.30  | 4,583.43             | 4,543.19              | 40.24                   | 113.902           |                    |         |
| 1,100.00                                | 1,089.94            | 1,100.06            | 1,099.94            | 5.72            | 36.80       | -140.63               | -882.66                           | -4,426.30  | 4,595.38             | 4,552.89              | 42.49                   | 108.148           |                    |         |
| 1,200.00                                | 1,186.67            | 1,203.33            | 1,196.67            | 6.13            | 40.40       | -140.83               | -882.66                           | -4,426.30  | 4,615.28             | 4,568.82              | 46.47                   | 99.320            |                    |         |
| 1,300.00                                | 1,283.39            | 1,306.61            | 1,293.39            | 6.55            | 43.99       | -141.02               | -882.66                           | -4,426.30  | 4,635.24             | 4,584.78              | 50.46                   | 91.856            |                    |         |
| 1,400.00                                | 1,380.12            | 1,409.88            | 1,390.12            | 6.99            | 47.59       | -141.22               | -882.66                           | -4,426.30  | 4,655.25             | 4,600.78              | 54.47                   | 85.466            |                    |         |
| 1,500.00                                | 1,476.85            | 1,486.85            | 1,486.85            | 7.45            | 50.27       | -141.41               | -882.66                           | -4,426.30  | 4,675.31             | 4,617.74              | 57.57                   | 81.211            |                    |         |
| 1,600.00                                | 1,573.57            | 1,583.57            | 1,583.57            | 7.90            | 53.64       | -141.60               | -882.66                           | -4,426.30  | 4,695.43             | 4,634.06              | 61.37                   | 76.512            |                    |         |
| 1,700.00                                | 1,670.30            | 1,680.30            | 1,680.30            | 8.37            | 57.01       | -141.79               | -882.66                           | -4,426.30  | 4,715.59             | 4,650.42              | 65.17                   | 72.354            |                    |         |
| 1,800.00                                | 1,767.03            | 1,777.03            | 1,777.03            | 8.85            | 60.38       | -141.98               | -882.66                           | -4,426.30  | 4,735.80             | 4,666.82              | 68.99                   | 68.649            |                    |         |
| 1,900.00                                | 1,863.75            | 1,873.75            | 1,873.75            | 9.32            | 63.75       | -142.16               | -882.66                           | -4,426.30  | 4,756.07             | 4,683.26              | 72.80                   | 65.327            |                    |         |
| 2,000.00                                | 1,960.48            | 1,970.48            | 1,970.48            | 9.81            | 67.12       | -142.35               | -882.66                           | -4,426.30  | 4,776.38             | 4,699.76              | 76.63                   | 62.334            |                    |         |
| 2,100.00                                | 2,057.21            | 2,067.21            | 2,067.21            | 10.29           | 70.50       | -142.53               | -882.66                           | -4,426.30  | 4,796.74             | 4,716.29              | 80.45                   | 59.623            |                    |         |
| 2,200.00                                | 2,153.93            | 2,163.93            | 2,163.93            | 10.78           | 73.87       | -142.71               | -882.66                           | -4,426.30  | 4,817.15             | 4,732.87              | 84.28                   | 57.156            |                    |         |
| 2,300.00                                | 2,250.66            | 2,260.66            | 2,260.66            | 11.28           | 77.24       | -142.89               | -882.66                           | -4,426.30  | 4,837.61             | 4,749.49              | 88.11                   | 54.903            |                    |         |
| 2,400.00                                | 2,347.39            | 2,357.39            | 2,357.39            | 11.77           | 80.62       | -143.07               | -882.66                           | -4,426.30  | 4,858.11             | 4,766.16              | 91.95                   | 52.836            |                    |         |
| 2,500.00                                | 2,444.11            | 2,454.11            | 2,454.11            | 12.27           | 83.99       | -143.25               | -882.66                           | -4,426.30  | 4,878.65             | 4,782.87              | 95.78                   | 50.934            |                    |         |
| 2,600.00                                | 2,540.84            | 2,550.84            | 2,550.84            | 12.77           | 87.37       | -143.42               | -882.66                           | -4,426.30  | 4,899.25             | 4,799.63              | 99.62                   | 49.178            |                    |         |
| 2,700.00                                | 2,637.57            | 2,647.57            | 2,647.57            | 13.27           | 90.74       | -143.60               | -882.66                           | -4,426.30  | 4,919.89             | 4,816.42              | 103.46                  | 47.552            |                    |         |
| 2,800.00                                | 2,734.30            | 2,744.30            | 2,744.30            | 13.78           | 94.12       | -143.77               | -882.66                           | -4,426.30  | 4,940.57             | 4,833.26              | 107.30                  | 46.043            |                    |         |
| 2,900.00                                | 2,831.02            | 2,841.02            | 2,841.02            | 14.28           | 97.49       | -143.94               | -882.66                           | -4,426.30  | 4,961.29             | 4,850.14              | 111.15                  | 44.637            |                    |         |
| 3,000.00                                | 2,927.75            | 2,937.75            | 2,937.75            | 14.79           | 100.86      | -144.11               | -882.66                           | -4,426.30  | 4,982.06             | 4,867.07              | 114.99                  | 43.326            |                    |         |
| 3,100.00                                | 3,024.48            | 3,034.48            | 3,034.48            | 15.29           | 104.24      | -144.28               | -882.66                           | -4,426.30  | 5,002.87             | 4,884.03              | 118.84                  | 42.099            |                    |         |
| 3,200.00                                | 3,121.20            | 3,131.20            | 3,131.20            | 15.80           | 107.61      | -144.45               | -882.66                           | -4,426.30  | 5,023.72             | 4,901.04              | 122.68                  | 40.949            |                    |         |
| 3,300.00                                | 3,217.93            | 3,227.93            | 3,227.93            | 16.31           | 110.99      | -144.61               | -882.66                           | -4,426.30  | 5,044.62             | 4,918.09              | 126.53                  | 39.869            |                    |         |
| 3,400.00                                | 3,314.66            | 3,324.66            | 3,324.66            | 16.82           | 114.37      | -144.78               | -882.66                           | -4,426.30  | 5,065.55             | 4,935.18              | 130.38                  | 38.853            |                    |         |
| 3,500.00                                | 3,411.38            | 3,421.38            | 3,421.38            | 17.33           | 117.74      | -144.94               | -882.66                           | -4,426.30  | 5,086.53             | 4,952.30              | 134.23                  | 37.895            |                    |         |
| 3,600.00                                | 3,508.11            | 3,518.11            | 3,518.11            | 17.84           | 121.12      | -145.10               | -882.66                           | -4,426.30  | 5,107.54             | 4,969.47              | 138.07                  | 36.991            |                    |         |
| 3,700.00                                | 3,604.84            | 3,614.84            | 3,614.84            | 18.36           | 124.49      | -145.26               | -882.66                           | -4,426.30  | 5,128.60             | 4,986.68              | 141.92                  | 36.136            |                    |         |
| 3,800.00                                | 3,701.56            | 3,711.56            | 3,711.56            | 18.87           | 127.87      | -145.42               | -882.66                           | -4,426.30  | 5,149.69             | 5,003.92              | 145.77                  | 35.327            |                    |         |
| 3,900.00                                | 3,798.29            | 3,808.29            | 3,808.29            | 19.38           | 131.24      | -145.58               | -882.66                           | -4,426.30  | 5,170.83             | 5,021.20              | 149.62                  | 34.559            |                    |         |
| 4,000.00                                | 3,895.02            | 3,905.02            | 3,905.02            | 19.89           | 134.62      | -145.74               | -882.66                           | -4,426.30  | 5,192.00             | 5,038.52              | 153.47                  | 33.830            |                    |         |
| 4,100.00                                | 3,991.74            | 4,001.74            | 4,001.74            | 20.41           | 137.99      | -145.89               | -882.66                           | -4,426.30  | 5,213.20             | 5,055.88              | 157.33                  | 33.136            |                    |         |
| 4,200.00                                | 4,088.47            | 4,101.53            | 4,098.47            | 20.92           | 141.48      | -146.05               | -882.66                           | -4,426.30  | 5,234.45             | 5,073.17              | 161.28                  | 32.455            |                    |         |
| 4,300.00                                | 4,185.20            | 4,204.80            | 4,195.20            | 21.44           | 145.08      | -146.20               | -882.66                           | -4,426.30  | 5,255.73             | 5,090.37              | 165.36                  | 31.783            |                    |         |
| 4,400.00                                | 4,281.92            | 4,308.08            | 4,291.92            | 21.95           | 148.69      | -146.35               | -882.66                           | -4,426.30  | 5,277.05             | 5,107.60              | 169.44                  | 31.143            |                    |         |
| 4,500.00                                | 4,378.65            | 4,388.65            | 4,388.65            | 22.47           | 151.50      | -146.50               | -882.66                           | -4,426.30  | 5,298.40             | 5,125.67              | 172.73                  | 30.674            |                    |         |
| 4,600.00                                | 4,475.38            | 4,485.38            | 4,485.38            | 22.99           | 154.87      | -146.65               | -882.66                           | -4,426.30  | 5,319.79             | 5,143.21              | 176.59                  | 30.126            |                    |         |
| 4,700.00                                | 4,572.10            | 4,582.10            | 4,582.10            | 23.50           | 158.25      | -146.80               | -882.66                           | -4,426.30  | 5,341.22             | 5,160.78              | 180.44                  | 29.601            |                    |         |
| 4,800.00                                | 4,668.83            | 4,678.83            | 4,678.83            | 24.02           | 161.63      | -146.95               | -882.66                           | -4,426.30  | 5,362.67             | 5,178.38              | 184.29                  | 29.099            |                    |         |
| 4,900.00                                | 4,765.56            | 4,775.56            | 4,775.56            | 24.53           | 165.00      | -147.09               | -882.66                           | -4,426.30  | 5,384.17             | 5,196.02              | 188.14                  | 28.617            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                                | 4,862.28            | 4,872.28            | 4,872.28            | 25.05           | 168.38      | -147.24               | -882.66                           | -4,426.30  | 5,405.69             | 5,213.70              | 192.00                  | 28.155            |                    |         |
| 5,100.00                                | 4,959.01            | 4,969.01            | 4,969.01            | 25.57           | 171.75      | -147.38               | -882.66                           | -4,426.30  | 5,427.25             | 5,231.40              | 195.85                  | 27.711            |                    |         |
| 5,200.00                                | 5,055.74            | 5,065.74            | 5,065.74            | 26.09           | 175.13      | -147.52               | -882.66                           | -4,426.30  | 5,448.84             | 5,249.14              | 199.70                  | 27.285            |                    |         |
| 5,300.00                                | 5,152.46            | 5,162.46            | 5,162.46            | 26.60           | 178.51      | -147.66               | -882.66                           | -4,426.30  | 5,470.47             | 5,266.91              | 203.56                  | 26.875            |                    |         |
| 5,400.00                                | 5,249.19            | 5,259.19            | 5,259.19            | 27.12           | 181.88      | -147.80               | -882.66                           | -4,426.30  | 5,492.13             | 5,284.72              | 207.41                  | 26.480            |                    |         |
| 5,500.00                                | 5,345.92            | 5,355.92            | 5,355.92            | 27.64           | 185.26      | -147.94               | -882.66                           | -4,426.30  | 5,513.81             | 5,302.55              | 211.26                  | 26.099            |                    |         |
| 5,600.00                                | 5,442.65            | 5,452.65            | 5,452.65            | 28.16           | 188.64      | -148.08               | -882.66                           | -4,426.30  | 5,535.53             | 5,320.42              | 215.12                  | 25.733            |                    |         |
| 5,700.00                                | 5,539.37            | 5,549.37            | 5,549.37            | 28.68           | 192.01      | -148.22               | -882.66                           | -4,426.30  | 5,557.29             | 5,338.32              | 218.97                  | 25.379            |                    |         |
| 5,800.00                                | 5,636.10            | 5,646.10            | 5,646.10            | 29.20           | 195.39      | -148.35               | -882.66                           | -4,426.30  | 5,579.07             | 5,356.24              | 222.82                  | 25.038            |                    |         |
| 5,900.00                                | 5,732.83            | 5,742.83            | 5,742.83            | 29.71           | 198.76      | -148.49               | -882.66                           | -4,426.30  | 5,600.88             | 5,374.20              | 226.68                  | 24.709            |                    |         |
| 6,000.00                                | 5,829.55            | 5,839.55            | 5,839.55            | 30.23           | 202.14      | -148.62               | -882.66                           | -4,426.30  | 5,622.72             | 5,392.19              | 230.53                  | 24.390            |                    |         |
| 6,100.00                                | 5,926.28            | 5,936.28            | 5,936.28            | 30.75           | 205.52      | -148.76               | -882.66                           | -4,426.30  | 5,644.59             | 5,410.21              | 234.39                  | 24.082            |                    |         |
| 6,200.00                                | 6,023.01            | 6,033.01            | 6,033.01            | 31.27           | 208.89      | -148.89               | -882.66                           | -4,426.30  | 5,666.49             | 5,428.25              | 238.24                  | 23.785            |                    |         |
| 6,300.00                                | 6,119.73            | 6,129.73            | 6,129.73            | 31.79           | 212.27      | -149.02               | -882.66                           | -4,426.30  | 5,688.42             | 5,446.33              | 242.09                  | 23.497            |                    |         |
| 6,397.75                                | 6,214.28            | 6,224.28            | 6,224.28            | 32.30           | 215.57      | -149.15               | -882.66                           | -4,426.30  | 5,709.88             | 5,464.02              | 245.86                  | 23.224            |                    |         |
| 6,400.00                                | 6,216.46            | 6,226.46            | 6,226.46            | 32.31           | 215.65      | -148.55               | -882.66                           | -4,426.30  | 5,710.38             | 5,464.43              | 245.95                  | 23.218            |                    |         |
| 6,450.00                                | 6,265.12            | 6,275.12            | 6,275.12            | 32.56           | 217.34      | -132.28               | -882.66                           | -4,426.30  | 5,719.37             | 5,471.49              | 247.88                  | 23.073            |                    |         |
| 6,500.00                                | 6,314.12            | 6,324.12            | 6,324.12            | 32.78           | 219.05      | -110.77               | -882.66                           | -4,426.30  | 5,724.68             | 5,474.87              | 249.81                  | 22.916            |                    |         |
| 6,550.00                                | 6,363.16            | 6,373.16            | 6,373.16            | 32.99           | 220.77      | -88.56                | -882.66                           | -4,426.30  | 5,726.28             | 5,474.55              | 251.73                  | 22.747            |                    |         |
| 6,600.00                                | 6,411.94            | 6,421.94            | 6,421.94            | 33.18           | 222.47      | -71.18                | -882.66                           | -4,426.30  | 5,724.16             | 5,470.54              | 253.62                  | 22.569            |                    |         |
| 6,650.00                                | 6,460.15            | 6,470.15            | 6,470.15            | 33.35           | 224.15      | -59.49                | -882.66                           | -4,426.30  | 5,718.35             | 5,462.87              | 255.48                  | 22.383            |                    |         |
| 6,700.00                                | 6,507.49            | 6,517.49            | 6,517.49            | 33.52           | 225.80      | -51.89                | -882.66                           | -4,426.30  | 5,708.88             | 5,451.60              | 257.28                  | 22.189            |                    |         |
| 6,750.00                                | 6,553.69            | 6,563.69            | 6,563.69            | 33.69           | 227.42      | -46.94                | -882.66                           | -4,426.30  | 5,695.83             | 5,436.81              | 259.02                  | 21.990            |                    |         |
| 6,800.00                                | 6,598.44            | 6,608.44            | 6,608.44            | 33.85           | 228.98      | -43.71                | -882.66                           | -4,426.30  | 5,679.28             | 5,418.58              | 260.70                  | 21.785            |                    |         |
| 6,850.00                                | 6,641.47            | 6,651.47            | 6,651.47            | 34.02           | 230.48      | -41.68                | -882.66                           | -4,426.30  | 5,659.33             | 5,397.03              | 262.30                  | 21.576            |                    |         |
| 6,900.00                                | 6,682.53            | 6,692.53            | 6,692.53            | 34.19           | 232.44      | -40.53                | -882.66                           | -4,426.30  | 5,636.13             | 5,371.79              | 264.34                  | 21.322            |                    |         |
| 6,950.00                                | 6,721.35            | 6,731.35            | 6,731.35            | 34.38           | 233.27      | -40.09                | -882.66                           | -4,426.30  | 5,609.81             | 5,344.57              | 265.24                  | 21.150            |                    |         |
| 7,000.00                                | 6,757.70            | 6,767.70            | 6,767.70            | 34.57           | 234.54      | -40.28                | -882.66                           | -4,426.30  | 5,580.55             | 5,313.98              | 266.57                  | 20.935            |                    |         |
| 7,050.00                                | 6,791.35            | 6,801.35            | 6,801.35            | 34.79           | 235.71      | -41.06                | -882.66                           | -4,426.30  | 5,548.53             | 5,280.74              | 267.79                  | 20.719            |                    |         |
| 7,100.00                                | 6,822.10            | 6,832.10            | 6,832.10            | 35.03           | 236.79      | -42.44                | -882.66                           | -4,426.30  | 5,513.96             | 5,245.04              | 268.92                  | 20.504            |                    |         |
| 7,150.00                                | 6,849.75            | 6,859.75            | 6,859.75            | 35.30           | 237.75      | -44.47                | -882.66                           | -4,426.30  | 5,477.05             | 5,207.12              | 269.93                  | 20.291            |                    |         |
| 7,200.00                                | 6,874.14            | 6,884.14            | 6,884.14            | 35.61           | 238.60      | -47.24                | -882.66                           | -4,426.30  | 5,438.04             | 5,167.21              | 270.83                  | 20.079            |                    |         |
| 7,250.00                                | 6,895.11            | 6,905.11            | 6,905.11            | 35.95           | 239.33      | -50.90                | -882.66                           | -4,426.30  | 5,397.16             | 5,125.55              | 271.61                  | 19.871            |                    |         |
| 7,300.00                                | 6,912.54            | 6,922.54            | 6,922.54            | 36.34           | 239.94      | -55.63                | -882.66                           | -4,426.30  | 5,354.67             | 5,082.39              | 272.28                  | 19.666            |                    |         |
| 7,350.00                                | 6,926.31            | 6,936.31            | 6,936.31            | 36.77           | 240.42      | -61.63                | -882.66                           | -4,426.30  | 5,310.83             | 5,038.00              | 272.83                  | 19.466            |                    |         |
| 7,400.00                                | 6,936.35            | 6,946.35            | 6,946.35            | 37.25           | 240.77      | -69.12                | -882.66                           | -4,426.30  | 5,265.92             | 4,992.66              | 273.26                  | 19.271            |                    |         |
| 7,450.00                                | 6,942.59            | 6,952.59            | 6,952.59            | 37.76           | 240.99      | -78.18                | -882.66                           | -4,426.30  | 5,220.19             | 4,946.62              | 273.57                  | 19.082            |                    |         |
| 7,500.00                                | 6,944.99            | 6,954.99            | 6,954.99            | 38.31           | 241.08      | -88.63                | -882.66                           | -4,426.30  | 5,173.95             | 4,900.19              | 273.76                  | 18.900            |                    |         |
| 7,512.10                                | 6,945.00            | 6,955.00            | 6,955.00            | 38.44           | 241.08      | -91.32                | -882.66                           | -4,426.30  | 5,162.70             | 4,888.92              | 273.79                  | 18.857            |                    |         |
| 7,600.00                                | 6,944.19            | 6,954.19            | 6,954.19            | 39.51           | 241.05      | -91.29                | -882.66                           | -4,426.30  | 5,081.11             | 4,807.13              | 273.98                  | 18.546            |                    |         |
| 7,700.00                                | 6,943.28            | 6,953.28            | 6,953.28            | 40.90           | 241.02      | -91.26                | -882.66                           | -4,426.30  | 4,988.55             | 4,714.30              | 274.24                  | 18.190            |                    |         |
| 7,800.00                                | 6,942.37            | 6,952.37            | 6,952.37            | 42.44           | 240.98      | -91.24                | -882.66                           | -4,426.30  | 4,896.28             | 4,621.71              | 274.57                  | 17.833            |                    |         |
| 7,900.00                                | 6,941.46            | 6,951.46            | 6,951.46            | 44.11           | 240.95      | -91.21                | -882.66                           | -4,426.30  | 4,804.32             | 4,529.37              | 274.95                  | 17.474            |                    |         |
| 8,000.00                                | 6,940.55            | 6,950.55            | 6,950.55            | 45.90           | 240.92      | -91.18                | -882.66                           | -4,426.30  | 4,712.68             | 4,437.29              | 275.39                  | 17.112            |                    |         |
| 8,100.00                                | 6,939.64            | 6,949.64            | 6,949.64            | 47.80           | 240.89      | -91.15                | -882.66                           | -4,426.30  | 4,621.39             | 4,345.48              | 275.91                  | 16.750            |                    |         |
| 8,200.00                                | 6,938.72            | 6,948.72            | 6,948.72            | 49.79           | 240.86      | -91.13                | -882.66                           | -4,426.30  | 4,530.47             | 4,253.98              | 276.50                  | 16.385            |                    |         |
| 8,300.00                                | 6,937.81            | 6,947.81            | 6,947.81            | 51.86           | 240.83      | -91.10                | -882.66                           | -4,426.30  | 4,439.94             | 4,162.78              | 277.16                  | 16.019            |                    |         |
| 8,400.00                                | 6,936.90            | 6,946.90            | 6,946.90            | 54.01           | 240.79      | -91.07                | -882.66                           | -4,426.30  | 4,349.83             | 4,071.92              | 277.90                  | 15.652            |                    |         |
| 8,500.00                                | 6,935.99            | 6,945.99            | 6,945.99            | 56.21           | 240.76      | -91.04                | -882.66                           | -4,426.30  | 4,260.15             | 3,981.42              | 278.74                  | 15.284            |                    |         |
| 8,600.00                                | 6,935.08            | 6,945.08            | 6,945.08            | 58.47           | 240.73      | -91.02                | -882.66                           | -4,426.30  | 4,170.95             | 3,891.29              | 279.66                  | 14.915            |                    |         |
| 8,700.00                                | 6,934.17            | 6,944.17            | 6,944.17            | 60.78           | 240.70      | -90.99                | -882.66                           | -4,426.30  | 4,082.24             | 3,801.57              | 280.67                  | 14.544            |                    |         |
| 8,800.00                                | 6,933.25            | 6,943.25            | 6,943.25            | 63.13           | 240.67      | -90.96                | -882.66                           | -4,426.30  | 3,994.07             | 3,712.28              | 281.79                  | 14.174            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                                | 6,932.34            | 6,942.34            | 6,942.34            | 65.52           | 240.63      | -90.94                | -882.66                           | -4,426.30  | 3,906.47             | 3,623.46              | 283.01                  | 13.803            |                    |         |
| 9,000.00                                | 6,931.43            | 6,941.43            | 6,941.43            | 67.95           | 240.60      | -90.91                | -882.66                           | -4,426.30  | 3,819.47             | 3,535.13              | 284.34                  | 13.433            |                    |         |
| 9,100.00                                | 6,930.52            | 6,940.52            | 6,940.52            | 70.40           | 240.57      | -90.88                | -882.66                           | -4,426.30  | 3,733.13             | 3,447.35              | 285.79                  | 13.063            |                    |         |
| 9,200.00                                | 6,929.61            | 6,939.61            | 6,939.61            | 72.89           | 240.54      | -90.85                | -882.66                           | -4,426.30  | 3,647.49             | 3,360.14              | 287.35                  | 12.694            |                    |         |
| 9,300.00                                | 6,928.69            | 6,938.69            | 6,938.69            | 75.40           | 240.51      | -90.83                | -882.66                           | -4,426.30  | 3,562.59             | 3,273.56              | 289.04                  | 12.326            |                    |         |
| 9,400.00                                | 6,927.78            | 6,937.78            | 6,937.78            | 77.93           | 240.48      | -90.80                | -882.66                           | -4,426.30  | 3,478.50             | 3,187.65              | 290.85                  | 11.960            |                    |         |
| 9,500.00                                | 6,926.87            | 6,936.87            | 6,936.87            | 80.48           | 240.44      | -90.77                | -882.66                           | -4,426.30  | 3,395.27             | 3,102.47              | 292.80                  | 11.596            |                    |         |
| 9,600.00                                | 6,925.96            | 6,935.96            | 6,935.96            | 83.05           | 240.41      | -90.74                | -882.66                           | -4,426.30  | 3,312.96             | 3,018.08              | 294.89                  | 11.235            |                    |         |
| 9,700.00                                | 6,925.05            | 6,935.05            | 6,935.05            | 85.64           | 240.38      | -90.72                | -882.66                           | -4,426.30  | 3,231.66             | 2,934.54              | 297.12                  | 10.877            |                    |         |
| 9,800.00                                | 6,924.14            | 6,934.14            | 6,934.14            | 88.25           | 240.35      | -90.69                | -882.66                           | -4,426.30  | 3,151.43             | 2,851.93              | 299.50                  | 10.522            |                    |         |
| 9,900.00                                | 6,923.22            | 6,933.22            | 6,933.22            | 90.86           | 240.32      | -90.66                | -882.66                           | -4,426.30  | 3,072.35             | 2,770.32              | 302.03                  | 10.172            |                    |         |
| 10,000.00                               | 6,922.31            | 6,932.31            | 6,932.31            | 93.50           | 240.28      | -90.63                | -882.66                           | -4,426.30  | 2,994.54             | 2,689.81              | 304.72                  | 9.827             |                    |         |
| 10,100.00                               | 6,921.40            | 6,931.40            | 6,931.40            | 96.14           | 240.25      | -90.61                | -882.66                           | -4,426.30  | 2,918.07             | 2,610.49              | 307.58                  | 9.487             |                    |         |
| 10,200.00                               | 6,920.49            | 6,930.49            | 6,930.49            | 98.79           | 240.22      | -90.58                | -882.66                           | -4,426.30  | 2,843.06             | 2,532.46              | 310.60                  | 9.154             |                    |         |
| 10,300.00                               | 6,919.58            | 6,929.58            | 6,929.58            | 101.45          | 240.19      | -90.55                | -882.66                           | -4,426.30  | 2,769.63             | 2,455.85              | 313.78                  | 8.827             |                    |         |
| 10,400.00                               | 6,918.67            | 6,928.67            | 6,928.67            | 104.13          | 240.16      | -90.52                | -882.66                           | -4,426.30  | 2,697.91             | 2,380.77              | 317.14                  | 8.507             |                    |         |
| 10,500.00                               | 6,917.75            | 6,927.75            | 6,927.75            | 106.81          | 240.13      | -90.50                | -882.66                           | -4,426.30  | 2,628.04             | 2,307.37              | 320.68                  | 8.195             |                    |         |
| 10,600.00                               | 6,916.84            | 6,926.84            | 6,926.84            | 109.50          | 240.09      | -90.47                | -882.66                           | -4,426.30  | 2,560.17             | 2,235.79              | 324.38                  | 7.893             |                    |         |
| 10,700.00                               | 6,915.93            | 6,925.93            | 6,925.93            | 112.19          | 240.06      | -90.44                | -882.66                           | -4,426.30  | 2,494.46             | 2,166.21              | 328.25                  | 7.599             |                    |         |
| 10,800.00                               | 6,915.02            | 6,925.02            | 6,925.02            | 114.90          | 240.03      | -90.41                | -882.66                           | -4,426.30  | 2,431.09             | 2,098.81              | 332.28                  | 7.316             |                    |         |
| 10,900.00                               | 6,914.11            | 6,924.11            | 6,924.11            | 117.61          | 240.00      | -90.39                | -882.66                           | -4,426.30  | 2,370.25             | 2,033.78              | 336.46                  | 7.045             |                    |         |
| 11,000.00                               | 6,913.20            | 6,923.20            | 6,923.20            | 120.32          | 239.97      | -90.36                | -882.66                           | -4,426.30  | 2,312.13             | 1,971.34              | 340.79                  | 6.785             |                    |         |
| 11,100.00                               | 6,912.28            | 6,922.28            | 6,922.28            | 123.04          | 239.93      | -90.33                | -882.66                           | -4,426.30  | 2,256.94             | 1,911.71              | 345.23                  | 6.537             |                    |         |
| 11,200.00                               | 6,911.37            | 6,921.37            | 6,921.37            | 125.77          | 239.90      | -90.30                | -882.66                           | -4,426.30  | 2,204.91             | 1,855.13              | 349.78                  | 6.304             |                    |         |
| 11,300.00                               | 6,910.46            | 6,920.46            | 6,920.46            | 128.50          | 239.87      | -90.28                | -882.66                           | -4,426.30  | 2,156.27             | 1,801.86              | 354.41                  | 6.084             |                    |         |
| 11,400.00                               | 6,909.55            | 6,919.55            | 6,919.55            | 131.24          | 239.84      | -90.25                | -882.66                           | -4,426.30  | 2,111.25             | 1,752.17              | 359.07                  | 5.880             |                    |         |
| 11,500.00                               | 6,908.64            | 6,918.64            | 6,918.64            | 133.98          | 239.81      | -90.22                | -882.66                           | -4,426.30  | 2,070.07             | 1,706.33              | 363.75                  | 5.691             |                    |         |
| 11,600.00                               | 6,907.73            | 6,917.73            | 6,917.73            | 136.72          | 239.78      | -90.19                | -882.66                           | -4,426.30  | 2,032.99             | 1,664.61              | 368.38                  | 5.519             |                    |         |
| 11,700.00                               | 6,906.81            | 6,916.81            | 6,916.81            | 139.47          | 239.74      | -90.17                | -882.66                           | -4,426.30  | 2,000.23             | 1,627.30              | 372.93                  | 5.364             |                    |         |
| 11,800.00                               | 6,905.90            | 6,915.90            | 6,915.90            | 142.22          | 239.71      | -90.14                | -882.66                           | -4,426.30  | 1,971.99             | 1,594.65              | 377.34                  | 5.226             |                    |         |
| 11,900.00                               | 6,904.99            | 6,914.99            | 6,914.99            | 144.97          | 239.68      | -90.11                | -882.66                           | -4,426.30  | 1,948.49             | 1,566.92              | 381.57                  | 5.107             |                    |         |
| 12,000.00                               | 6,904.08            | 6,914.08            | 6,914.08            | 147.73          | 239.65      | -90.09                | -882.66                           | -4,426.30  | 1,929.88             | 1,544.33              | 385.55                  | 5.006             |                    |         |
| 12,100.00                               | 6,903.17            | 6,913.17            | 6,913.17            | 150.49          | 239.62      | -90.06                | -882.66                           | -4,426.30  | 1,916.32             | 1,527.08              | 389.24                  | 4.923             |                    |         |
| 12,200.00                               | 6,902.26            | 6,912.26            | 6,912.26            | 153.26          | 239.58      | -90.03                | -882.66                           | -4,426.30  | 1,907.91             | 1,515.32              | 392.59                  | 4.860             |                    |         |
| 12,300.00                               | 6,901.34            | 6,911.34            | 6,911.34            | 156.02          | 239.55      | -90.00                | -882.66                           | -4,426.30  | 1,904.72             | 1,509.15              | 395.57                  | 4.815             |                    |         |
| 12,310.81                               | 6,901.25            | 6,911.25            | 6,911.25            | 156.32          | 239.55      | -90.00                | -882.66                           | -4,426.30  | 1,904.69             | 1,508.82              | 395.87                  | 4.811 CC          |                    |         |
| 12,400.00                               | 6,900.43            | 6,910.43            | 6,910.43            | 158.79          | 239.52      | -89.98                | -882.66                           | -4,426.30  | 1,906.78             | 1,508.64              | 398.14                  | 4.789 ES          |                    |         |
| 12,500.00                               | 6,899.52            | 6,909.52            | 6,909.52            | 161.56          | 239.49      | -89.95                | -882.66                           | -4,426.30  | 1,914.07             | 1,513.77              | 400.29                  | 4.782 SF          |                    |         |
| 12,600.00                               | 6,898.61            | 6,908.61            | 6,908.61            | 164.34          | 239.46      | -89.92                | -882.66                           | -4,426.30  | 1,926.52             | 1,524.52              | 402.01                  | 4.792             |                    |         |
| 12,700.00                               | 6,897.70            | 6,907.70            | 6,907.70            | 167.11          | 239.43      | -89.89                | -882.66                           | -4,426.30  | 1,944.05             | 1,540.76              | 403.29                  | 4.820             |                    |         |
| 12,800.00                               | 6,896.79            | 6,906.79            | 6,906.79            | 169.89          | 239.39      | -89.87                | -882.66                           | -4,426.30  | 1,966.51             | 1,562.36              | 404.15                  | 4.866             |                    |         |
| 12,900.00                               | 6,895.87            | 6,905.87            | 6,905.87            | 172.67          | 239.36      | -89.84                | -882.66                           | -4,426.30  | 1,993.73             | 1,589.12              | 404.61                  | 4.928             |                    |         |
| 13,000.00                               | 6,894.96            | 6,904.96            | 6,904.96            | 175.45          | 239.33      | -89.81                | -882.66                           | -4,426.30  | 2,025.54             | 1,620.84              | 404.70                  | 5.005             |                    |         |
| 13,100.00                               | 6,894.05            | 6,904.05            | 6,904.05            | 178.23          | 239.30      | -89.78                | -882.66                           | -4,426.30  | 2,061.71             | 1,657.25              | 404.45                  | 5.098             |                    |         |
| 13,200.00                               | 6,893.14            | 6,903.14            | 6,903.14            | 181.02          | 239.27      | -89.76                | -882.66                           | -4,426.30  | 2,102.01             | 1,698.11              | 403.90                  | 5.204             |                    |         |
| 13,300.00                               | 6,892.23            | 6,902.23            | 6,902.23            | 183.80          | 239.23      | -89.73                | -882.66                           | -4,426.30  | 2,146.22             | 1,743.14              | 403.09                  | 5.324             |                    |         |
| 13,400.00                               | 6,891.31            | 6,901.31            | 6,901.31            | 186.59          | 239.20      | -89.70                | -882.66                           | -4,426.30  | 2,194.11             | 1,792.06              | 402.04                  | 5.457             |                    |         |
| 13,500.00                               | 6,890.40            | 6,900.40            | 6,900.40            | 189.38          | 239.17      | -89.67                | -882.66                           | -4,426.30  | 2,245.42             | 1,844.62              | 400.80                  | 5.602             |                    |         |
| 13,600.00                               | 6,889.49            | 6,900.51            | 6,899.49            | 192.17          | 239.17      | -89.65                | -882.66                           | -4,426.30  | 2,299.94             | 1,900.50              | 399.44                  | 5.758             |                    |         |
| 13,700.00                               | 6,888.58            | 6,901.42            | 6,898.58            | 194.97          | 239.21      | -89.62                | -882.66                           | -4,426.30  | 2,357.45             | 1,959.46              | 397.99                  | 5.923             |                    |         |
| 13,800.00                               | 6,887.67            | 6,902.33            | 6,897.67            | 197.76          | 239.24      | -89.59                | -882.66                           | -4,426.30  | 2,417.72             | 2,021.29              | 396.43                  | 6.099             |                    |         |
| 13,900.00                               | 6,886.76            | 6,903.24            | 6,896.76            | 200.56          | 239.27      | -89.56                | -882.66                           | -4,426.30  | 2,480.56             | 2,085.76              | 394.80                  | 6.283             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00                               | 6,885.84            | 6,904.16            | 6,895.84            | 203.35          | 239.30      | -89.54                | -882.66                           | -4,426.30  | 2,545.78             | 2,152.67              | 393.11                  | 6.476             |                    |         |
| 14,100.00                               | 6,884.93            | 6,905.07            | 6,894.93            | 206.15          | 239.33      | -89.51                | -882.66                           | -4,426.30  | 2,613.20             | 2,221.80              | 391.40                  | 6.677             |                    |         |
| 14,200.00                               | 6,884.02            | 6,905.98            | 6,894.02            | 208.95          | 239.37      | -89.48                | -882.66                           | -4,426.30  | 2,682.65             | 2,292.99              | 389.66                  | 6.885             |                    |         |
| 14,300.00                               | 6,883.11            | 6,906.89            | 6,893.11            | 211.75          | 239.40      | -89.45                | -882.66                           | -4,426.30  | 2,753.98             | 2,366.06              | 387.92                  | 7.099             |                    |         |
| 14,400.00                               | 6,882.20            | 6,907.80            | 6,892.20            | 214.55          | 239.43      | -89.43                | -882.66                           | -4,426.30  | 2,827.05             | 2,440.86              | 386.19                  | 7.320             |                    |         |
| 14,500.00                               | 6,881.29            | 6,908.71            | 6,891.29            | 217.35          | 239.46      | -89.40                | -882.66                           | -4,426.30  | 2,901.73             | 2,517.26              | 384.47                  | 7.547             |                    |         |
| 14,600.00                               | 6,880.37            | 6,909.63            | 6,890.37            | 220.15          | 239.49      | -89.37                | -882.66                           | -4,426.30  | 2,977.89             | 2,595.11              | 382.78                  | 7.780             |                    |         |
| 14,700.00                               | 6,879.46            | 6,889.46            | 6,889.46            | 222.95          | 238.79      | -89.34                | -882.66                           | -4,426.30  | 3,055.43             | 2,675.05              | 380.38                  | 8.033             |                    |         |
| 14,800.00                               | 6,878.55            | 6,888.55            | 6,888.55            | 225.76          | 238.76      | -89.32                | -882.66                           | -4,426.30  | 3,134.23             | 2,755.55              | 378.68                  | 8.277             |                    |         |
| 14,900.00                               | 6,877.64            | 6,887.64            | 6,887.64            | 228.56          | 238.72      | -89.29                | -882.66                           | -4,426.30  | 3,214.22             | 2,837.20              | 377.02                  | 8.525             |                    |         |
| 15,000.00                               | 6,876.73            | 6,886.73            | 6,886.73            | 231.37          | 238.69      | -89.26                | -882.66                           | -4,426.30  | 3,295.30             | 2,919.90              | 375.41                  | 8.778             |                    |         |
| 15,100.00                               | 6,875.82            | 6,885.82            | 6,885.82            | 234.18          | 238.66      | -89.24                | -882.66                           | -4,426.30  | 3,377.40             | 3,003.57              | 373.83                  | 9.035             |                    |         |
| 15,200.00                               | 6,874.90            | 6,884.90            | 6,884.90            | 236.98          | 238.63      | -89.21                | -882.66                           | -4,426.30  | 3,460.43             | 3,088.14              | 372.29                  | 9.295             |                    |         |
| 15,300.00                               | 6,873.99            | 6,883.99            | 6,883.99            | 239.79          | 238.60      | -89.18                | -882.66                           | -4,426.30  | 3,544.35             | 3,173.54              | 370.80                  | 9.559             |                    |         |
| 15,400.00                               | 6,873.08            | 6,883.08            | 6,883.08            | 242.60          | 238.57      | -89.15                | -882.66                           | -4,426.30  | 3,629.07             | 3,259.72              | 369.35                  | 9.825             |                    |         |
| 15,500.00                               | 6,872.17            | 6,882.17            | 6,882.17            | 245.41          | 238.53      | -89.13                | -882.66                           | -4,426.30  | 3,714.56             | 3,346.61              | 367.95                  | 10.095            |                    |         |
| 15,600.00                               | 6,871.26            | 6,881.26            | 6,881.26            | 248.22          | 238.50      | -89.10                | -882.66                           | -4,426.30  | 3,800.76             | 3,434.17              | 366.58                  | 10.368            |                    |         |
| 15,700.00                               | 6,870.35            | 6,880.35            | 6,880.35            | 251.03          | 238.47      | -89.07                | -882.66                           | -4,426.30  | 3,887.61             | 3,522.35              | 365.26                  | 10.643            |                    |         |
| 15,737.91                               | 6,870.00            | 6,880.00            | 6,880.00            | 252.10          | 238.46      | -89.06                | -882.66                           | -4,426.30  | 3,920.70             | 3,555.93              | 364.77                  | 10.748            |                    |         |
| 15,738.53                               | 6,869.99            | 6,879.99            | 6,879.99            | 252.11          | 238.46      | -89.06                | -882.66                           | -4,426.30  | 3,921.24             | 3,556.48              | 364.76                  | 10.750            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.00 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                                    | 0.00                | 0.00                | 0.00                | 3.28            | 0.00        | -86.05                | 294.00                            | -4,256.28  | 4,266.56             |                       |                         |                   |                    |         |
| 100.00                                  | 100.00              | 66.00               | 66.00               | 3.28            | 1.15        | -86.05                | 294.00                            | -4,256.28  | 4,266.42             | 4,261.98              | 4.44                    | 961.597           |                    |         |
| 200.00                                  | 200.00              | 166.00              | 166.00              | 3.34            | 4.05        | -86.05                | 294.00                            | -4,256.28  | 4,266.42             | 4,259.03              | 7.39                    | 577.590           |                    |         |
| 300.00                                  | 300.00              | 266.00              | 266.00              | 3.44            | 7.54        | -86.05                | 294.00                            | -4,256.28  | 4,266.42             | 4,255.44              | 10.99                   | 388.369           |                    |         |
| 400.00                                  | 399.98              | 365.98              | 365.98              | 3.60            | 11.03       | -116.20               | 294.00                            | -4,256.28  | 4,267.19             | 4,252.56              | 14.63                   | 291.605           |                    |         |
| 500.00                                  | 499.84              | 465.84              | 465.84              | 3.81            | 14.52       | -116.22               | 294.00                            | -4,256.28  | 4,269.51             | 4,251.18              | 18.32                   | 233.036           |                    |         |
| 550.00                                  | 549.68              | 515.68              | 515.68              | 3.93            | 16.26       | -116.23               | 294.00                            | -4,256.28  | 4,271.24             | 4,251.07              | 20.18                   | 211.686           |                    |         |
| 600.00                                  | 599.45              | 565.45              | 565.45              | 4.06            | 17.99       | -118.54               | 294.00                            | -4,256.28  | 4,273.46             | 4,251.42              | 22.04                   | 193.901           |                    |         |
| 700.00                                  | 698.71              | 664.71              | 664.71              | 4.33            | 21.46       | -121.47               | 294.00                            | -4,256.28  | 4,279.59             | 4,253.81              | 25.78                   | 166.012           |                    |         |
| 800.00                                  | 797.49              | 763.49              | 763.49              | 4.64            | 24.91       | -123.24               | 294.00                            | -4,256.28  | 4,288.00             | 4,258.46              | 29.53                   | 145.196           |                    |         |
| 900.00                                  | 895.68              | 861.68              | 861.68              | 4.97            | 28.34       | -124.43               | 294.00                            | -4,256.28  | 4,298.69             | 4,265.40              | 33.29                   | 129.120           |                    |         |
| 1,000.00                                | 993.14              | 959.14              | 959.14              | 5.33            | 31.74       | -125.29               | 294.00                            | -4,256.28  | 4,311.69             | 4,274.64              | 37.05                   | 116.367           |                    |         |
| 1,039.84                                | 1,031.75            | 1,002.25            | 997.75              | 5.48            | 33.24       | -125.57               | 294.00                            | -4,256.28  | 4,317.52             | 4,278.81              | 38.71                   | 111.542           |                    |         |
| 1,100.00                                | 1,089.94            | 1,055.94            | 1,055.94            | 5.72            | 35.12       | -125.73               | 294.00                            | -4,256.28  | 4,326.61             | 4,285.80              | 40.81                   | 106.016           |                    |         |
| 1,200.00                                | 1,186.67            | 1,152.67            | 1,152.67            | 6.13            | 38.49       | -126.00               | 294.00                            | -4,256.28  | 4,341.80             | 4,297.22              | 44.58                   | 97.389            |                    |         |
| 1,300.00                                | 1,283.39            | 1,249.39            | 1,249.39            | 6.55            | 41.87       | -126.26               | 294.00                            | -4,256.28  | 4,357.09             | 4,308.72              | 48.37                   | 90.082            |                    |         |
| 1,400.00                                | 1,380.12            | 1,346.12            | 1,346.12            | 6.99            | 45.25       | -126.52               | 294.00                            | -4,256.28  | 4,372.47             | 4,320.31              | 52.17                   | 83.819            |                    |         |
| 1,500.00                                | 1,476.85            | 1,442.85            | 1,442.85            | 7.45            | 48.62       | -126.78               | 294.00                            | -4,256.28  | 4,387.94             | 4,331.97              | 55.97                   | 78.394            |                    |         |
| 1,600.00                                | 1,573.57            | 1,539.57            | 1,539.57            | 7.90            | 52.00       | -127.04               | 294.00                            | -4,256.28  | 4,403.51             | 4,343.72              | 59.79                   | 73.651            |                    |         |
| 1,700.00                                | 1,670.30            | 1,636.30            | 1,636.30            | 8.37            | 55.38       | -127.30               | 294.00                            | -4,256.28  | 4,419.16             | 4,355.55              | 63.61                   | 69.472            |                    |         |
| 1,800.00                                | 1,767.03            | 1,733.03            | 1,733.03            | 8.85            | 58.75       | -127.56               | 294.00                            | -4,256.28  | 4,434.91             | 4,367.47              | 67.44                   | 65.762            |                    |         |
| 1,900.00                                | 1,863.75            | 1,829.75            | 1,829.75            | 9.32            | 62.13       | -127.81               | 294.00                            | -4,256.28  | 4,450.75             | 4,379.47              | 71.27                   | 62.447            |                    |         |
| 2,000.00                                | 1,960.48            | 1,926.48            | 1,926.48            | 9.81            | 65.51       | -128.06               | 294.00                            | -4,256.28  | 4,466.67             | 4,391.56              | 75.11                   | 59.469            |                    |         |
| 2,100.00                                | 2,057.21            | 2,023.21            | 2,023.21            | 10.29           | 68.88       | -128.31               | 294.00                            | -4,256.28  | 4,482.68             | 4,403.73              | 78.95                   | 56.779            |                    |         |
| 2,200.00                                | 2,153.93            | 2,119.93            | 2,119.93            | 10.78           | 72.26       | -128.56               | 294.00                            | -4,256.28  | 4,498.77             | 4,415.98              | 82.79                   | 54.338            |                    |         |
| 2,300.00                                | 2,250.66            | 2,216.66            | 2,216.66            | 11.28           | 75.64       | -128.81               | 294.00                            | -4,256.28  | 4,514.95             | 4,428.32              | 86.64                   | 52.113            |                    |         |
| 2,400.00                                | 2,347.39            | 2,313.39            | 2,313.39            | 11.77           | 79.02       | -129.05               | 294.00                            | -4,256.28  | 4,531.22             | 4,440.74              | 90.49                   | 50.077            |                    |         |
| 2,500.00                                | 2,444.11            | 2,410.11            | 2,410.11            | 12.27           | 82.39       | -129.30               | 294.00                            | -4,256.28  | 4,547.57             | 4,453.23              | 94.33                   | 48.207            |                    |         |
| 2,600.00                                | 2,540.84            | 2,506.84            | 2,506.84            | 12.77           | 85.77       | -129.54               | 294.00                            | -4,256.28  | 4,564.00             | 4,465.81              | 98.19                   | 46.483            |                    |         |
| 2,700.00                                | 2,637.57            | 2,603.57            | 2,603.57            | 13.27           | 89.15       | -129.78               | 294.00                            | -4,256.28  | 4,580.51             | 4,478.48              | 102.04                  | 44.890            |                    |         |
| 2,800.00                                | 2,734.30            | 2,700.30            | 2,700.30            | 13.78           | 92.52       | -130.02               | 294.00                            | -4,256.28  | 4,597.11             | 4,491.22              | 105.89                  | 43.413            |                    |         |
| 2,900.00                                | 2,831.02            | 2,802.98            | 2,797.02            | 14.28           | 96.11       | -130.25               | 294.00                            | -4,256.28  | 4,613.78             | 4,503.83              | 109.95                  | 41.961            |                    |         |
| 3,000.00                                | 2,927.75            | 2,906.25            | 2,893.75            | 14.79           | 99.71       | -130.49               | 294.00                            | -4,256.28  | 4,630.53             | 4,516.50              | 114.04                  | 40.605            |                    |         |
| 3,100.00                                | 3,024.48            | 3,009.52            | 2,990.48            | 15.29           | 103.32      | -130.72               | 294.00                            | -4,256.28  | 4,647.37             | 4,529.24              | 118.12                  | 39.343            |                    |         |
| 3,200.00                                | 3,121.20            | 3,087.20            | 3,087.20            | 15.80           | 106.03      | -130.95               | 294.00                            | -4,256.28  | 4,664.27             | 4,542.96              | 121.32                  | 38.447            |                    |         |
| 3,300.00                                | 3,217.93            | 3,183.93            | 3,183.93            | 16.31           | 109.41      | -131.18               | 294.00                            | -4,256.28  | 4,681.26             | 4,556.09              | 125.17                  | 37.398            |                    |         |
| 3,400.00                                | 3,314.66            | 3,280.66            | 3,280.66            | 16.82           | 112.78      | -131.41               | 294.00                            | -4,256.28  | 4,698.32             | 4,569.29              | 129.03                  | 36.412            |                    |         |
| 3,500.00                                | 3,411.38            | 3,377.38            | 3,377.38            | 17.33           | 116.16      | -131.64               | 294.00                            | -4,256.28  | 4,715.45             | 4,582.56              | 132.89                  | 35.484            |                    |         |
| 3,600.00                                | 3,508.11            | 3,474.11            | 3,474.11            | 17.84           | 119.54      | -131.87               | 294.00                            | -4,256.28  | 4,732.66             | 4,595.91              | 136.75                  | 34.609            |                    |         |
| 3,700.00                                | 3,604.84            | 3,570.84            | 3,570.84            | 18.36           | 122.91      | -132.09               | 294.00                            | -4,256.28  | 4,749.95             | 4,609.34              | 140.61                  | 33.782            |                    |         |
| 3,800.00                                | 3,701.56            | 3,667.56            | 3,667.56            | 18.87           | 126.29      | -132.31               | 294.00                            | -4,256.28  | 4,767.30             | 4,622.83              | 144.47                  | 32.999            |                    |         |
| 3,900.00                                | 3,798.29            | 3,764.29            | 3,764.29            | 19.38           | 129.67      | -132.53               | 294.00                            | -4,256.28  | 4,784.73             | 4,636.40              | 148.33                  | 32.258            |                    |         |
| 4,000.00                                | 3,895.02            | 3,861.02            | 3,861.02            | 19.89           | 133.04      | -132.75               | 294.00                            | -4,256.28  | 4,802.22             | 4,650.04              | 152.19                  | 31.555            |                    |         |
| 4,100.00                                | 3,991.74            | 3,957.74            | 3,957.74            | 20.41           | 136.42      | -132.97               | 294.00                            | -4,256.28  | 4,819.79             | 4,663.75              | 156.05                  | 30.887            |                    |         |
| 4,200.00                                | 4,088.47            | 4,054.47            | 4,054.47            | 20.92           | 139.80      | -133.18               | 294.00                            | -4,256.28  | 4,837.43             | 4,677.52              | 159.91                  | 30.252            |                    |         |
| 4,300.00                                | 4,185.20            | 4,151.20            | 4,151.20            | 21.44           | 143.17      | -133.40               | 294.00                            | -4,256.28  | 4,855.13             | 4,691.37              | 163.77                  | 29.647            |                    |         |
| 4,400.00                                | 4,281.92            | 4,247.92            | 4,247.92            | 21.95           | 146.55      | -133.61               | 294.00                            | -4,256.28  | 4,872.91             | 4,705.28              | 167.63                  | 29.070            |                    |         |
| 4,500.00                                | 4,378.65            | 4,344.65            | 4,344.65            | 22.47           | 149.93      | -133.82               | 294.00                            | -4,256.28  | 4,890.75             | 4,719.26              | 171.49                  | 28.519            |                    |         |
| 4,600.00                                | 4,475.38            | 4,441.38            | 4,441.38            | 22.99           | 153.30      | -134.03               | 294.00                            | -4,256.28  | 4,908.65             | 4,733.31              | 175.35                  | 27.994            |                    |         |
| 4,700.00                                | 4,572.10            | 4,538.10            | 4,538.10            | 23.50           | 156.68      | -134.24               | 294.00                            | -4,256.28  | 4,926.63             | 4,747.42              | 179.21                  | 27.491            |                    |         |
| 4,800.00                                | 4,668.83            | 4,634.83            | 4,634.83            | 24.02           | 160.06      | -134.45               | 294.00                            | -4,256.28  | 4,944.66             | 4,761.59              | 183.07                  | 27.010            |                    |         |
| 4,900.00                                | 4,765.56            | 4,731.56            | 4,731.56            | 24.53           | 163.43      | -134.66               | 294.00                            | -4,256.28  | 4,962.76             | 4,775.83              | 186.93                  | 26.549            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.00 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                                | 4,862.28            | 4,828.28            | 4,828.28            | 25.05           | 166.81      | -134.86               | 294.00                            | -4,256.28  | 4,980.93             | 4,790.14              | 190.79                  | 26.107            |                    |         |
| 5,100.00                                | 4,959.01            | 4,925.01            | 4,925.01            | 25.57           | 170.19      | -135.06               | 294.00                            | -4,256.28  | 4,999.16             | 4,804.51              | 194.65                  | 25.683            |                    |         |
| 5,200.00                                | 5,055.74            | 5,021.74            | 5,021.74            | 26.09           | 173.56      | -135.26               | 294.00                            | -4,256.28  | 5,017.45             | 4,818.94              | 198.51                  | 25.275            |                    |         |
| 5,300.00                                | 5,152.46            | 5,118.46            | 5,118.46            | 26.60           | 176.94      | -135.46               | 294.00                            | -4,256.28  | 5,035.80             | 4,833.43              | 202.37                  | 24.884            |                    |         |
| 5,400.00                                | 5,249.19            | 5,215.19            | 5,215.19            | 27.12           | 180.32      | -135.66               | 294.00                            | -4,256.28  | 5,054.21             | 4,847.98              | 206.23                  | 24.507            |                    |         |
| 5,500.00                                | 5,345.92            | 5,311.92            | 5,311.92            | 27.64           | 183.69      | -135.86               | 294.00                            | -4,256.28  | 5,072.68             | 4,862.59              | 210.09                  | 24.145            |                    |         |
| 5,600.00                                | 5,442.65            | 5,408.65            | 5,408.65            | 28.16           | 187.07      | -136.06               | 294.00                            | -4,256.28  | 5,091.21             | 4,877.26              | 213.95                  | 23.796            |                    |         |
| 5,700.00                                | 5,539.37            | 5,505.37            | 5,505.37            | 28.68           | 190.45      | -136.25               | 294.00                            | -4,256.28  | 5,109.80             | 4,891.99              | 217.81                  | 23.460            |                    |         |
| 5,800.00                                | 5,636.10            | 5,602.10            | 5,602.10            | 29.20           | 193.82      | -136.44               | 294.00                            | -4,256.28  | 5,128.45             | 4,906.78              | 221.67                  | 23.135            |                    |         |
| 5,900.00                                | 5,732.83            | 5,701.17            | 5,698.83            | 29.71           | 197.28      | -136.63               | 294.00                            | -4,256.28  | 5,147.16             | 4,921.54              | 225.61                  | 22.814            |                    |         |
| 6,000.00                                | 5,829.55            | 5,804.45            | 5,795.55            | 30.23           | 200.89      | -136.83               | 294.00                            | -4,256.28  | 5,165.92             | 4,936.22              | 229.70                  | 22.490            |                    |         |
| 6,100.00                                | 5,926.28            | 5,907.72            | 5,892.28            | 30.75           | 204.49      | -137.01               | 294.00                            | -4,256.28  | 5,184.74             | 4,950.95              | 233.79                  | 22.177            |                    |         |
| 6,200.00                                | 6,023.01            | 5,989.01            | 5,989.01            | 31.27           | 207.33      | -137.20               | 294.00                            | -4,256.28  | 5,203.62             | 4,966.50              | 237.11                  | 21.946            |                    |         |
| 6,300.00                                | 6,119.73            | 6,085.73            | 6,085.73            | 31.79           | 210.71      | -137.39               | 294.00                            | -4,256.28  | 5,222.55             | 4,981.57              | 240.97                  | 21.673            |                    |         |
| 6,397.75                                | 6,214.28            | 6,180.28            | 6,180.28            | 32.30           | 214.01      | -137.57               | 294.00                            | -4,256.28  | 5,241.10             | 4,996.36              | 244.74                  | 21.415            |                    |         |
| 6,400.00                                | 6,216.46            | 6,182.46            | 6,182.46            | 32.31           | 214.08      | -136.98               | 294.00                            | -4,256.28  | 5,241.53             | 4,996.70              | 244.83                  | 21.409            |                    |         |
| 6,450.00                                | 6,265.12            | 6,231.12            | 6,231.12            | 32.56           | 215.78      | -120.92               | 294.00                            | -4,256.28  | 5,248.94             | 5,002.18              | 246.76                  | 21.271            |                    |         |
| 6,500.00                                | 6,314.12            | 6,280.12            | 6,280.12            | 32.78           | 217.49      | -99.53                | 294.00                            | -4,256.28  | 5,252.50             | 5,003.80              | 248.70                  | 21.120            |                    |         |
| 6,550.00                                | 6,363.16            | 6,329.16            | 6,329.16            | 32.99           | 219.21      | -77.38                | 294.00                            | -4,256.28  | 5,252.17             | 5,001.56              | 250.62                  | 20.957            |                    |         |
| 6,600.00                                | 6,411.94            | 6,377.94            | 6,377.94            | 33.18           | 220.91      | -59.99                | 294.00                            | -4,256.28  | 5,247.98             | 4,995.47              | 252.50                  | 20.784            |                    |         |
| 6,650.00                                | 6,460.15            | 6,426.15            | 6,426.15            | 33.35           | 222.59      | -48.22                | 294.00                            | -4,256.28  | 5,239.93             | 4,985.58              | 254.35                  | 20.601            |                    |         |
| 6,700.00                                | 6,507.49            | 6,473.49            | 6,473.49            | 33.52           | 224.24      | -40.48                | 294.00                            | -4,256.28  | 5,228.09             | 4,971.94              | 256.15                  | 20.410            |                    |         |
| 6,750.00                                | 6,553.69            | 6,519.69            | 6,519.69            | 33.69           | 225.86      | -35.30                | 294.00                            | -4,256.28  | 5,212.53             | 4,954.64              | 257.89                  | 20.213            |                    |         |
| 6,800.00                                | 6,598.44            | 6,564.44            | 6,564.44            | 33.85           | 227.42      | -31.78                | 294.00                            | -4,256.28  | 5,193.35             | 4,933.79              | 259.55                  | 20.009            |                    |         |
| 6,850.00                                | 6,641.47            | 6,607.47            | 6,607.47            | 34.02           | 228.92      | -29.37                | 294.00                            | -4,256.28  | 5,170.66             | 4,909.52              | 261.15                  | 19.800            |                    |         |
| 6,900.00                                | 6,682.53            | 6,648.53            | 6,648.53            | 34.19           | 230.36      | -27.75                | 294.00                            | -4,256.28  | 5,144.61             | 4,881.96              | 262.65                  | 19.587            |                    |         |
| 6,950.00                                | 6,721.35            | 6,687.35            | 6,687.35            | 34.38           | 231.71      | -26.75                | 294.00                            | -4,256.28  | 5,115.37             | 4,851.30              | 264.06                  | 19.372            |                    |         |
| 7,000.00                                | 6,757.70            | 6,723.70            | 6,723.70            | 34.57           | 232.98      | -26.26                | 294.00                            | -4,256.28  | 5,083.10             | 4,817.72              | 265.38                  | 19.154            |                    |         |
| 7,050.00                                | 6,791.35            | 6,757.35            | 6,757.35            | 34.79           | 234.15      | -26.23                | 294.00                            | -4,256.28  | 5,048.01             | 4,781.42              | 266.59                  | 18.936            |                    |         |
| 7,100.00                                | 6,822.10            | 6,788.10            | 6,788.10            | 35.03           | 235.23      | -26.67                | 294.00                            | -4,256.28  | 5,010.31             | 4,742.63              | 267.68                  | 18.717            |                    |         |
| 7,150.00                                | 6,849.75            | 6,815.75            | 6,815.75            | 35.30           | 236.19      | -27.62                | 294.00                            | -4,256.28  | 4,970.24             | 4,701.57              | 268.67                  | 18.500            |                    |         |
| 7,200.00                                | 6,874.14            | 6,840.14            | 6,840.14            | 35.61           | 237.04      | -29.21                | 294.00                            | -4,256.28  | 4,928.04             | 4,658.51              | 269.53                  | 18.284            |                    |         |
| 7,250.00                                | 6,895.11            | 6,861.11            | 6,861.11            | 35.95           | 237.78      | -31.64                | 294.00                            | -4,256.28  | 4,883.97             | 4,613.70              | 270.27                  | 18.071            |                    |         |
| 7,300.00                                | 6,912.54            | 6,878.54            | 6,878.54            | 36.34           | 238.38      | -35.29                | 294.00                            | -4,256.28  | 4,838.30             | 4,567.42              | 270.88                  | 17.861            |                    |         |
| 7,350.00                                | 6,926.31            | 6,907.69            | 6,892.31            | 36.77           | 239.40      | -40.86                | 294.00                            | -4,256.28  | 4,791.31             | 4,519.40              | 271.91                  | 17.621            |                    |         |
| 7,400.00                                | 6,936.35            | 6,902.35            | 6,902.35            | 37.25           | 239.22      | -49.67                | 294.00                            | -4,256.28  | 4,743.28             | 4,471.55              | 271.73                  | 17.456            |                    |         |
| 7,450.00                                | 6,942.59            | 6,908.59            | 6,908.59            | 37.76           | 239.43      | -64.10                | 294.00                            | -4,256.28  | 4,694.51             | 4,422.55              | 271.96                  | 17.262            |                    |         |
| 7,500.00                                | 6,944.99            | 6,910.99            | 6,910.99            | 38.31           | 239.52      | -86.68                | 294.00                            | -4,256.28  | 4,645.30             | 4,373.24              | 272.06                  | 17.075            |                    |         |
| 7,512.10                                | 6,945.00            | 6,911.00            | 6,911.00            | 38.44           | 239.52      | -93.24                | 294.00                            | -4,256.28  | 4,633.35             | 4,361.29              | 272.06                  | 17.030            |                    |         |
| 7,600.00                                | 6,944.19            | 6,910.19            | 6,910.19            | 39.51           | 239.49      | -93.18                | 294.00                            | -4,256.28  | 4,546.60             | 4,274.52              | 272.08                  | 16.711            |                    |         |
| 7,700.00                                | 6,943.28            | 6,909.28            | 6,909.28            | 40.90           | 239.46      | -93.11                | 294.00                            | -4,256.28  | 4,447.96             | 4,175.85              | 272.11                  | 16.346            |                    |         |
| 7,800.00                                | 6,942.37            | 6,908.37            | 6,908.37            | 42.44           | 239.43      | -93.03                | 294.00                            | -4,256.28  | 4,349.37             | 4,077.23              | 272.15                  | 15.982            |                    |         |
| 7,900.00                                | 6,941.46            | 6,907.46            | 6,907.46            | 44.11           | 239.39      | -92.96                | 294.00                            | -4,256.28  | 4,250.86             | 3,978.65              | 272.20                  | 15.616            |                    |         |
| 8,000.00                                | 6,940.55            | 6,906.55            | 6,906.55            | 45.90           | 239.36      | -92.89                | 294.00                            | -4,256.28  | 4,152.41             | 3,880.14              | 272.28                  | 15.251            |                    |         |
| 8,100.00                                | 6,939.64            | 6,905.64            | 6,905.64            | 47.80           | 239.33      | -92.82                | 294.00                            | -4,256.28  | 4,054.05             | 3,781.68              | 272.37                  | 14.885            |                    |         |
| 8,200.00                                | 6,938.72            | 6,904.72            | 6,904.72            | 49.79           | 239.30      | -92.75                | 294.00                            | -4,256.28  | 3,955.76             | 3,683.28              | 272.48                  | 14.518            |                    |         |
| 8,300.00                                | 6,937.81            | 6,903.81            | 6,903.81            | 51.86           | 239.27      | -92.68                | 294.00                            | -4,256.28  | 3,857.56             | 3,584.95              | 272.61                  | 14.151            |                    |         |
| 8,400.00                                | 6,936.90            | 6,902.90            | 6,902.90            | 54.01           | 239.24      | -92.61                | 294.00                            | -4,256.28  | 3,759.45             | 3,486.69              | 272.76                  | 13.783            |                    |         |
| 8,500.00                                | 6,935.99            | 6,901.99            | 6,901.99            | 56.21           | 239.20      | -92.54                | 294.00                            | -4,256.28  | 3,661.45             | 3,388.51              | 272.95                  | 13.415            |                    |         |
| 8,600.00                                | 6,935.08            | 6,901.08            | 6,901.08            | 58.47           | 239.17      | -92.47                | 294.00                            | -4,256.28  | 3,563.56             | 3,290.40              | 273.16                  | 13.046            |                    |         |
| 8,700.00                                | 6,934.17            | 6,900.17            | 6,900.17            | 60.78           | 239.14      | -92.40                | 294.00                            | -4,256.28  | 3,465.79             | 3,192.38              | 273.41                  | 12.676            |                    |         |
| 8,800.00                                | 6,933.25            | 6,900.75            | 6,899.25            | 63.13           | 239.16      | -92.33                | 294.00                            | -4,256.28  | 3,368.15             | 3,094.40              | 273.75                  | 12.304            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.00 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                                | 6,932.34            | 6,901.66            | 6,898.34            | 65.52           | 239.19      | -92.26                | 294.00                            | -4,256.28  | 3,270.65             | 2,996.51              | 274.14                  | 11.931            |                    |         |
| 9,000.00                                | 6,931.43            | 6,902.57            | 6,897.43            | 67.95           | 239.22      | -92.19                | 294.00                            | -4,256.28  | 3,173.31             | 2,898.73              | 274.58                  | 11.557            |                    |         |
| 9,100.00                                | 6,930.52            | 6,903.48            | 6,896.52            | 70.40           | 239.26      | -92.12                | 294.00                            | -4,256.28  | 3,076.13             | 2,801.06              | 275.07                  | 11.183            |                    |         |
| 9,200.00                                | 6,929.61            | 6,904.39            | 6,895.61            | 72.89           | 239.29      | -92.04                | 294.00                            | -4,256.28  | 2,979.15             | 2,703.52              | 275.63                  | 10.809            |                    |         |
| 9,300.00                                | 6,928.69            | 6,905.31            | 6,894.69            | 75.40           | 239.32      | -91.97                | 294.00                            | -4,256.28  | 2,882.37             | 2,606.12              | 276.25                  | 10.434            |                    |         |
| 9,400.00                                | 6,927.78            | 6,906.22            | 6,893.78            | 77.93           | 239.35      | -91.90                | 294.00                            | -4,256.28  | 2,785.81             | 2,508.86              | 276.95                  | 10.059            |                    |         |
| 9,500.00                                | 6,926.87            | 6,907.13            | 6,892.87            | 80.48           | 239.38      | -91.83                | 294.00                            | -4,256.28  | 2,689.51             | 2,411.78              | 277.74                  | 9.684             |                    |         |
| 9,600.00                                | 6,925.96            | 6,908.04            | 6,891.96            | 83.05           | 239.41      | -91.76                | 294.00                            | -4,256.28  | 2,593.49             | 2,314.87              | 278.62                  | 9.308             |                    |         |
| 9,700.00                                | 6,925.05            | 6,908.95            | 6,891.05            | 85.64           | 239.45      | -91.69                | 294.00                            | -4,256.28  | 2,497.78             | 2,218.17              | 279.61                  | 8.933             |                    |         |
| 9,800.00                                | 6,924.14            | 6,909.86            | 6,890.14            | 88.25           | 239.48      | -91.62                | 294.00                            | -4,256.28  | 2,402.42             | 2,121.69              | 280.73                  | 8.558             |                    |         |
| 9,900.00                                | 6,923.22            | 6,889.22            | 6,889.22            | 90.86           | 238.76      | -91.55                | 294.00                            | -4,256.28  | 2,307.45             | 2,026.22              | 281.23                  | 8.205             |                    |         |
| 10,000.00                               | 6,922.31            | 6,888.31            | 6,888.31            | 93.50           | 238.73      | -91.48                | 294.00                            | -4,256.28  | 2,212.93             | 1,930.34              | 282.58                  | 7.831             |                    |         |
| 10,100.00                               | 6,921.40            | 6,887.40            | 6,887.40            | 96.14           | 238.69      | -91.41                | 294.00                            | -4,256.28  | 2,118.90             | 1,834.79              | 284.11                  | 7.458             |                    |         |
| 10,200.00                               | 6,920.49            | 6,886.49            | 6,886.49            | 98.79           | 238.66      | -91.34                | 294.00                            | -4,256.28  | 2,025.45             | 1,739.61              | 285.85                  | 7.086             |                    |         |
| 10,300.00                               | 6,919.58            | 6,885.58            | 6,885.58            | 101.45          | 238.63      | -91.27                | 294.00                            | -4,256.28  | 1,932.66             | 1,644.85              | 287.81                  | 6.715             |                    |         |
| 10,400.00                               | 6,918.67            | 6,884.67            | 6,884.67            | 104.13          | 238.60      | -91.19                | 294.00                            | -4,256.28  | 1,840.62             | 1,550.58              | 290.04                  | 6.346             |                    |         |
| 10,500.00                               | 6,917.75            | 6,883.75            | 6,883.75            | 106.81          | 238.57      | -91.12                | 294.00                            | -4,256.28  | 1,749.45             | 1,456.89              | 292.56                  | 5.980             |                    |         |
| 10,600.00                               | 6,916.84            | 6,882.84            | 6,882.84            | 109.50          | 238.54      | -91.05                | 294.00                            | -4,256.28  | 1,659.30             | 1,363.87              | 295.42                  | 5.617             |                    |         |
| 10,700.00                               | 6,915.93            | 6,881.93            | 6,881.93            | 112.19          | 238.50      | -90.98                | 294.00                            | -4,256.28  | 1,570.34             | 1,271.66              | 298.67                  | 5.258             |                    |         |
| 10,800.00                               | 6,915.02            | 6,881.02            | 6,881.02            | 114.90          | 238.47      | -90.91                | 294.00                            | -4,256.28  | 1,482.79             | 1,180.43              | 302.36                  | 4.904             |                    |         |
| 10,900.00                               | 6,914.11            | 6,880.11            | 6,880.11            | 117.61          | 238.44      | -90.84                | 294.00                            | -4,256.28  | 1,396.91             | 1,090.36              | 306.55                  | 4.557             |                    |         |
| 11,000.00                               | 6,913.20            | 6,879.20            | 6,879.20            | 120.32          | 238.41      | -90.77                | 294.00                            | -4,256.28  | 1,313.03             | 1,001.74              | 311.29                  | 4.218             |                    |         |
| 11,100.00                               | 6,912.28            | 6,878.28            | 6,878.28            | 123.04          | 238.38      | -90.70                | 294.00                            | -4,256.28  | 1,231.56             | 914.91                | 316.65                  | 3.889             |                    |         |
| 11,200.00                               | 6,911.37            | 6,877.37            | 6,877.37            | 125.77          | 238.34      | -90.63                | 294.00                            | -4,256.28  | 1,153.01             | 830.32                | 322.69                  | 3.573             |                    |         |
| 11,300.00                               | 6,910.46            | 6,876.46            | 6,876.46            | 128.50          | 238.31      | -90.56                | 294.00                            | -4,256.28  | 1,078.01             | 748.56                | 329.45                  | 3.272             |                    |         |
| 11,400.00                               | 6,909.55            | 6,875.55            | 6,875.55            | 131.24          | 238.28      | -90.49                | 294.00                            | -4,256.28  | 1,007.37             | 670.43                | 336.94                  | 2.990             |                    |         |
| 11,500.00                               | 6,908.64            | 6,874.64            | 6,874.64            | 133.98          | 238.25      | -90.42                | 294.00                            | -4,256.28  | 942.06               | 596.96                | 345.10                  | 2.730             |                    |         |
| 11,600.00                               | 6,907.73            | 6,873.73            | 6,873.73            | 136.72          | 238.22      | -90.34                | 294.00                            | -4,256.28  | 883.27               | 529.49                | 353.78                  | 2.497             |                    |         |
| 11,700.00                               | 6,906.81            | 6,872.81            | 6,872.81            | 139.47          | 238.18      | -90.27                | 294.00                            | -4,256.28  | 832.37               | 469.72                | 362.66                  | 2.295             |                    |         |
| 11,800.00                               | 6,905.90            | 6,871.90            | 6,871.90            | 142.22          | 238.15      | -90.20                | 294.00                            | -4,256.28  | 790.90               | 419.65                | 371.25                  | 2.130             |                    |         |
| 11,900.00                               | 6,904.99            | 6,870.99            | 6,870.99            | 144.97          | 238.12      | -90.13                | 294.00                            | -4,256.28  | 760.40               | 381.50                | 378.90                  | 2.007             |                    |         |
| 12,000.00                               | 6,904.08            | 6,870.08            | 6,870.08            | 147.73          | 238.09      | -90.06                | 294.00                            | -4,256.28  | 742.21               | 357.35                | 384.86                  | 1.929             |                    |         |
| 12,086.63                               | 6,903.29            | 6,869.29            | 6,869.29            | 150.12          | 238.06      | -90.00                | 294.00                            | -4,256.28  | 737.14               | 348.95                | 388.18                  | 1.899 CC          |                    |         |
| 12,100.00                               | 6,903.17            | 6,869.17            | 6,869.17            | 150.49          | 238.06      | -89.99                | 294.00                            | -4,256.28  | 737.26               | 348.73                | 388.53                  | 1.898 ES, SF      |                    |         |
| 12,200.00                               | 6,902.26            | 6,868.26            | 6,868.26            | 153.26          | 238.03      | -89.92                | 294.00                            | -4,256.28  | 745.80               | 356.21                | 389.59                  | 1.914             |                    |         |
| 12,300.00                               | 6,901.34            | 6,867.34            | 6,867.34            | 156.02          | 237.99      | -89.85                | 294.00                            | -4,256.28  | 767.40               | 379.23                | 388.16                  | 1.977             |                    |         |
| 12,400.00                               | 6,900.43            | 6,866.43            | 6,866.43            | 158.79          | 237.96      | -89.78                | 294.00                            | -4,256.28  | 800.98               | 416.28                | 384.70                  | 2.082             |                    |         |
| 12,500.00                               | 6,899.52            | 6,865.52            | 6,865.52            | 161.56          | 237.93      | -89.71                | 294.00                            | -4,256.28  | 845.12               | 465.30                | 379.82                  | 2.225             |                    |         |
| 12,600.00                               | 6,898.61            | 6,864.61            | 6,864.61            | 164.34          | 237.90      | -89.64                | 294.00                            | -4,256.28  | 898.27               | 524.13                | 374.15                  | 2.401             |                    |         |
| 12,700.00                               | 6,897.70            | 6,863.70            | 6,863.70            | 167.11          | 237.87      | -89.57                | 294.00                            | -4,256.28  | 958.94               | 590.78                | 368.15                  | 2.605             |                    |         |
| 12,800.00                               | 6,896.79            | 6,862.79            | 6,862.79            | 169.89          | 237.83      | -89.49                | 294.00                            | -4,256.28  | 1,025.78             | 663.59                | 362.19                  | 2.832             |                    |         |
| 12,900.00                               | 6,895.87            | 6,861.87            | 6,861.87            | 172.67          | 237.80      | -89.42                | 294.00                            | -4,256.28  | 1,097.67             | 741.19                | 356.48                  | 3.079             |                    |         |
| 13,000.00                               | 6,894.96            | 6,860.96            | 6,860.96            | 175.45          | 237.77      | -89.35                | 294.00                            | -4,256.28  | 1,173.69             | 822.57                | 351.12                  | 3.343             |                    |         |
| 13,100.00                               | 6,894.05            | 6,860.05            | 6,860.05            | 178.23          | 237.74      | -89.28                | 294.00                            | -4,256.28  | 1,253.08             | 906.90                | 346.17                  | 3.620             |                    |         |
| 13,200.00                               | 6,893.14            | 6,859.14            | 6,859.14            | 181.02          | 237.71      | -89.21                | 294.00                            | -4,256.28  | 1,335.24             | 993.59                | 341.64                  | 3.908             |                    |         |
| 13,300.00                               | 6,892.23            | 6,858.23            | 6,858.23            | 183.80          | 237.68      | -89.14                | 294.00                            | -4,256.28  | 1,419.69             | 1,082.17              | 337.52                  | 4.206             |                    |         |
| 13,400.00                               | 6,891.31            | 6,857.31            | 6,857.31            | 186.59          | 237.64      | -89.07                | 294.00                            | -4,256.28  | 1,506.04             | 1,172.28              | 333.76                  | 4.512             |                    |         |
| 13,500.00                               | 6,890.40            | 6,856.40            | 6,856.40            | 189.38          | 237.61      | -89.00                | 294.00                            | -4,256.28  | 1,593.99             | 1,263.63              | 330.36                  | 4.825             |                    |         |
| 13,600.00                               | 6,889.49            | 6,855.49            | 6,855.49            | 192.17          | 237.58      | -88.93                | 294.00                            | -4,256.28  | 1,683.29             | 1,356.02              | 327.27                  | 5.143             |                    |         |
| 13,700.00                               | 6,888.58            | 6,854.58            | 6,854.58            | 194.97          | 237.55      | -88.86                | 294.00                            | -4,256.28  | 1,773.73             | 1,449.27              | 324.45                  | 5.467             |                    |         |
| 13,800.00                               | 6,887.67            | 6,853.67            | 6,853.67            | 197.76          | 237.52      | -88.79                | 294.00                            | -4,256.28  | 1,865.14             | 1,543.25              | 321.89                  | 5.794             |                    |         |
| 13,900.00                               | 6,886.76            | 6,852.76            | 6,852.76            | 200.56          | 237.48      | -88.72                | 294.00                            | -4,256.28  | 1,957.40             | 1,637.84              | 319.56                  | 6.125             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.00 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00                               | 6,885.84            | 6,851.84            | 6,851.84            | 203.35          | 237.45      | -88.64                | 294.00                            | -4,256.28  | 2,050.38             | 1,732.95              | 317.43                  | 6.459             |                    |         |
| 14,100.00                               | 6,884.93            | 6,850.93            | 6,850.93            | 206.15          | 237.42      | -88.57                | 294.00                            | -4,256.28  | 2,143.99             | 1,828.52              | 315.47                  | 6.796             |                    |         |
| 14,200.00                               | 6,884.02            | 6,850.02            | 6,850.02            | 208.95          | 237.39      | -88.50                | 294.00                            | -4,256.28  | 2,238.15             | 1,924.47              | 313.68                  | 7.135             |                    |         |
| 14,300.00                               | 6,883.11            | 6,849.11            | 6,849.11            | 211.75          | 237.36      | -88.43                | 294.00                            | -4,256.28  | 2,332.80             | 2,020.77              | 312.03                  | 7.476             |                    |         |
| 14,400.00                               | 6,882.20            | 6,848.20            | 6,848.20            | 214.55          | 237.33      | -88.36                | 294.00                            | -4,256.28  | 2,427.88             | 2,117.37              | 310.51                  | 7.819             |                    |         |
| 14,500.00                               | 6,881.29            | 6,847.29            | 6,847.29            | 217.35          | 237.29      | -88.29                | 294.00                            | -4,256.28  | 2,523.34             | 2,214.23              | 309.11                  | 8.163             |                    |         |
| 14,600.00                               | 6,880.37            | 6,846.37            | 6,846.37            | 220.15          | 237.26      | -88.22                | 294.00                            | -4,256.28  | 2,619.13             | 2,311.33              | 307.81                  | 8.509             |                    |         |
| 14,700.00                               | 6,879.46            | 6,845.46            | 6,845.46            | 222.95          | 237.23      | -88.15                | 294.00                            | -4,256.28  | 2,715.23             | 2,408.63              | 306.61                  | 8.856             |                    |         |
| 14,800.00                               | 6,878.55            | 6,844.55            | 6,844.55            | 225.76          | 237.20      | -88.08                | 294.00                            | -4,256.28  | 2,811.61             | 2,506.12              | 305.49                  | 9.204             |                    |         |
| 14,900.00                               | 6,877.64            | 6,843.64            | 6,843.64            | 228.56          | 237.17      | -88.01                | 294.00                            | -4,256.28  | 2,908.22             | 2,603.77              | 304.45                  | 9.552             |                    |         |
| 15,000.00                               | 6,876.73            | 6,842.73            | 6,842.73            | 231.37          | 237.13      | -87.94                | 294.00                            | -4,256.28  | 3,005.06             | 2,701.58              | 303.48                  | 9.902             |                    |         |
| 15,100.00                               | 6,875.82            | 6,841.82            | 6,841.82            | 234.18          | 237.10      | -87.87                | 294.00                            | -4,256.28  | 3,102.10             | 2,799.52              | 302.58                  | 10.252            |                    |         |
| 15,200.00                               | 6,874.90            | 6,840.90            | 6,840.90            | 236.98          | 237.07      | -87.79                | 294.00                            | -4,256.28  | 3,199.32             | 2,897.58              | 301.73                  | 10.603            |                    |         |
| 15,300.00                               | 6,873.99            | 6,839.99            | 6,839.99            | 239.79          | 237.04      | -87.72                | 294.00                            | -4,256.28  | 3,296.70             | 2,995.76              | 300.94                  | 10.955            |                    |         |
| 15,400.00                               | 6,873.08            | 6,839.08            | 6,839.08            | 242.60          | 237.01      | -87.65                | 294.00                            | -4,256.28  | 3,394.24             | 3,094.04              | 300.20                  | 11.307            |                    |         |
| 15,500.00                               | 6,872.17            | 6,838.17            | 6,838.17            | 245.41          | 236.98      | -87.58                | 294.00                            | -4,256.28  | 3,491.92             | 3,192.41              | 299.51                  | 11.659            |                    |         |
| 15,600.00                               | 6,871.26            | 6,837.26            | 6,837.26            | 248.22          | 236.94      | -87.51                | 294.00                            | -4,256.28  | 3,589.72             | 3,290.87              | 298.85                  | 12.012            |                    |         |
| 15,700.00                               | 6,870.35            | 6,836.35            | 6,836.35            | 251.03          | 236.91      | -87.44                | 294.00                            | -4,256.28  | 3,687.64             | 3,389.40              | 298.24                  | 12.365            |                    |         |
| 15,737.91                               | 6,870.00            | 6,836.00            | 6,836.00            | 252.10          | 236.90      | -87.41                | 294.00                            | -4,256.28  | 3,724.79             | 3,426.77              | 298.02                  | 12.499            |                    |         |
| 15,738.53                               | 6,869.99            | 6,835.99            | 6,835.99            | 252.11          | 236.90      | -87.41                | 294.00                            | -4,256.28  | 3,725.40             | 3,427.38              | 298.01                  | 12.501            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                        | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 72.44                 | 775.72                            | 2,451.56   | 2,571.36             |                       |                         |                   |                    |         |
| 100.00                      | 100.00              | 92.61               | 92.61               | 3.28            | 3.29        | 72.44                 | 775.75                            | 2,451.61   | 2,571.42             | 2,564.85              | 6.57                    | 391.346           |                    |         |
| 200.00                      | 200.00              | 195.06              | 195.06              | 3.34            | 3.34        | 72.44                 | 775.88                            | 2,451.67   | 2,571.51             | 2,564.84              | 6.68                    | 385.226           |                    |         |
| 300.00                      | 300.00              | 306.17              | 306.17              | 3.44            | 3.46        | 72.43                 | 776.14                            | 2,451.39   | 2,571.34             | 2,564.44              | 6.90                    | 372.489           |                    |         |
| 400.00                      | 399.98              | 412.97              | 412.97              | 3.60            | 3.63        | 42.33                 | 776.40                            | 2,450.72   | 2,569.53             | 2,562.30              | 7.23                    | 355.304           |                    |         |
| 500.00                      | 499.84              | 519.36              | 519.35              | 3.81            | 3.85        | 42.47                 | 776.59                            | 2,449.74   | 2,564.83             | 2,557.18              | 7.65                    | 335.170           |                    |         |
| 550.00                      | 549.68              | 566.68              | 566.67              | 3.93            | 3.96        | 42.57                 | 776.58                            | 2,449.31   | 2,561.50             | 2,553.62              | 7.88                    | 325.105           |                    |         |
| 600.00                      | 599.45              | 614.36              | 614.35              | 4.06            | 4.07        | 40.39                 | 776.50                            | 2,448.95   | 2,557.52             | 2,549.40              | 8.12                    | 314.887           |                    |         |
| 700.00                      | 698.71              | 712.22              | 712.20              | 4.33            | 4.34        | 37.77                 | 776.54                            | 2,448.22   | 2,547.36             | 2,538.70              | 8.66                    | 294.210           |                    |         |
| 800.00                      | 797.49              | 813.90              | 813.88              | 4.64            | 4.63        | 36.38                 | 776.78                            | 2,447.35   | 2,534.15             | 2,524.89              | 9.26                    | 273.660           |                    |         |
| 900.00                      | 895.68              | 913.46              | 913.44              | 4.97            | 4.94        | 35.63                 | 776.99                            | 2,446.41   | 2,517.89             | 2,507.99              | 9.90                    | 254.299           |                    |         |
| 1,000.00                    | 993.14              | 1,013.42            | 1,013.39            | 5.33            | 5.27        | 35.30                 | 777.18                            | 2,445.42   | 2,498.65             | 2,488.06              | 10.58                   | 236.108           |                    |         |
| 1,039.84                    | 1,031.75            | 1,056.05            | 1,056.02            | 5.48            | 5.42        | 35.26                 | 777.27                            | 2,444.93   | 2,490.11             | 2,479.24              | 10.88                   | 228.957           |                    |         |
| 1,100.00                    | 1,089.94            | 1,119.94            | 1,119.90            | 5.72            | 5.64        | 35.48                 | 777.41                            | 2,444.05   | 2,476.78             | 2,465.46              | 11.32                   | 218.817           |                    |         |
| 1,200.00                    | 1,186.67            | 1,222.68            | 1,222.63            | 6.13            | 6.00        | 35.83                 | 777.48                            | 2,442.39   | 2,454.42             | 2,442.36              | 12.06                   | 203.459           |                    |         |
| 1,300.00                    | 1,283.39            | 1,317.90            | 1,317.83            | 6.55            | 6.35        | 36.16                 | 777.59                            | 2,440.77   | 2,432.06             | 2,419.26              | 12.81                   | 189.928           |                    |         |
| 1,400.00                    | 1,380.12            | 1,412.36            | 1,412.28            | 6.99            | 6.70        | 36.48                 | 777.92                            | 2,439.19   | 2,409.88             | 2,396.32              | 13.56                   | 177.670           |                    |         |
| 1,500.00                    | 1,476.85            | 1,513.16            | 1,513.07            | 7.45            | 7.08        | 36.84                 | 778.14                            | 2,437.44   | 2,387.69             | 2,373.33              | 14.36                   | 166.260           |                    |         |
| 1,600.00                    | 1,573.57            | 1,606.48            | 1,606.37            | 7.90            | 7.44        | 37.18                 | 778.32                            | 2,435.84   | 2,365.59             | 2,350.44              | 15.15                   | 156.183           |                    |         |
| 1,700.00                    | 1,670.30            | 1,704.46            | 1,704.34            | 8.37            | 7.82        | 37.54                 | 778.52                            | 2,434.18   | 2,343.61             | 2,327.65              | 15.96                   | 146.846           |                    |         |
| 1,800.00                    | 1,767.03            | 1,807.39            | 1,807.25            | 8.85            | 8.22        | 37.93                 | 778.62                            | 2,432.29   | 2,321.55             | 2,304.75              | 16.80                   | 138.182           |                    |         |
| 1,900.00                    | 1,863.75            | 1,895.89            | 1,895.74            | 9.32            | 8.57        | 38.27                 | 778.80                            | 2,430.69   | 2,299.63             | 2,282.03              | 17.60                   | 130.658           |                    |         |
| 2,000.00                    | 1,960.48            | 1,979.79            | 1,979.62            | 9.81            | 8.90        | 38.59                 | 779.25                            | 2,429.46   | 2,278.22             | 2,259.83              | 18.39                   | 123.869           |                    |         |
| 2,100.00                    | 2,057.21            | 2,071.11            | 2,070.93            | 10.29           | 9.27        | 38.94                 | 780.08                            | 2,428.47   | 2,257.32             | 2,238.11              | 19.22                   | 117.468           |                    |         |
| 2,200.00                    | 2,153.93            | 2,168.22            | 2,168.03            | 10.78           | 9.66        | 39.30                 | 781.39                            | 2,427.41   | 2,236.61             | 2,216.55              | 20.07                   | 111.457           |                    |         |
| 2,300.00                    | 2,250.66            | 2,262.63            | 2,262.42            | 11.28           | 10.04       | 39.65                 | 783.45                            | 2,426.20   | 2,215.98             | 2,195.07              | 20.91                   | 105.954           |                    |         |
| 2,400.00                    | 2,347.39            | 2,358.34            | 2,358.08            | 11.77           | 10.43       | 39.99                 | 785.88                            | 2,425.05   | 2,195.57             | 2,173.80              | 21.77                   | 100.845           |                    |         |
| 2,500.00                    | 2,444.11            | 2,447.10            | 2,446.80            | 12.27           | 10.79       | 40.31                 | 788.48                            | 2,423.99   | 2,175.34             | 2,152.73              | 22.61                   | 96.209            |                    |         |
| 2,600.00                    | 2,540.84            | 2,532.90            | 2,532.53            | 12.77           | 11.15       | 40.60                 | 791.67                            | 2,423.37   | 2,155.76             | 2,132.31              | 23.44                   | 91.954            |                    |         |
| 2,700.00                    | 2,637.57            | 2,626.86            | 2,626.42            | 13.27           | 11.53       | 40.93                 | 795.31                            | 2,422.96   | 2,136.56             | 2,112.25              | 24.31                   | 87.891            |                    |         |
| 2,800.00                    | 2,734.30            | 2,723.16            | 2,722.65            | 13.78           | 11.93       | 41.26                 | 799.26                            | 2,422.54   | 2,117.48             | 2,092.29              | 25.19                   | 84.075            |                    |         |
| 2,900.00                    | 2,831.02            | 2,811.15            | 2,810.55            | 14.28           | 12.30       | 41.56                 | 803.04                            | 2,422.33   | 2,098.69             | 2,072.66              | 26.04                   | 80.602            |                    |         |
| 3,000.00                    | 2,927.75            | 2,885.27            | 2,884.60            | 14.79           | 12.61       | 41.82                 | 806.35                            | 2,422.76   | 2,080.80             | 2,053.95              | 26.84                   | 77.512            |                    |         |
| 3,100.00                    | 3,024.48            | 2,980.79            | 2,980.01            | 15.29           | 13.01       | 42.17                 | 810.71                            | 2,424.00   | 2,063.68             | 2,035.95              | 27.73                   | 74.427            |                    |         |
| 3,200.00                    | 3,121.20            | 3,072.15            | 3,071.26            | 15.80           | 13.39       | 42.50                 | 814.84                            | 2,425.24   | 2,046.69             | 2,018.10              | 28.60                   | 71.568            |                    |         |
| 3,300.00                    | 3,217.93            | 3,164.21            | 3,163.21            | 16.31           | 13.78       | 42.84                 | 819.13                            | 2,426.81   | 2,030.14             | 2,000.67              | 29.47                   | 68.880            |                    |         |
| 3,400.00                    | 3,314.66            | 3,253.65            | 3,252.55            | 16.82           | 14.15       | 43.18                 | 823.08                            | 2,428.63   | 2,013.96             | 1,983.62              | 30.34                   | 66.377            |                    |         |
| 3,500.00                    | 3,411.38            | 3,348.88            | 3,347.68            | 17.33           | 14.55       | 43.57                 | 826.61                            | 2,431.07   | 1,998.27             | 1,967.04              | 31.23                   | 63.984            |                    |         |
| 3,600.00                    | 3,508.11            | 3,447.74            | 3,446.45            | 17.84           | 14.96       | 43.99                 | 830.01                            | 2,433.49   | 1,982.54             | 1,950.41              | 32.13                   | 61.696            |                    |         |
| 3,700.00                    | 3,604.84            | 3,542.30            | 3,540.93            | 18.36           | 15.36       | 44.39                 | 833.32                            | 2,435.93   | 1,967.05             | 1,934.02              | 33.02                   | 59.563            |                    |         |
| 3,800.00                    | 3,701.56            | 3,646.09            | 3,644.64            | 18.87           | 15.79       | 44.86                 | 836.23                            | 2,438.71   | 1,951.70             | 1,917.75              | 33.95                   | 57.491            |                    |         |
| 3,900.00                    | 3,798.29            | 3,755.21            | 3,753.72            | 19.38           | 16.25       | 45.41                 | 838.04                            | 2,441.08   | 1,935.83             | 1,900.95              | 34.89                   | 55.486            |                    |         |
| 4,000.00                    | 3,895.02            | 3,859.21            | 3,857.69            | 19.89           | 16.68       | 45.94                 | 839.45                            | 2,442.95   | 1,919.73             | 1,883.91              | 35.81                   | 53.602            |                    |         |
| 4,100.00                    | 3,991.74            | 3,963.95            | 3,962.40            | 20.41           | 17.12       | 46.49                 | 840.65                            | 2,444.46   | 1,903.41             | 1,866.66              | 36.74                   | 51.802            |                    |         |
| 4,200.00                    | 4,088.47            | 4,071.23            | 4,069.68            | 20.92           | 17.57       | 47.07                 | 841.74                            | 2,445.53   | 1,886.81             | 1,849.13              | 37.68                   | 50.073            |                    |         |
| 4,300.00                    | 4,185.20            | 4,169.28            | 4,167.72            | 21.44           | 17.98       | 47.60                 | 842.97                            | 2,446.11   | 1,869.98             | 1,831.39              | 38.59                   | 48.453            |                    |         |
| 4,400.00                    | 4,281.92            | 4,269.15            | 4,267.58            | 21.95           | 18.40       | 48.14                 | 844.40                            | 2,446.70   | 1,853.34             | 1,813.83              | 39.51                   | 46.904            |                    |         |
| 4,500.00                    | 4,378.65            | 4,373.92            | 4,372.33            | 22.47           | 18.84       | 48.71                 | 846.26                            | 2,446.98   | 1,836.55             | 1,796.11              | 40.45                   | 45.406            |                    |         |
| 4,600.00                    | 4,475.38            | 4,499.48            | 4,497.87            | 22.99           | 19.37       | 49.41                 | 848.30                            | 2,446.18   | 1,819.07             | 1,777.64              | 41.43                   | 43.906            |                    |         |
| 4,700.00                    | 4,572.10            | 4,620.84            | 4,619.19            | 23.50           | 19.88       | 50.13                 | 849.43                            | 2,443.43   | 1,800.11             | 1,757.71              | 42.40                   | 42.457            |                    |         |
| 4,800.00                    | 4,668.83            | 4,722.68            | 4,720.98            | 24.02           | 20.31       | 50.76                 | 850.04                            | 2,440.36   | 1,780.62             | 1,737.30              | 43.32                   | 41.100            |                    |         |
| 4,900.00                    | 4,765.56            | 4,822.76            | 4,821.01            | 24.53           | 20.73       | 51.40                 | 850.47                            | 2,437.04   | 1,761.04             | 1,716.79              | 44.25                   | 39.798            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                    | 4,862.28            | 4,917.86            | 4,916.05            | 25.05           | 21.13       | 52.01                 | 850.92                            | 2,433.89   | 1,741.67             | 1,696.50              | 45.17                   | 38.560            |                    |         |
| 5,100.00                    | 4,959.01            | 5,018.40            | 5,016.53            | 25.57           | 21.56       | 52.68                 | 851.39                            | 2,430.40   | 1,722.35             | 1,676.25              | 46.10                   | 37.364            |                    |         |
| 5,200.00                    | 5,055.74            | 5,112.85            | 5,110.92            | 26.09           | 21.96       | 53.31                 | 852.03                            | 2,427.09   | 1,703.21             | 1,656.20              | 47.02                   | 36.225            |                    |         |
| 5,300.00                    | 5,152.46            | 5,209.03            | 5,207.04            | 26.60           | 22.37       | 53.98                 | 852.47                            | 2,423.76   | 1,684.35             | 1,636.40              | 47.94                   | 35.131            |                    |         |
| 5,400.00                    | 5,249.19            | 5,298.89            | 5,296.86            | 27.12           | 22.75       | 54.63                 | 852.58                            | 2,420.82   | 1,665.92             | 1,617.05              | 48.86                   | 34.093            |                    |         |
| 5,500.00                    | 5,345.92            | 5,382.38            | 5,380.31            | 27.64           | 23.10       | 55.24                 | 852.65                            | 2,418.55   | 1,648.27             | 1,598.49              | 49.77                   | 33.115            |                    |         |
| 5,600.00                    | 5,442.65            | 5,483.91            | 5,481.81            | 28.16           | 23.53       | 56.00                 | 852.60                            | 2,416.12   | 1,631.21             | 1,580.49              | 50.72                   | 32.163            |                    |         |
| 5,700.00                    | 5,539.37            | 5,578.09            | 5,575.95            | 28.68           | 23.93       | 56.73                 | 852.35                            | 2,413.62   | 1,614.17             | 1,562.52              | 51.65                   | 31.252            |                    |         |
| 5,800.00                    | 5,636.10            | 5,661.00            | 5,658.85            | 29.20           | 24.28       | 57.37                 | 852.45                            | 2,411.81   | 1,597.86             | 1,545.29              | 52.57                   | 30.397            |                    |         |
| 5,900.00                    | 5,732.83            | 5,750.53            | 5,748.37            | 29.71           | 24.66       | 58.07                 | 852.65                            | 2,410.66   | 1,582.64             | 1,529.15              | 53.49                   | 29.586            |                    |         |
| 6,000.00                    | 5,829.55            | 5,851.16            | 5,849.00            | 30.23           | 25.09       | 58.86                 | 853.05                            | 2,409.36   | 1,567.70             | 1,513.26              | 54.44                   | 28.795            |                    |         |
| 6,100.00                    | 5,926.28            | 5,949.99            | 5,947.81            | 30.75           | 25.51       | 59.64                 | 853.81                            | 2,407.84   | 1,552.75             | 1,497.36              | 55.39                   | 28.032            |                    |         |
| 6,200.00                    | 6,023.01            | 6,042.21            | 6,040.01            | 31.27           | 25.90       | 60.35                 | 855.20                            | 2,406.59   | 1,538.17             | 1,481.84              | 56.33                   | 27.308            |                    |         |
| 6,300.00                    | 6,119.73            | 6,139.25            | 6,137.02            | 31.79           | 26.31       | 61.09                 | 857.45                            | 2,405.76   | 1,524.20             | 1,466.93              | 57.27                   | 26.613            |                    |         |
| 6,397.75                    | 6,214.28            | 6,239.60            | 6,237.31            | 32.30           | 26.74       | 61.84                 | 860.34                            | 2,404.48   | 1,510.31             | 1,452.10              | 58.21                   | 25.946            |                    |         |
| 6,400.00                    | 6,216.46            | 6,241.65            | 6,239.37            | 32.31           | 26.75       | 62.44                 | 860.40                            | 2,404.46   | 1,510.00             | 1,451.77              | 58.23                   | 25.932            |                    |         |
| 6,450.00                    | 6,265.12            | 6,287.67            | 6,285.36            | 32.56           | 26.95       | 78.75                 | 861.83                            | 2,403.93   | 1,505.10             | 1,446.41              | 58.69                   | 25.644            |                    |         |
| 6,488.04                    | 6,302.39            | 6,325.96            | 6,323.63            | 32.73           | 27.11       | 94.97                 | 863.02                            | 2,403.52   | 1,504.00             | 1,444.97              | 59.04                   | 25.476 CC         |                    |         |
| 6,500.00                    | 6,314.12            | 6,338.52            | 6,336.19            | 32.78           | 27.16       | 100.51                | 863.40                            | 2,403.38   | 1,504.11             | 1,444.97              | 59.14                   | 25.431 ES         |                    |         |
| 6,550.00                    | 6,363.16            | 6,391.04            | 6,388.68            | 32.99           | 27.39       | 123.13                | 864.90                            | 2,402.68   | 1,506.89             | 1,447.31              | 59.58                   | 25.292            |                    |         |
| 6,600.00                    | 6,411.94            | 6,445.84            | 6,443.45            | 33.18           | 27.62       | 141.10                | 866.38                            | 2,401.78   | 1,513.35             | 1,453.36              | 59.99                   | 25.225 SF         |                    |         |
| 6,650.00                    | 6,460.15            | 6,500.67            | 6,498.25            | 33.35           | 27.85       | 153.56                | 867.93                            | 2,400.67   | 1,523.40             | 1,463.02              | 60.39                   | 25.228            |                    |         |
| 6,700.00                    | 6,507.49            | 6,544.38            | 6,541.93            | 33.52           | 28.04       | 162.05                | 869.21                            | 2,399.76   | 1,537.13             | 1,476.39              | 60.74                   | 25.307            |                    |         |
| 6,750.00                    | 6,553.69            | 6,587.15            | 6,584.68            | 33.69           | 28.22       | 168.11                | 870.49                            | 2,398.99   | 1,554.58             | 1,493.51              | 61.07                   | 25.455            |                    |         |
| 6,800.00                    | 6,598.44            | 6,635.47            | 6,632.96            | 33.85           | 28.43       | 172.68                | 871.98                            | 2,398.18   | 1,575.58             | 1,514.19              | 61.39                   | 25.664            |                    |         |
| 6,850.00                    | 6,641.47            | 6,685.15            | 6,682.60            | 34.02           | 28.64       | 176.32                | 873.63                            | 2,397.20   | 1,599.78             | 1,538.08              | 61.70                   | 25.929            |                    |         |
| 6,900.00                    | 6,682.53            | 6,731.74            | 6,729.15            | 34.19           | 28.84       | 179.37                | 875.32                            | 2,396.14   | 1,627.05             | 1,565.07              | 61.98                   | 26.251            |                    |         |
| 6,950.00                    | 6,721.35            | 6,775.59            | 6,772.95            | 34.38           | 29.02       | -177.93               | 877.11                            | 2,395.07   | 1,657.26             | 1,595.02              | 62.24                   | 26.628            |                    |         |
| 7,000.00                    | 6,757.70            | 6,814.46            | 6,811.77            | 34.57           | 29.19       | -175.41               | 878.87                            | 2,394.08   | 1,690.27             | 1,627.81              | 62.47                   | 27.058            |                    |         |
| 7,050.00                    | 6,791.35            | 6,847.24            | 6,844.51            | 34.79           | 29.33       | -172.90               | 880.49                            | 2,393.29   | 1,725.99             | 1,663.32              | 62.67                   | 27.542            |                    |         |
| 7,100.00                    | 6,822.10            | 6,877.21            | 6,874.42            | 35.03           | 29.46       | -170.24               | 882.08                            | 2,392.62   | 1,764.20             | 1,701.36              | 62.85                   | 28.072            |                    |         |
| 7,150.00                    | 6,849.75            | 6,905.20            | 6,902.36            | 35.30           | 29.58       | -167.30               | 883.66                            | 2,392.04   | 1,804.69             | 1,741.69              | 63.00                   | 28.646            |                    |         |
| 7,200.00                    | 6,874.14            | 6,935.17            | 6,932.28            | 35.61           | 29.70       | -163.93               | 885.39                            | 2,391.39   | 1,847.13             | 1,783.99              | 63.14                   | 29.253            |                    |         |
| 7,250.00                    | 6,895.11            | 6,961.37            | 6,958.42            | 35.95           | 29.82       | -159.78               | 886.89                            | 2,390.76   | 1,891.27             | 1,828.01              | 63.26                   | 29.895            |                    |         |
| 7,300.00                    | 6,912.54            | 6,983.58            | 6,980.59            | 36.34           | 29.91       | -154.40               | 888.17                            | 2,390.18   | 1,936.87             | 1,873.51              | 63.36                   | 30.569            |                    |         |
| 7,350.00                    | 6,926.31            | 7,001.63            | 6,998.60            | 36.77           | 29.99       | -147.09               | 889.20                            | 2,389.68   | 1,983.66             | 1,920.23              | 63.44                   | 31.270            |                    |         |
| 7,400.00                    | 6,936.35            | 7,015.35            | 7,012.30            | 37.25           | 30.05       | -136.81               | 889.98                            | 2,389.28   | 2,031.39             | 1,967.90              | 63.49                   | 31.995            |                    |         |
| 7,450.00                    | 6,942.59            | 7,017.77            | 7,014.71            | 37.76           | 30.06       | -121.60               | 890.12                            | 2,389.23   | 2,079.81             | 2,016.30              | 63.51                   | 32.747            |                    |         |
| 7,500.00                    | 6,944.99            | 7,020.96            | 7,017.90            | 38.31           | 30.07       | -102.38               | 890.30                            | 2,389.14   | 2,128.59             | 2,065.07              | 63.52                   | 33.508            |                    |         |
| 7,512.10                    | 6,945.00            | 7,021.22            | 7,018.16            | 38.44           | 30.07       | -97.38                | 890.31                            | 2,389.14   | 2,140.42             | 2,076.89              | 63.53                   | 33.693            |                    |         |
| 7,600.00                    | 6,944.19            | 7,022.39            | 7,019.33            | 39.51           | 30.08       | -97.53                | 890.38                            | 2,389.11   | 2,226.41             | 2,162.88              | 63.53                   | 35.043            |                    |         |
| 7,700.00                    | 6,943.28            | 7,023.71            | 7,020.64            | 40.90           | 30.08       | -97.70                | 890.45                            | 2,389.07   | 2,324.42             | 2,260.87              | 63.55                   | 36.578            |                    |         |
| 7,800.00                    | 6,942.37            | 7,025.02            | 7,021.94            | 42.44           | 30.09       | -97.86                | 890.53                            | 2,389.04   | 2,422.58             | 2,359.02              | 63.56                   | 38.112            |                    |         |
| 7,900.00                    | 6,941.46            | 7,026.31            | 7,023.23            | 44.11           | 30.09       | -98.03                | 890.60                            | 2,389.00   | 2,520.89             | 2,457.31              | 63.59                   | 39.646            |                    |         |
| 8,000.00                    | 6,940.55            | 7,027.58            | 7,024.51            | 45.90           | 30.10       | -98.19                | 890.67                            | 2,388.97   | 2,619.33             | 2,555.72              | 63.61                   | 41.179            |                    |         |
| 8,100.00                    | 6,939.64            | 7,028.85            | 7,025.77            | 47.80           | 30.10       | -98.35                | 890.74                            | 2,388.93   | 2,717.88             | 2,654.25              | 63.64                   | 42.710            |                    |         |
| 8,200.00                    | 6,938.72            | 7,030.10            | 7,027.02            | 49.79           | 30.11       | -98.50                | 890.81                            | 2,388.90   | 2,816.53             | 2,752.87              | 63.66                   | 44.241            |                    |         |
| 8,300.00                    | 6,937.81            | 7,031.34            | 7,028.25            | 51.86           | 30.11       | -98.66                | 890.88                            | 2,388.87   | 2,915.28             | 2,851.58              | 63.69                   | 45.771            |                    |         |
| 8,400.00                    | 6,936.90            | 7,032.56            | 7,029.47            | 54.01           | 30.12       | -98.81                | 890.95                            | 2,388.83   | 3,014.10             | 2,950.38              | 63.72                   | 47.300            |                    |         |
| 8,500.00                    | 6,935.99            | 7,033.77            | 7,030.68            | 56.21           | 30.13       | -98.97                | 891.02                            | 2,388.80   | 3,113.00             | 3,049.25              | 63.76                   | 48.827            |                    |         |
| 8,600.00                    | 6,935.08            | 7,034.97            | 7,031.88            | 58.47           | 30.13       | -99.12                | 891.08                            | 2,388.77   | 3,211.97             | 3,148.18              | 63.79                   | 50.354            |                    |         |
| 8,700.00                    | 6,934.17            | 7,036.16            | 7,033.07            | 60.78           | 30.14       | -99.27                | 891.15                            | 2,388.74   | 3,311.00             | 3,247.18              | 63.82                   | 51.879            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                    | 6,933.25            | 7,037.34            | 7,034.24            | 63.13           | 30.14       | -99.41                | 891.22                            | 2,388.71   | 3,410.09             | 3,346.23              | 63.86                   | 53.402            |                    |         |
| 8,900.00                    | 6,932.34            | 7,038.50            | 7,035.40            | 65.52           | 30.15       | -99.56                | 891.28                            | 2,388.68   | 3,509.22             | 3,445.33              | 63.89                   | 54.924            |                    |         |
| 9,000.00                    | 6,931.43            | 7,039.65            | 7,036.55            | 67.95           | 30.15       | -99.70                | 891.35                            | 2,388.65   | 3,608.41             | 3,544.48              | 63.93                   | 56.444            |                    |         |
| 9,100.00                    | 6,930.52            | 7,040.79            | 7,037.69            | 70.40           | 30.16       | -99.85                | 891.41                            | 2,388.62   | 3,707.63             | 3,643.67              | 63.97                   | 57.963            |                    |         |
| 9,200.00                    | 6,929.61            | 7,041.92            | 7,038.82            | 72.89           | 30.16       | -99.99                | 891.47                            | 2,388.59   | 3,806.90             | 3,742.90              | 64.00                   | 59.480            |                    |         |
| 9,300.00                    | 6,928.69            | 7,043.04            | 7,039.93            | 75.40           | 30.16       | -100.13               | 891.53                            | 2,388.56   | 3,906.21             | 3,842.17              | 64.04                   | 60.996            |                    |         |
| 9,400.00                    | 6,927.78            | 7,044.15            | 7,041.04            | 77.93           | 30.17       | -100.27               | 891.60                            | 2,388.53   | 4,005.54             | 3,941.47              | 64.08                   | 62.509            |                    |         |
| 9,500.00                    | 6,926.87            | 7,045.25            | 7,042.13            | 80.48           | 30.17       | -100.41               | 891.66                            | 2,388.50   | 4,104.91             | 4,040.80              | 64.12                   | 64.021            |                    |         |
| 9,600.00                    | 6,925.96            | 7,046.33            | 7,043.22            | 83.05           | 30.18       | -100.54               | 891.72                            | 2,388.48   | 4,204.31             | 4,140.16              | 64.16                   | 65.531            |                    |         |
| 9,700.00                    | 6,925.05            | 7,047.41            | 7,044.29            | 85.64           | 30.18       | -100.68               | 891.78                            | 2,388.45   | 4,303.74             | 4,239.54              | 64.20                   | 67.038            |                    |         |
| 9,800.00                    | 6,924.14            | 7,048.47            | 7,045.36            | 88.25           | 30.19       | -100.81               | 891.84                            | 2,388.42   | 4,403.19             | 4,338.96              | 64.24                   | 68.544            |                    |         |
| 9,900.00                    | 6,923.22            | 7,049.53            | 7,046.41            | 90.86           | 30.19       | -100.94               | 891.89                            | 2,388.40   | 4,502.67             | 4,438.39              | 64.28                   | 70.047            |                    |         |
| 10,000.00                   | 6,922.31            | 7,050.57            | 7,047.45            | 93.50           | 30.20       | -101.07               | 891.95                            | 2,388.37   | 4,602.17             | 4,537.85              | 64.32                   | 71.548            |                    |         |
| 10,100.00                   | 6,921.40            | 7,051.61            | 7,048.49            | 96.14           | 30.20       | -101.20               | 892.01                            | 2,388.34   | 4,701.69             | 4,637.33              | 64.37                   | 73.047            |                    |         |
| 10,200.00                   | 6,920.49            | 7,052.63            | 7,049.51            | 98.79           | 30.21       | -101.33               | 892.07                            | 2,388.32   | 4,801.23             | 4,736.82              | 64.41                   | 74.543            |                    |         |
| 10,300.00                   | 6,919.58            | 7,053.65            | 7,050.52            | 101.45          | 30.21       | -101.45               | 892.12                            | 2,388.29   | 4,900.79             | 4,836.34              | 64.45                   | 76.037            |                    |         |
| 10,400.00                   | 6,918.67            | 7,054.66            | 7,051.53            | 104.13          | 30.21       | -101.58               | 892.18                            | 2,388.27   | 5,000.36             | 4,935.87              | 64.50                   | 77.529            |                    |         |
| 10,500.00                   | 6,917.75            | 7,055.65            | 7,052.52            | 106.81          | 30.22       | -101.70               | 892.23                            | 2,388.24   | 5,099.96             | 5,035.41              | 64.54                   | 79.018            |                    |         |
| 10,600.00                   | 6,916.84            | 7,056.64            | 7,053.51            | 109.50          | 30.22       | -101.83               | 892.29                            | 2,388.22   | 5,199.56             | 5,134.98              | 64.59                   | 80.504            |                    |         |
| 10,700.00                   | 6,915.93            | 7,057.62            | 7,054.49            | 112.19          | 30.23       | -101.95               | 892.34                            | 2,388.19   | 5,299.19             | 5,234.55              | 64.63                   | 81.988            |                    |         |
| 10,800.00                   | 6,915.02            | 7,058.59            | 7,055.45            | 114.90          | 30.23       | -102.07               | 892.39                            | 2,388.17   | 5,398.82             | 5,334.14              | 64.68                   | 83.469            |                    |         |
| 10,900.00                   | 6,914.11            | 7,059.55            | 7,056.41            | 117.61          | 30.24       | -102.19               | 892.45                            | 2,388.15   | 5,498.47             | 5,433.74              | 64.73                   | 84.947            |                    |         |
| 11,000.00                   | 6,913.20            | 7,060.50            | 7,057.36            | 120.32          | 30.24       | -102.31               | 892.50                            | 2,388.12   | 5,598.13             | 5,533.35              | 64.78                   | 86.422            |                    |         |
| 11,100.00                   | 6,912.28            | 7,061.45            | 7,058.31            | 123.04          | 30.24       | -102.42               | 892.55                            | 2,388.10   | 5,697.80             | 5,632.98              | 64.83                   | 87.894            |                    |         |
| 11,200.00                   | 6,911.37            | 7,062.38            | 7,059.24            | 125.77          | 30.25       | -102.54               | 892.60                            | 2,388.08   | 5,797.49             | 5,732.61              | 64.87                   | 89.364            |                    |         |
| 11,300.00                   | 6,910.46            | 7,063.31            | 7,060.16            | 128.50          | 30.25       | -102.65               | 892.65                            | 2,388.05   | 5,897.18             | 5,832.26              | 64.93                   | 90.830            |                    |         |
| 11,400.00                   | 6,909.55            | 7,064.23            | 7,061.08            | 131.24          | 30.26       | -102.77               | 892.70                            | 2,388.03   | 5,996.89             | 5,931.91              | 64.98                   | 92.294            |                    |         |
| 11,500.00                   | 6,908.64            | 7,065.14            | 7,061.99            | 133.98          | 30.26       | -102.88               | 892.75                            | 2,388.01   | 6,096.60             | 6,031.57              | 65.03                   | 93.754            |                    |         |
| 11,600.00                   | 6,907.73            | 7,066.04            | 7,062.89            | 136.72          | 30.26       | -102.99               | 892.80                            | 2,387.99   | 6,196.32             | 6,131.24              | 65.08                   | 95.211            |                    |         |
| 11,700.00                   | 6,906.81            | 7,066.93            | 7,063.78            | 139.47          | 30.27       | -103.10               | 892.85                            | 2,387.97   | 6,296.05             | 6,230.92              | 65.13                   | 96.665            |                    |         |
| 11,800.00                   | 6,905.90            | 7,067.82            | 7,064.67            | 142.22          | 30.27       | -103.21               | 892.90                            | 2,387.94   | 6,395.79             | 6,330.61              | 65.19                   | 98.116            |                    |         |
| 11,900.00                   | 6,904.99            | 7,068.70            | 7,065.54            | 144.97          | 30.27       | -103.32               | 892.95                            | 2,387.92   | 6,495.54             | 6,430.30              | 65.24                   | 99.563            |                    |         |
| 12,000.00                   | 6,904.08            | 7,069.57            | 7,066.41            | 147.73          | 30.28       | -103.43               | 893.00                            | 2,387.90   | 6,595.29             | 6,530.00              | 65.30                   | 101.007           |                    |         |
| 12,100.00                   | 6,903.17            | 7,070.43            | 7,067.28            | 150.49          | 30.28       | -103.53               | 893.04                            | 2,387.88   | 6,695.06             | 6,629.71              | 65.35                   | 102.448           |                    |         |
| 12,200.00                   | 6,902.26            | 7,071.29            | 7,068.13            | 153.26          | 30.29       | -103.64               | 893.09                            | 2,387.86   | 6,794.83             | 6,729.42              | 65.41                   | 103.885           |                    |         |
| 12,300.00                   | 6,901.34            | 7,072.14            | 7,068.98            | 156.02          | 30.29       | -103.74               | 893.14                            | 2,387.84   | 6,894.60             | 6,829.14              | 65.46                   | 105.318           |                    |         |
| 12,400.00                   | 6,900.43            | 7,072.98            | 7,069.82            | 158.79          | 30.29       | -103.84               | 893.18                            | 2,387.82   | 6,994.38             | 6,928.86              | 65.52                   | 106.748           |                    |         |
| 12,500.00                   | 6,899.52            | 7,073.81            | 7,070.65            | 161.56          | 30.30       | -103.95               | 893.23                            | 2,387.80   | 7,094.17             | 7,028.59              | 65.58                   | 108.175           |                    |         |
| 12,600.00                   | 6,898.61            | 7,074.64            | 7,071.48            | 164.34          | 30.30       | -104.05               | 893.27                            | 2,387.78   | 7,193.96             | 7,128.32              | 65.64                   | 109.598           |                    |         |
| 12,700.00                   | 6,897.70            | 7,075.46            | 7,072.29            | 167.11          | 30.30       | -104.15               | 893.32                            | 2,387.76   | 7,293.76             | 7,228.06              | 65.70                   | 111.017           |                    |         |
| 12,800.00                   | 6,896.79            | 7,076.27            | 7,073.11            | 169.89          | 30.31       | -104.25               | 893.36                            | 2,387.74   | 7,393.57             | 7,327.81              | 65.76                   | 112.432           |                    |         |
| 12,900.00                   | 6,895.87            | 7,077.08            | 7,073.91            | 172.67          | 30.31       | -104.35               | 893.40                            | 2,387.72   | 7,493.38             | 7,427.55              | 65.82                   | 113.844           |                    |         |
| 13,000.00                   | 6,894.96            | 7,077.88            | 7,074.71            | 175.45          | 30.31       | -104.44               | 893.45                            | 2,387.70   | 7,593.19             | 7,527.31              | 65.88                   | 115.252           |                    |         |
| 13,100.00                   | 6,894.05            | 7,078.67            | 7,075.50            | 178.23          | 30.32       | -104.54               | 893.49                            | 2,387.69   | 7,693.01             | 7,627.06              | 65.95                   | 116.656           |                    |         |
| 13,200.00                   | 6,893.14            | 7,079.46            | 7,076.29            | 181.02          | 30.32       | -104.64               | 893.53                            | 2,387.67   | 7,792.83             | 7,726.82              | 66.01                   | 118.056           |                    |         |
| 13,300.00                   | 6,892.23            | 7,080.24            | 7,077.07            | 183.80          | 30.32       | -104.73               | 893.58                            | 2,387.65   | 7,892.66             | 7,826.59              | 66.07                   | 119.452           |                    |         |
| 13,400.00                   | 6,891.31            | 7,081.01            | 7,077.84            | 186.59          | 30.33       | -104.83               | 893.62                            | 2,387.63   | 7,992.49             | 7,926.35              | 66.14                   | 120.844           |                    |         |
| 13,500.00                   | 6,890.40            | 7,081.78            | 7,078.61            | 189.38          | 30.33       | -104.92               | 893.66                            | 2,387.61   | 8,092.33             | 8,026.12              | 66.20                   | 122.232           |                    |         |
| 13,600.00                   | 6,889.49            | 7,082.54            | 7,079.37            | 192.17          | 30.33       | -105.01               | 893.70                            | 2,387.60   | 8,192.17             | 8,125.90              | 66.27                   | 123.616           |                    |         |
| 13,700.00                   | 6,888.58            | 7,083.30            | 7,080.12            | 194.97          | 30.34       | -105.11               | 893.74                            | 2,387.58   | 8,292.01             | 8,225.67              | 66.34                   | 124.997           |                    |         |
| 13,800.00                   | 6,887.67            | 7,084.05            | 7,080.87            | 197.76          | 30.34       | -105.20               | 893.78                            | 2,387.56   | 8,391.86             | 8,325.45              | 66.41                   | 126.373           |                    |         |
| 13,900.00                   | 6,886.76            | 7,084.79            | 7,081.61            | 200.56          | 30.34       | -105.29               | 893.82                            | 2,387.54   | 8,491.71             | 8,425.24              | 66.47                   | 127.745           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                        |                        |                        |                   |                |                             |   |               |                            |                             |                               | Offset Site Error:   | 0.00 ft |
|-----------------------------|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|-------------------------------|----------------------|---------|
| Survey Program: 100-GYRO-NS |                        |                        |                        |                   |                |                             |   |               |                            |                             |                               | Offset Well Error:   | 3.28 ft |
| Reference                   |                        | Offset                 |                        | Semi Major Axis   |                |                             | Distance                                |               |                            |                             |                               |                      | Warning |
| Measured Depth<br>(ft)      | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) | Minimum<br>Separation<br>(ft) | Separation<br>Factor |         |
| 14,000.00                   | 6,885.84               | 7,085.53               | 7,082.34               | 203.35            | 30.35          | -105.38                     | 893.86                                  | 2,387.53      | 8,591.57                   | 8,525.02                    | 66.54                         | 129.112              |         |
| 14,100.00                   | 6,884.93               | 7,086.26               | 7,083.07               | 206.15            | 30.35          | -105.47                     | 893.90                                  | 2,387.51      | 8,691.42                   | 8,624.81                    | 66.61                         | 130.476              |         |
| 14,200.00                   | 6,884.02               | 7,086.98               | 7,083.80               | 208.95            | 30.35          | -105.55                     | 893.94                                  | 2,387.49      | 8,791.28                   | 8,724.60                    | 66.68                         | 131.835              |         |
| 14,300.00                   | 6,883.11               | 7,087.70               | 7,084.52               | 211.75            | 30.36          | -105.64                     | 893.98                                  | 2,387.48      | 8,891.15                   | 8,824.39                    | 66.76                         | 133.191              |         |
| 14,400.00                   | 6,882.20               | 7,100.00               | 7,096.79               | 214.55            | 30.41          | -107.12                     | 894.64                                  | 2,387.20      | 8,991.03                   | 8,924.17                    | 66.86                         | 134.484              |         |
| 14,500.00                   | 6,881.29               | 7,100.00               | 7,096.79               | 217.35            | 30.41          | -107.12                     | 894.64                                  | 2,387.20      | 9,090.89                   | 9,023.97                    | 66.93                         | 135.834              |         |
| 14,600.00                   | 6,880.37               | 7,100.00               | 7,096.79               | 220.15            | 30.41          | -107.12                     | 894.64                                  | 2,387.20      | 9,190.76                   | 9,123.77                    | 67.00                         | 137.179              |         |
| 14,700.00                   | 6,879.46               | 7,100.00               | 7,096.79               | 222.95            | 30.41          | -107.12                     | 894.64                                  | 2,387.20      | 9,290.64                   | 9,223.57                    | 67.07                         | 138.520              |         |
| 14,800.00                   | 6,878.55               | 7,100.00               | 7,096.79               | 225.76            | 30.41          | -107.12                     | 894.64                                  | 2,387.20      | 9,390.51                   | 9,323.37                    | 67.14                         | 139.856              |         |
| 14,900.00                   | 6,877.64               | 7,100.00               | 7,096.79               | 228.56            | 30.41          | -107.12                     | 894.64                                  | 2,387.20      | 9,490.39                   | 9,423.17                    | 67.22                         | 141.189              |         |
| 15,000.00                   | 6,876.73               | 7,100.00               | 7,096.79               | 231.37            | 30.41          | -107.12                     | 894.64                                  | 2,387.20      | 9,590.27                   | 9,522.98                    | 67.29                         | 142.517              |         |
| 15,100.00                   | 6,875.82               | 7,100.00               | 7,096.79               | 234.18            | 30.41          | -107.12                     | 894.64                                  | 2,387.20      | 9,690.16                   | 9,622.79                    | 67.37                         | 143.840              |         |
| 15,200.00                   | 6,874.90               | 7,100.00               | 7,096.79               | 236.98            | 30.41          | -107.12                     | 894.64                                  | 2,387.20      | 9,790.04                   | 9,722.60                    | 67.44                         | 145.159              |         |
| 15,300.00                   | 6,873.99               | 7,100.00               | 7,096.79               | 239.79            | 30.41          | -107.12                     | 894.64                                  | 2,387.20      | 9,889.93                   | 9,822.41                    | 67.52                         | 146.474              |         |
| 15,400.00                   | 6,873.08               | 7,100.00               | 7,096.79               | 242.60            | 30.41          | -107.12                     | 894.64                                  | 2,387.20      | 9,989.82                   | 9,922.23                    | 67.60                         | 147.784              |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                                    | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 95.13                 | -803.48                           | 8,946.66   | 8,982.71             |                       |                         |                   |                    |         |
| 100.00                                  | 100.00              | 72.00               | 72.00               | 3.28            | 3.51        | 95.13                 | -803.48                           | 8,946.66   | 8,982.67             | 8,975.87              | 6.80                    | 1,321.516         |                    |         |
| 200.00                                  | 200.00              | 172.00              | 172.00              | 3.34            | 5.38        | 95.13                 | -803.48                           | 8,946.66   | 8,982.67             | 8,973.95              | 8.71                    | 1,030.987         |                    |         |
| 300.00                                  | 300.00              | 272.00              | 272.00              | 3.44            | 8.42        | 95.13                 | -803.48                           | 8,946.66   | 8,982.67             | 8,970.80              | 11.86                   | 757.363           |                    |         |
| 400.00                                  | 399.98              | 371.98              | 371.98              | 3.60            | 11.71       | 65.02                 | -803.48                           | 8,946.66   | 8,981.93             | 8,966.62              | 15.31                   | 586.605           |                    |         |
| 500.00                                  | 499.84              | 471.84              | 471.84              | 3.81            | 15.09       | 65.09                 | -803.48                           | 8,946.66   | 8,979.72             | 8,960.83              | 18.89                   | 475.331           |                    |         |
| 550.00                                  | 549.68              | 521.68              | 521.68              | 3.93            | 16.79       | 65.14                 | -803.48                           | 8,946.66   | 8,978.06             | 8,957.35              | 20.71                   | 433.513           |                    |         |
| 600.00                                  | 599.45              | 571.45              | 571.45              | 4.06            | 18.50       | 62.91                 | -803.48                           | 8,946.66   | 8,975.95             | 8,953.41              | 22.54                   | 398.191           |                    |         |
| 700.00                                  | 698.71              | 670.71              | 670.71              | 4.33            | 21.92       | 60.19                 | -803.48                           | 8,946.66   | 8,970.11             | 8,943.88              | 26.23                   | 341.915           |                    |         |
| 800.00                                  | 797.49              | 769.49              | 769.49              | 4.64            | 25.33       | 58.67                 | -803.48                           | 8,946.66   | 8,962.12             | 8,932.16              | 29.95                   | 299.188           |                    |         |
| 900.00                                  | 895.68              | 867.68              | 867.68              | 4.97            | 28.73       | 57.79                 | -803.48                           | 8,946.66   | 8,952.00             | 8,918.31              | 33.69                   | 265.721           |                    |         |
| 1,000.00                                | 993.14              | 965.14              | 965.14              | 5.33            | 32.12       | 57.28                 | -803.48                           | 8,946.66   | 8,939.77             | 8,902.34              | 37.43                   | 238.838           |                    |         |
| 1,039.84                                | 1,031.75            | 1,003.75            | 1,003.75            | 5.48            | 33.46       | 57.15                 | -803.48                           | 8,946.66   | 8,934.32             | 8,895.40              | 38.92                   | 229.546           |                    |         |
| 1,100.00                                | 1,089.94            | 1,061.94            | 1,061.94            | 5.72            | 35.48       | 57.24                 | -803.48                           | 8,946.66   | 8,925.86             | 8,884.68              | 41.17                   | 216.784           |                    |         |
| 1,200.00                                | 1,186.67            | 1,158.67            | 1,158.67            | 6.13            | 38.84       | 57.37                 | -803.48                           | 8,946.66   | 8,911.83             | 8,866.89              | 44.93                   | 198.330           |                    |         |
| 1,300.00                                | 1,283.39            | 1,255.39            | 1,255.39            | 6.55            | 42.21       | 57.50                 | -803.48                           | 8,946.66   | 8,897.84             | 8,849.13              | 48.71                   | 182.662           |                    |         |
| 1,400.00                                | 1,380.12            | 1,352.12            | 1,352.12            | 6.99            | 45.58       | 57.64                 | -803.48                           | 8,946.66   | 8,883.91             | 8,831.41              | 52.50                   | 169.205           |                    |         |
| 1,500.00                                | 1,476.85            | 1,448.85            | 1,448.85            | 7.45            | 48.94       | 57.77                 | -803.48                           | 8,946.66   | 8,870.03             | 8,813.72              | 56.31                   | 157.528           |                    |         |
| 1,600.00                                | 1,573.57            | 1,545.57            | 1,545.57            | 7.90            | 52.31       | 57.91                 | -803.48                           | 8,946.66   | 8,856.20             | 8,796.08              | 60.12                   | 147.305           |                    |         |
| 1,700.00                                | 1,670.30            | 1,642.30            | 1,642.30            | 8.37            | 55.68       | 58.05                 | -803.48                           | 8,946.66   | 8,842.42             | 8,778.48              | 63.94                   | 138.285           |                    |         |
| 1,800.00                                | 1,767.03            | 1,739.03            | 1,739.03            | 8.85            | 59.06       | 58.18                 | -803.48                           | 8,946.66   | 8,828.70             | 8,760.92              | 67.77                   | 130.270           |                    |         |
| 1,900.00                                | 1,863.75            | 1,835.75            | 1,835.75            | 9.32            | 62.43       | 58.32                 | -803.48                           | 8,946.66   | 8,815.02             | 8,743.41              | 71.61                   | 123.103           |                    |         |
| 2,000.00                                | 1,960.48            | 1,932.48            | 1,932.48            | 9.81            | 65.80       | 58.46                 | -803.48                           | 8,946.66   | 8,801.40             | 8,725.95              | 75.45                   | 116.656           |                    |         |
| 2,100.00                                | 2,057.21            | 2,029.21            | 2,029.21            | 10.29           | 69.17       | 58.59                 | -803.48                           | 8,946.66   | 8,787.83             | 8,708.54              | 79.29                   | 110.829           |                    |         |
| 2,200.00                                | 2,153.93            | 2,125.93            | 2,125.93            | 10.78           | 72.55       | 58.73                 | -803.48                           | 8,946.66   | 8,774.31             | 8,691.17              | 83.14                   | 105.536           |                    |         |
| 2,300.00                                | 2,250.66            | 2,222.66            | 2,222.66            | 11.28           | 75.92       | 58.87                 | -803.48                           | 8,946.66   | 8,760.84             | 8,673.85              | 86.99                   | 100.709           |                    |         |
| 2,400.00                                | 2,347.39            | 2,319.39            | 2,319.39            | 11.77           | 79.29       | 59.01                 | -803.48                           | 8,946.66   | 8,747.43             | 8,656.58              | 90.85                   | 96.288            |                    |         |
| 2,500.00                                | 2,444.11            | 2,416.11            | 2,416.11            | 12.27           | 82.67       | 59.15                 | -803.48                           | 8,946.66   | 8,734.07             | 8,639.36              | 94.70                   | 92.224            |                    |         |
| 2,600.00                                | 2,540.84            | 2,512.84            | 2,512.84            | 12.77           | 86.04       | 59.29                 | -803.48                           | 8,946.66   | 8,720.76             | 8,622.20              | 98.56                   | 88.478            |                    |         |
| 2,700.00                                | 2,637.57            | 2,609.57            | 2,609.57            | 13.27           | 89.41       | 59.43                 | -803.48                           | 8,946.66   | 8,707.51             | 8,605.08              | 102.43                  | 85.012            |                    |         |
| 2,800.00                                | 2,734.30            | 2,706.30            | 2,706.30            | 13.78           | 92.79       | 59.57                 | -803.48                           | 8,946.66   | 8,694.31             | 8,588.02              | 106.29                  | 81.797            |                    |         |
| 2,900.00                                | 2,831.02            | 2,803.02            | 2,803.02            | 14.28           | 96.16       | 59.71                 | -803.48                           | 8,946.66   | 8,681.16             | 8,571.01              | 110.16                  | 78.808            |                    |         |
| 3,000.00                                | 2,927.75            | 2,900.25            | 2,899.75            | 14.79           | 99.56       | 59.85                 | -803.48                           | 8,946.66   | 8,668.07             | 8,554.03              | 114.04                  | 76.008            |                    |         |
| 3,100.00                                | 3,024.48            | 3,003.52            | 2,996.48            | 15.29           | 103.16      | 59.99                 | -803.48                           | 8,946.66   | 8,655.04             | 8,536.90              | 118.14                  | 73.262            |                    |         |
| 3,200.00                                | 3,121.20            | 3,106.80            | 3,093.20            | 15.80           | 106.76      | 60.13                 | -803.48                           | 8,946.66   | 8,642.06             | 8,519.82              | 122.24                  | 70.699            |                    |         |
| 3,300.00                                | 3,217.93            | 3,189.93            | 3,189.93            | 16.31           | 109.66      | 60.28                 | -803.48                           | 8,946.66   | 8,629.13             | 8,503.49              | 125.63                  | 68.684            |                    |         |
| 3,400.00                                | 3,314.66            | 3,286.66            | 3,286.66            | 16.82           | 113.04      | 60.42                 | -803.48                           | 8,946.66   | 8,616.26             | 8,486.75              | 129.51                  | 66.531            |                    |         |
| 3,500.00                                | 3,411.38            | 3,383.38            | 3,383.38            | 17.33           | 116.41      | 60.56                 | -803.48                           | 8,946.66   | 8,603.44             | 8,470.06              | 133.38                  | 64.503            |                    |         |
| 3,600.00                                | 3,508.11            | 3,480.11            | 3,480.11            | 17.84           | 119.79      | 60.71                 | -803.48                           | 8,946.66   | 8,590.68             | 8,453.43              | 137.26                  | 62.589            |                    |         |
| 3,700.00                                | 3,604.84            | 3,576.84            | 3,576.84            | 18.36           | 123.17      | 60.85                 | -803.48                           | 8,946.66   | 8,577.98             | 8,436.85              | 141.13                  | 60.780            |                    |         |
| 3,800.00                                | 3,701.56            | 3,673.56            | 3,673.56            | 18.87           | 126.54      | 61.00                 | -803.48                           | 8,946.66   | 8,565.33             | 8,420.32              | 145.01                  | 59.068            |                    |         |
| 3,900.00                                | 3,798.29            | 3,770.29            | 3,770.29            | 19.38           | 129.92      | 61.14                 | -803.48                           | 8,946.66   | 8,552.74             | 8,403.86              | 148.89                  | 57.445            |                    |         |
| 4,000.00                                | 3,895.02            | 3,867.02            | 3,867.02            | 19.89           | 133.29      | 61.29                 | -803.48                           | 8,946.66   | 8,540.21             | 8,387.44              | 152.76                  | 55.904            |                    |         |
| 4,100.00                                | 3,991.74            | 3,963.74            | 3,963.74            | 20.41           | 136.67      | 61.43                 | -803.48                           | 8,946.66   | 8,527.73             | 8,371.09              | 156.64                  | 54.440            |                    |         |
| 4,200.00                                | 4,088.47            | 4,060.47            | 4,060.47            | 20.92           | 140.04      | 61.58                 | -803.48                           | 8,946.66   | 8,515.31             | 8,354.79              | 160.52                  | 53.047            |                    |         |
| 4,300.00                                | 4,185.20            | 4,157.20            | 4,157.20            | 21.44           | 143.42      | 61.72                 | -803.48                           | 8,946.66   | 8,502.95             | 8,338.55              | 164.40                  | 51.720            |                    |         |
| 4,400.00                                | 4,281.92            | 4,253.92            | 4,253.92            | 21.95           | 146.80      | 61.87                 | -803.48                           | 8,946.66   | 8,490.65             | 8,322.36              | 168.28                  | 50.454            |                    |         |
| 4,500.00                                | 4,378.65            | 4,350.65            | 4,350.65            | 22.47           | 150.17      | 62.02                 | -803.48                           | 8,946.66   | 8,478.40             | 8,306.24              | 172.17                  | 49.245            |                    |         |
| 4,600.00                                | 4,475.38            | 4,447.38            | 4,447.38            | 22.99           | 153.55      | 62.17                 | -803.48                           | 8,946.66   | 8,466.21             | 8,290.17              | 176.05                  | 48.090            |                    |         |
| 4,700.00                                | 4,572.10            | 4,544.10            | 4,544.10            | 23.50           | 156.92      | 62.31                 | -803.48                           | 8,946.66   | 8,454.09             | 8,274.15              | 179.93                  | 46.985            |                    |         |
| 4,800.00                                | 4,668.83            | 4,640.83            | 4,640.83            | 24.02           | 160.30      | 62.46                 | -803.48                           | 8,946.66   | 8,442.02             | 8,258.20              | 183.82                  | 45.927            |                    |         |
| 4,900.00                                | 4,765.56            | 4,737.56            | 4,737.56            | 24.53           | 163.68      | 62.61                 | -803.48                           | 8,946.66   | 8,430.00             | 8,242.31              | 187.70                  | 44.912            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                                | 4,862.28            | 4,834.28            | 4,834.28            | 25.05           | 167.05      | 62.76                 | -803.48                           | 8,946.66   | 8,418.05             | 8,226.47              | 191.58                  | 43.939            |                    |         |
| 5,100.00                                | 4,959.01            | 4,931.01            | 4,931.01            | 25.57           | 170.43      | 62.91                 | -803.48                           | 8,946.66   | 8,406.16             | 8,210.69              | 195.47                  | 43.005            |                    |         |
| 5,200.00                                | 5,055.74            | 5,027.74            | 5,027.74            | 26.09           | 173.80      | 63.06                 | -803.48                           | 8,946.66   | 8,394.33             | 8,194.98              | 199.35                  | 42.108            |                    |         |
| 5,300.00                                | 5,152.46            | 5,124.46            | 5,124.46            | 26.60           | 177.18      | 63.21                 | -803.48                           | 8,946.66   | 8,382.56             | 8,179.32              | 203.24                  | 41.245            |                    |         |
| 5,400.00                                | 5,249.19            | 5,221.19            | 5,221.19            | 27.12           | 180.56      | 63.36                 | -803.48                           | 8,946.66   | 8,370.85             | 8,163.72              | 207.13                  | 40.414            |                    |         |
| 5,500.00                                | 5,345.92            | 5,317.92            | 5,317.92            | 27.64           | 183.93      | 63.51                 | -803.48                           | 8,946.66   | 8,359.20             | 8,148.18              | 211.01                  | 39.615            |                    |         |
| 5,600.00                                | 5,442.65            | 5,414.65            | 5,414.65            | 28.16           | 187.31      | 63.67                 | -803.48                           | 8,946.66   | 8,347.61             | 8,132.71              | 214.90                  | 38.844            |                    |         |
| 5,700.00                                | 5,539.37            | 5,511.37            | 5,511.37            | 28.68           | 190.69      | 63.82                 | -803.48                           | 8,946.66   | 8,336.08             | 8,117.29              | 218.79                  | 38.101            |                    |         |
| 5,800.00                                | 5,636.10            | 5,608.10            | 5,608.10            | 29.20           | 194.06      | 63.97                 | -803.48                           | 8,946.66   | 8,324.61             | 8,101.93              | 222.68                  | 37.385            |                    |         |
| 5,900.00                                | 5,732.83            | 5,704.83            | 5,704.83            | 29.71           | 197.44      | 64.12                 | -803.48                           | 8,946.66   | 8,313.20             | 8,086.64              | 226.56                  | 36.693            |                    |         |
| 6,000.00                                | 5,829.55            | 5,801.55            | 5,801.55            | 30.23           | 200.81      | 64.28                 | -803.48                           | 8,946.66   | 8,301.86             | 8,071.41              | 230.45                  | 36.024            |                    |         |
| 6,100.00                                | 5,926.28            | 5,901.72            | 5,901.72            | 30.75           | 204.31      | 64.43                 | -803.48                           | 8,946.66   | 8,290.58             | 8,056.12              | 234.46                  | 35.360            |                    |         |
| 6,200.00                                | 6,023.01            | 6,004.99            | 6,004.99            | 31.27           | 207.92      | 64.59                 | -803.48                           | 8,946.66   | 8,279.36             | 8,040.78              | 238.58                  | 34.703            |                    |         |
| 6,300.00                                | 6,119.73            | 6,108.27            | 6,108.27            | 31.79           | 211.52      | 64.74                 | -803.48                           | 8,946.66   | 8,268.20             | 8,025.50              | 242.70                  | 34.068            |                    |         |
| 6,397.75                                | 6,214.28            | 6,186.28            | 6,186.28            | 32.30           | 214.24      | 64.89                 | -803.48                           | 8,946.66   | 8,257.36             | 8,011.43              | 245.92                  | 33.577            |                    |         |
| 6,400.00                                | 6,216.46            | 6,188.46            | 6,188.46            | 32.31           | 214.32      | 65.48                 | -803.48                           | 8,946.66   | 8,257.11             | 8,011.10              | 246.01                  | 33.564            |                    |         |
| 6,450.00                                | 6,265.12            | 6,237.12            | 6,237.12            | 32.56           | 216.02      | 81.55                 | -803.48                           | 8,946.66   | 8,253.64             | 8,005.68              | 247.96                  | 33.287            |                    |         |
| 6,470.84                                | 6,285.53            | 6,257.53            | 6,257.53            | 32.65           | 216.73      | 90.00                 | -803.48                           | 8,946.66   | 8,253.31             | 8,004.54              | 248.77                  | 33.177 CC         |                    |         |
| 6,500.00                                | 6,314.12            | 6,286.12            | 6,286.12            | 32.78           | 217.73      | 103.07                | -803.48                           | 8,946.66   | 8,253.95             | 8,004.06              | 249.90                  | 33.029 ES         |                    |         |
| 6,550.00                                | 6,363.16            | 6,335.16            | 6,335.16            | 32.99           | 219.44      | 125.49                | -803.48                           | 8,946.66   | 8,258.05             | 8,006.23              | 251.82                  | 32.793            |                    |         |
| 6,600.00                                | 6,411.94            | 6,383.94            | 6,383.94            | 33.18           | 221.14      | 143.28                | -803.48                           | 8,946.66   | 8,265.90             | 8,012.19              | 253.71                  | 32.580            |                    |         |
| 6,650.00                                | 6,460.15            | 6,432.15            | 6,432.15            | 33.35           | 222.83      | 155.61                | -803.48                           | 8,946.66   | 8,277.45             | 8,021.89              | 255.56                  | 32.389            |                    |         |
| 6,700.00                                | 6,507.49            | 6,479.49            | 6,479.49            | 33.52           | 224.48      | 164.07                | -803.48                           | 8,946.66   | 8,292.62             | 8,035.26              | 257.36                  | 32.221            |                    |         |
| 6,750.00                                | 6,553.69            | 6,525.69            | 6,525.69            | 33.69           | 226.09      | 170.13                | -803.48                           | 8,946.66   | 8,311.33             | 8,052.22              | 259.11                  | 32.076            |                    |         |
| 6,800.00                                | 6,598.44            | 6,570.44            | 6,570.44            | 33.85           | 227.65      | 174.75                | -803.48                           | 8,946.66   | 8,333.45             | 8,072.66              | 260.80                  | 31.954            |                    |         |
| 6,850.00                                | 6,641.47            | 6,613.47            | 6,613.47            | 34.02           | 229.15      | 178.50                | -803.48                           | 8,946.66   | 8,358.85             | 8,096.44              | 262.41                  | 31.855            |                    |         |
| 6,900.00                                | 6,682.53            | 6,654.53            | 6,654.53            | 34.19           | 230.59      | -178.26               | -803.48                           | 8,946.66   | 8,387.36             | 8,123.43              | 263.94                  | 31.778            |                    |         |
| 6,950.00                                | 6,721.35            | 6,706.65            | 6,706.65            | 34.38           | 232.41      | -175.27               | -803.48                           | 8,946.66   | 8,418.82             | 8,152.98              | 265.84                  | 31.669            |                    |         |
| 7,000.00                                | 6,757.70            | 6,729.70            | 6,729.70            | 34.57           | 233.21      | -172.35               | -803.48                           | 8,946.66   | 8,453.03             | 8,186.31              | 266.72                  | 31.693            |                    |         |
| 7,050.00                                | 6,791.35            | 6,763.35            | 6,763.35            | 34.79           | 234.39      | -169.32               | -803.48                           | 8,946.66   | 8,489.78             | 8,221.82              | 267.96                  | 31.683            |                    |         |
| 7,100.00                                | 6,822.10            | 6,805.90            | 6,794.10            | 35.03           | 235.87      | -166.01               | -803.48                           | 8,946.66   | 8,528.84             | 8,259.35              | 269.50                  | 31.647 SF         |                    |         |
| 7,150.00                                | 6,849.75            | 6,821.75            | 6,821.75            | 35.30           | 236.43      | -162.22               | -803.48                           | 8,946.66   | 8,569.98             | 8,299.89              | 270.10                  | 31.729            |                    |         |
| 7,200.00                                | 6,874.14            | 6,846.14            | 6,846.14            | 35.61           | 237.28      | -157.67               | -803.48                           | 8,946.66   | 8,612.95             | 8,341.96              | 270.99                  | 31.783            |                    |         |
| 7,250.00                                | 6,895.11            | 6,867.11            | 6,867.11            | 35.95           | 238.01      | -151.99               | -803.48                           | 8,946.66   | 8,657.48             | 8,385.72              | 271.76                  | 31.857            |                    |         |
| 7,300.00                                | 6,912.54            | 6,884.54            | 6,884.54            | 36.34           | 238.62      | -144.69               | -803.48                           | 8,946.66   | 8,703.30             | 8,430.90              | 272.40                  | 31.950            |                    |         |
| 7,350.00                                | 6,926.31            | 6,901.69            | 6,898.31            | 36.77           | 239.22      | -135.16               | -803.48                           | 8,946.66   | 8,750.14             | 8,477.11              | 273.03                  | 32.048            |                    |         |
| 7,400.00                                | 6,936.35            | 6,908.35            | 6,908.35            | 37.25           | 239.45      | -122.86               | -803.48                           | 8,946.66   | 8,797.71             | 8,524.41              | 273.29                  | 32.192            |                    |         |
| 7,450.00                                | 6,942.59            | 6,914.59            | 6,914.59            | 37.76           | 239.67      | -107.95               | -803.48                           | 8,946.66   | 8,845.71             | 8,572.17              | 273.54                  | 32.338            |                    |         |
| 7,500.00                                | 6,944.99            | 6,916.99            | 6,916.99            | 38.31           | 239.75      | -91.94                | -803.48                           | 8,946.66   | 8,893.86             | 8,620.20              | 273.66                  | 32.500            |                    |         |
| 7,512.10                                | 6,945.00            | 6,917.00            | 6,917.00            | 38.44           | 239.75      | -88.17                | -803.48                           | 8,946.66   | 8,905.50             | 8,631.84              | 273.67                  | 32.541            |                    |         |
| 7,600.00                                | 6,944.19            | 6,916.19            | 6,916.19            | 39.51           | 239.72      | -88.15                | -803.48                           | 8,946.66   | 8,990.06             | 8,716.35              | 273.71                  | 32.845            |                    |         |
| 7,700.00                                | 6,943.28            | 6,915.28            | 6,915.28            | 40.90           | 239.69      | -88.13                | -803.48                           | 8,946.66   | 9,086.33             | 8,812.56              | 273.77                  | 33.190            |                    |         |
| 7,800.00                                | 6,942.37            | 6,914.37            | 6,914.37            | 42.44           | 239.66      | -88.11                | -803.48                           | 8,946.66   | 9,182.68             | 8,908.84              | 273.85                  | 33.532            |                    |         |
| 7,900.00                                | 6,941.46            | 6,913.46            | 6,913.46            | 44.11           | 239.63      | -88.09                | -803.48                           | 8,946.66   | 9,279.11             | 9,005.18              | 273.93                  | 33.874            |                    |         |
| 8,000.00                                | 6,940.55            | 6,912.55            | 6,912.55            | 45.90           | 239.59      | -88.07                | -803.48                           | 8,946.66   | 9,375.62             | 9,101.59              | 274.03                  | 34.214            |                    |         |
| 8,100.00                                | 6,939.64            | 6,911.64            | 6,911.64            | 47.80           | 239.56      | -88.04                | -803.48                           | 8,946.66   | 9,472.19             | 9,198.05              | 274.14                  | 34.552            |                    |         |
| 8,200.00                                | 6,938.72            | 6,910.72            | 6,910.72            | 49.79           | 239.53      | -88.02                | -803.48                           | 8,946.66   | 9,568.84             | 9,294.58              | 274.26                  | 34.890            |                    |         |
| 8,300.00                                | 6,937.81            | 6,909.81            | 6,909.81            | 51.86           | 239.50      | -88.00                | -803.48                           | 8,946.66   | 9,665.56             | 9,391.17              | 274.39                  | 35.226            |                    |         |
| 8,400.00                                | 6,936.90            | 6,908.90            | 6,908.90            | 54.01           | 239.47      | -87.98                | -803.48                           | 8,946.66   | 9,762.34             | 9,487.82              | 274.52                  | 35.561            |                    |         |
| 8,500.00                                | 6,935.99            | 6,907.99            | 6,907.99            | 56.21           | 239.44      | -87.96                | -803.48                           | 8,946.66   | 9,859.19             | 9,584.52              | 274.66                  | 35.896            |                    |         |
| 8,600.00                                | 6,935.08            | 6,907.08            | 6,907.08            | 58.47           | 239.40      | -87.94                | -803.48                           | 8,946.66   | 9,956.09             | 9,681.28              | 274.81                  | 36.229            |                    |         |



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 2,400.00                                | 2,347.39            | 2,303.39            | 2,303.39            | 11.77           | 78.73       | 49.89                 | 636.02                            | 10,262.81  | 9,992.43             | 9,902.24              | 90.19                   | 110.789           |                    |         |
| 2,500.00                                | 2,444.11            | 2,400.11            | 2,400.11            | 12.27           | 82.11       | 50.00                 | 636.02                            | 10,262.81  | 9,975.79             | 9,881.74              | 94.04                   | 106.077           |                    |         |
| 2,600.00                                | 2,540.84            | 2,503.16            | 2,496.84            | 12.77           | 85.70       | 50.11                 | 636.02                            | 10,262.81  | 9,959.18             | 9,861.06              | 98.12                   | 101.504           |                    |         |
| 2,700.00                                | 2,637.57            | 2,606.43            | 2,593.57            | 13.27           | 89.31       | 50.22                 | 636.02                            | 10,262.81  | 9,942.60             | 9,840.41              | 102.20                  | 97.287            |                    |         |
| 2,800.00                                | 2,734.30            | 2,709.70            | 2,690.30            | 13.78           | 92.91       | 50.33                 | 636.02                            | 10,262.81  | 9,926.07             | 9,819.78              | 106.28                  | 93.393            |                    |         |
| 2,900.00                                | 2,831.02            | 2,787.02            | 2,787.02            | 14.28           | 95.61       | 50.44                 | 636.02                            | 10,262.81  | 9,909.57             | 9,800.11              | 109.46                  | 90.528            |                    |         |
| 3,000.00                                | 2,927.75            | 2,883.75            | 2,883.75            | 14.79           | 98.98       | 50.55                 | 636.02                            | 10,262.81  | 9,893.11             | 9,779.79              | 113.32                  | 87.300            |                    |         |
| 3,100.00                                | 3,024.48            | 2,980.48            | 2,980.48            | 15.29           | 102.36      | 50.66                 | 636.02                            | 10,262.81  | 9,876.69             | 9,759.50              | 117.18                  | 84.283            |                    |         |
| 3,200.00                                | 3,121.20            | 3,077.20            | 3,077.20            | 15.80           | 105.73      | 50.78                 | 636.02                            | 10,262.81  | 9,860.30             | 9,739.25              | 121.05                  | 81.458            |                    |         |
| 3,300.00                                | 3,217.93            | 3,173.93            | 3,173.93            | 16.31           | 109.11      | 50.89                 | 636.02                            | 10,262.81  | 9,843.95             | 9,719.04              | 124.91                  | 78.808            |                    |         |
| 3,400.00                                | 3,314.66            | 3,270.66            | 3,270.66            | 16.82           | 112.48      | 51.00                 | 636.02                            | 10,262.81  | 9,827.65             | 9,698.87              | 128.78                  | 76.316            |                    |         |
| 3,500.00                                | 3,411.38            | 3,367.38            | 3,367.38            | 17.33           | 115.86      | 51.11                 | 636.02                            | 10,262.81  | 9,811.38             | 9,678.74              | 132.64                  | 73.969            |                    |         |
| 3,600.00                                | 3,508.11            | 3,464.11            | 3,464.11            | 17.84           | 119.23      | 51.23                 | 636.02                            | 10,262.81  | 9,795.15             | 9,658.64              | 136.51                  | 71.755            |                    |         |
| 3,700.00                                | 3,604.84            | 3,560.84            | 3,560.84            | 18.36           | 122.61      | 51.34                 | 636.02                            | 10,262.81  | 9,778.95             | 9,638.58              | 140.38                  | 69.663            |                    |         |
| 3,800.00                                | 3,701.56            | 3,657.56            | 3,657.56            | 18.87           | 125.98      | 51.45                 | 636.02                            | 10,262.81  | 9,762.80             | 9,618.56              | 144.24                  | 67.683            |                    |         |
| 3,900.00                                | 3,798.29            | 3,754.29            | 3,754.29            | 19.38           | 129.36      | 51.57                 | 636.02                            | 10,262.81  | 9,746.69             | 9,598.57              | 148.11                  | 65.806            |                    |         |
| 4,000.00                                | 3,895.02            | 3,851.02            | 3,851.02            | 19.89           | 132.73      | 51.68                 | 636.02                            | 10,262.81  | 9,730.61             | 9,578.63              | 151.98                  | 64.024            |                    |         |
| 4,100.00                                | 3,991.74            | 3,947.74            | 3,947.74            | 20.41           | 136.11      | 51.80                 | 636.02                            | 10,262.81  | 9,714.58             | 9,558.72              | 155.85                  | 62.331            |                    |         |
| 4,200.00                                | 4,088.47            | 4,044.47            | 4,044.47            | 20.92           | 139.49      | 51.91                 | 636.02                            | 10,262.81  | 9,698.58             | 9,538.86              | 159.73                  | 60.720            |                    |         |
| 4,300.00                                | 4,185.20            | 4,141.20            | 4,141.20            | 21.44           | 142.86      | 52.03                 | 636.02                            | 10,262.81  | 9,682.63             | 9,519.03              | 163.60                  | 59.185            |                    |         |
| 4,400.00                                | 4,281.92            | 4,237.92            | 4,237.92            | 21.95           | 146.24      | 52.15                 | 636.02                            | 10,262.81  | 9,666.71             | 9,499.24              | 167.47                  | 57.722            |                    |         |
| 4,500.00                                | 4,378.65            | 4,334.65            | 4,334.65            | 22.47           | 149.61      | 52.26                 | 636.02                            | 10,262.81  | 9,650.84             | 9,479.49              | 171.34                  | 56.324            |                    |         |
| 4,600.00                                | 4,475.38            | 4,431.38            | 4,431.38            | 22.99           | 152.99      | 52.38                 | 636.02                            | 10,262.81  | 9,635.01             | 9,459.79              | 175.22                  | 54.989            |                    |         |
| 4,700.00                                | 4,572.10            | 4,528.10            | 4,528.10            | 23.50           | 156.37      | 52.50                 | 636.02                            | 10,262.81  | 9,619.21             | 9,440.12              | 179.09                  | 53.711            |                    |         |
| 4,800.00                                | 4,668.83            | 4,624.83            | 4,624.83            | 24.02           | 159.74      | 52.61                 | 636.02                            | 10,262.81  | 9,603.46             | 9,420.49              | 182.97                  | 52.487            |                    |         |
| 4,900.00                                | 4,765.56            | 4,721.56            | 4,721.56            | 24.53           | 163.12      | 52.73                 | 636.02                            | 10,262.81  | 9,587.75             | 9,400.91              | 186.84                  | 51.314            |                    |         |
| 5,000.00                                | 4,862.28            | 4,818.28            | 4,818.28            | 25.05           | 166.49      | 52.85                 | 636.02                            | 10,262.81  | 9,572.08             | 9,381.36              | 190.72                  | 50.189            |                    |         |
| 5,100.00                                | 4,959.01            | 4,915.01            | 4,915.01            | 25.57           | 169.87      | 52.97                 | 636.02                            | 10,262.81  | 9,556.46             | 9,361.86              | 194.60                  | 49.109            |                    |         |
| 5,200.00                                | 5,055.74            | 5,011.74            | 5,011.74            | 26.09           | 173.25      | 53.09                 | 636.02                            | 10,262.81  | 9,540.87             | 9,342.40              | 198.47                  | 48.071            |                    |         |
| 5,300.00                                | 5,152.46            | 5,108.46            | 5,108.46            | 26.60           | 176.62      | 53.21                 | 636.02                            | 10,262.81  | 9,525.33             | 9,322.98              | 202.35                  | 47.073            |                    |         |
| 5,400.00                                | 5,249.19            | 5,205.19            | 5,205.19            | 27.12           | 180.00      | 53.33                 | 636.02                            | 10,262.81  | 9,509.83             | 9,303.60              | 206.23                  | 46.113            |                    |         |
| 5,500.00                                | 5,345.92            | 5,301.92            | 5,301.92            | 27.64           | 183.37      | 53.45                 | 636.02                            | 10,262.81  | 9,494.37             | 9,284.26              | 210.11                  | 45.188            |                    |         |
| 5,600.00                                | 5,442.65            | 5,401.36            | 5,398.65            | 28.16           | 186.84      | 53.57                 | 636.02                            | 10,262.81  | 9,478.95             | 9,264.87              | 214.08                  | 44.278            |                    |         |
| 5,700.00                                | 5,539.37            | 5,504.63            | 5,495.37            | 28.68           | 190.45      | 53.69                 | 636.02                            | 10,262.81  | 9,463.58             | 9,245.39              | 218.19                  | 43.374            |                    |         |
| 5,800.00                                | 5,636.10            | 5,607.90            | 5,592.10            | 29.20           | 194.05      | 53.81                 | 636.02                            | 10,262.81  | 9,448.25             | 9,225.96              | 222.30                  | 42.503            |                    |         |
| 5,900.00                                | 5,732.83            | 5,688.83            | 5,688.83            | 29.71           | 196.88      | 53.93                 | 636.02                            | 10,262.81  | 9,432.97             | 9,207.34              | 225.62                  | 41.808            |                    |         |
| 6,000.00                                | 5,829.55            | 5,785.55            | 5,785.55            | 30.23           | 200.26      | 54.05                 | 636.02                            | 10,262.81  | 9,417.72             | 9,188.22              | 229.50                  | 41.035            |                    |         |
| 6,100.00                                | 5,926.28            | 5,882.28            | 5,882.28            | 30.75           | 203.63      | 54.18                 | 636.02                            | 10,262.81  | 9,402.53             | 9,169.14              | 233.38                  | 40.288            |                    |         |
| 6,200.00                                | 6,023.01            | 5,979.01            | 5,979.01            | 31.27           | 207.01      | 54.30                 | 636.02                            | 10,262.81  | 9,387.37             | 9,150.10              | 237.27                  | 39.565            |                    |         |
| 6,300.00                                | 6,119.73            | 6,075.73            | 6,075.73            | 31.79           | 210.38      | 54.42                 | 636.02                            | 10,262.81  | 9,372.26             | 9,131.11              | 241.15                  | 38.865            |                    |         |
| 6,397.75                                | 6,214.28            | 6,170.28            | 6,170.28            | 32.30           | 213.68      | 54.54                 | 636.02                            | 10,262.81  | 9,357.53             | 9,112.59              | 244.94                  | 38.203            |                    |         |
| 6,400.00                                | 6,216.46            | 6,172.46            | 6,172.46            | 32.31           | 213.76      | 55.13                 | 636.02                            | 10,262.81  | 9,357.20             | 9,112.17              | 245.03                  | 38.188            |                    |         |
| 6,450.00                                | 6,265.12            | 6,221.12            | 6,221.12            | 32.56           | 215.46      | 71.23                 | 636.02                            | 10,262.81  | 9,351.80             | 9,104.82              | 246.97                  | 37.866            |                    |         |
| 6,494.08                                | 6,308.31            | 6,264.31            | 6,264.31            | 32.76           | 216.97      | 90.00                 | 636.02                            | 10,262.81  | 9,350.27             | 9,101.59              | 248.68                  | 37.599 CC         |                    |         |
| 6,500.00                                | 6,314.12            | 6,270.12            | 6,270.12            | 32.78           | 217.17      | 92.72                 | 636.02                            | 10,262.81  | 9,350.30             | 9,101.39              | 248.91                  | 37.564 ES         |                    |         |
| 6,550.00                                | 6,363.16            | 6,319.16            | 6,319.16            | 32.99           | 218.88      | 115.05                | 636.02                            | 10,262.81  | 9,352.72             | 9,101.89              | 250.84                  | 37.286            |                    |         |
| 6,600.00                                | 6,411.94            | 6,367.94            | 6,367.94            | 33.18           | 220.58      | 132.71                | 636.02                            | 10,262.81  | 9,359.04             | 9,106.32              | 252.73                  | 37.032            |                    |         |
| 6,650.00                                | 6,460.15            | 6,416.15            | 6,416.15            | 33.35           | 222.27      | 144.83                | 636.02                            | 10,262.81  | 9,369.22             | 9,114.65              | 254.58                  | 36.803            |                    |         |
| 6,700.00                                | 6,507.49            | 6,463.49            | 6,463.49            | 33.52           | 223.92      | 153.02                | 636.02                            | 10,262.81  | 9,383.20             | 9,126.82              | 256.38                  | 36.599            |                    |         |
| 6,750.00                                | 6,553.69            | 6,509.69            | 6,509.69            | 33.69           | 225.53      | 158.74                | 636.02                            | 10,262.81  | 9,400.89             | 9,142.76              | 258.13                  | 36.420            |                    |         |
| 6,800.00                                | 6,598.44            | 6,554.44            | 6,554.44            | 33.85           | 227.09      | 162.94                | 636.02                            | 10,262.81  | 9,422.17             | 9,162.36              | 259.80                  | 36.267            |                    |         |
| 6,850.00                                | 6,641.47            | 6,602.53            | 6,597.47            | 34.02           | 228.77      | 166.16                | 636.02                            | 10,262.81  | 9,446.91             | 9,185.33              | 261.58                  | 36.115            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

|   |                |                |                |                 |        |                   |                        |                 |                  |                    |                   |                           |         |
|---|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|-----------------|------------------|--------------------|-------------------|---------------------------|---------|
| <b>Offset Design</b>                    |                |                |                |                 |        |                   |                        |                 |                  |                    |                   | <b>Offset Site Error:</b> | 0.00 ft |
| Boomerang 21-5 - KELLY #2-3 - OH - OH   |                |                |                |                 |        |                   |                        |                 |                  |                    |                   | <b>Offset Well Error:</b> | 3.28 ft |
| Survey Program: 100-2" Cone@2.448 Sigma |                |                |                |                 |        |                   |                        |                 |                  |                    |                   |                           |         |
| Reference                               |                | Offset         |                | Semi Major Axis |        |                   | Distance               |                 |                  |                    |                   |                           |         |
| Measured Depth                          | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre | Between Centres | Between Ellipses | Minimum Separation | Separation Factor | Warning                   |         |
| (ft)                                    | (ft)           | (ft)           | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft)      | (ft)             | (ft)               | (ft)              |                           |         |
| 6,900.00                                | 6,682.53       | 6,638.53       | 6,638.53       | 34.19           | 230.03 | 168.76            | 636.02                 | 10,262.81       | 9,474.97         | 9,212.05           | 262.92            | 36.037                    |         |
| 6,950.00                                | 6,721.35       | 6,677.35       | 6,677.35       | 34.38           | 231.38 | 170.97            | 636.02                 | 10,262.81       | 9,506.16         | 9,241.82           | 264.35            | 35.961                    |         |
| 7,000.00                                | 6,757.70       | 6,713.70       | 6,713.70       | 34.57           | 232.65 | 172.93            | 636.02                 | 10,262.81       | 9,540.30         | 9,274.63           | 265.67            | 35.910                    |         |
| 7,050.00                                | 6,791.35       | 6,747.35       | 6,747.35       | 34.79           | 233.83 | 174.78            | 636.02                 | 10,262.81       | 9,577.16         | 9,310.27           | 266.89            | 35.884                    |         |
| 7,100.00                                | 6,822.10       | 6,778.10       | 6,778.10       | 35.03           | 234.90 | 176.63            | 636.02                 | 10,262.81       | 9,616.53         | 9,348.54           | 268.00            | 35.883 SF                 |         |
| 7,150.00                                | 6,849.75       | 6,805.75       | 6,805.75       | 35.30           | 235.87 | 178.61            | 636.02                 | 10,262.81       | 9,658.16         | 9,389.18           | 268.99            | 35.906                    |         |
| 7,200.00                                | 6,874.14       | 6,830.14       | 6,830.14       | 35.61           | 236.72 | -179.10           | 636.02                 | 10,262.81       | 9,701.80         | 9,431.95           | 269.85            | 35.952                    |         |
| 7,250.00                                | 6,895.11       | 6,851.11       | 6,851.11       | 35.95           | 237.45 | -176.22           | 636.02                 | 10,262.81       | 9,747.17         | 9,476.57           | 270.59            | 36.021                    |         |
| 7,300.00                                | 6,912.54       | 6,868.54       | 6,868.54       | 36.34           | 238.06 | -172.28           | 636.02                 | 10,262.81       | 9,793.99         | 9,522.78           | 271.21            | 36.113                    |         |
| 7,350.00                                | 6,926.31       | 6,882.31       | 6,882.31       | 36.77           | 238.54 | -166.22           | 636.02                 | 10,262.81       | 9,841.98         | 9,570.29           | 271.69            | 36.225                    |         |
| 7,400.00                                | 6,936.35       | 6,907.65       | 6,892.35       | 37.25           | 239.42 | -155.61           | 636.02                 | 10,262.81       | 9,890.84         | 9,618.27           | 272.57            | 36.287                    |         |
| 7,450.00                                | 6,942.59       | 6,901.41       | 6,898.59       | 37.76           | 239.21 | -134.23           | 636.02                 | 10,262.81       | 9,940.28         | 9,667.92           | 272.35            | 36.498                    |         |
| 7,500.00                                | 6,944.99       | 6,900.99       | 6,900.99       | 38.31           | 239.19 | -95.26            | 636.02                 | 10,262.81       | 9,989.98         | 9,717.64           | 272.34            | 36.682                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 169-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                    | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 97.73                 | -716.74                           | 5,277.56   | 5,326.05             |                       |                         |                   |                    |         |
| 100.00                  | 100.00              | 95.45               | 95.45               | 3.28            | 3.29        | 97.74                 | -716.94                           | 5,277.36   | 5,325.87             | 5,319.30              | 6.57                    | 810.456           |                    |         |
| 200.00                  | 200.00              | 231.24              | 231.23              | 3.34            | 3.34        | 97.74                 | -717.59                           | 5,276.29   | 5,325.14             | 5,318.46              | 6.68                    | 797.139           |                    |         |
| 300.00                  | 300.00              | 314.08              | 314.07              | 3.44            | 3.43        | 97.75                 | -717.99                           | 5,275.54   | 5,324.31             | 5,317.43              | 6.88                    | 774.301           |                    |         |
| 400.00                  | 399.98              | 445.17              | 445.15              | 3.60            | 3.64        | 67.67                 | -718.60                           | 5,274.36   | 5,322.86             | 5,315.62              | 7.25                    | 734.671           |                    |         |
| 500.00                  | 499.84              | 560.48              | 560.45              | 3.81            | 3.89        | 67.80                 | -718.80                           | 5,272.66   | 5,319.43             | 5,311.74              | 7.69                    | 691.439           |                    |         |
| 550.00                  | 549.68              | 591.07              | 591.03              | 3.93            | 3.96        | 67.87                 | -718.90                           | 5,272.25   | 5,317.28             | 5,309.40              | 7.88                    | 674.607           |                    |         |
| 600.00                  | 599.45              | 627.16              | 627.13              | 4.06            | 4.05        | 65.65                 | -719.10                           | 5,271.83   | 5,314.84             | 5,306.74              | 8.10                    | 656.389           |                    |         |
| 700.00                  | 698.71              | 711.92              | 711.88              | 4.33            | 4.28        | 62.98                 | -719.71                           | 5,271.06   | 5,308.72             | 5,300.12              | 8.60                    | 617.305           |                    |         |
| 800.00                  | 797.49              | 792.49              | 792.45              | 4.64            | 4.52        | 61.51                 | -720.18                           | 5,270.56   | 5,300.86             | 5,291.72              | 9.14                    | 580.006           |                    |         |
| 900.00                  | 895.68              | 889.60              | 889.56              | 4.97            | 4.81        | 60.69                 | -719.69                           | 5,270.39   | 5,291.31             | 5,281.54              | 9.77                    | 541.755           |                    |         |
| 1,000.00                | 993.14              | 975.47              | 975.37              | 5.33            | 5.08        | 60.21                 | -717.11                           | 5,270.53   | 5,279.79             | 5,269.39              | 10.39                   | 508.023           |                    |         |
| 1,039.84                | 1,031.75            | 1,005.46            | 1,005.34            | 5.48            | 5.18        | 60.09                 | -715.62                           | 5,270.74   | 5,274.76             | 5,264.12              | 10.64                   | 495.824           |                    |         |
| 1,100.00                | 1,089.94            | 1,109.93            | 1,109.58            | 5.72            | 5.52        | 60.26                 | -708.86                           | 5,271.47   | 5,266.84             | 5,255.62              | 11.21                   | 469.665           |                    |         |
| 1,200.00                | 1,186.67            | 1,529.47            | 1,527.03            | 6.13            | 7.09        | 60.89                 | -670.53                           | 5,260.62   | 5,249.81             | 5,236.64              | 13.17                   | 398.705           |                    |         |
| 1,300.00                | 1,283.39            | 1,653.63            | 1,650.74            | 6.55            | 7.60        | 61.14                 | -663.33                           | 5,252.95   | 5,230.17             | 5,216.11              | 14.06                   | 371.878           |                    |         |
| 1,400.00                | 1,380.12            | 1,700.84            | 1,697.78            | 6.99            | 7.79        | 61.23                 | -660.42                           | 5,250.01   | 5,210.49             | 5,195.81              | 14.68                   | 354.970           |                    |         |
| 1,500.00                | 1,476.85            | 1,753.00            | 1,749.81            | 7.45            | 8.00        | 61.34                 | -658.08                           | 5,247.28   | 5,191.90             | 5,176.58              | 15.33                   | 338.763           |                    |         |
| 1,600.00                | 1,573.57            | 1,792.17            | 1,788.90            | 7.90            | 8.16        | 61.42                 | -656.47                           | 5,245.60   | 5,174.30             | 5,158.37              | 15.93                   | 324.738           |                    |         |
| 1,700.00                | 1,670.30            | 1,845.68            | 1,842.31            | 8.37            | 8.38        | 61.53                 | -653.62                           | 5,243.80   | 5,157.62             | 5,141.01              | 16.61                   | 310.568           |                    |         |
| 1,800.00                | 1,767.03            | 1,948.98            | 1,945.41            | 8.85            | 8.81        | 61.74                 | -648.16                           | 5,240.65   | 5,141.28             | 5,123.79              | 17.49                   | 294.023           |                    |         |
| 1,900.00                | 1,863.75            | 2,018.47            | 2,014.81            | 9.32            | 9.10        | 61.88                 | -645.26                           | 5,238.57   | 5,125.26             | 5,107.03              | 18.24                   | 281.017           |                    |         |
| 2,000.00                | 1,960.48            | 2,133.43            | 2,129.66            | 9.81            | 9.58        | 62.14                 | -641.32                           | 5,235.16   | 5,109.47             | 5,090.30              | 19.18                   | 266.456           |                    |         |
| 2,100.00                | 2,057.21            | 2,172.98            | 2,169.19            | 10.29           | 9.74        | 62.23                 | -640.38                           | 5,234.13   | 5,094.14             | 5,074.32              | 19.82                   | 257.015           |                    |         |
| 2,200.00                | 2,153.93            | 2,224.83            | 2,221.01            | 10.78           | 9.95        | 62.36                 | -639.70                           | 5,233.13   | 5,079.82             | 5,059.31              | 20.52                   | 247.583           |                    |         |
| 2,300.00                | 2,250.66            | 2,303.25            | 2,299.42            | 11.28           | 10.28       | 62.55                 | -638.60                           | 5,232.07   | 5,066.16             | 5,044.84              | 21.32                   | 237.590           |                    |         |
| 2,400.00                | 2,347.39            | 2,447.77            | 2,443.90            | 11.77           | 10.88       | 62.90                 | -636.10                           | 5,229.89   | 5,052.42             | 5,030.02              | 22.40                   | 225.595           |                    |         |
| 2,500.00                | 2,444.11            | 2,560.88            | 2,556.96            | 12.27           | 11.35       | 63.18                 | -633.81                           | 5,227.26   | 5,037.87             | 5,014.52              | 23.35                   | 215.758           |                    |         |
| 2,600.00                | 2,540.84            | 2,616.14            | 2,612.20            | 12.77           | 11.58       | 63.32                 | -633.25                           | 5,226.01   | 5,023.73             | 4,999.66              | 24.07                   | 208.678           |                    |         |
| 2,700.00                | 2,637.57            | 2,674.00            | 2,670.05            | 13.27           | 11.81       | 63.47                 | -633.68                           | 5,225.21   | 5,010.71             | 4,985.90              | 24.81                   | 201.978           |                    |         |
| 2,800.00                | 2,734.30            | 2,674.00            | 2,670.05            | 13.78           | 11.81       | 63.47                 | -633.68                           | 5,225.21   | 4,998.93             | 4,973.61              | 25.32                   | 197.460           |                    |         |
| 2,900.00                | 2,831.02            | 2,732.50            | 2,728.55            | 14.28           | 12.04       | 63.64                 | -634.48                           | 5,225.36   | 4,988.17             | 4,962.12              | 26.05                   | 191.520           |                    |         |
| 3,000.00                | 2,927.75            | 2,770.94            | 2,766.98            | 14.79           | 12.19       | 63.74                 | -634.78                           | 5,226.18   | 4,978.88             | 4,952.18              | 26.70                   | 186.497           |                    |         |
| 3,100.00                | 3,024.48            | 2,893.09            | 2,889.09            | 15.29           | 12.66       | 64.06                 | -635.45                           | 5,229.12   | 4,969.92             | 4,942.25              | 27.67                   | 179.602           |                    |         |
| 3,200.00                | 3,121.20            | 3,018.08            | 3,014.05            | 15.80           | 13.15       | 64.40                 | -636.39                           | 5,231.60   | 4,960.77             | 4,932.10              | 28.66                   | 173.076           |                    |         |
| 3,300.00                | 3,217.93            | 3,145.13            | 3,141.09            | 16.31           | 13.65       | 64.74                 | -637.38                           | 5,233.09   | 4,950.91             | 4,921.24              | 29.66                   | 166.894           |                    |         |
| 3,400.00                | 3,314.66            | 3,247.05            | 3,243.00            | 16.82           | 14.06       | 65.02                 | -638.36                           | 5,234.00   | 4,940.95             | 4,910.37              | 30.57                   | 161.601           |                    |         |
| 3,500.00                | 3,411.38            | 3,351.75            | 3,347.70            | 17.33           | 14.48       | 65.30                 | -638.62                           | 5,234.81   | 4,930.82             | 4,899.32              | 31.50                   | 156.530           |                    |         |
| 3,600.00                | 3,508.11            | 3,445.06            | 3,440.99            | 17.84           | 14.87       | 65.54                 | -637.81                           | 5,235.88   | 4,920.90             | 4,888.51              | 32.39                   | 151.929           |                    |         |
| 3,700.00                | 3,604.84            | 3,600.80            | 3,596.68            | 18.36           | 15.52       | 65.92                 | -634.25                           | 5,237.33   | 4,910.53             | 4,876.99              | 33.54                   | 146.429           |                    |         |
| 3,800.00                | 3,701.56            | 3,706.82            | 3,702.68            | 18.87           | 15.96       | 66.19                 | -632.06                           | 5,237.58   | 4,899.65             | 4,865.16              | 34.49                   | 142.076           |                    |         |
| 3,900.00                | 3,798.29            | 3,836.83            | 3,832.69            | 19.38           | 16.51       | 66.54                 | -631.82                           | 5,236.47   | 4,888.29             | 4,852.76              | 35.53                   | 137.581           |                    |         |
| 4,000.00                | 3,895.02            | 3,877.34            | 3,873.20            | 19.89           | 16.68       | 66.66                 | -631.91                           | 5,236.15   | 4,877.26             | 4,841.04              | 36.22                   | 134.648           |                    |         |
| 4,100.00                | 3,991.74            | 3,933.00            | 3,928.85            | 20.41           | 16.91       | 66.82                 | -632.73                           | 5,236.48   | 4,867.68             | 4,830.71              | 36.97                   | 131.663           |                    |         |
| 4,200.00                | 4,088.47            | 3,975.13            | 3,970.96            | 20.92           | 17.08       | 66.94                 | -633.67                           | 5,237.07   | 4,859.09             | 4,821.43              | 37.66                   | 129.024           |                    |         |
| 4,300.00                | 4,185.20            | 4,061.35            | 4,057.16            | 21.44           | 17.43       | 67.20                 | -635.56                           | 5,238.31   | 4,850.96             | 4,812.44              | 38.52                   | 125.921           |                    |         |
| 4,400.00                | 4,281.92            | 4,135.86            | 4,131.63            | 21.95           | 17.73       | 67.42                 | -637.05                           | 5,239.73   | 4,843.35             | 4,804.01              | 39.34                   | 123.110           |                    |         |
| 4,500.00                | 4,378.65            | 4,364.18            | 4,359.91            | 22.47           | 18.67       | 68.07                 | -639.09                           | 5,242.30   | 4,834.91             | 4,794.14              | 40.78                   | 118.565           |                    |         |
| 4,600.00                | 4,475.38            | 4,485.81            | 4,481.54            | 22.99           | 19.18       | 68.42                 | -639.48                           | 5,241.75   | 4,824.88             | 4,783.08              | 41.80                   | 115.441           |                    |         |
| 4,700.00                | 4,572.10            | 4,596.50            | 4,592.22            | 23.50           | 19.65       | 68.73                 | -639.53                           | 5,240.95   | 4,814.65             | 4,771.88              | 42.77                   | 112.563           |                    |         |
| 4,800.00                | 4,668.83            | 4,723.02            | 4,718.73            | 24.02           | 20.19       | 69.09                 | -639.01                           | 5,239.46   | 4,803.97             | 4,760.16              | 43.81                   | 109.646           |                    |         |
| 4,900.00                | 4,765.56            | 4,788.64            | 4,784.35            | 24.53           | 20.47       | 69.28                 | -638.84                           | 5,238.63   | 4,793.41             | 4,748.79              | 44.62                   | 107.429           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 169-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                | 4,862.28            | 4,860.84            | 4,856.55            | 25.05           | 20.77       | 69.49                 | -638.93                           | 5,238.22   | 4,783.66             | 4,738.21              | 45.45                   | 105.251           |                    |         |
| 5,100.00                | 4,959.01            | 4,954.88            | 4,950.58            | 25.57           | 21.17       | 69.76                 | -639.04                           | 5,237.86   | 4,774.22             | 4,727.86              | 46.37                   | 102.968           |                    |         |
| 5,200.00                | 5,055.74            | 5,049.65            | 5,045.36            | 26.09           | 21.57       | 70.04                 | -639.46                           | 5,237.43   | 4,764.95             | 4,717.66              | 47.28                   | 100.771           |                    |         |
| 5,300.00                | 5,152.46            | 5,162.76            | 5,158.46            | 26.60           | 22.05       | 70.37                 | -640.17                           | 5,236.75   | 4,755.74             | 4,707.46              | 48.28                   | 98.513            |                    |         |
| 5,400.00                | 5,249.19            | 5,255.47            | 5,251.16            | 27.12           | 22.44       | 70.66                 | -641.16                           | 5,235.79   | 4,746.38             | 4,697.19              | 49.19                   | 96.496            |                    |         |
| 5,500.00                | 5,345.92            | 5,351.45            | 5,347.13            | 27.64           | 22.85       | 70.96                 | -642.57                           | 5,234.78   | 4,737.27             | 4,687.16              | 50.11                   | 94.533            |                    |         |
| 5,600.00                | 5,442.65            | 5,478.34            | 5,474.00            | 28.16           | 23.38       | 71.33                 | -642.45                           | 5,233.65   | 4,727.92             | 4,676.77              | 51.16                   | 92.417            |                    |         |
| 5,700.00                | 5,539.37            | 5,568.23            | 5,563.88            | 28.68           | 23.77       | 71.60                 | -642.83                           | 5,232.41   | 4,718.44             | 4,666.37              | 52.06                   | 90.629            |                    |         |
| 5,800.00                | 5,636.10            | 5,627.00            | 5,622.63            | 29.20           | 24.02       | 71.79                 | -644.16                           | 5,231.41   | 4,709.49             | 4,656.64              | 52.85                   | 89.116            |                    |         |
| 5,900.00                | 5,732.83            | 5,693.37            | 5,688.97            | 29.71           | 24.29       | 72.01                 | -645.80                           | 5,230.73   | 4,701.35             | 4,647.70              | 53.66                   | 87.621            |                    |         |
| 6,000.00                | 5,829.55            | 5,784.16            | 5,779.75            | 30.23           | 24.68       | 72.30                 | -647.34                           | 5,230.80   | 4,694.01             | 4,639.45              | 54.56                   | 86.035            |                    |         |
| 6,100.00                | 5,926.28            | 5,883.06            | 5,878.63            | 30.75           | 25.09       | 72.61                 | -649.39                           | 5,230.54   | 4,686.66             | 4,631.16              | 55.50                   | 84.448            |                    |         |
| 6,200.00                | 6,023.01            | 5,974.17            | 5,969.72            | 31.27           | 25.47       | 72.89                 | -650.43                           | 5,230.70   | 4,679.51             | 4,623.10              | 56.40                   | 82.966            |                    |         |
| 6,300.00                | 6,119.73            | 6,100.69            | 6,096.24            | 31.79           | 26.01       | 73.27                 | -650.44                           | 5,231.03   | 4,672.12             | 4,614.67              | 57.45                   | 81.325            |                    |         |
| 6,397.75                | 6,214.28            | 6,188.54            | 6,184.08            | 32.30           | 26.38       | 73.55                 | -651.82                           | 5,230.61   | 4,664.97             | 4,606.64              | 58.34                   | 79.968            |                    |         |
| 6,400.00                | 6,216.46            | 6,191.33            | 6,186.87            | 32.31           | 26.39       | 74.14                 | -651.86                           | 5,230.60   | 4,664.81             | 4,606.45              | 58.36                   | 79.933            |                    |         |
| 6,450.00                | 6,265.12            | 6,253.89            | 6,249.43            | 32.56           | 26.65       | 90.33                 | -652.15                           | 5,230.48   | 4,663.07             | 4,604.20              | 58.87                   | 79.209            |                    |         |
| 6,450.25                | 6,265.37            | 6,254.20            | 6,249.74            | 32.56           | 26.66       | 90.34                 | -652.15                           | 5,230.48   | 4,663.07             | 4,604.20              | 58.87                   | 79.206 CC, ES     |                    |         |
| 6,500.00                | 6,314.12            | 6,253.00            | 6,248.54            | 32.78           | 26.65       | 111.86                | -652.15                           | 5,230.48   | 4,665.11             | 4,606.00              | 59.11                   | 78.921            |                    |         |
| 6,550.00                | 6,363.16            | 6,291.65            | 6,287.19            | 32.99           | 26.81       | 134.41                | -652.03                           | 5,230.74   | 4,670.83             | 4,611.35              | 59.48                   | 78.523            |                    |         |
| 6,600.00                | 6,411.94            | 6,310.69            | 6,306.23            | 33.18           | 26.89       | 152.36                | -651.98                           | 5,231.06   | 4,680.49             | 4,620.74              | 59.75                   | 78.329            |                    |         |
| 6,650.00                | 6,460.15            | 6,342.00            | 6,337.53            | 33.35           | 27.02       | 164.91                | -651.91                           | 5,231.86   | 4,693.95             | 4,633.90              | 60.05                   | 78.161 SF         |                    |         |
| 6,700.00                | 6,507.49            | 6,342.00            | 6,337.53            | 33.52           | 27.02       | 173.64                | -651.91                           | 5,231.86   | 4,710.99             | 4,650.78              | 60.21                   | 78.248            |                    |         |
| 6,750.00                | 6,553.69            | 6,342.00            | 6,337.53            | 33.69           | 27.02       | -179.93               | -651.91                           | 5,231.86   | 4,731.73             | 4,671.39              | 60.34                   | 78.421            |                    |         |
| 6,800.00                | 6,598.44            | 6,372.90            | 6,368.40            | 33.85           | 27.15       | -174.87               | -651.68                           | 5,233.16   | 4,755.65             | 4,695.06              | 60.59                   | 78.488            |                    |         |
| 6,850.00                | 6,641.47            | 6,385.20            | 6,380.68            | 34.02           | 27.20       | -170.56               | -651.50                           | 5,233.86   | 4,782.91             | 4,722.16              | 60.75                   | 78.733            |                    |         |
| 6,900.00                | 6,682.53            | 6,396.74            | 6,392.19            | 34.19           | 27.25       | -166.63               | -651.29                           | 5,234.61   | 4,813.19             | 4,752.30              | 60.89                   | 79.045            |                    |         |
| 6,950.00                | 6,721.35            | 6,431.00            | 6,426.33            | 34.38           | 27.39       | -162.91               | -650.39                           | 5,237.36   | 4,846.46             | 4,785.33              | 61.13                   | 79.281            |                    |         |
| 7,000.00                | 6,757.70            | 6,431.00            | 6,426.33            | 34.57           | 27.39       | -158.95               | -650.39                           | 5,237.36   | 4,881.97             | 4,820.76              | 61.20                   | 79.769            |                    |         |
| 7,050.00                | 6,791.35            | 6,431.00            | 6,426.33            | 34.79           | 27.39       | -154.65               | -650.39                           | 5,237.36   | 4,919.84             | 4,858.58              | 61.26                   | 80.306            |                    |         |
| 7,100.00                | 6,822.10            | 6,431.00            | 6,426.33            | 35.03           | 27.39       | -149.79               | -650.39                           | 5,237.36   | 4,959.80             | 4,898.48              | 61.32                   | 80.884            |                    |         |
| 7,150.00                | 6,849.75            | 6,431.00            | 6,426.33            | 35.30           | 27.39       | -144.16               | -650.39                           | 5,237.36   | 5,001.56             | 4,940.19              | 61.37                   | 81.497            |                    |         |
| 7,200.00                | 6,874.14            | 6,431.00            | 6,426.33            | 35.61           | 27.39       | -137.50               | -650.39                           | 5,237.36   | 5,044.81             | 4,983.39              | 61.42                   | 82.135            |                    |         |
| 7,250.00                | 6,895.11            | 6,431.00            | 6,426.33            | 35.95           | 27.39       | -129.60               | -650.39                           | 5,237.36   | 5,089.26             | 5,027.79              | 61.47                   | 82.792            |                    |         |
| 7,300.00                | 6,912.54            | 6,431.00            | 6,426.33            | 36.34           | 27.39       | -120.37               | -650.39                           | 5,237.36   | 5,134.60             | 5,073.08              | 61.52                   | 83.460            |                    |         |
| 7,350.00                | 6,926.31            | 6,431.00            | 6,426.33            | 36.77           | 27.39       | -109.95               | -650.39                           | 5,237.36   | 5,180.53             | 5,118.95              | 61.58                   | 84.131            |                    |         |
| 7,400.00                | 6,936.35            | 6,431.00            | 6,426.33            | 37.25           | 27.39       | -98.88                | -650.39                           | 5,237.36   | 5,226.76             | 5,165.12              | 61.64                   | 84.797            |                    |         |
| 7,450.00                | 6,942.59            | 6,431.00            | 6,426.33            | 37.76           | 27.39       | -87.95                | -650.39                           | 5,237.36   | 5,273.00             | 5,211.29              | 61.71                   | 85.452            |                    |         |
| 7,500.00                | 6,944.99            | 6,431.00            | 6,426.33            | 38.31           | 27.39       | -77.93                | -650.39                           | 5,237.36   | 5,318.97             | 5,257.18              | 61.78                   | 86.090            |                    |         |
| 7,512.10                | 6,945.00            | 6,431.00            | 6,426.33            | 38.44           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 5,330.02             | 5,268.22              | 61.80                   | 86.242            |                    |         |
| 7,600.00                | 6,944.19            | 6,431.00            | 6,426.33            | 39.51           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 5,410.30             | 5,348.34              | 61.96                   | 87.316            |                    |         |
| 7,700.00                | 6,943.28            | 6,431.00            | 6,426.33            | 40.90           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 5,501.92             | 5,439.75              | 62.16                   | 88.506            |                    |         |
| 7,800.00                | 6,942.37            | 6,431.00            | 6,426.33            | 42.44           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 5,593.82             | 5,531.44              | 62.39                   | 89.665            |                    |         |
| 7,900.00                | 6,941.46            | 6,431.00            | 6,426.33            | 44.11           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 5,686.00             | 5,623.38              | 62.62                   | 90.798            |                    |         |
| 8,000.00                | 6,940.55            | 6,431.00            | 6,426.33            | 45.90           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 5,778.44             | 5,715.56              | 62.87                   | 91.905            |                    |         |
| 8,100.00                | 6,939.64            | 6,431.00            | 6,426.33            | 47.80           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 5,871.12             | 5,807.99              | 63.14                   | 92.990            |                    |         |
| 8,200.00                | 6,938.72            | 6,431.00            | 6,426.33            | 49.79           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 5,964.05             | 5,900.64              | 63.41                   | 94.055            |                    |         |
| 8,300.00                | 6,937.81            | 6,431.00            | 6,426.33            | 51.86           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 6,057.19             | 5,993.50              | 63.69                   | 95.102            |                    |         |
| 8,400.00                | 6,936.90            | 6,431.00            | 6,426.33            | 54.01           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 6,150.56             | 6,086.58              | 63.98                   | 96.132            |                    |         |
| 8,500.00                | 6,935.99            | 6,431.00            | 6,426.33            | 56.21           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 6,244.13             | 6,179.85              | 64.27                   | 97.148            |                    |         |
| 8,600.00                | 6,935.08            | 6,431.00            | 6,426.33            | 58.47           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 6,337.89             | 6,273.32              | 64.57                   | 98.151            |                    |         |
| 8,700.00                | 6,934.17            | 6,431.00            | 6,426.33            | 60.78           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 6,431.84             | 6,366.97              | 64.88                   | 99.142            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 169-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                | 6,933.25            | 6,431.00            | 6,426.33            | 63.13           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 6,525.98             | 6,460.80              | 65.18                   | 100.122           |                    |         |
| 8,900.00                | 6,932.34            | 6,431.00            | 6,426.33            | 65.52           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 6,620.28             | 6,554.79              | 65.49                   | 101.094           |                    |         |
| 9,000.00                | 6,931.43            | 6,431.00            | 6,426.33            | 67.95           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 6,714.75             | 6,648.95              | 65.79                   | 102.057           |                    |         |
| 9,100.00                | 6,930.52            | 6,431.00            | 6,426.33            | 70.40           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 6,809.38             | 6,743.27              | 66.10                   | 103.012           |                    |         |
| 9,200.00                | 6,929.61            | 6,431.00            | 6,426.33            | 72.89           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 6,904.16             | 6,837.74              | 66.41                   | 103.961           |                    |         |
| 9,300.00                | 6,928.69            | 6,431.00            | 6,426.33            | 75.40           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 6,999.08             | 6,932.36              | 66.72                   | 104.905           |                    |         |
| 9,400.00                | 6,927.78            | 6,431.00            | 6,426.33            | 77.93           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 7,094.14             | 7,027.12              | 67.03                   | 105.843           |                    |         |
| 9,500.00                | 6,926.87            | 6,431.00            | 6,426.33            | 80.48           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 7,189.34             | 7,122.01              | 67.33                   | 106.777           |                    |         |
| 9,600.00                | 6,925.96            | 6,431.00            | 6,426.33            | 83.05           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 7,284.67             | 7,217.03              | 67.63                   | 107.707           |                    |         |
| 9,700.00                | 6,925.05            | 6,431.00            | 6,426.33            | 85.64           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 7,380.12             | 7,312.18              | 67.94                   | 108.633           |                    |         |
| 9,800.00                | 6,924.14            | 6,431.00            | 6,426.33            | 88.25           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 7,475.68             | 7,407.45              | 68.24                   | 109.556           |                    |         |
| 9,900.00                | 6,923.22            | 6,431.00            | 6,426.33            | 90.86           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 7,571.37             | 7,502.83              | 68.53                   | 110.476           |                    |         |
| 10,000.00               | 6,922.31            | 6,431.00            | 6,426.33            | 93.50           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 7,667.16             | 7,598.33              | 68.83                   | 111.394           |                    |         |
| 10,100.00               | 6,921.40            | 6,431.00            | 6,426.33            | 96.14           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 7,763.06             | 7,693.94              | 69.12                   | 112.310           |                    |         |
| 10,200.00               | 6,920.49            | 6,431.00            | 6,426.33            | 98.79           | 27.39       | -75.70                | -650.39                           | 5,237.36   | 7,859.06             | 7,789.65              | 69.41                   | 113.224           |                    |         |
| 10,300.00               | 6,919.58            | 6,431.00            | 6,426.33            | 101.45          | 27.39       | -75.70                | -650.39                           | 5,237.36   | 7,955.16             | 7,885.46              | 69.70                   | 114.136           |                    |         |
| 10,400.00               | 6,918.67            | 6,431.00            | 6,426.33            | 104.13          | 27.39       | -75.70                | -650.39                           | 5,237.36   | 8,051.36             | 7,981.37              | 69.98                   | 115.047           |                    |         |
| 10,500.00               | 6,917.75            | 6,395.17            | 6,390.62            | 106.81          | 27.24       | -74.81                | -651.32                           | 5,234.50   | 8,147.18             | 8,077.05              | 70.13                   | 116.167           |                    |         |
| 10,600.00               | 6,916.84            | 6,393.86            | 6,389.31            | 109.50          | 27.24       | -74.77                | -651.35                           | 5,234.41   | 8,243.52             | 8,173.12              | 70.41                   | 117.083           |                    |         |
| 10,700.00               | 6,915.93            | 6,392.58            | 6,388.04            | 112.19          | 27.23       | -74.74                | -651.37                           | 5,234.33   | 8,339.95             | 8,269.27              | 70.68                   | 117.997           |                    |         |
| 10,800.00               | 6,915.02            | 6,391.33            | 6,386.79            | 114.90          | 27.23       | -74.71                | -651.40                           | 5,234.24   | 8,436.46             | 8,365.51              | 70.95                   | 118.910           |                    |         |
| 10,900.00               | 6,914.11            | 6,390.11            | 6,385.58            | 117.61          | 27.22       | -74.68                | -651.42                           | 5,234.16   | 8,533.04             | 8,461.83              | 71.21                   | 119.822           |                    |         |
| 11,000.00               | 6,913.20            | 6,388.92            | 6,384.38            | 120.32          | 27.22       | -74.65                | -651.44                           | 5,234.09   | 8,629.71             | 8,558.23              | 71.48                   | 120.733           |                    |         |
| 11,100.00               | 6,912.28            | 6,387.75            | 6,383.22            | 123.04          | 27.21       | -74.62                | -651.46                           | 5,234.02   | 8,726.45             | 8,654.71              | 71.74                   | 121.643           |                    |         |
| 11,200.00               | 6,911.37            | 6,386.61            | 6,382.08            | 125.77          | 27.21       | -74.59                | -651.48                           | 5,233.94   | 8,823.26             | 8,751.26              | 72.00                   | 122.553           |                    |         |
| 11,300.00               | 6,910.46            | 6,385.49            | 6,380.97            | 128.50          | 27.20       | -74.56                | -651.50                           | 5,233.88   | 8,920.14             | 8,847.89              | 72.25                   | 123.462           |                    |         |
| 11,400.00               | 6,909.55            | 6,384.40            | 6,379.88            | 131.24          | 27.20       | -74.54                | -651.52                           | 5,233.81   | 9,017.08             | 8,944.58              | 72.50                   | 124.371           |                    |         |
| 11,500.00               | 6,908.64            | 6,383.33            | 6,378.81            | 133.98          | 27.19       | -74.51                | -651.53                           | 5,233.74   | 9,114.09             | 9,041.34              | 72.75                   | 125.279           |                    |         |
| 11,600.00               | 6,907.73            | 6,382.29            | 6,377.77            | 136.72          | 27.19       | -74.48                | -651.55                           | 5,233.68   | 9,211.17             | 9,138.17              | 73.00                   | 126.186           |                    |         |
| 11,700.00               | 6,906.81            | 6,381.26            | 6,376.74            | 139.47          | 27.19       | -74.46                | -651.57                           | 5,233.62   | 9,308.30             | 9,235.06              | 73.24                   | 127.093           |                    |         |
| 11,800.00               | 6,905.90            | 6,380.26            | 6,375.74            | 142.22          | 27.18       | -74.43                | -651.58                           | 5,233.56   | 9,405.50             | 9,332.02              | 73.48                   | 128.000           |                    |         |
| 11,900.00               | 6,904.99            | 6,379.27            | 6,374.76            | 144.97          | 27.18       | -74.41                | -651.60                           | 5,233.51   | 9,502.75             | 9,429.03              | 73.72                   | 128.906           |                    |         |
| 12,000.00               | 6,904.08            | 6,342.00            | 6,337.53            | 147.73          | 27.02       | -73.48                | -651.91                           | 5,231.86   | 9,600.54             | 9,526.71              | 73.82                   | 130.045           |                    |         |
| 12,100.00               | 6,903.17            | 6,342.00            | 6,337.53            | 150.49          | 27.02       | -73.48                | -651.91                           | 5,231.86   | 9,697.87             | 9,623.81              | 74.06                   | 130.944           |                    |         |
| 12,200.00               | 6,902.26            | 6,342.00            | 6,337.53            | 153.26          | 27.02       | -73.48                | -651.91                           | 5,231.86   | 9,795.27             | 9,720.97              | 74.30                   | 131.842           |                    |         |
| 12,300.00               | 6,901.34            | 6,342.00            | 6,337.53            | 156.02          | 27.02       | -73.48                | -651.91                           | 5,231.86   | 9,892.71             | 9,818.18              | 74.53                   | 132.741           |                    |         |
| 12,400.00               | 6,900.43            | 6,342.00            | 6,337.53            | 158.79          | 27.02       | -73.48                | -651.91                           | 5,231.86   | 9,990.20             | 9,915.45              | 74.76                   | 133.639           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 80-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 97.88                 | -724.76                           | 5,238.31   | 5,288.26             |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 89.70               | 89.70               | 3.28            | 3.29        | 97.89                 | -725.60                           | 5,238.09   | 5,288.12             | 5,281.55              | 6.57                    | 804.637           |                    |         |
| 200.00                 | 200.00              | 204.59              | 204.57              | 3.34            | 3.36        | 97.91                 | -727.68                           | 5,237.25   | 5,287.63             | 5,280.94              | 6.70                    | 789.584           |                    |         |
| 300.00                 | 300.00              | 290.24              | 290.20              | 3.44            | 3.46        | 97.93                 | -729.05                           | 5,236.75   | 5,287.27             | 5,280.37              | 6.91                    | 765.627           |                    |         |
| 400.00                 | 399.98              | 387.29              | 387.24              | 3.60            | 3.62        | 67.84                 | -730.50                           | 5,236.33   | 5,286.39             | 5,279.17              | 7.22                    | 731.919           |                    |         |
| 500.00                 | 499.84              | 531.63              | 531.55              | 3.81            | 3.93        | 67.98                 | -732.55                           | 5,235.46   | 5,284.12             | 5,276.38              | 7.74                    | 682.990           |                    |         |
| 550.00                 | 549.68              | 625.49              | 625.36              | 3.93            | 4.18        | 68.13                 | -735.46                           | 5,233.65   | 5,281.89             | 5,273.79              | 8.10                    | 652.186           |                    |         |
| 600.00                 | 599.45              | 674.56              | 674.36              | 4.06            | 4.32        | 65.96                 | -737.66                           | 5,232.36   | 5,279.03             | 5,270.67              | 8.36                    | 631.209           |                    |         |
| 700.00                 | 698.71              | 742.00              | 741.62              | 4.33            | 4.52        | 63.33                 | -742.15                           | 5,230.62   | 5,272.18             | 5,263.34              | 8.84                    | 596.329           |                    |         |
| 800.00                 | 797.49              | 792.60              | 792.04              | 4.64            | 4.69        | 61.85                 | -746.25                           | 5,229.58   | 5,264.12             | 5,254.81              | 9.31                    | 565.486           |                    |         |
| 900.00                 | 895.68              | 837.00              | 836.29              | 4.97            | 4.84        | 60.97                 | -749.98                           | 5,229.07   | 5,255.06             | 5,245.27              | 9.79                    | 536.775           |                    |         |
| 1,000.00               | 993.14              | 879.61              | 878.73              | 5.33            | 4.98        | 60.45                 | -753.75                           | 5,228.97   | 5,245.12             | 5,234.82              | 10.30                   | 509.367           |                    |         |
| 1,039.84               | 1,031.75            | 895.35              | 894.40              | 5.48            | 5.04        | 60.30                 | -755.21                           | 5,229.05   | 5,240.93             | 5,230.42              | 10.50                   | 498.962           |                    |         |
| 1,100.00               | 1,089.94            | 930.00              | 928.88              | 5.72            | 5.16        | 60.42                 | -758.58                           | 5,229.44   | 5,234.75             | 5,223.89              | 10.86                   | 482.054           |                    |         |
| 1,200.00               | 1,186.67            | 930.00              | 928.88              | 6.13            | 5.16        | 60.42                 | -758.58                           | 5,229.44   | 5,225.54             | 5,214.28              | 11.26                   | 463.975           |                    |         |
| 1,300.00               | 1,283.39            | 981.53              | 980.13              | 6.55            | 5.35        | 60.60                 | -763.77                           | 5,230.77   | 5,217.43             | 5,205.56              | 11.87                   | 439.620           |                    |         |
| 1,400.00               | 1,380.12            | 1,025.00            | 1,023.33            | 6.99            | 5.51        | 60.75                 | -768.22                           | 5,232.76   | 5,210.88             | 5,198.42              | 12.46                   | 418.213           |                    |         |
| 1,500.00               | 1,476.85            | 1,500.00            | 1,287.05            | 7.45            | 7.35        | 61.57                 | -786.00                           | 5,243.14   | 5,203.94             | 5,189.22              | 14.72                   | 353.576           |                    |         |
| 1,600.00               | 1,573.57            | 1,353.47            | 1,350.85            | 7.90            | 6.76        | 61.75                 | -788.83                           | 5,244.72   | 5,195.00             | 5,180.41              | 14.59                   | 356.095           |                    |         |
| 1,700.00               | 1,670.30            | 1,402.05            | 1,399.36            | 8.37            | 6.95        | 61.89                 | -790.98                           | 5,246.46   | 5,187.14             | 5,171.90              | 15.24                   | 340.455           |                    |         |
| 1,800.00               | 1,767.03            | 1,477.59            | 1,474.71            | 8.85            | 7.25        | 62.12                 | -795.31                           | 5,249.44   | 5,180.01             | 5,164.01              | 16.00                   | 323.765           |                    |         |
| 1,900.00               | 1,863.75            | 1,597.81            | 1,594.61            | 9.32            | 7.75        | 62.49                 | -802.73                           | 5,253.99   | 5,172.96             | 5,156.01              | 16.95                   | 305.100           |                    |         |
| 2,000.00               | 1,960.48            | 2,000.00            | 1,723.26            | 9.81            | 9.43        | 62.87                 | -809.89                           | 5,258.45   | 5,165.65             | 5,146.56              | 19.09                   | 270.583           |                    |         |
| 2,100.00               | 2,057.21            | 1,833.70            | 1,830.06            | 10.29           | 8.73        | 63.19                 | -814.79                           | 5,261.58   | 5,157.75             | 5,138.87              | 18.87                   | 273.311           |                    |         |
| 2,200.00               | 2,153.93            | 1,912.93            | 1,909.16            | 10.78           | 9.06        | 63.42                 | -818.49                           | 5,264.14   | 5,150.29             | 5,130.61              | 19.68                   | 261.684           |                    |         |
| 2,300.00               | 2,250.66            | 1,975.14            | 1,971.26            | 11.28           | 9.32        | 63.61                 | -821.65                           | 5,266.31   | 5,143.35             | 5,122.92              | 20.43                   | 251.799           |                    |         |
| 2,400.00               | 2,347.39            | 2,039.00            | 2,034.96            | 11.77           | 9.60        | 63.80                 | -825.06                           | 5,269.19   | 5,137.43             | 5,116.24              | 21.18                   | 242.540           |                    |         |
| 2,500.00               | 2,444.11            | 2,103.38            | 2,099.17            | 12.27           | 9.87        | 63.99                 | -828.35                           | 5,272.55   | 5,132.25             | 5,110.31              | 21.94                   | 233.923           |                    |         |
| 2,600.00               | 2,540.84            | 2,202.32            | 2,197.85            | 12.77           | 10.30       | 64.28                 | -833.16                           | 5,277.76   | 5,127.30             | 5,104.45              | 22.85                   | 224.418           |                    |         |
| 2,700.00               | 2,637.57            | 2,319.22            | 2,314.38            | 13.27           | 10.81       | 64.65                 | -840.77                           | 5,283.19   | 5,122.29             | 5,098.44              | 23.84                   | 214.827           |                    |         |
| 2,800.00               | 2,734.30            | 2,399.54            | 2,394.41            | 13.78           | 11.17       | 64.90                 | -846.56                           | 5,286.72   | 5,117.36             | 5,092.67              | 24.69                   | 207.263           |                    |         |
| 2,900.00               | 2,831.02            | 2,517.90            | 2,512.41            | 14.28           | 11.70       | 65.27                 | -854.05                           | 5,292.09   | 5,112.52             | 5,086.82              | 25.70                   | 198.924           |                    |         |
| 3,000.00               | 2,927.75            | 2,708.22            | 2,702.27            | 14.79           | 12.54       | 65.87                 | -865.19                           | 5,299.01   | 5,107.01             | 5,079.99              | 27.02                   | 188.984           |                    |         |
| 3,100.00               | 3,024.48            | 2,792.09            | 2,785.87            | 15.29           | 12.92       | 66.15                 | -871.55                           | 5,300.89   | 5,100.65             | 5,072.76              | 27.90                   | 182.831           |                    |         |
| 3,200.00               | 3,121.20            | 2,923.22            | 2,916.59            | 15.80           | 13.52       | 66.59                 | -881.58                           | 5,303.38   | 5,094.19             | 5,065.20              | 28.98                   | 175.771           |                    |         |
| 3,300.00               | 3,217.93            | 3,065.74            | 3,058.90            | 16.31           | 14.15       | 67.03                 | -888.83                           | 5,305.98   | 5,087.14             | 5,057.04              | 30.10                   | 168.993           |                    |         |
| 3,400.00               | 3,314.66            | 3,273.94            | 3,266.99            | 16.82           | 15.04       | 67.64                 | -894.58                           | 5,307.54   | 5,078.52             | 5,047.05              | 31.47                   | 161.364           |                    |         |
| 3,500.00               | 3,411.38            | 3,375.33            | 3,368.38            | 17.33           | 15.46       | 67.92                 | -895.23                           | 5,307.87   | 5,069.16             | 5,036.76              | 32.40                   | 156.453           |                    |         |
| 3,600.00               | 3,508.11            | 3,456.34            | 3,449.39            | 17.84           | 15.80       | 68.14                 | -895.74                           | 5,308.09   | 5,059.86             | 5,026.61              | 33.25                   | 152.182           |                    |         |
| 3,700.00               | 3,604.84            | 3,529.53            | 3,522.58            | 18.36           | 16.10       | 68.33                 | -896.04                           | 5,308.75   | 5,051.17             | 5,017.11              | 34.06                   | 148.281           |                    |         |
| 3,800.00               | 3,701.56            | 3,623.17            | 3,616.21            | 18.87           | 16.49       | 68.59                 | -896.44                           | 5,309.89   | 5,042.90             | 5,007.95              | 34.96                   | 144.256           |                    |         |
| 3,900.00               | 3,798.29            | 3,728.13            | 3,721.17            | 19.38           | 16.92       | 68.87                 | -896.53                           | 5,311.06   | 5,034.54             | 4,998.65              | 35.89                   | 140.269           |                    |         |
| 4,000.00               | 3,895.02            | 3,820.50            | 3,813.53            | 19.89           | 17.30       | 69.11                 | -896.47                           | 5,312.17   | 5,026.33             | 4,989.55              | 36.78                   | 136.665           |                    |         |
| 4,100.00               | 3,991.74            | 3,935.32            | 3,928.35            | 20.41           | 17.76       | 69.42                 | -896.48                           | 5,313.43   | 5,018.16             | 4,980.41              | 37.75                   | 132.926           |                    |         |
| 4,200.00               | 4,088.47            | 4,038.40            | 4,031.41            | 20.92           | 18.19       | 69.70                 | -896.57                           | 5,314.19   | 5,009.79             | 4,971.10              | 38.69                   | 129.500           |                    |         |
| 4,300.00               | 4,185.20            | 4,096.10            | 4,089.11            | 21.44           | 18.44       | 69.86                 | -897.23                           | 5,314.65   | 5,001.87             | 4,962.42              | 39.46                   | 126.774           |                    |         |
| 4,400.00               | 4,281.92            | 4,263.93            | 4,256.92            | 21.95           | 19.15       | 70.34                 | -899.01                           | 5,315.36   | 4,993.74             | 4,953.09              | 40.66                   | 122.820           |                    |         |
| 4,500.00               | 4,378.65            | 4,362.03            | 4,355.02            | 22.47           | 19.55       | 70.61                 | -899.14                           | 5,315.35   | 4,985.04             | 4,943.47              | 41.58                   | 119.902           |                    |         |
| 4,600.00               | 4,475.38            | 4,459.38            | 4,452.38            | 22.99           | 19.94       | 70.88                 | -899.15                           | 5,315.35   | 4,976.43             | 4,933.94              | 42.48                   | 117.145           |                    |         |
| 4,700.00               | 4,572.10            | 4,593.09            | 4,586.08            | 23.50           | 20.47       | 71.25                 | -898.98                           | 5,314.88   | 4,967.57             | 4,924.05              | 43.52                   | 114.157           |                    |         |
| 4,800.00               | 4,668.83            | 4,692.48            | 4,685.47            | 24.02           | 20.86       | 71.53                 | -898.78                           | 5,314.10   | 4,958.39             | 4,913.97              | 44.42                   | 111.620           |                    |         |
| 4,900.00               | 4,765.56            | 4,775.45            | 4,768.44            | 24.53           | 21.19       | 71.76                 | -898.59                           | 5,313.54   | 4,949.45             | 4,904.17              | 45.27                   | 109.327           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 80-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   | Warning            |         |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00               | 4,862.28            | 4,852.42            | 4,845.41            | 25.05           | 21.49       | 71.98                 | -898.34                           | 5,313.40   | 4,941.00             | 4,894.90              | 46.10                   | 107.181           |                    |         |
| 5,100.00               | 4,959.01            | 4,949.14            | 4,942.12            | 25.57           | 21.87       | 72.24                 | -897.69                           | 5,313.58   | 4,932.90             | 4,885.90              | 47.00                   | 104.961           |                    |         |
| 5,200.00               | 5,055.74            | 5,063.37            | 5,056.35            | 26.09           | 22.32       | 72.56                 | -896.96                           | 5,313.43   | 4,924.62             | 4,876.66              | 47.96                   | 102.684           |                    |         |
| 5,300.00               | 5,152.46            | 5,165.94            | 5,158.92            | 26.60           | 22.73       | 72.85                 | -896.76                           | 5,312.92   | 4,916.29             | 4,867.40              | 48.89                   | 100.567           |                    |         |
| 5,400.00               | 5,249.19            | 5,246.51            | 5,239.48            | 27.12           | 23.06       | 73.08                 | -896.88                           | 5,312.43   | 4,908.12             | 4,858.38              | 49.74                   | 98.668            |                    |         |
| 5,500.00               | 5,345.92            | 5,329.47            | 5,322.44            | 27.64           | 23.41       | 73.32                 | -897.43                           | 5,312.14   | 4,900.47             | 4,849.85              | 50.62                   | 96.811            |                    |         |
| 5,600.00               | 5,442.65            | 5,444.95            | 5,437.92            | 28.16           | 23.90       | 73.66                 | -898.51                           | 5,311.58   | 4,892.96             | 4,841.34              | 51.62                   | 94.786            |                    |         |
| 5,700.00               | 5,539.37            | 5,606.87            | 5,599.80            | 28.68           | 24.55       | 74.11                 | -895.86                           | 5,310.31   | 4,884.11             | 4,831.35              | 52.76                   | 92.570            |                    |         |
| 5,800.00               | 5,636.10            | 5,689.18            | 5,682.09            | 29.20           | 24.87       | 74.33                 | -894.06                           | 5,309.68   | 4,875.40             | 4,821.78              | 53.62                   | 90.931            |                    |         |
| 5,900.00               | 5,732.83            | 5,766.39            | 5,759.29            | 29.71           | 25.18       | 74.54                 | -893.05                           | 5,309.06   | 4,867.10             | 4,812.64              | 54.46                   | 89.376            |                    |         |
| 6,000.00               | 5,829.55            | 5,846.89            | 5,839.78            | 30.23           | 25.51       | 74.77                 | -892.67                           | 5,308.54   | 4,859.35             | 4,804.04              | 55.31                   | 87.852            |                    |         |
| 6,100.00               | 5,926.28            | 5,942.26            | 5,935.15            | 30.75           | 25.90       | 75.06                 | -892.98                           | 5,307.70   | 4,851.85             | 4,795.62              | 56.23                   | 86.283            |                    |         |
| 6,200.00               | 6,023.01            | 6,029.56            | 6,022.44            | 31.27           | 26.27       | 75.32                 | -893.59                           | 5,306.85   | 4,844.54             | 4,787.41              | 57.13                   | 84.802            |                    |         |
| 6,300.00               | 6,119.73            | 6,119.23            | 6,112.10            | 31.79           | 26.65       | 75.60                 | -894.60                           | 5,306.09   | 4,837.64             | 4,779.60              | 58.04                   | 83.357            |                    |         |
| 6,397.75               | 6,214.28            | 6,202.82            | 6,195.68            | 32.30           | 27.01       | 75.86                 | -895.82                           | 5,305.22   | 4,831.01             | 4,772.10              | 58.91                   | 82.011            |                    |         |
| 6,400.00               | 6,216.46            | 6,204.23            | 6,197.09            | 32.31           | 27.01       | 76.44                 | -895.83                           | 5,305.21   | 4,830.87             | 4,771.94              | 58.93                   | 81.983            |                    |         |
| 6,441.59               | 6,256.91            | 6,230.55            | 6,223.42            | 32.52           | 27.12       | 89.42                 | -896.02                           | 5,305.15   | 4,829.59             | 4,770.34              | 59.25                   | 81.511 CC         |                    |         |
| 6,450.00               | 6,265.12            | 6,235.91            | 6,228.77            | 32.56           | 27.15       | 92.56                 | -896.04                           | 5,305.15   | 4,829.64             | 4,770.32              | 59.32                   | 81.421 ES         |                    |         |
| 6,500.00               | 6,314.12            | 6,283.11            | 6,275.97            | 32.78           | 27.34       | 114.22                | -896.03                           | 5,305.37   | 4,832.09             | 4,772.34              | 59.75                   | 80.876            |                    |         |
| 6,550.00               | 6,363.16            | 6,550.00            | 6,335.17            | 32.99           | 28.46       | 136.83                | -896.08                           | 5,305.33   | 4,837.80             | 4,776.73              | 61.07                   | 79.217 SF         |                    |         |
| 6,600.00               | 6,411.94            | 6,377.07            | 6,369.93            | 33.18           | 27.74       | 154.82                | -896.12                           | 5,305.33   | 4,847.05             | 4,786.51              | 60.54                   | 80.068            |                    |         |
| 6,650.00               | 6,460.15            | 6,398.42            | 6,391.28            | 33.35           | 27.83       | 167.38                | -896.10                           | 5,305.50   | 4,859.96             | 4,799.15              | 60.80                   | 79.928            |                    |         |
| 6,700.00               | 6,507.49            | 6,438.00            | 6,430.85            | 33.52           | 27.99       | 176.15                | -895.97                           | 5,306.20   | 4,876.51             | 4,815.38              | 61.13                   | 79.777            |                    |         |
| 6,750.00               | 6,553.69            | 6,438.00            | 6,430.85            | 33.69           | 27.99       | -177.39               | -895.97                           | 5,306.20   | 4,896.34             | 4,835.06              | 61.28                   | 79.903            |                    |         |
| 6,800.00               | 6,598.44            | 6,438.00            | 6,430.85            | 33.85           | 27.99       | -172.27               | -895.97                           | 5,306.20   | 4,919.64             | 4,858.23              | 61.41                   | 80.107            |                    |         |
| 6,850.00               | 6,641.47            | 6,438.00            | 6,430.85            | 34.02           | 27.99       | -167.88               | -895.97                           | 5,306.20   | 4,946.23             | 4,884.70              | 61.53                   | 80.383            |                    |         |
| 6,900.00               | 6,682.53            | 6,438.00            | 6,430.85            | 34.19           | 27.99       | -163.85               | -895.97                           | 5,306.20   | 4,975.88             | 4,914.24              | 61.64                   | 80.726            |                    |         |
| 6,950.00               | 6,721.35            | 6,475.23            | 6,468.05            | 34.38           | 28.15       | -160.04               | -895.71                           | 5,307.67   | 5,007.74             | 4,945.84              | 61.90                   | 80.904            |                    |         |
| 7,000.00               | 6,757.70            | 6,482.78            | 6,475.58            | 34.57           | 28.18       | -156.04               | -895.64                           | 5,308.11   | 5,042.53             | 4,980.51              | 62.02                   | 81.307            |                    |         |
| 7,050.00               | 6,791.35            | 6,489.60            | 6,482.40            | 34.79           | 28.21       | -151.75               | -895.57                           | 5,308.54   | 5,079.61             | 5,017.48              | 62.13                   | 81.759            |                    |         |
| 7,100.00               | 6,822.10            | 6,527.00            | 6,519.66            | 35.03           | 28.36       | -147.24               | -895.08                           | 5,311.63   | 5,119.16             | 5,056.79              | 62.37                   | 82.074            |                    |         |
| 7,150.00               | 6,849.75            | 6,527.00            | 6,519.66            | 35.30           | 28.36       | -141.80               | -895.08                           | 5,311.63   | 5,159.90             | 5,097.45              | 62.44                   | 82.632            |                    |         |
| 7,200.00               | 6,874.14            | 6,527.00            | 6,519.66            | 35.61           | 28.36       | -135.48               | -895.08                           | 5,311.63   | 5,202.15             | 5,139.64              | 62.51                   | 83.216            |                    |         |
| 7,250.00               | 6,895.11            | 6,527.00            | 6,519.66            | 35.95           | 28.36       | -128.15               | -895.08                           | 5,311.63   | 5,245.63             | 5,183.05              | 62.58                   | 83.820            |                    |         |
| 7,300.00               | 6,912.54            | 6,527.00            | 6,519.66            | 36.34           | 28.36       | -119.76               | -895.08                           | 5,311.63   | 5,290.04             | 5,227.39              | 62.65                   | 84.435            |                    |         |
| 7,350.00               | 6,926.31            | 6,527.00            | 6,519.66            | 36.77           | 28.36       | -110.43               | -895.08                           | 5,311.63   | 5,335.08             | 5,272.36              | 62.72                   | 85.055            |                    |         |
| 7,400.00               | 6,936.35            | 6,527.00            | 6,519.66            | 37.25           | 28.36       | -100.54               | -895.08                           | 5,311.63   | 5,380.48             | 5,317.68              | 62.80                   | 85.673            |                    |         |
| 7,450.00               | 6,942.59            | 6,527.00            | 6,519.66            | 37.76           | 28.36       | -90.66                | -895.08                           | 5,311.63   | 5,425.94             | 5,363.05              | 62.89                   | 86.282            |                    |         |
| 7,500.00               | 6,944.99            | 6,527.00            | 6,519.66            | 38.31           | 28.36       | -81.40                | -895.08                           | 5,311.63   | 5,471.18             | 5,408.20              | 62.98                   | 86.876            |                    |         |
| 7,512.10               | 6,945.00            | 6,527.00            | 6,519.66            | 38.44           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 5,482.06             | 5,419.06              | 63.00                   | 87.018            |                    |         |
| 7,600.00               | 6,944.19            | 6,527.00            | 6,519.66            | 39.51           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 5,561.16             | 5,497.97              | 63.18                   | 88.017            |                    |         |
| 7,700.00               | 6,943.28            | 6,527.00            | 6,519.66            | 40.90           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 5,651.46             | 5,588.04              | 63.42                   | 89.117            |                    |         |
| 7,800.00               | 6,942.37            | 6,527.00            | 6,519.66            | 42.44           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 5,742.08             | 5,678.41              | 63.67                   | 90.182            |                    |         |
| 7,900.00               | 6,941.46            | 6,527.00            | 6,519.66            | 44.11           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 5,833.01             | 5,769.06              | 63.95                   | 91.216            |                    |         |
| 8,000.00               | 6,940.55            | 6,527.00            | 6,519.66            | 45.90           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 5,924.23             | 5,859.99              | 64.24                   | 92.222            |                    |         |
| 8,100.00               | 6,939.64            | 6,527.00            | 6,519.66            | 47.80           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 6,015.73             | 5,951.18              | 64.54                   | 93.203            |                    |         |
| 8,200.00               | 6,938.72            | 6,527.00            | 6,519.66            | 49.79           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 6,107.49             | 6,042.63              | 64.86                   | 94.161            |                    |         |
| 8,300.00               | 6,937.81            | 6,527.00            | 6,519.66            | 51.86           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 6,199.51             | 6,134.32              | 65.19                   | 95.099            |                    |         |
| 8,400.00               | 6,936.90            | 6,527.00            | 6,519.66            | 54.01           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 6,291.78             | 6,226.25              | 65.53                   | 96.019            |                    |         |
| 8,500.00               | 6,935.99            | 6,527.00            | 6,519.66            | 56.21           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 6,384.27             | 6,318.40              | 65.87                   | 96.924            |                    |         |
| 8,600.00               | 6,935.08            | 6,527.00            | 6,519.66            | 58.47           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 6,476.99             | 6,410.78              | 66.22                   | 97.814            |                    |         |
| 8,700.00               | 6,934.17            | 6,527.00            | 6,519.66            | 60.78           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 6,569.93             | 6,503.36              | 66.57                   | 98.693            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 80-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00               | 6,933.25            | 6,527.00            | 6,519.66            | 63.13           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 6,663.06             | 6,596.14              | 66.92                   | 99.560            |                    |         |
| 8,900.00               | 6,932.34            | 6,527.00            | 6,519.66            | 65.52           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 6,756.40             | 6,689.12              | 67.28                   | 100.419           |                    |         |
| 9,000.00               | 6,931.43            | 6,527.00            | 6,519.66            | 67.95           | 28.36       | -79.30                | -895.08                           | 5,311.63   | 6,849.92             | 6,782.28              | 67.64                   | 101.269           |                    |         |
| 9,100.00               | 6,930.52            | 6,490.15            | 6,482.94            | 70.40           | 28.21       | -78.45                | -895.56                           | 5,308.58   | 6,943.01             | 6,875.16              | 67.85                   | 102.327           |                    |         |
| 9,200.00               | 6,929.61            | 6,488.94            | 6,481.73            | 72.89           | 28.21       | -78.42                | -895.58                           | 5,308.50   | 7,036.85             | 6,968.64              | 68.21                   | 103.170           |                    |         |
| 9,300.00               | 6,928.69            | 6,487.76            | 6,480.56            | 75.40           | 28.20       | -78.39                | -895.59                           | 5,308.42   | 7,130.85             | 7,062.29              | 68.56                   | 104.007           |                    |         |
| 9,400.00               | 6,927.78            | 6,486.61            | 6,479.41            | 77.93           | 28.20       | -78.36                | -895.60                           | 5,308.35   | 7,225.01             | 7,156.09              | 68.91                   | 104.839           |                    |         |
| 9,500.00               | 6,926.87            | 6,485.50            | 6,478.30            | 80.48           | 28.19       | -78.34                | -895.61                           | 5,308.28   | 7,319.32             | 7,250.06              | 69.27                   | 105.668           |                    |         |
| 9,600.00               | 6,925.96            | 6,484.41            | 6,477.21            | 83.05           | 28.19       | -78.31                | -895.62                           | 5,308.21   | 7,413.79             | 7,344.17              | 69.62                   | 106.493           |                    |         |
| 9,700.00               | 6,925.05            | 6,483.34            | 6,476.15            | 85.64           | 28.18       | -78.29                | -895.63                           | 5,308.14   | 7,508.39             | 7,438.43              | 69.97                   | 107.315           |                    |         |
| 9,800.00               | 6,924.14            | 6,482.31            | 6,475.12            | 88.25           | 28.18       | -78.26                | -895.64                           | 5,308.08   | 7,603.14             | 7,532.82              | 70.31                   | 108.134           |                    |         |
| 9,900.00               | 6,923.22            | 6,481.30            | 6,474.11            | 90.86           | 28.17       | -78.24                | -895.65                           | 5,308.02   | 7,698.01             | 7,627.36              | 70.65                   | 108.952           |                    |         |
| 10,000.00              | 6,922.31            | 6,480.31            | 6,473.12            | 93.50           | 28.17       | -78.22                | -895.66                           | 5,307.96   | 7,793.01             | 7,722.02              | 71.00                   | 109.768           |                    |         |
| 10,100.00              | 6,921.40            | 6,479.34            | 6,472.16            | 96.14           | 28.16       | -78.20                | -895.67                           | 5,307.90   | 7,888.14             | 7,816.81              | 71.33                   | 110.583           |                    |         |
| 10,200.00              | 6,920.49            | 6,478.40            | 6,471.22            | 98.79           | 28.16       | -78.17                | -895.68                           | 5,307.85   | 7,983.38             | 7,911.72              | 71.67                   | 111.397           |                    |         |
| 10,300.00              | 6,919.58            | 6,477.48            | 6,470.30            | 101.45          | 28.16       | -78.15                | -895.69                           | 5,307.79   | 8,078.74             | 8,006.74              | 72.00                   | 112.210           |                    |         |
| 10,400.00              | 6,918.67            | 6,476.58            | 6,469.40            | 104.13          | 28.15       | -78.13                | -895.70                           | 5,307.74   | 8,174.21             | 8,101.88              | 72.32                   | 113.022           |                    |         |
| 10,500.00              | 6,917.75            | 6,475.70            | 6,468.52            | 106.81          | 28.15       | -78.11                | -895.71                           | 5,307.69   | 8,269.78             | 8,197.13              | 72.65                   | 113.834           |                    |         |
| 10,600.00              | 6,916.84            | 6,438.00            | 6,430.85            | 109.50          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 8,366.07             | 8,293.24              | 72.83                   | 114.874           |                    |         |
| 10,700.00              | 6,915.93            | 6,438.00            | 6,430.85            | 112.19          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 8,461.82             | 8,388.67              | 73.15                   | 115.680           |                    |         |
| 10,800.00              | 6,915.02            | 6,438.00            | 6,430.85            | 114.90          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 8,557.66             | 8,484.20              | 73.47                   | 116.486           |                    |         |
| 10,900.00              | 6,914.11            | 6,438.00            | 6,430.85            | 117.61          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 8,653.60             | 8,579.82              | 73.78                   | 117.292           |                    |         |
| 11,000.00              | 6,913.20            | 6,438.00            | 6,430.85            | 120.32          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 8,749.63             | 8,675.55              | 74.09                   | 118.099           |                    |         |
| 11,100.00              | 6,912.28            | 6,438.00            | 6,430.85            | 123.04          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 8,845.75             | 8,771.36              | 74.39                   | 118.906           |                    |         |
| 11,200.00              | 6,911.37            | 6,438.00            | 6,430.85            | 125.77          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 8,941.96             | 8,867.26              | 74.69                   | 119.713           |                    |         |
| 11,300.00              | 6,910.46            | 6,438.00            | 6,430.85            | 128.50          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 9,038.24             | 8,963.25              | 74.99                   | 120.522           |                    |         |
| 11,400.00              | 6,909.55            | 6,438.00            | 6,430.85            | 131.24          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 9,134.61             | 9,059.32              | 75.29                   | 121.330           |                    |         |
| 11,500.00              | 6,908.64            | 6,438.00            | 6,430.85            | 133.98          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 9,231.05             | 9,155.47              | 75.58                   | 122.139           |                    |         |
| 11,600.00              | 6,907.73            | 6,438.00            | 6,430.85            | 136.72          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 9,327.57             | 9,251.70              | 75.87                   | 122.949           |                    |         |
| 11,700.00              | 6,906.81            | 6,438.00            | 6,430.85            | 139.47          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 9,424.16             | 9,348.01              | 76.15                   | 123.760           |                    |         |
| 11,800.00              | 6,905.90            | 6,438.00            | 6,430.85            | 142.22          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 9,520.82             | 9,444.39              | 76.43                   | 124.571           |                    |         |
| 11,900.00              | 6,904.99            | 6,438.00            | 6,430.85            | 144.97          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 9,617.55             | 9,540.84              | 76.71                   | 125.382           |                    |         |
| 12,000.00              | 6,904.08            | 6,438.00            | 6,430.85            | 147.73          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 9,714.34             | 9,637.37              | 76.98                   | 126.194           |                    |         |
| 12,100.00              | 6,903.17            | 6,438.00            | 6,430.85            | 150.49          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 9,811.20             | 9,733.96              | 77.25                   | 127.007           |                    |         |
| 12,200.00              | 6,902.26            | 6,438.00            | 6,430.85            | 153.26          | 27.99       | -77.24                | -895.97                           | 5,306.20   | 9,908.13             | 9,830.61              | 77.52                   | 127.820           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 79-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 97.50                 | -694.52                           | 5,273.10   | 5,318.69             |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 87.24               | 87.24               | 3.28            | 3.29        | 97.50                 | -694.50                           | 5,273.02   | 5,318.57             | 5,312.00              | 6.57                    | 809.486           |                    |         |
| 200.00                 | 200.00              | 187.40              | 187.40              | 3.34            | 3.34        | 97.50                 | -694.30                           | 5,272.86   | 5,318.38             | 5,311.70              | 6.68                    | 796.169           |                    |         |
| 300.00                 | 300.00              | 287.67              | 287.67              | 3.44            | 3.45        | 97.50                 | -693.75                           | 5,272.71   | 5,318.17             | 5,311.27              | 6.90                    | 770.877           |                    |         |
| 400.00                 | 399.98              | 389.54              | 389.54              | 3.60            | 3.62        | 67.39                 | -693.44                           | 5,272.60   | 5,317.35             | 5,310.13              | 7.22                    | 736.452           |                    |         |
| 500.00                 | 499.84              | 506.21              | 506.21              | 3.81            | 3.86        | 67.49                 | -693.65                           | 5,272.00   | 5,314.83             | 5,307.17              | 7.66                    | 693.830           |                    |         |
| 550.00                 | 549.68              | 552.70              | 552.69              | 3.93            | 3.96        | 67.57                 | -693.83                           | 5,271.73   | 5,313.07             | 5,305.18              | 7.88                    | 673.944           |                    |         |
| 600.00                 | 599.45              | 588.89              | 588.88              | 4.06            | 4.05        | 65.35                 | -693.86                           | 5,271.59   | 5,310.96             | 5,302.86              | 8.10                    | 655.944           |                    |         |
| 700.00                 | 698.71              | 659.75              | 659.74              | 4.33            | 4.24        | 62.63                 | -693.22                           | 5,271.69   | 5,305.60             | 5,297.04              | 8.56                    | 620.150           |                    |         |
| 800.00                 | 797.49              | 724.45              | 724.43              | 4.64            | 4.42        | 61.09                 | -691.82                           | 5,272.29   | 5,298.81             | 5,289.77              | 9.04                    | 586.096           |                    |         |
| 900.00                 | 895.68              | 834.78              | 834.64              | 4.97            | 4.75        | 60.23                 | -687.32                           | 5,273.97   | 5,290.35             | 5,280.64              | 9.71                    | 545.098           |                    |         |
| 1,000.00               | 993.14              | 929.49              | 929.08              | 5.33            | 5.06        | 59.71                 | -680.42                           | 5,275.66   | 5,279.69             | 5,269.32              | 10.37                   | 508.978           |                    |         |
| 1,039.84               | 1,031.75            | 967.13              | 966.54              | 5.48            | 5.19        | 59.57                 | -676.82                           | 5,276.48   | 5,274.92             | 5,264.27              | 10.65                   | 495.138           |                    |         |
| 1,100.00               | 1,089.94            | 1,024.06            | 1,023.12            | 5.72            | 5.39        | 59.64                 | -670.67                           | 5,277.84   | 5,267.50             | 5,256.42              | 11.09                   | 475.175           |                    |         |
| 1,200.00               | 1,186.67            | 1,131.93            | 1,130.08            | 6.13            | 5.79        | 59.75                 | -657.05                           | 5,280.63   | 5,255.13             | 5,243.25              | 11.89                   | 442.094           |                    |         |
| 1,300.00               | 1,283.39            | 1,288.31            | 1,285.12            | 6.55            | 6.42        | 59.91                 | -636.97                           | 5,284.34   | 5,242.77             | 5,229.84              | 12.92                   | 405.677           |                    |         |
| 1,400.00               | 1,380.12            | 1,442.60            | 1,438.06            | 6.99            | 7.07        | 60.06                 | -616.65                           | 5,285.98   | 5,228.93             | 5,214.93              | 13.99                   | 373.652           |                    |         |
| 1,500.00               | 1,476.85            | 1,574.81            | 1,569.45            | 7.45            | 7.63        | 60.22                 | -601.96                           | 5,285.36   | 5,213.77             | 5,198.78              | 14.99                   | 347.808           |                    |         |
| 1,600.00               | 1,573.57            | 1,654.57            | 1,648.61            | 7.90            | 7.98        | 60.31                 | -592.22                           | 5,285.18   | 5,198.78             | 5,183.00              | 15.79                   | 329.295           |                    |         |
| 1,700.00               | 1,670.30            | 1,706.78            | 1,700.31            | 8.37            | 8.22        | 60.36                 | -584.93                           | 5,285.48   | 5,184.38             | 5,167.90              | 16.48                   | 314.579           |                    |         |
| 1,800.00               | 1,767.03            | 1,762.00            | 1,754.99            | 8.85            | 8.47        | 60.41                 | -577.29                           | 5,286.44   | 5,171.01             | 5,153.81              | 17.20                   | 300.707           |                    |         |
| 1,900.00               | 1,863.75            | 1,808.54            | 1,801.03            | 9.32            | 8.69        | 60.45                 | -570.66                           | 5,287.71   | 5,158.54             | 5,140.66              | 17.88                   | 288.447           |                    |         |
| 2,000.00               | 1,960.48            | 1,966.95            | 1,957.43            | 9.81            | 9.44        | 60.56                 | -545.90                           | 5,292.27   | 5,146.22             | 5,127.12              | 19.10                   | 269.431           |                    |         |
| 2,100.00               | 2,057.21            | 2,013.18            | 2,003.11            | 10.29           | 9.66        | 60.60                 | -538.93                           | 5,293.44   | 5,133.55             | 5,113.75              | 19.80                   | 259.233           |                    |         |
| 2,200.00               | 2,153.93            | 2,063.76            | 2,053.13            | 10.78           | 9.91        | 60.64                 | -531.63                           | 5,295.20   | 5,121.89             | 5,101.36              | 20.53                   | 249.495           |                    |         |
| 2,300.00               | 2,250.66            | 2,130.00            | 2,118.65            | 11.28           | 10.23       | 60.70                 | -522.29                           | 5,298.09   | 5,111.13             | 5,089.79              | 21.33                   | 239.602           |                    |         |
| 2,400.00               | 2,347.39            | 2,255.47            | 2,242.89            | 11.77           | 10.83       | 60.82                 | -505.45                           | 5,302.76   | 5,099.81             | 5,077.39              | 22.41                   | 227.524           |                    |         |
| 2,500.00               | 2,444.11            | 2,315.00            | 2,301.83            | 12.27           | 11.11       | 60.87                 | -497.57                           | 5,305.57   | 5,089.42             | 5,066.23              | 23.19                   | 219.454           |                    |         |
| 2,600.00               | 2,540.84            | 2,433.97            | 2,419.57            | 12.77           | 11.70       | 60.98                 | -481.31                           | 5,310.81   | 5,078.85             | 5,054.59              | 24.26                   | 209.368           |                    |         |
| 2,700.00               | 2,637.57            | 2,472.26            | 2,457.41            | 13.27           | 11.89       | 61.02                 | -475.80                           | 5,312.74   | 5,068.79             | 5,043.85              | 24.94                   | 203.202           |                    |         |
| 2,800.00               | 2,734.30            | 2,619.18            | 2,602.52            | 13.78           | 12.62       | 61.13                 | -454.36                           | 5,320.99   | 5,059.49             | 5,033.32              | 26.16                   | 193.374           |                    |         |
| 2,900.00               | 2,831.02            | 2,748.86            | 2,730.79            | 14.28           | 13.27       | 61.25                 | -436.12                           | 5,326.51   | 5,048.73             | 5,021.43              | 27.30                   | 184.942           |                    |         |
| 3,000.00               | 2,927.75            | 2,872.82            | 2,853.65            | 14.79           | 13.88       | 61.38                 | -420.29                           | 5,330.92   | 5,037.55             | 5,009.16              | 28.40                   | 177.405           |                    |         |
| 3,100.00               | 3,024.48            | 2,957.22            | 2,937.63            | 15.29           | 14.27       | 61.50                 | -412.37                           | 5,333.33   | 5,026.29             | 4,997.00              | 29.28                   | 171.635           |                    |         |
| 3,200.00               | 3,121.20            | 3,099.45            | 3,079.59            | 15.80           | 14.88       | 61.77                 | -404.08                           | 5,335.68   | 5,014.41             | 4,984.03              | 30.39                   | 165.028           |                    |         |
| 3,300.00               | 3,217.93            | 3,181.81            | 3,161.94            | 16.31           | 15.20       | 61.97                 | -403.17                           | 5,336.28   | 5,002.66             | 4,971.45              | 31.21                   | 160.283           |                    |         |
| 3,400.00               | 3,314.66            | 3,310.84            | 3,290.95            | 16.82           | 15.67       | 62.33                 | -405.23                           | 5,336.59   | 4,991.09             | 4,958.92              | 32.17                   | 155.144           |                    |         |
| 3,500.00               | 3,411.38            | 3,441.79            | 3,421.88            | 17.33           | 16.14       | 62.69                 | -407.46                           | 5,335.73   | 4,978.76             | 4,945.62              | 33.14                   | 150.250           |                    |         |
| 3,600.00               | 3,508.11            | 3,600.00            | 3,558.28            | 17.84           | 16.75       | 63.06                 | -407.60                           | 5,334.00   | 4,965.57             | 4,931.35              | 34.23                   | 145.077           |                    |         |
| 3,700.00               | 3,604.84            | 3,639.11            | 3,619.17            | 18.36           | 16.90       | 63.22                 | -407.45                           | 5,333.19   | 4,952.53             | 4,917.63              | 34.90                   | 141.909           |                    |         |
| 3,800.00               | 3,701.56            | 3,708.43            | 3,688.50            | 18.87           | 17.18       | 63.40                 | -407.13                           | 5,333.09   | 4,940.50             | 4,904.81              | 35.69                   | 138.433           |                    |         |
| 3,900.00               | 3,798.29            | 3,855.89            | 3,835.95            | 19.38           | 17.76       | 63.79                 | -406.55                           | 5,332.16   | 4,928.21             | 4,891.45              | 36.76                   | 134.057           |                    |         |
| 4,000.00               | 3,895.02            | 3,950.81            | 3,930.86            | 19.89           | 18.14       | 64.04                 | -406.30                           | 5,331.04   | 4,915.52             | 4,877.87              | 37.64                   | 130.580           |                    |         |
| 4,100.00               | 3,991.74            | 4,038.84            | 4,018.88            | 20.41           | 18.49       | 64.28                 | -406.01                           | 5,330.10   | 4,903.02             | 4,864.52              | 38.50                   | 127.336           |                    |         |
| 4,200.00               | 4,088.47            | 4,120.00            | 4,100.05            | 20.92           | 18.81       | 64.50                 | -406.13                           | 5,329.32   | 4,890.84             | 4,851.50              | 39.34                   | 124.329           |                    |         |
| 4,300.00               | 4,185.20            | 4,194.96            | 4,175.01            | 21.44           | 19.10       | 64.71                 | -406.60                           | 5,328.81   | 4,879.14             | 4,838.99              | 40.14                   | 121.539           |                    |         |
| 4,400.00               | 4,281.92            | 4,281.57            | 4,261.61            | 21.95           | 19.43       | 64.95                 | -407.10                           | 5,328.58   | 4,867.91             | 4,826.92              | 40.99                   | 118.750           |                    |         |
| 4,500.00               | 4,378.65            | 4,363.75            | 4,343.79            | 22.47           | 19.75       | 65.17                 | -407.23                           | 5,328.61   | 4,857.00             | 4,815.17              | 41.83                   | 116.116           |                    |         |
| 4,600.00               | 4,475.38            | 4,455.85            | 4,435.89            | 22.99           | 20.11       | 65.43                 | -407.36                           | 5,328.90   | 4,846.44             | 4,803.73              | 42.70                   | 113.493           |                    |         |
| 4,700.00               | 4,572.10            | 4,552.52            | 4,532.56            | 23.50           | 20.49       | 65.69                 | -407.47                           | 5,329.20   | 4,835.99             | 4,792.40              | 43.60                   | 110.927           |                    |         |
| 4,800.00               | 4,668.83            | 4,618.13            | 4,598.17            | 24.02           | 20.76       | 65.87                 | -407.29                           | 5,329.65   | 4,825.93             | 4,781.54              | 44.38                   | 108.734           |                    |         |
| 4,900.00               | 4,765.56            | 4,698.32            | 4,678.34            | 24.53           | 21.09       | 66.08                 | -406.23                           | 5,331.03   | 4,816.62             | 4,771.39              | 45.23                   | 106.488           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 79-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00               | 4,862.28            | 5,000.00            | 4,811.04            | 25.05           | 22.37       | 66.40                 | -402.69                           | 5,333.12   | 4,806.91             | 4,759.89              | 47.02                   | 102.232           |                    |         |
| 5,100.00               | 4,959.01            | 4,894.82            | 4,874.75            | 25.57           | 21.92       | 66.56                 | -401.28                           | 5,333.92   | 4,797.26             | 4,750.17              | 47.09                   | 101.881           |                    |         |
| 5,200.00               | 5,055.74            | 4,988.62            | 4,968.53            | 26.09           | 22.29       | 66.82                 | -401.95                           | 5,335.28   | 4,788.55             | 4,740.57              | 47.98                   | 99.807            |                    |         |
| 5,300.00               | 5,152.46            | 5,140.99            | 5,120.85            | 26.60           | 22.88       | 67.30                 | -405.85                           | 5,335.30   | 4,779.08             | 4,730.01              | 49.07                   | 97.397            |                    |         |
| 5,400.00               | 5,249.19            | 5,249.87            | 5,229.71            | 27.12           | 23.31       | 67.63                 | -407.97                           | 5,334.68   | 4,769.06             | 4,719.05              | 50.01                   | 95.370            |                    |         |
| 5,500.00               | 5,345.92            | 5,381.38            | 5,361.19            | 27.64           | 23.83       | 68.04                 | -410.40                           | 5,333.47   | 4,758.86             | 4,707.84              | 51.03                   | 93.264            |                    |         |
| 5,600.00               | 5,442.65            | 5,477.12            | 5,456.92            | 28.16           | 24.21       | 68.33                 | -411.55                           | 5,332.34   | 4,748.36             | 4,696.43              | 51.93                   | 91.444            |                    |         |
| 5,700.00               | 5,539.37            | 5,548.00            | 5,527.79            | 28.68           | 24.50       | 68.54                 | -412.36                           | 5,331.58   | 4,738.11             | 4,685.37              | 52.74                   | 89.839            |                    |         |
| 5,800.00               | 5,636.10            | 5,602.10            | 5,581.88            | 29.20           | 24.71       | 68.71                 | -413.26                           | 5,331.32   | 4,728.71             | 4,675.22              | 53.49                   | 88.404            |                    |         |
| 5,900.00               | 5,732.83            | 5,659.85            | 5,639.61            | 29.71           | 24.94       | 68.89                 | -414.73                           | 5,331.59   | 4,720.45             | 4,666.20              | 54.25                   | 87.015            |                    |         |
| 6,000.00               | 5,829.55            | 5,768.17            | 5,747.88            | 30.23           | 25.37       | 69.23                 | -417.84                           | 5,332.25   | 4,712.63             | 4,657.43              | 55.19                   | 85.382            |                    |         |
| 6,100.00               | 5,926.28            | 5,938.98            | 5,918.61            | 30.75           | 26.05       | 69.79                 | -422.86                           | 5,331.63   | 4,704.16             | 4,647.79              | 56.37                   | 83.451            |                    |         |
| 6,200.00               | 6,023.01            | 6,072.51            | 6,052.11            | 31.27           | 26.59       | 70.21                 | -424.97                           | 5,329.53   | 4,694.13             | 4,636.72              | 57.41                   | 81.760            |                    |         |
| 6,300.00               | 6,119.73            | 6,151.71            | 6,131.30            | 31.79           | 26.91       | 70.46                 | -425.98                           | 5,328.40   | 4,684.37             | 4,626.11              | 58.27                   | 80.396            |                    |         |
| 6,397.75               | 6,214.28            | 6,266.61            | 6,246.18            | 32.30           | 27.38       | 70.81                 | -426.98                           | 5,327.00   | 4,675.05             | 4,615.82              | 59.24                   | 78.922            |                    |         |
| 6,400.00               | 6,216.46            | 6,269.59            | 6,249.17            | 32.31           | 27.40       | 71.40                 | -427.02                           | 5,326.95   | 4,674.84             | 4,615.58              | 59.26                   | 78.887            |                    |         |
| 6,450.00               | 6,265.12            | 6,289.85            | 6,269.42            | 32.56           | 27.48       | 87.45                 | -427.29                           | 5,326.69   | 4,672.10             | 4,612.50              | 59.61                   | 78.381            |                    |         |
| 6,459.91               | 6,274.82            | 6,294.85            | 6,274.41            | 32.60           | 27.50       | 91.36                 | -427.35                           | 5,326.64   | 4,672.03             | 4,612.35              | 59.68                   | 78.290 CC, ES     |                    |         |
| 6,500.00               | 6,314.12            | 6,315.11            | 6,294.68            | 32.78           | 27.58       | 109.01                | -427.58                           | 5,326.50   | 4,673.29             | 4,613.33              | 59.95                   | 77.949            |                    |         |
| 6,550.00               | 6,363.16            | 6,351.00            | 6,330.56            | 32.99           | 27.73       | 131.51                | -427.90                           | 5,326.49   | 4,678.39             | 4,618.08              | 60.31                   | 77.566            |                    |         |
| 6,600.00               | 6,411.94            | 6,370.13            | 6,349.69            | 33.18           | 27.81       | 149.39                | -428.04                           | 5,326.59   | 4,687.30             | 4,626.71              | 60.59                   | 77.360            |                    |         |
| 6,650.00               | 6,460.15            | 6,402.70            | 6,382.27            | 33.35           | 27.94       | 161.87                | -428.24                           | 5,326.87   | 4,699.95             | 4,639.05              | 60.90                   | 77.178            |                    |         |
| 6,700.00               | 6,507.49            | 6,441.00            | 6,420.56            | 33.52           | 28.10       | 170.52                | -428.40                           | 5,327.36   | 4,716.23             | 4,655.02              | 61.21                   | 77.051 SF         |                    |         |
| 6,750.00               | 6,553.69            | 6,441.00            | 6,420.56            | 33.69           | 28.10       | 176.80                | -428.40                           | 5,327.36   | 4,736.09             | 4,674.73              | 61.35                   | 77.193            |                    |         |
| 6,800.00               | 6,598.44            | 6,441.00            | 6,420.56            | 33.85           | 28.10       | -178.28               | -428.40                           | 5,327.36   | 4,759.60             | 4,698.12              | 61.48                   | 77.418            |                    |         |
| 6,850.00               | 6,641.47            | 6,476.26            | 6,455.80            | 34.02           | 28.25       | -174.16               | -428.41                           | 5,328.29   | 4,786.10             | 4,724.36              | 61.74                   | 77.520            |                    |         |
| 6,900.00               | 6,682.53            | 6,487.62            | 6,467.16            | 34.19           | 28.29       | -170.45               | -428.36                           | 5,328.75   | 4,815.95             | 4,754.06              | 61.89                   | 77.819            |                    |         |
| 6,950.00               | 6,721.35            | 6,498.20            | 6,477.73            | 34.38           | 28.34       | -166.88               | -428.30                           | 5,329.26   | 4,848.72             | 4,786.70              | 62.02                   | 78.184            |                    |         |
| 7,000.00               | 6,757.70            | 6,530.00            | 6,509.46            | 34.57           | 28.47       | -163.33               | -428.00                           | 5,331.18   | 4,884.35             | 4,822.12              | 62.23                   | 78.486            |                    |         |
| 7,050.00               | 6,791.35            | 6,530.00            | 6,509.46            | 34.79           | 28.47       | -159.38               | -428.00                           | 5,331.18   | 4,922.11             | 4,859.82              | 62.30                   | 79.011            |                    |         |
| 7,100.00               | 6,822.10            | 6,530.00            | 6,509.46            | 35.03           | 28.47       | -154.93               | -428.00                           | 5,331.18   | 4,962.09             | 4,899.74              | 62.35                   | 79.582            |                    |         |
| 7,150.00               | 6,849.75            | 6,530.00            | 6,509.46            | 35.30           | 28.47       | -149.70               | -428.00                           | 5,331.18   | 5,003.99             | 4,941.59              | 62.40                   | 80.192            |                    |         |
| 7,200.00               | 6,874.14            | 6,530.00            | 6,509.46            | 35.61           | 28.47       | -143.41               | -428.00                           | 5,331.18   | 5,047.50             | 4,985.06              | 62.44                   | 80.832            |                    |         |
| 7,250.00               | 6,895.11            | 6,530.00            | 6,509.46            | 35.95           | 28.47       | -135.73               | -428.00                           | 5,331.18   | 5,092.33             | 5,029.84              | 62.49                   | 81.495            |                    |         |
| 7,300.00               | 6,912.54            | 6,530.00            | 6,509.46            | 36.34           | 28.47       | -126.40               | -428.00                           | 5,331.18   | 5,138.16             | 5,075.63              | 62.53                   | 82.173            |                    |         |
| 7,350.00               | 6,926.31            | 6,530.00            | 6,509.46            | 36.77           | 28.47       | -115.36               | -428.00                           | 5,331.18   | 5,184.68             | 5,122.11              | 62.57                   | 82.859            |                    |         |
| 7,400.00               | 6,936.35            | 6,530.00            | 6,509.46            | 37.25           | 28.47       | -103.10               | -428.00                           | 5,331.18   | 5,231.60             | 5,168.98              | 62.62                   | 83.546            |                    |         |
| 7,450.00               | 6,942.59            | 6,530.00            | 6,509.46            | 37.76           | 28.47       | -90.60                | -428.00                           | 5,331.18   | 5,278.62             | 5,215.95              | 62.67                   | 84.226            |                    |         |
| 7,500.00               | 6,944.99            | 6,530.00            | 6,509.46            | 38.31           | 28.47       | -79.03                | -428.00                           | 5,331.18   | 5,325.46             | 5,262.73              | 62.73                   | 84.893            |                    |         |
| 7,512.10               | 6,945.00            | 6,530.00            | 6,509.46            | 38.44           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 5,336.73             | 5,273.99              | 62.75                   | 85.052            |                    |         |
| 7,600.00               | 6,944.19            | 6,530.00            | 6,509.46            | 39.51           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 5,418.61             | 5,355.74              | 62.87                   | 86.185            |                    |         |
| 7,700.00               | 6,943.28            | 6,530.00            | 6,509.46            | 40.90           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 5,511.99             | 5,448.96              | 63.03                   | 87.449            |                    |         |
| 7,800.00               | 6,942.37            | 6,530.00            | 6,509.46            | 42.44           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 5,605.60             | 5,542.40              | 63.21                   | 88.688            |                    |         |
| 7,900.00               | 6,941.46            | 6,530.00            | 6,509.46            | 44.11           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 5,699.43             | 5,636.03              | 63.39                   | 89.904            |                    |         |
| 8,000.00               | 6,940.55            | 6,530.00            | 6,509.46            | 45.90           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 5,793.46             | 5,729.86              | 63.59                   | 91.100            |                    |         |
| 8,100.00               | 6,939.64            | 6,530.00            | 6,509.46            | 47.80           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 5,887.69             | 5,823.88              | 63.80                   | 92.277            |                    |         |
| 8,200.00               | 6,938.72            | 6,530.00            | 6,509.46            | 49.79           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 5,982.10             | 5,918.08              | 64.02                   | 93.436            |                    |         |
| 8,300.00               | 6,937.81            | 6,530.00            | 6,509.46            | 51.86           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 6,076.70             | 6,012.45              | 64.25                   | 94.580            |                    |         |
| 8,400.00               | 6,936.90            | 6,530.00            | 6,509.46            | 54.01           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 6,171.46             | 6,106.98              | 64.48                   | 95.709            |                    |         |
| 8,500.00               | 6,935.99            | 6,530.00            | 6,509.46            | 56.21           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 6,266.39             | 6,201.67              | 64.72                   | 96.825            |                    |         |
| 8,600.00               | 6,935.08            | 6,530.00            | 6,509.46            | 58.47           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 6,361.47             | 6,296.51              | 64.96                   | 97.929            |                    |         |
| 8,700.00               | 6,934.17            | 6,530.00            | 6,509.46            | 60.78           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 6,456.71             | 6,391.50              | 65.21                   | 99.022            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 79-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00               | 6,933.25            | 6,530.00            | 6,509.46            | 63.13           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 6,552.08             | 6,486.63              | 65.45                   | 100.104           |                    |         |
| 8,900.00               | 6,932.34            | 6,530.00            | 6,509.46            | 65.52           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 6,647.59             | 6,581.89              | 65.70                   | 101.178           |                    |         |
| 9,000.00               | 6,931.43            | 6,530.00            | 6,509.46            | 67.95           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 6,743.23             | 6,677.28              | 65.95                   | 102.243           |                    |         |
| 9,100.00               | 6,930.52            | 6,530.00            | 6,509.46            | 70.40           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 6,838.99             | 6,772.79              | 66.20                   | 103.301           |                    |         |
| 9,200.00               | 6,929.61            | 6,530.00            | 6,509.46            | 72.89           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 6,934.88             | 6,868.42              | 66.46                   | 104.351           |                    |         |
| 9,300.00               | 6,928.69            | 6,530.00            | 6,509.46            | 75.40           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 7,030.88             | 6,964.17              | 66.71                   | 105.396           |                    |         |
| 9,400.00               | 6,927.78            | 6,530.00            | 6,509.46            | 77.93           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 7,126.99             | 7,060.03              | 66.96                   | 106.434           |                    |         |
| 9,500.00               | 6,926.87            | 6,530.00            | 6,509.46            | 80.48           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 7,223.20             | 7,155.99              | 67.21                   | 107.467           |                    |         |
| 9,600.00               | 6,925.96            | 6,530.00            | 6,509.46            | 83.05           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 7,319.52             | 7,252.05              | 67.46                   | 108.495           |                    |         |
| 9,700.00               | 6,925.05            | 6,530.00            | 6,509.46            | 85.64           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 7,415.93             | 7,348.22              | 67.71                   | 109.519           |                    |         |
| 9,800.00               | 6,924.14            | 6,530.00            | 6,509.46            | 88.25           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 7,512.44             | 7,444.48              | 67.96                   | 110.539           |                    |         |
| 9,900.00               | 6,923.22            | 6,530.00            | 6,509.46            | 90.86           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 7,609.04             | 7,540.83              | 68.21                   | 111.555           |                    |         |
| 10,000.00              | 6,922.31            | 6,530.00            | 6,509.46            | 93.50           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 7,705.72             | 7,637.27              | 68.45                   | 112.567           |                    |         |
| 10,100.00              | 6,921.40            | 6,530.00            | 6,509.46            | 96.14           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 7,802.49             | 7,733.79              | 68.70                   | 113.576           |                    |         |
| 10,200.00              | 6,920.49            | 6,530.00            | 6,509.46            | 98.79           | 28.47       | -76.46                | -428.00                           | 5,331.18   | 7,899.34             | 7,830.40              | 68.94                   | 114.583           |                    |         |
| 10,300.00              | 6,919.58            | 6,530.00            | 6,509.46            | 101.45          | 28.47       | -76.46                | -428.00                           | 5,331.18   | 7,996.26             | 7,927.08              | 69.18                   | 115.586           |                    |         |
| 10,400.00              | 6,918.67            | 6,530.00            | 6,509.46            | 104.13          | 28.47       | -76.46                | -428.00                           | 5,331.18   | 8,093.26             | 8,023.85              | 69.42                   | 116.587           |                    |         |
| 10,500.00              | 6,917.75            | 6,530.00            | 6,509.46            | 106.81          | 28.47       | -76.46                | -428.00                           | 5,331.18   | 8,190.34             | 8,120.68              | 69.65                   | 117.585           |                    |         |
| 10,600.00              | 6,916.84            | 6,530.00            | 6,509.46            | 109.50          | 28.47       | -76.46                | -428.00                           | 5,331.18   | 8,287.48             | 8,217.59              | 69.89                   | 118.582           |                    |         |
| 10,700.00              | 6,915.93            | 6,530.00            | 6,509.46            | 112.19          | 28.47       | -76.46                | -428.00                           | 5,331.18   | 8,384.69             | 8,314.57              | 70.12                   | 119.576           |                    |         |
| 10,800.00              | 6,915.02            | 6,530.00            | 6,509.46            | 114.90          | 28.47       | -76.46                | -428.00                           | 5,331.18   | 8,481.96             | 8,411.61              | 70.35                   | 120.568           |                    |         |
| 10,900.00              | 6,914.11            | 6,530.00            | 6,509.46            | 117.61          | 28.47       | -76.46                | -428.00                           | 5,331.18   | 8,579.30             | 8,508.72              | 70.58                   | 121.558           |                    |         |
| 11,000.00              | 6,913.20            | 6,530.00            | 6,509.46            | 120.32          | 28.47       | -76.46                | -428.00                           | 5,331.18   | 8,676.70             | 8,605.90              | 70.80                   | 122.546           |                    |         |
| 11,100.00              | 6,912.28            | 6,530.00            | 6,509.46            | 123.04          | 28.47       | -76.46                | -428.00                           | 5,331.18   | 8,774.16             | 8,703.13              | 71.03                   | 123.533           |                    |         |
| 11,200.00              | 6,911.37            | 6,530.00            | 6,509.46            | 125.77          | 28.47       | -76.46                | -428.00                           | 5,331.18   | 8,871.67             | 8,800.42              | 71.25                   | 124.518           |                    |         |
| 11,300.00              | 6,910.46            | 6,493.46            | 6,472.99            | 128.50          | 28.32       | -75.43                | -428.33                           | 5,329.02   | 8,968.77             | 8,897.44              | 71.34                   | 125.721           |                    |         |
| 11,400.00              | 6,909.55            | 6,492.55            | 6,472.08            | 131.24          | 28.31       | -75.40                | -428.34                           | 5,328.98   | 9,066.37             | 8,994.82              | 71.55                   | 126.708           |                    |         |
| 11,500.00              | 6,908.64            | 6,491.66            | 6,471.19            | 133.98          | 28.31       | -75.38                | -428.34                           | 5,328.94   | 9,164.02             | 9,092.26              | 71.77                   | 127.694           |                    |         |
| 11,600.00              | 6,907.73            | 6,490.79            | 6,470.32            | 136.72          | 28.31       | -75.35                | -428.35                           | 5,328.90   | 9,261.72             | 9,189.74              | 71.98                   | 128.678           |                    |         |
| 11,700.00              | 6,906.81            | 6,489.93            | 6,469.46            | 139.47          | 28.30       | -75.33                | -428.35                           | 5,328.86   | 9,359.47             | 9,287.28              | 72.18                   | 129.661           |                    |         |
| 11,800.00              | 6,905.90            | 6,489.09            | 6,468.62            | 142.22          | 28.30       | -75.30                | -428.35                           | 5,328.82   | 9,457.26             | 9,384.87              | 72.39                   | 130.643           |                    |         |
| 11,900.00              | 6,904.99            | 6,488.26            | 6,467.80            | 144.97          | 28.30       | -75.28                | -428.36                           | 5,328.78   | 9,555.10             | 9,482.50              | 72.59                   | 131.623           |                    |         |
| 12,000.00              | 6,904.08            | 6,487.45            | 6,466.99            | 147.73          | 28.29       | -75.26                | -428.36                           | 5,328.75   | 9,652.98             | 9,580.18              | 72.80                   | 132.602           |                    |         |
| 12,100.00              | 6,903.17            | 6,486.66            | 6,466.19            | 150.49          | 28.29       | -75.24                | -428.37                           | 5,328.71   | 9,750.91             | 9,677.91              | 73.00                   | 133.579           |                    |         |
| 12,200.00              | 6,902.26            | 6,485.88            | 6,465.41            | 153.26          | 28.29       | -75.21                | -428.37                           | 5,328.68   | 9,848.87             | 9,775.68              | 73.20                   | 134.555           |                    |         |
| 12,300.00              | 6,901.34            | 6,485.11            | 6,464.65            | 156.02          | 28.28       | -75.19                | -428.37                           | 5,328.64   | 9,946.88             | 9,873.49              | 73.39                   | 135.530           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 174-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                    | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 97.65                 | -702.54                           | 5,233.85   | 5,280.84             |                       |                         |                   |                    |         |
| 100.00                  | 100.00              | 129.86              | 129.86              | 3.28            | 3.29        | 97.65                 | -702.85                           | 5,233.15   | 5,280.40             | 5,273.83              | 6.58                    | 802.790           |                    |         |
| 200.00                  | 200.00              | 228.94              | 228.92              | 3.34            | 3.34        | 97.65                 | -703.17                           | 5,231.94   | 5,279.24             | 5,272.56              | 6.68                    | 790.843           |                    |         |
| 300.00                  | 300.00              | 297.82              | 297.80              | 3.44            | 3.41        | 97.65                 | -702.48                           | 5,231.53   | 5,278.52             | 5,271.67              | 6.85                    | 770.560           |                    |         |
| 400.00                  | 399.98              | 364.00              | 363.96              | 3.60            | 3.49        | 67.52                 | -700.84                           | 5,231.74   | 5,277.82             | 5,270.72              | 7.09                    | 743.919           |                    |         |
| 500.00                  | 499.84              | 437.61              | 437.50              | 3.81            | 3.62        | 67.55                 | -697.62                           | 5,232.58   | 5,276.35             | 5,268.94              | 7.42                    | 711.276           |                    |         |
| 550.00                  | 549.68              | 477.82              | 477.63              | 3.93            | 3.69        | 67.57                 | -695.16                           | 5,233.25   | 5,275.28             | 5,267.66              | 7.61                    | 693.095           |                    |         |
| 600.00                  | 599.45              | 519.29              | 518.99              | 4.06            | 3.78        | 65.31                 | -692.35                           | 5,234.05   | 5,273.86             | 5,266.03              | 7.82                    | 674.090           |                    |         |
| 700.00                  | 698.71              | 627.01              | 626.37              | 4.33            | 4.04        | 62.54                 | -684.14                           | 5,236.36   | 5,269.57             | 5,261.21              | 8.36                    | 630.373           |                    |         |
| 800.00                  | 797.49              | 713.82              | 712.85              | 4.64            | 4.28        | 60.97                 | -676.88                           | 5,238.20   | 5,263.13             | 5,254.22              | 8.91                    | 590.802           |                    |         |
| 900.00                  | 895.68              | 809.43              | 808.02              | 4.97            | 4.58        | 60.02                 | -667.97                           | 5,240.63   | 5,254.92             | 5,245.38              | 9.54                    | 550.867           |                    |         |
| 1,000.00                | 993.14              | 932.58              | 930.38              | 5.33            | 5.01        | 59.48                 | -654.45                           | 5,243.78   | 5,244.48             | 5,234.16              | 10.32                   | 508.019           |                    |         |
| 1,039.84                | 1,031.75            | 973.58              | 971.08              | 5.48            | 5.16        | 59.34                 | -649.53                           | 5,244.78   | 5,239.66             | 5,229.04              | 10.63                   | 493.097           |                    |         |
| 1,100.00                | 1,089.94            | 1,043.86            | 1,040.84            | 5.72            | 5.43        | 59.42                 | -641.18                           | 5,246.40   | 5,232.09             | 5,220.97              | 11.12                   | 470.312           |                    |         |
| 1,200.00                | 1,186.67            | 1,200.00            | 1,181.88            | 6.13            | 6.06        | 59.56                 | -623.32                           | 5,248.86   | 5,218.80             | 5,206.65              | 12.15                   | 429.513           |                    |         |
| 1,300.00                | 1,283.39            | 1,267.30            | 1,262.45            | 6.55            | 6.34        | 59.65                 | -612.87                           | 5,250.07   | 5,205.33             | 5,192.48              | 12.85                   | 405.150           |                    |         |
| 1,400.00                | 1,380.12            | 1,400.00            | 1,538.06            | 6.99            | 6.92        | 59.94                 | -577.71                           | 5,251.60   | 5,191.87             | 5,178.03              | 13.84                   | 375.225           |                    |         |
| 1,500.00                | 1,476.85            | 1,717.29            | 1,709.12            | 7.45            | 8.30        | 60.17                 | -559.67                           | 5,246.27   | 5,174.02             | 5,158.38              | 15.64                   | 330.830           |                    |         |
| 1,600.00                | 1,573.57            | 1,761.00            | 1,752.58            | 7.90            | 8.49        | 60.24                 | -555.27                           | 5,244.72   | 5,156.38             | 5,140.10              | 16.28                   | 316.742           |                    |         |
| 1,700.00                | 1,670.30            | 1,811.82            | 1,803.13            | 8.37            | 8.71        | 60.31                 | -550.24                           | 5,243.41   | 5,139.68             | 5,122.72              | 16.96                   | 303.068           |                    |         |
| 1,800.00                | 1,767.03            | 1,853.00            | 1,844.13            | 8.85            | 8.89        | 60.37                 | -546.40                           | 5,243.06   | 5,124.38             | 5,106.78              | 17.61                   | 291.068           |                    |         |
| 1,900.00                | 1,863.75            | 1,911.80            | 1,902.65            | 9.32            | 9.16        | 60.45                 | -540.62                           | 5,243.16   | 5,110.08             | 5,091.74              | 18.34                   | 278.664           |                    |         |
| 2,000.00                | 1,960.48            | 2,000.00            | 2,107.83            | 9.81            | 9.56        | 60.72                 | -518.09                           | 5,242.32   | 5,095.36             | 5,076.18              | 19.18                   | 265.595           |                    |         |
| 2,100.00                | 2,057.21            | 2,187.21            | 2,176.33            | 10.29           | 10.42       | 60.81                 | -510.14                           | 5,240.90   | 5,079.01             | 5,058.49              | 20.52                   | 247.535           |                    |         |
| 2,200.00                | 2,153.93            | 2,222.00            | 2,210.88            | 10.78           | 10.58       | 60.86                 | -506.04                           | 5,240.81   | 5,064.12             | 5,042.95              | 21.17                   | 239.231           |                    |         |
| 2,300.00                | 2,250.66            | 2,403.13            | 2,390.92            | 11.28           | 11.42       | 61.10                 | -486.27                           | 5,239.52   | 5,048.94             | 5,026.48              | 22.46                   | 224.762           |                    |         |
| 2,400.00                | 2,347.39            | 2,492.21            | 2,479.42            | 11.77           | 11.84       | 61.22                 | -476.29                           | 5,238.31   | 5,033.17             | 5,009.81              | 23.36                   | 215.457           |                    |         |
| 2,500.00                | 2,444.11            | 2,548.92            | 2,535.80            | 12.27           | 12.10       | 61.29                 | -470.15                           | 5,237.78   | 5,017.91             | 4,993.79              | 24.12                   | 208.042           |                    |         |
| 2,600.00                | 2,540.84            | 2,628.37            | 2,614.72            | 12.77           | 12.48       | 61.39                 | -460.96                           | 5,237.83   | 5,003.46             | 4,978.48              | 24.98                   | 200.263           |                    |         |
| 2,700.00                | 2,637.57            | 2,722.09            | 2,757.40            | 13.27           | 13.17       | 61.57                 | -443.76                           | 5,237.27   | 4,988.56             | 4,962.42              | 26.14                   | 190.823           |                    |         |
| 2,800.00                | 2,734.30            | 2,899.78            | 2,884.22            | 13.78           | 13.77       | 61.74                 | -428.97                           | 5,235.70   | 4,972.94             | 4,945.71              | 27.22                   | 182.665           |                    |         |
| 2,900.00                | 2,831.02            | 2,990.19            | 2,974.09            | 14.28           | 14.20       | 61.87                 | -419.24                           | 5,234.17   | 4,957.06             | 4,928.91              | 28.14                   | 176.137           |                    |         |
| 3,000.00                | 2,927.75            | 3,060.65            | 3,044.07            | 14.79           | 14.54       | 61.96                 | -411.00                           | 5,233.48   | 4,941.70             | 4,912.72              | 28.98                   | 170.528           |                    |         |
| 3,100.00                | 3,024.48            | 3,137.00            | 3,119.92            | 15.29           | 14.90       | 62.07                 | -402.32                           | 5,232.86   | 4,926.65             | 4,896.81              | 29.84                   | 165.085           |                    |         |
| 3,200.00                | 3,121.20            | 3,194.02            | 3,176.58            | 15.80           | 15.18       | 62.14                 | -395.97                           | 5,232.75   | 4,912.31             | 4,881.69              | 30.62                   | 160.409           |                    |         |
| 3,300.00                | 3,217.93            | 3,265.11            | 3,247.18            | 16.31           | 15.52       | 62.24                 | -387.68                           | 5,233.51   | 4,898.97             | 4,867.51              | 31.47                   | 155.683           |                    |         |
| 3,400.00                | 3,314.66            | 3,378.79            | 3,360.24            | 16.82           | 16.06       | 62.40                 | -375.83                           | 5,234.30   | 4,885.58             | 4,853.08              | 32.50                   | 150.343           |                    |         |
| 3,500.00                | 3,411.38            | 3,455.34            | 3,436.43            | 17.33           | 16.41       | 62.52                 | -368.48                           | 5,234.71   | 4,872.24             | 4,838.89              | 33.36                   | 146.053           |                    |         |
| 3,600.00                | 3,508.11            | 3,566.61            | 3,547.09            | 17.84           | 16.94       | 62.68                 | -356.88                           | 5,235.96   | 4,859.37             | 4,824.99              | 34.38                   | 141.342           |                    |         |
| 3,700.00                | 3,604.84            | 3,673.00            | 3,652.89            | 18.36           | 17.44       | 62.84                 | -345.72                           | 5,236.39   | 4,845.76             | 4,810.38              | 35.38                   | 136.964           |                    |         |
| 3,800.00                | 3,701.56            | 3,724.98            | 3,704.60            | 18.87           | 17.69       | 62.92                 | -340.49                           | 5,236.78   | 4,832.74             | 4,796.60              | 36.14                   | 133.710           |                    |         |
| 3,900.00                | 3,798.29            | 3,775.00            | 3,754.29            | 19.38           | 17.93       | 62.98                 | -334.82                           | 5,237.98   | 4,820.91             | 4,784.01              | 36.90                   | 130.652           |                    |         |
| 4,000.00                | 3,895.02            | 3,898.85            | 3,877.17            | 19.89           | 18.54       | 63.14                 | -319.81                           | 5,241.42   | 4,809.40             | 4,771.40              | 38.00                   | 126.562           |                    |         |
| 4,100.00                | 3,991.74            | 4,035.81            | 4,013.01            | 20.41           | 19.21       | 63.30                 | -302.53                           | 5,244.22   | 4,797.06             | 4,757.90              | 39.17                   | 122.482           |                    |         |
| 4,200.00                | 4,088.47            | 4,140.82            | 4,117.41            | 20.92           | 19.71       | 63.46                 | -291.34                           | 5,245.58   | 4,784.45             | 4,744.28              | 40.17                   | 119.110           |                    |         |
| 4,300.00                | 4,185.20            | 4,249.57            | 4,225.61            | 21.44           | 20.23       | 63.63                 | -280.50                           | 5,246.35   | 4,771.41             | 4,730.23              | 41.18                   | 115.866           |                    |         |
| 4,400.00                | 4,281.92            | 4,319.27            | 4,294.95            | 21.95           | 20.56       | 63.73                 | -273.36                           | 5,247.11   | 4,758.76             | 4,716.73              | 42.03                   | 113.227           |                    |         |
| 4,500.00                | 4,378.65            | 4,386.00            | 4,361.27            | 22.47           | 20.88       | 63.83                 | -266.13                           | 5,248.46   | 4,746.87             | 4,704.01              | 42.87                   | 110.738           |                    |         |
| 4,600.00                | 4,475.38            | 4,516.97            | 4,491.61            | 22.99           | 21.49       | 64.04                 | -253.55                           | 5,250.64   | 4,734.96             | 4,690.99              | 43.97                   | 107.677           |                    |         |
| 4,700.00                | 4,572.10            | 4,676.16            | 4,650.29            | 23.50           | 22.22       | 64.34                 | -240.94                           | 5,251.05   | 4,722.10             | 4,676.93              | 45.18                   | 104.527           |                    |         |
| 4,800.00                | 4,668.83            | 4,743.00            | 4,716.94            | 24.02           | 22.52       | 64.46                 | -235.89                           | 5,250.84   | 4,708.87             | 4,662.87              | 46.00                   | 102.362           |                    |         |
| 4,900.00                | 4,765.56            | 4,813.66            | 4,787.37            | 24.53           | 22.85       | 64.60                 | -230.27                           | 5,251.14   | 4,696.30             | 4,649.45              | 46.85                   | 100.247           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 174-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                | 4,862.28            | 4,922.28            | 4,895.50            | 25.05           | 23.36       | 64.78                 | -220.08                           | 5,252.47   | 4,684.20             | 4,636.34              | 47.86                   | 97.877            |                    |         |
| 5,100.00                | 4,959.01            | 5,019.86            | 4,992.69            | 25.57           | 23.81       | 64.95                 | -211.33                           | 5,253.35   | 4,671.90             | 4,623.08              | 48.82                   | 95.698            |                    |         |
| 5,200.00                | 5,055.74            | 5,231.10            | 5,203.67            | 26.09           | 24.70       | 65.47                 | -203.17                           | 5,250.22   | 4,658.67             | 4,608.53              | 50.14                   | 92.912            |                    |         |
| 5,300.00                | 5,152.46            | 5,303.48            | 5,276.01            | 26.60           | 24.98       | 65.67                 | -202.56                           | 5,247.83   | 4,644.41             | 4,593.46              | 50.95                   | 91.160            |                    |         |
| 5,400.00                | 5,249.19            | 5,381.69            | 5,354.19            | 27.12           | 25.28       | 65.90                 | -202.32                           | 5,245.54   | 4,630.73             | 4,578.96              | 51.77                   | 89.447            |                    |         |
| 5,500.00                | 5,345.92            | 5,474.47            | 5,446.93            | 27.64           | 25.63       | 66.18                 | -202.08                           | 5,242.88   | 4,617.24             | 4,564.60              | 52.64                   | 87.714            |                    |         |
| 5,600.00                | 5,442.65            | 5,531.87            | 5,504.31            | 28.16           | 25.85       | 66.35                 | -202.15                           | 5,241.52   | 4,604.43             | 4,551.04              | 53.39                   | 86.234            |                    |         |
| 5,700.00                | 5,539.37            | 5,610.09            | 5,582.51            | 28.68           | 26.15       | 66.59                 | -202.55                           | 5,240.14   | 4,592.40             | 4,538.18              | 54.21                   | 84.708            |                    |         |
| 5,800.00                | 5,636.10            | 5,702.27            | 5,674.68            | 29.20           | 26.50       | 66.87                 | -202.93                           | 5,238.73   | 4,580.68             | 4,525.60              | 55.08                   | 83.164            |                    |         |
| 5,900.00                | 5,732.83            | 5,827.30            | 5,799.69            | 29.71           | 26.97       | 67.25                 | -203.44                           | 5,236.52   | 4,568.89             | 4,512.84              | 56.06                   | 81.506            |                    |         |
| 6,000.00                | 5,829.55            | 5,920.27            | 5,892.63            | 30.23           | 27.32       | 67.54                 | -204.25                           | 5,234.42   | 4,556.88             | 4,499.96              | 56.93                   | 80.050            |                    |         |
| 6,100.00                | 5,926.28            | 5,992.00            | 5,964.34            | 30.75           | 27.59       | 67.77                 | -205.35                           | 5,232.83   | 4,545.24             | 4,487.52              | 57.72                   | 78.741            |                    |         |
| 6,200.00                | 6,023.01            | 6,046.09            | 6,018.43            | 31.27           | 27.80       | 67.94                 | -205.93                           | 5,232.12   | 4,534.46             | 4,475.99              | 58.47                   | 77.552            |                    |         |
| 6,300.00                | 6,119.73            | 6,082.00            | 6,054.33            | 31.79           | 27.94       | 68.05                 | -205.87                           | 5,232.12   | 4,524.84             | 4,465.69              | 59.15                   | 76.503            |                    |         |
| 6,397.75                | 6,214.28            | 6,132.47            | 6,104.80            | 32.30           | 28.14       | 68.20                 | -205.72                           | 5,232.76   | 4,516.60             | 4,456.74              | 59.86                   | 75.455            |                    |         |
| 6,400.00                | 6,216.46            | 6,133.37            | 6,105.70            | 32.31           | 28.14       | 68.78                 | -205.72                           | 5,232.78   | 4,516.43             | 4,456.56              | 59.87                   | 75.433            |                    |         |
| 6,437.68                | 6,253.09            | 6,148.50            | 6,120.82            | 32.50           | 28.20       | 80.34                 | -205.75                           | 5,233.11   | 4,514.80             | 4,454.68              | 60.12                   | 75.093 CC         |                    |         |
| 6,450.00                | 6,265.12            | 6,171.00            | 6,143.31            | 32.56           | 28.29       | 84.92                 | -205.87                           | 5,233.73   | 4,514.85             | 4,454.58              | 60.27                   | 74.907 ES         |                    |         |
| 6,500.00                | 6,314.12            | 6,183.09            | 6,155.40            | 32.78           | 28.34       | 106.46                | -205.95                           | 5,234.09   | 4,517.14             | 4,456.58              | 60.55                   | 74.600            |                    |         |
| 6,550.00                | 6,363.16            | 6,275.42            | 6,247.70            | 32.99           | 28.69       | 129.09                | -206.26                           | 5,236.44   | 4,523.04             | 4,461.92              | 61.12                   | 74.006 SF         |                    |         |
| 6,600.00                | 6,411.94            | 6,260.00            | 6,232.28            | 33.18           | 28.63       | 146.91                | -206.24                           | 5,236.10   | 4,532.81             | 4,471.57              | 61.24                   | 74.012            |                    |         |
| 6,650.00                | 6,460.15            | 6,260.00            | 6,232.28            | 33.35           | 28.63       | 159.33                | -206.24                           | 5,236.10   | 4,546.68             | 4,485.28              | 61.40                   | 74.047            |                    |         |
| 6,700.00                | 6,507.49            | 6,260.00            | 6,232.28            | 33.52           | 28.63       | 167.94                | -206.24                           | 5,236.10   | 4,564.53             | 4,502.99              | 61.54                   | 74.174            |                    |         |
| 6,750.00                | 6,553.69            | 6,260.00            | 6,232.28            | 33.69           | 28.63       | 174.22                | -206.24                           | 5,236.10   | 4,586.20             | 4,524.55              | 61.65                   | 74.389            |                    |         |
| 6,800.00                | 6,598.44            | 6,260.00            | 6,232.28            | 33.85           | 28.63       | 179.14                | -206.24                           | 5,236.10   | 4,611.51             | 4,549.76              | 61.75                   | 74.684            |                    |         |
| 6,850.00                | 6,641.47            | 6,260.00            | 6,232.28            | 34.02           | 28.63       | -176.72               | -206.24                           | 5,236.10   | 4,640.25             | 4,578.42              | 61.83                   | 75.055            |                    |         |
| 6,900.00                | 6,682.53            | 6,260.00            | 6,232.28            | 34.19           | 28.63       | -172.96               | -206.24                           | 5,236.10   | 4,672.17             | 4,610.28              | 61.89                   | 75.494            |                    |         |
| 6,950.00                | 6,721.35            | 6,260.00            | 6,232.28            | 34.38           | 28.63       | -169.31               | -206.24                           | 5,236.10   | 4,707.02             | 4,645.08              | 61.94                   | 75.995            |                    |         |
| 7,000.00                | 6,757.70            | 6,299.65            | 6,271.84            | 34.57           | 28.78       | -165.66               | -206.42                           | 5,238.53   | 4,742.86             | 4,680.68              | 62.18                   | 76.281            |                    |         |
| 7,050.00                | 6,791.35            | 6,302.58            | 6,274.76            | 34.79           | 28.79       | -161.56               | -206.45                           | 5,238.83   | 4,782.46             | 4,720.24              | 62.23                   | 76.857            |                    |         |
| 7,100.00                | 6,822.10            | 6,305.17            | 6,277.33            | 35.03           | 28.80       | -156.83               | -206.47                           | 5,239.11   | 4,824.14             | 4,761.87              | 62.27                   | 77.475            |                    |         |
| 7,150.00                | 6,849.75            | 6,307.39            | 6,279.54            | 35.30           | 28.81       | -151.15               | -206.49                           | 5,239.36   | 4,867.59             | 4,805.29              | 62.30                   | 78.128            |                    |         |
| 7,200.00                | 6,874.14            | 6,309.23            | 6,281.37            | 35.61           | 28.82       | -144.10               | -206.50                           | 5,239.58   | 4,912.51             | 4,850.18              | 62.34                   | 78.808            |                    |         |
| 7,250.00                | 6,895.11            | 6,349.00            | 6,320.63            | 35.95           | 28.97       | -136.02               | -206.98                           | 5,245.83   | 4,960.14             | 4,897.58              | 62.56                   | 79.281            |                    |         |
| 7,300.00                | 6,912.54            | 6,349.00            | 6,320.63            | 36.34           | 28.97       | -125.12               | -206.98                           | 5,245.83   | 5,006.98             | 4,944.39              | 62.59                   | 79.995            |                    |         |
| 7,350.00                | 6,926.31            | 6,349.00            | 6,320.63            | 36.77           | 28.97       | -112.04               | -206.98                           | 5,245.83   | 5,054.39             | 4,991.77              | 62.62                   | 80.713            |                    |         |
| 7,400.00                | 6,936.35            | 6,349.00            | 6,320.63            | 37.25           | 28.97       | -97.67                | -206.98                           | 5,245.83   | 5,102.07             | 5,039.41              | 62.66                   | 81.425            |                    |         |
| 7,450.00                | 6,942.59            | 6,349.00            | 6,320.63            | 37.76           | 28.97       | -83.66                | -206.98                           | 5,245.83   | 5,149.72             | 5,087.02              | 62.70                   | 82.126            |                    |         |
| 7,500.00                | 6,944.99            | 6,349.00            | 6,320.63            | 38.31           | 28.97       | -71.51                | -206.98                           | 5,245.83   | 5,197.06             | 5,134.30              | 62.76                   | 82.809            |                    |         |
| 7,512.10                | 6,945.00            | 6,349.00            | 6,320.63            | 38.44           | 28.97       | -68.93                | -206.98                           | 5,245.83   | 5,208.44             | 5,145.66              | 62.77                   | 82.972            |                    |         |
| 7,600.00                | 6,944.19            | 6,349.00            | 6,320.63            | 39.51           | 28.97       | -68.93                | -206.98                           | 5,245.83   | 5,291.03             | 5,228.14              | 62.89                   | 84.129            |                    |         |
| 7,700.00                | 6,943.28            | 6,349.00            | 6,320.63            | 40.90           | 28.97       | -68.93                | -206.98                           | 5,245.83   | 5,385.20             | 5,322.15              | 63.04                   | 85.424            |                    |         |
| 7,800.00                | 6,942.37            | 6,309.06            | 6,281.20            | 42.44           | 28.82       | -67.75                | -206.50                           | 5,239.56   | 5,477.89             | 5,414.88              | 63.01                   | 86.941            |                    |         |
| 7,900.00                | 6,941.46            | 6,307.99            | 6,280.13            | 44.11           | 28.82       | -67.72                | -206.49                           | 5,239.43   | 5,572.37             | 5,509.19              | 63.18                   | 88.204            |                    |         |
| 8,000.00                | 6,940.55            | 6,306.94            | 6,279.09            | 45.90           | 28.81       | -67.69                | -206.48                           | 5,239.31   | 5,667.03             | 5,603.68              | 63.35                   | 89.450            |                    |         |
| 8,100.00                | 6,939.64            | 6,305.93            | 6,278.09            | 47.80           | 28.81       | -67.66                | -206.48                           | 5,239.20   | 5,761.88             | 5,698.33              | 63.54                   | 90.680            |                    |         |
| 8,200.00                | 6,938.72            | 6,304.95            | 6,277.12            | 49.79           | 28.80       | -67.63                | -206.47                           | 5,239.09   | 5,856.89             | 5,793.15              | 63.73                   | 91.897            |                    |         |
| 8,300.00                | 6,937.81            | 6,304.00            | 6,276.17            | 51.86           | 28.80       | -67.61                | -206.46                           | 5,238.99   | 5,952.06             | 5,888.13              | 63.93                   | 93.100            |                    |         |
| 8,400.00                | 6,936.90            | 6,303.08            | 6,275.26            | 54.01           | 28.80       | -67.58                | -206.45                           | 5,238.89   | 6,047.39             | 5,983.26              | 64.14                   | 94.291            |                    |         |
| 8,500.00                | 6,935.99            | 6,302.19            | 6,274.37            | 56.21           | 28.79       | -67.55                | -206.44                           | 5,238.79   | 6,142.87             | 6,078.52              | 64.34                   | 95.471            |                    |         |
| 8,600.00                | 6,935.08            | 6,301.32            | 6,273.51            | 58.47           | 28.79       | -67.53                | -206.44                           | 5,238.70   | 6,238.48             | 6,173.93              | 64.55                   | 96.641            |                    |         |
| 8,700.00                | 6,934.17            | 6,260.00            | 6,232.28            | 60.78           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 6,335.95             | 6,271.36              | 64.59                   | 98.095            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 174-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                | 6,933.25            | 6,260.00            | 6,232.28            | 63.13           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 6,431.76             | 6,366.95              | 64.81                   | 99.239            |                    |         |
| 8,900.00                | 6,932.34            | 6,260.00            | 6,232.28            | 65.52           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 6,527.69             | 6,462.66              | 65.03                   | 100.375           |                    |         |
| 9,000.00                | 6,931.43            | 6,260.00            | 6,232.28            | 67.95           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 6,623.74             | 6,558.49              | 65.26                   | 101.504           |                    |         |
| 9,100.00                | 6,930.52            | 6,260.00            | 6,232.28            | 70.40           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 6,719.91             | 6,654.43              | 65.48                   | 102.627           |                    |         |
| 9,200.00                | 6,929.61            | 6,260.00            | 6,232.28            | 72.89           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 6,816.19             | 6,750.49              | 65.70                   | 103.744           |                    |         |
| 9,300.00                | 6,928.69            | 6,260.00            | 6,232.28            | 75.40           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 6,912.58             | 6,846.65              | 65.93                   | 104.855           |                    |         |
| 9,400.00                | 6,927.78            | 6,260.00            | 6,232.28            | 77.93           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 7,009.06             | 6,942.92              | 66.15                   | 105.961           |                    |         |
| 9,500.00                | 6,926.87            | 6,260.00            | 6,232.28            | 80.48           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 7,105.65             | 7,039.28              | 66.37                   | 107.062           |                    |         |
| 9,600.00                | 6,925.96            | 6,260.00            | 6,232.28            | 83.05           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 7,202.32             | 7,135.73              | 66.59                   | 108.159           |                    |         |
| 9,700.00                | 6,925.05            | 6,260.00            | 6,232.28            | 85.64           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 7,299.09             | 7,232.28              | 66.81                   | 109.251           |                    |         |
| 9,800.00                | 6,924.14            | 6,260.00            | 6,232.28            | 88.25           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 7,395.94             | 7,328.91              | 67.03                   | 110.340           |                    |         |
| 9,900.00                | 6,923.22            | 6,260.00            | 6,232.28            | 90.86           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 7,492.88             | 7,425.63              | 67.25                   | 111.425           |                    |         |
| 10,000.00               | 6,922.31            | 6,260.00            | 6,232.28            | 93.50           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 7,589.89             | 7,522.43              | 67.46                   | 112.507           |                    |         |
| 10,100.00               | 6,921.40            | 6,260.00            | 6,232.28            | 96.14           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 7,686.98             | 7,619.31              | 67.68                   | 113.586           |                    |         |
| 10,200.00               | 6,920.49            | 6,260.00            | 6,232.28            | 98.79           | 28.63       | -66.33                | -206.24                           | 5,236.10   | 7,784.15             | 7,716.26              | 67.89                   | 114.662           |                    |         |
| 10,300.00               | 6,919.58            | 6,260.00            | 6,232.28            | 101.45          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 7,881.38             | 7,813.28              | 68.10                   | 115.734           |                    |         |
| 10,400.00               | 6,918.67            | 6,260.00            | 6,232.28            | 104.13          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 7,978.69             | 7,910.38              | 68.31                   | 116.805           |                    |         |
| 10,500.00               | 6,917.75            | 6,260.00            | 6,232.28            | 106.81          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 8,076.05             | 8,007.54              | 68.52                   | 117.872           |                    |         |
| 10,600.00               | 6,916.84            | 6,260.00            | 6,232.28            | 109.50          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 8,173.49             | 8,104.77              | 68.72                   | 118.937           |                    |         |
| 10,700.00               | 6,915.93            | 6,260.00            | 6,232.28            | 112.19          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 8,270.98             | 8,202.06              | 68.92                   | 120.000           |                    |         |
| 10,800.00               | 6,915.02            | 6,260.00            | 6,232.28            | 114.90          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 8,368.54             | 8,299.41              | 69.13                   | 121.061           |                    |         |
| 10,900.00               | 6,914.11            | 6,260.00            | 6,232.28            | 117.61          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 8,466.15             | 8,396.82              | 69.33                   | 122.119           |                    |         |
| 11,000.00               | 6,913.20            | 6,260.00            | 6,232.28            | 120.32          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 8,563.81             | 8,494.29              | 69.53                   | 123.176           |                    |         |
| 11,100.00               | 6,912.28            | 6,260.00            | 6,232.28            | 123.04          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 8,661.53             | 8,591.81              | 69.72                   | 124.230           |                    |         |
| 11,200.00               | 6,911.37            | 6,260.00            | 6,232.28            | 125.77          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 8,759.30             | 8,689.39              | 69.92                   | 125.282           |                    |         |
| 11,300.00               | 6,910.46            | 6,260.00            | 6,232.28            | 128.50          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 8,857.12             | 8,787.01              | 70.11                   | 126.333           |                    |         |
| 11,400.00               | 6,909.55            | 6,260.00            | 6,232.28            | 131.24          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 8,954.99             | 8,884.69              | 70.30                   | 127.382           |                    |         |
| 11,500.00               | 6,908.64            | 6,260.00            | 6,232.28            | 133.98          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 9,052.91             | 8,982.42              | 70.49                   | 128.428           |                    |         |
| 11,600.00               | 6,907.73            | 6,260.00            | 6,232.28            | 136.72          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 9,150.87             | 9,080.19              | 70.68                   | 129.474           |                    |         |
| 11,700.00               | 6,906.81            | 6,260.00            | 6,232.28            | 139.47          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 9,248.87             | 9,178.01              | 70.86                   | 130.517           |                    |         |
| 11,800.00               | 6,905.90            | 6,260.00            | 6,232.28            | 142.22          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 9,346.92             | 9,275.87              | 71.05                   | 131.558           |                    |         |
| 11,900.00               | 6,904.99            | 6,260.00            | 6,232.28            | 144.97          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 9,445.00             | 9,373.77              | 71.23                   | 132.598           |                    |         |
| 12,000.00               | 6,904.08            | 6,260.00            | 6,232.28            | 147.73          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 9,543.13             | 9,471.72              | 71.41                   | 133.637           |                    |         |
| 12,100.00               | 6,903.17            | 6,260.00            | 6,232.28            | 150.49          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 9,641.30             | 9,569.71              | 71.59                   | 134.673           |                    |         |
| 12,200.00               | 6,902.26            | 6,260.00            | 6,232.28            | 153.26          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 9,739.50             | 9,667.73              | 71.77                   | 135.708           |                    |         |
| 12,300.00               | 6,901.34            | 6,260.00            | 6,232.28            | 156.02          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 9,837.74             | 9,765.79              | 71.94                   | 136.741           |                    |         |
| 12,400.00               | 6,900.43            | 6,260.00            | 6,232.28            | 158.79          | 28.63       | -66.33                | -206.24                           | 5,236.10   | 9,936.01             | 9,863.89              | 72.12                   | 137.773           |                    |         |



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design   |                |                         |                |                 |        |                   |                        |                 |                  |                    |                   |         | Boomerang 21-5 - LA POWDRE SOUTH #4 - OH - OH |         | Offset Site Error: | 0.00 ft |
|-----------------|----------------|-------------------------|----------------|-----------------|--------|-------------------|------------------------|-----------------|------------------|--------------------|-------------------|---------|---|---------|--------------------|---------|
| Survey Program: |                | 100-2" Cone@2.448 Sigma |                |                 |        |                   |                        |                 |                  |                    |                   |         | Offset Well Error:                            | 3.28 ft |                    |         |
| Reference       |                | Offset                  |                | Semi Major Axis |        |                   | Distance               |                 |                  |                    |                   |         |   | Warning |                    |         |
| Measured Depth  | Vertical Depth | Measured Depth          | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre | Between Centres | Between Ellipses | Minimum Separation | Separation Factor |         |   |         |                    |         |
| (ft)            | (ft)           | (ft)                    | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft)      | (ft)             | (ft)               | (ft)              |         |   |         |                    |         |
| 0.00            | 0.00           | 33.00                   | 33.00          | 3.28            | 3.33   | -73.21            | 1,774.85               | -5,882.72       | 6,144.63         |                    |                   |         |   |         |                    |         |
| 100.00          | 100.00         | 133.00                  | 133.00         | 3.28            | 4.38   | -73.21            | 1,774.85               | -5,882.72       | 6,144.63         | 6,136.97           | 7.66              | 802.042 |   |         |                    |         |
| 200.00          | 200.00         | 233.00                  | 233.00         | 3.34            | 7.18   | -73.21            | 1,774.85               | -5,882.72       | 6,144.63         | 6,134.11           | 10.52             | 584.180 |   |         |                    |         |
| 300.00          | 300.00         | 333.00                  | 333.00         | 3.44            | 10.41  | -73.21            | 1,774.85               | -5,882.72       | 6,144.63         | 6,130.78           | 13.85             | 443.505 |   |         |                    |         |
| 400.00          | 399.98         | 432.98                  | 432.98         | 3.60            | 13.77  | -103.36           | 1,774.85               | -5,882.72       | 6,145.04         | 6,127.67           | 17.37             | 353.796 |   |         |                    |         |
| 500.00          | 499.84         | 532.84                  | 532.84         | 3.81            | 17.17  | -103.38           | 1,774.85               | -5,882.72       | 6,146.25         | 6,125.27           | 20.98             | 293.015 |   |         |                    |         |
| 550.00          | 549.68         | 582.68                  | 582.68         | 3.93            | 18.88  | -103.40           | 1,774.85               | -5,882.72       | 6,147.16         | 6,124.36           | 22.80             | 269.585 |   |         |                    |         |
| 600.00          | 599.45         | 632.45                  | 632.45         | 4.06            | 20.60  | -105.71           | 1,774.85               | -5,882.72       | 6,148.37         | 6,123.73           | 24.64             | 249.528 |   |         |                    |         |
| 700.00          | 698.71         | 731.71                  | 731.71         | 4.33            | 24.02  | -108.63           | 1,774.85               | -5,882.72       | 6,152.02         | 6,123.68           | 28.34             | 217.068 |   |         |                    |         |
| 800.00          | 797.49         | 830.49                  | 830.49         | 4.64            | 27.44  | -110.40           | 1,774.85               | -5,882.72       | 6,157.29         | 6,125.22           | 32.07             | 192.014 |   |         |                    |         |
| 900.00          | 895.68         | 928.68                  | 928.68         | 4.97            | 30.85  | -111.59           | 1,774.85               | -5,882.72       | 6,164.20         | 6,128.39           | 35.81             | 172.155 |   |         |                    |         |
| 1,000.00        | 993.14         | 1,026.14                | 1,026.14       | 5.33            | 34.23  | -112.44           | 1,774.85               | -5,882.72       | 6,172.77         | 6,133.22           | 39.55             | 156.069 |   |         |                    |         |
| 1,039.84        | 1,031.75       | 1,064.75                | 1,064.75       | 5.48            | 35.58  | -112.72           | 1,774.85               | -5,882.72       | 6,176.66         | 6,135.61           | 41.04             | 150.487 |   |         |                    |         |
| 1,100.00        | 1,089.94       | 1,122.94                | 1,122.94       | 5.72            | 37.60  | -112.85           | 1,774.85               | -5,882.72       | 6,182.74         | 6,139.43           | 43.30             | 142.787 |   |         |                    |         |
| 1,200.00        | 1,186.67       | 1,219.67                | 1,219.67       | 6.13            | 40.96  | -113.06           | 1,774.85               | -5,882.72       | 6,192.91         | 6,145.84           | 47.07             | 131.574 |   |         |                    |         |
| 1,300.00        | 1,283.39       | 1,316.39                | 1,316.39       | 6.55            | 44.33  | -113.27           | 1,774.85               | -5,882.72       | 6,203.18         | 6,152.32           | 50.85             | 121.984 |   |         |                    |         |
| 1,400.00        | 1,380.12       | 1,413.12                | 1,413.12       | 6.99            | 47.70  | -113.48           | 1,774.85               | -5,882.72       | 6,213.53         | 6,158.88           | 54.65             | 113.696 |   |         |                    |         |
| 1,500.00        | 1,476.85       | 1,509.85                | 1,509.85       | 7.45            | 51.07  | -113.68           | 1,774.85               | -5,882.72       | 6,223.96         | 6,165.50           | 58.46             | 106.465 |   |         |                    |         |
| 1,600.00        | 1,573.57       | 1,606.57                | 1,606.57       | 7.90            | 54.44  | -113.89           | 1,774.85               | -5,882.72       | 6,234.49         | 6,172.21           | 62.28             | 100.106 |   |         |                    |         |
| 1,700.00        | 1,670.30       | 1,703.30                | 1,703.30       | 8.37            | 57.81  | -114.10           | 1,774.85               | -5,882.72       | 6,245.10         | 6,178.99           | 66.11             | 94.471  |   |         |                    |         |
| 1,800.00        | 1,767.03       | 1,800.03                | 1,800.03       | 8.85            | 61.18  | -114.30           | 1,774.85               | -5,882.72       | 6,255.79         | 6,185.85           | 69.94             | 89.446  |   |         |                    |         |
| 1,900.00        | 1,863.75       | 1,903.25                | 1,896.75       | 9.32            | 64.78  | -114.51           | 1,774.85               | -5,882.72       | 6,266.57         | 6,192.56           | 74.00             | 84.679  |   |         |                    |         |
| 2,000.00        | 1,960.48       | 2,006.52                | 1,993.48       | 9.81            | 68.38  | -114.72           | 1,774.85               | -5,882.72       | 6,277.43         | 6,199.35           | 78.08             | 80.402  |   |         |                    |         |
| 2,100.00        | 2,057.21       | 2,109.79                | 2,090.21       | 10.29           | 71.98  | -114.92           | 1,774.85               | -5,882.72       | 6,288.37         | 6,206.22           | 82.15             | 76.546  |   |         |                    |         |
| 2,200.00        | 2,153.93       | 2,186.93                | 2,186.93       | 10.78           | 74.67  | -115.12           | 1,774.85               | -5,882.72       | 6,299.40         | 6,214.08           | 85.32             | 73.834  |   |         |                    |         |
| 2,300.00        | 2,250.66       | 2,283.66                | 2,283.66       | 11.28           | 78.05  | -115.33           | 1,774.85               | -5,882.72       | 6,310.51         | 6,221.34           | 89.17             | 70.767  |   |         |                    |         |
| 2,400.00        | 2,347.39       | 2,380.39                | 2,380.39       | 11.77           | 81.42  | -115.53           | 1,774.85               | -5,882.72       | 6,321.71         | 6,228.68           | 93.03             | 67.954  |   |         |                    |         |
| 2,500.00        | 2,444.11       | 2,477.11                | 2,477.11       | 12.27           | 84.79  | -115.73           | 1,774.85               | -5,882.72       | 6,332.98         | 6,236.10           | 96.89             | 65.365  |   |         |                    |         |
| 2,600.00        | 2,540.84       | 2,573.84                | 2,573.84       | 12.77           | 88.17  | -115.93           | 1,774.85               | -5,882.72       | 6,344.34         | 6,243.59           | 100.75            | 62.973  |   |         |                    |         |
| 2,700.00        | 2,637.57       | 2,670.57                | 2,670.57       | 13.27           | 91.54  | -116.13           | 1,774.85               | -5,882.72       | 6,355.78         | 6,251.17           | 104.61            | 60.758  |   |         |                    |         |
| 2,800.00        | 2,734.30       | 2,767.30                | 2,767.30       | 13.78           | 94.92  | -116.33           | 1,774.85               | -5,882.72       | 6,367.30         | 6,258.82           | 108.47            | 58.700  |   |         |                    |         |
| 2,900.00        | 2,831.02       | 2,864.02                | 2,864.02       | 14.28           | 98.29  | -116.53           | 1,774.85               | -5,882.72       | 6,378.89         | 6,266.56           | 112.34            | 56.784  |   |         |                    |         |
| 3,000.00        | 2,927.75       | 2,960.75                | 2,960.75       | 14.79           | 101.67 | -116.73           | 1,774.85               | -5,882.72       | 6,390.57         | 6,274.37           | 116.20            | 54.995  |   |         |                    |         |
| 3,100.00        | 3,024.48       | 3,057.48                | 3,057.48       | 15.29           | 105.04 | -116.93           | 1,774.85               | -5,882.72       | 6,402.33         | 6,282.26           | 120.07            | 53.322  |   |         |                    |         |
| 3,200.00        | 3,121.20       | 3,154.20                | 3,154.20       | 15.80           | 108.42 | -117.12           | 1,774.85               | -5,882.72       | 6,414.17         | 6,290.23           | 123.94            | 51.754  |   |         |                    |         |
| 3,300.00        | 3,217.93       | 3,250.93                | 3,250.93       | 16.31           | 111.79 | -117.32           | 1,774.85               | -5,882.72       | 6,426.08         | 6,298.28           | 127.80            | 50.281  |   |         |                    |         |
| 3,400.00        | 3,314.66       | 3,347.66                | 3,347.66       | 16.82           | 115.17 | -117.52           | 1,774.85               | -5,882.72       | 6,438.08         | 6,306.40           | 131.67            | 48.895  |   |         |                    |         |
| 3,500.00        | 3,411.38       | 3,444.38                | 3,444.38       | 17.33           | 118.54 | -117.71           | 1,774.85               | -5,882.72       | 6,450.15         | 6,314.60           | 135.54            | 47.588  |   |         |                    |         |
| 3,600.00        | 3,508.11       | 3,541.11                | 3,541.11       | 17.84           | 121.92 | -117.90           | 1,774.85               | -5,882.72       | 6,462.29         | 6,322.88           | 139.41            | 46.354  |   |         |                    |         |
| 3,700.00        | 3,604.84       | 3,637.84                | 3,637.84       | 18.36           | 125.29 | -118.10           | 1,774.85               | -5,882.72       | 6,474.52         | 6,331.24           | 143.28            | 45.187  |   |         |                    |         |
| 3,800.00        | 3,701.56       | 3,734.56                | 3,734.56       | 18.87           | 128.67 | -118.29           | 1,774.85               | -5,882.72       | 6,486.82         | 6,339.67           | 147.15            | 44.082  |   |         |                    |         |
| 3,900.00        | 3,798.29       | 3,831.29                | 3,831.29       | 19.38           | 132.05 | -118.48           | 1,774.85               | -5,882.72       | 6,499.19         | 6,348.17           | 151.02            | 43.034  |   |         |                    |         |
| 4,000.00        | 3,895.02       | 3,928.02                | 3,928.02       | 19.89           | 135.42 | -118.67           | 1,774.85               | -5,882.72       | 6,511.65         | 6,356.75           | 154.89            | 42.039  |   |         |                    |         |
| 4,100.00        | 3,991.74       | 4,024.74                | 4,024.74       | 20.41           | 138.80 | -118.86           | 1,774.85               | -5,882.72       | 6,524.17         | 6,365.41           | 158.77            | 41.093  |   |         |                    |         |
| 4,200.00        | 4,088.47       | 4,121.47                | 4,121.47       | 20.92           | 142.17 | -119.05           | 1,774.85               | -5,882.72       | 6,536.77         | 6,374.14           | 162.64            | 40.192  |   |         |                    |         |
| 4,300.00        | 4,185.20       | 4,218.20                | 4,218.20       | 21.44           | 145.55 | -119.24           | 1,774.85               | -5,882.72       | 6,549.45         | 6,382.94           | 166.51            | 39.334  |   |         |                    |         |
| 4,400.00        | 4,281.92       | 4,314.92                | 4,314.92       | 21.95           | 148.92 | -119.43           | 1,774.85               | -5,882.72       | 6,562.20         | 6,391.82           | 170.38            | 38.515  |   |         |                    |         |
| 4,500.00        | 4,378.65       | 4,411.65                | 4,411.65       | 22.47           | 152.30 | -119.62           | 1,774.85               | -5,882.72       | 6,575.02         | 6,400.77           | 174.25            | 37.733  |   |         |                    |         |
| 4,600.00        | 4,475.38       | 4,508.38                | 4,508.38       | 22.99           | 155.68 | -119.81           | 1,774.85               | -5,882.72       | 6,587.91         | 6,409.79           | 178.13            | 36.985  |   |         |                    |         |
| 4,700.00        | 4,572.10       | 4,605.10                | 4,605.10       | 23.50           | 159.05 | -119.99           | 1,774.85               | -5,882.72       | 6,600.88         | 6,418.88           | 182.00            | 36.269  |   |         |                    |         |
| 4,800.00        | 4,668.83       | 4,701.83                | 4,701.83       | 24.02           | 162.43 | -120.18           | 1,774.85               | -5,882.72       | 6,613.92         | 6,428.05           | 185.87            | 35.584  |   |         |                    |         |
| 4,900.00        | 4,765.56       | 4,801.44                | 4,798.56       | 24.53           | 165.91 | -120.36           | 1,774.85               | -5,882.72       | 6,627.03         | 6,437.19           | 189.84            | 34.908  |   |         |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                                | 4,862.28            | 4,904.72            | 4,895.28            | 25.05           | 169.51      | -120.55               | 1,774.85                          | -5,882.72  | 6,640.21             | 6,446.27              | 193.94                  | 34.238            |                    |         |
| 5,100.00                                | 4,959.01            | 5,007.99            | 4,992.01            | 25.57           | 173.11      | -120.73               | 1,774.85                          | -5,882.72  | 6,653.47             | 6,455.42              | 198.04                  | 33.596            |                    |         |
| 5,200.00                                | 5,055.74            | 5,088.74            | 5,088.74            | 26.09           | 175.93      | -120.92               | 1,774.85                          | -5,882.72  | 6,666.79             | 6,465.43              | 201.36                  | 33.109            |                    |         |
| 5,300.00                                | 5,152.46            | 5,185.46            | 5,185.46            | 26.60           | 179.31      | -121.10               | 1,774.85                          | -5,882.72  | 6,680.18             | 6,474.95              | 205.23                  | 32.550            |                    |         |
| 5,400.00                                | 5,249.19            | 5,282.19            | 5,282.19            | 27.12           | 182.69      | -121.28               | 1,774.85                          | -5,882.72  | 6,693.64             | 6,484.54              | 209.10                  | 32.011            |                    |         |
| 5,500.00                                | 5,345.92            | 5,378.92            | 5,378.92            | 27.64           | 186.06      | -121.46               | 1,774.85                          | -5,882.72  | 6,707.17             | 6,494.20              | 212.97                  | 31.493            |                    |         |
| 5,600.00                                | 5,442.65            | 5,475.65            | 5,475.65            | 28.16           | 189.44      | -121.64               | 1,774.85                          | -5,882.72  | 6,720.77             | 6,503.93              | 216.85                  | 30.993            |                    |         |
| 5,700.00                                | 5,539.37            | 5,572.37            | 5,572.37            | 28.68           | 192.81      | -121.82               | 1,774.85                          | -5,882.72  | 6,734.44             | 6,513.72              | 220.72                  | 30.511            |                    |         |
| 5,800.00                                | 5,636.10            | 5,669.10            | 5,669.10            | 29.20           | 196.19      | -122.00               | 1,774.85                          | -5,882.72  | 6,748.18             | 6,523.59              | 224.59                  | 30.047            |                    |         |
| 5,900.00                                | 5,732.83            | 5,765.83            | 5,765.83            | 29.71           | 199.57      | -122.18               | 1,774.85                          | -5,882.72  | 6,761.98             | 6,533.52              | 228.46                  | 29.598            |                    |         |
| 6,000.00                                | 5,829.55            | 5,862.55            | 5,862.55            | 30.23           | 202.94      | -122.35               | 1,774.85                          | -5,882.72  | 6,775.85             | 6,543.51              | 232.33                  | 29.164            |                    |         |
| 6,100.00                                | 5,926.28            | 5,959.28            | 5,959.28            | 30.75           | 206.32      | -122.53               | 1,774.85                          | -5,882.72  | 6,789.78             | 6,553.58              | 236.21                  | 28.745            |                    |         |
| 6,200.00                                | 6,023.01            | 6,056.01            | 6,056.01            | 31.27           | 209.70      | -122.71               | 1,774.85                          | -5,882.72  | 6,803.79             | 6,563.71              | 240.08                  | 28.340            |                    |         |
| 6,300.00                                | 6,119.73            | 6,152.73            | 6,152.73            | 31.79           | 213.07      | -122.88               | 1,774.85                          | -5,882.72  | 6,817.85             | 6,573.91              | 243.95                  | 27.948            |                    |         |
| 6,397.75                                | 6,214.28            | 6,247.28            | 6,247.28            | 32.30           | 216.37      | -123.05               | 1,774.85                          | -5,882.72  | 6,831.67             | 6,583.94              | 247.73                  | 27.577            |                    |         |
| 6,400.00                                | 6,216.46            | 6,249.46            | 6,249.46            | 32.31           | 216.45      | -122.47               | 1,774.85                          | -5,882.72  | 6,831.98             | 6,584.16              | 247.82                  | 27.568            |                    |         |
| 6,450.00                                | 6,265.12            | 6,301.88            | 6,298.12            | 32.56           | 218.28      | -106.54               | 1,774.85                          | -5,882.72  | 6,836.97             | 6,587.08              | 249.89                  | 27.360            |                    |         |
| 6,500.00                                | 6,314.12            | 6,347.12            | 6,347.12            | 32.78           | 219.86      | -85.18                | 1,774.85                          | -5,882.72  | 6,838.09             | 6,586.39              | 251.69                  | 27.168            |                    |         |
| 6,550.00                                | 6,363.16            | 6,403.84            | 6,396.16            | 32.99           | 221.84      | -62.97                | 1,774.85                          | -5,882.72  | 6,835.33             | 6,581.45              | 253.88                  | 26.924            |                    |         |
| 6,600.00                                | 6,411.94            | 6,444.94            | 6,444.94            | 33.18           | 223.27      | -45.42                | 1,774.85                          | -5,882.72  | 6,828.71             | 6,573.21              | 255.50                  | 26.727            |                    |         |
| 6,650.00                                | 6,460.15            | 6,506.85            | 6,493.15            | 33.35           | 225.43      | -33.38                | 1,774.85                          | -5,882.72  | 6,818.27             | 6,560.45              | 257.82                  | 26.446            |                    |         |
| 6,700.00                                | 6,507.49            | 6,540.49            | 6,540.49            | 33.52           | 226.61      | -25.27                | 1,774.85                          | -5,882.72  | 6,804.06             | 6,544.92              | 259.14                  | 26.256            |                    |         |
| 6,750.00                                | 6,553.69            | 6,586.69            | 6,586.69            | 33.69           | 228.22      | -19.60                | 1,774.85                          | -5,882.72  | 6,786.19             | 6,525.31              | 260.88                  | 26.013            |                    |         |
| 6,800.00                                | 6,598.44            | 6,631.44            | 6,631.44            | 33.85           | 229.78      | -15.44                | 1,774.85                          | -5,882.72  | 6,764.74             | 6,502.19              | 262.55                  | 25.765            |                    |         |
| 6,850.00                                | 6,641.47            | 6,674.47            | 6,674.47            | 34.02           | 231.28      | -12.24                | 1,774.85                          | -5,882.72  | 6,739.86             | 6,475.71              | 264.15                  | 25.515            |                    |         |
| 6,900.00                                | 6,682.53            | 6,715.53            | 6,715.53            | 34.19           | 232.72      | -9.63                 | 1,774.85                          | -5,882.72  | 6,711.69             | 6,446.02              | 265.67                  | 25.264            |                    |         |
| 6,950.00                                | 6,721.35            | 6,754.35            | 6,754.35            | 34.38           | 234.07      | -7.40                 | 1,774.85                          | -5,882.72  | 6,680.41             | 6,413.32              | 267.09                  | 25.012            |                    |         |
| 7,000.00                                | 6,757.70            | 6,809.30            | 6,790.70            | 34.57           | 235.99      | -5.37                 | 1,774.85                          | -5,882.72  | 6,646.21             | 6,377.14              | 269.06                  | 24.701            |                    |         |
| 7,050.00                                | 6,791.35            | 6,824.35            | 6,824.35            | 34.79           | 236.52      | -3.42                 | 1,774.85                          | -5,882.72  | 6,609.29             | 6,339.66              | 269.63                  | 24.512            |                    |         |
| 7,100.00                                | 6,822.10            | 6,855.10            | 6,855.10            | 35.03           | 237.59      | -1.41                 | 1,774.85                          | -5,882.72  | 6,569.89             | 6,299.15              | 270.74                  | 24.266            |                    |         |
| 7,150.00                                | 6,849.75            | 6,882.75            | 6,882.75            | 35.30           | 238.55      | 0.80                  | 1,774.85                          | -5,882.72  | 6,528.25             | 6,256.52              | 271.73                  | 24.024            |                    |         |
| 7,200.00                                | 6,874.14            | 6,907.14            | 6,907.14            | 35.61           | 239.41      | 3.42                  | 1,774.85                          | -5,882.72  | 6,484.62             | 6,212.02              | 272.60                  | 23.788            |                    |         |
| 7,250.00                                | 6,895.11            | 6,928.11            | 6,928.11            | 35.95           | 240.14      | 6.78                  | 1,774.85                          | -5,882.72  | 6,439.28             | 6,165.93              | 273.35                  | 23.557            |                    |         |
| 7,300.00                                | 6,912.54            | 6,945.54            | 6,945.54            | 36.34           | 240.75      | 11.46                 | 1,774.85                          | -5,882.72  | 6,392.50             | 6,118.53              | 273.96                  | 23.333            |                    |         |
| 7,350.00                                | 6,926.31            | 6,959.31            | 6,959.31            | 36.77           | 241.23      | 18.60                 | 1,774.85                          | -5,882.72  | 6,344.57             | 6,070.12              | 274.45                  | 23.117            |                    |         |
| 7,400.00                                | 6,936.35            | 6,969.35            | 6,969.35            | 37.25           | 241.58      | 30.70                 | 1,774.85                          | -5,882.72  | 6,295.79             | 6,020.99              | 274.81                  | 22.910            |                    |         |
| 7,450.00                                | 6,942.59            | 6,975.59            | 6,975.59            | 37.76           | 241.80      | 52.57                 | 1,774.85                          | -5,882.72  | 6,246.47             | 5,971.44              | 275.03                  | 22.712            |                    |         |
| 7,500.00                                | 6,944.99            | 6,977.99            | 6,977.99            | 38.31           | 241.88      | 85.78                 | 1,774.85                          | -5,882.72  | 6,196.90             | 5,921.78              | 275.12                  | 22.524            |                    |         |
| 7,512.10                                | 6,945.00            | 6,978.00            | 6,978.00            | 38.44           | 241.88      | 93.91                 | 1,774.85                          | -5,882.72  | 6,184.90             | 5,909.77              | 275.13                  | 22.480            |                    |         |
| 7,600.00                                | 6,944.19            | 6,977.19            | 6,977.19            | 39.51           | 241.85      | 93.86                 | 1,774.85                          | -5,882.72  | 6,097.79             | 5,822.66              | 275.13                  | 22.164            |                    |         |
| 7,700.00                                | 6,943.28            | 6,976.28            | 6,976.28            | 40.90           | 241.82      | 93.79                 | 1,774.85                          | -5,882.72  | 5,998.71             | 5,723.58              | 275.13                  | 21.803            |                    |         |
| 7,800.00                                | 6,942.37            | 6,975.37            | 6,975.37            | 42.44           | 241.79      | 93.73                 | 1,774.85                          | -5,882.72  | 5,899.66             | 5,624.52              | 275.15                  | 21.442            |                    |         |
| 7,900.00                                | 6,941.46            | 6,974.46            | 6,974.46            | 44.11           | 241.76      | 93.67                 | 1,774.85                          | -5,882.72  | 5,800.65             | 5,525.48              | 275.17                  | 21.080            |                    |         |
| 8,000.00                                | 6,940.55            | 6,973.55            | 6,973.55            | 45.90           | 241.72      | 93.60                 | 1,774.85                          | -5,882.72  | 5,701.67             | 5,426.47              | 275.20                  | 20.718            |                    |         |
| 8,100.00                                | 6,939.64            | 6,972.64            | 6,972.64            | 47.80           | 241.69      | 93.54                 | 1,774.85                          | -5,882.72  | 5,602.72             | 5,327.48              | 275.24                  | 20.356            |                    |         |
| 8,200.00                                | 6,938.72            | 6,971.72            | 6,971.72            | 49.79           | 241.66      | 93.47                 | 1,774.85                          | -5,882.72  | 5,503.81             | 5,228.52              | 275.29                  | 19.993            |                    |         |
| 8,300.00                                | 6,937.81            | 6,970.81            | 6,970.81            | 51.86           | 241.63      | 93.41                 | 1,774.85                          | -5,882.72  | 5,404.95             | 5,129.59              | 275.36                  | 19.629            |                    |         |
| 8,400.00                                | 6,936.90            | 6,969.90            | 6,969.90            | 54.01           | 241.60      | 93.35                 | 1,774.85                          | -5,882.72  | 5,306.12             | 5,030.69              | 275.43                  | 19.265            |                    |         |
| 8,500.00                                | 6,935.99            | 6,968.99            | 6,968.99            | 56.21           | 241.56      | 93.28                 | 1,774.85                          | -5,882.72  | 5,207.34             | 4,931.82              | 275.52                  | 18.900            |                    |         |
| 8,600.00                                | 6,935.08            | 6,968.08            | 6,968.08            | 58.47           | 241.53      | 93.22                 | 1,774.85                          | -5,882.72  | 5,108.61             | 4,832.98              | 275.63                  | 18.535            |                    |         |
| 8,700.00                                | 6,934.17            | 6,967.17            | 6,967.17            | 60.78           | 241.50      | 93.16                 | 1,774.85                          | -5,882.72  | 5,009.93             | 4,734.18              | 275.75                  | 18.169            |                    |         |
| 8,800.00                                | 6,933.25            | 6,966.25            | 6,966.25            | 63.13           | 241.47      | 93.09                 | 1,774.85                          | -5,882.72  | 4,911.30             | 4,635.41              | 275.89                  | 17.802            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                                | 6,932.34            | 6,965.34            | 6,965.34            | 65.52           | 241.44      | 93.03                 | 1,774.85                          | -5,882.72  | 4,812.73             | 4,536.68              | 276.04                  | 17.435            |                    |         |
| 9,000.00                                | 6,931.43            | 6,964.43            | 6,964.43            | 67.95           | 241.41      | 92.97                 | 1,774.85                          | -5,882.72  | 4,714.21             | 4,437.99              | 276.22                  | 17.067            |                    |         |
| 9,100.00                                | 6,930.52            | 6,963.52            | 6,963.52            | 70.40           | 241.37      | 92.90                 | 1,774.85                          | -5,882.72  | 4,615.76             | 4,339.34              | 276.42                  | 16.698            |                    |         |
| 9,200.00                                | 6,929.61            | 6,962.61            | 6,962.61            | 72.89           | 241.34      | 92.84                 | 1,774.85                          | -5,882.72  | 4,517.38             | 4,240.74              | 276.64                  | 16.329            |                    |         |
| 9,300.00                                | 6,928.69            | 6,961.69            | 6,961.69            | 75.40           | 241.31      | 92.77                 | 1,774.85                          | -5,882.72  | 4,419.07             | 4,142.18              | 276.89                  | 15.959            |                    |         |
| 9,400.00                                | 6,927.78            | 6,960.78            | 6,960.78            | 77.93           | 241.28      | 92.71                 | 1,774.85                          | -5,882.72  | 4,320.84             | 4,043.67              | 277.17                  | 15.589            |                    |         |
| 9,500.00                                | 6,926.87            | 6,959.87            | 6,959.87            | 80.48           | 241.25      | 92.65                 | 1,774.85                          | -5,882.72  | 4,222.69             | 3,945.21              | 277.48                  | 15.218            |                    |         |
| 9,600.00                                | 6,925.96            | 6,958.96            | 6,958.96            | 83.05           | 241.21      | 92.58                 | 1,774.85                          | -5,882.72  | 4,124.63             | 3,846.80              | 277.83                  | 14.846            |                    |         |
| 9,700.00                                | 6,925.05            | 6,958.05            | 6,958.05            | 85.64           | 241.18      | 92.52                 | 1,774.85                          | -5,882.72  | 4,026.67             | 3,748.46              | 278.21                  | 14.473            |                    |         |
| 9,800.00                                | 6,924.14            | 6,957.14            | 6,957.14            | 88.25           | 241.15      | 92.45                 | 1,774.85                          | -5,882.72  | 3,928.81             | 3,650.17              | 278.63                  | 14.100            |                    |         |
| 9,900.00                                | 6,923.22            | 6,956.22            | 6,956.22            | 90.86           | 241.12      | 92.39                 | 1,774.85                          | -5,882.72  | 3,831.05             | 3,551.95              | 279.10                  | 13.726            |                    |         |
| 10,000.00                               | 6,922.31            | 6,955.31            | 6,955.31            | 93.50           | 241.09      | 92.33                 | 1,774.85                          | -5,882.72  | 3,733.42             | 3,453.80              | 279.62                  | 13.352            |                    |         |
| 10,100.00                               | 6,921.40            | 6,954.40            | 6,954.40            | 96.14           | 241.06      | 92.26                 | 1,774.85                          | -5,882.72  | 3,635.92             | 3,355.73              | 280.19                  | 12.977            |                    |         |
| 10,200.00                               | 6,920.49            | 6,953.49            | 6,953.49            | 98.79           | 241.02      | 92.20                 | 1,774.85                          | -5,882.72  | 3,538.55             | 3,257.74              | 280.81                  | 12.601            |                    |         |
| 10,300.00                               | 6,919.58            | 6,952.58            | 6,952.58            | 101.45          | 240.99      | 92.14                 | 1,774.85                          | -5,882.72  | 3,441.33             | 3,159.83              | 281.50                  | 12.225            |                    |         |
| 10,400.00                               | 6,918.67            | 6,951.67            | 6,951.67            | 104.13          | 240.96      | 92.07                 | 1,774.85                          | -5,882.72  | 3,344.28             | 3,062.02              | 282.27                  | 11.848            |                    |         |
| 10,500.00                               | 6,917.75            | 6,950.75            | 6,950.75            | 106.81          | 240.93      | 92.01                 | 1,774.85                          | -5,882.72  | 3,247.41             | 2,964.31              | 283.10                  | 11.471            |                    |         |
| 10,600.00                               | 6,916.84            | 6,949.84            | 6,949.84            | 109.50          | 240.90      | 91.94                 | 1,774.85                          | -5,882.72  | 3,150.73             | 2,866.71              | 284.03                  | 11.093            |                    |         |
| 10,700.00                               | 6,915.93            | 6,948.93            | 6,948.93            | 112.19          | 240.86      | 91.88                 | 1,774.85                          | -5,882.72  | 3,054.27             | 2,769.23              | 285.04                  | 10.715            |                    |         |
| 10,800.00                               | 6,915.02            | 6,948.02            | 6,948.02            | 114.90          | 240.83      | 91.82                 | 1,774.85                          | -5,882.72  | 2,958.04             | 2,671.88              | 286.16                  | 10.337            |                    |         |
| 10,900.00                               | 6,914.11            | 6,947.11            | 6,947.11            | 117.61          | 240.80      | 91.75                 | 1,774.85                          | -5,882.72  | 2,862.07             | 2,574.68              | 287.39                  | 9.959             |                    |         |
| 11,000.00                               | 6,913.20            | 6,946.20            | 6,946.20            | 120.32          | 240.77      | 91.69                 | 1,774.85                          | -5,882.72  | 2,766.39             | 2,477.64              | 288.74                  | 9.581             |                    |         |
| 11,100.00                               | 6,912.28            | 6,945.28            | 6,945.28            | 123.04          | 240.74      | 91.62                 | 1,774.85                          | -5,882.72  | 2,671.02             | 2,380.78              | 290.23                  | 9.203             |                    |         |
| 11,200.00                               | 6,911.37            | 6,944.37            | 6,944.37            | 125.77          | 240.71      | 91.56                 | 1,774.85                          | -5,882.72  | 2,576.00             | 2,284.12              | 291.88                  | 8.826             |                    |         |
| 11,300.00                               | 6,910.46            | 6,943.46            | 6,943.46            | 128.50          | 240.67      | 91.50                 | 1,774.85                          | -5,882.72  | 2,481.37             | 2,187.68              | 293.69                  | 8.449             |                    |         |
| 11,400.00                               | 6,909.55            | 6,942.55            | 6,942.55            | 131.24          | 240.64      | 91.43                 | 1,774.85                          | -5,882.72  | 2,387.18             | 2,091.50              | 295.68                  | 8.073             |                    |         |
| 11,500.00                               | 6,908.64            | 6,941.64            | 6,941.64            | 133.98          | 240.61      | 91.37                 | 1,774.85                          | -5,882.72  | 2,293.48             | 1,995.59              | 297.89                  | 7.699             |                    |         |
| 11,600.00                               | 6,907.73            | 6,940.73            | 6,940.73            | 136.72          | 240.58      | 91.31                 | 1,774.85                          | -5,882.72  | 2,200.34             | 1,900.02              | 300.32                  | 7.327             |                    |         |
| 11,700.00                               | 6,906.81            | 6,939.81            | 6,939.81            | 139.47          | 240.55      | 91.24                 | 1,774.85                          | -5,882.72  | 2,107.82             | 1,804.81              | 303.01                  | 6.956             |                    |         |
| 11,800.00                               | 6,905.90            | 6,938.90            | 6,938.90            | 142.22          | 240.51      | 91.18                 | 1,774.85                          | -5,882.72  | 2,016.02             | 1,710.03              | 305.99                  | 6.588             |                    |         |
| 11,900.00                               | 6,904.99            | 6,937.99            | 6,937.99            | 144.97          | 240.48      | 91.11                 | 1,774.85                          | -5,882.72  | 1,925.04             | 1,615.74              | 309.29                  | 6.224             |                    |         |
| 12,000.00                               | 6,904.08            | 6,937.08            | 6,937.08            | 147.73          | 240.45      | 91.05                 | 1,774.85                          | -5,882.72  | 1,834.99             | 1,522.04              | 312.95                  | 5.864             |                    |         |
| 12,100.00                               | 6,903.17            | 6,936.17            | 6,936.17            | 150.49          | 240.42      | 90.99                 | 1,774.85                          | -5,882.72  | 1,746.03             | 1,429.02              | 317.01                  | 5.508             |                    |         |
| 12,200.00                               | 6,902.26            | 6,935.26            | 6,935.26            | 153.26          | 240.39      | 90.92                 | 1,774.85                          | -5,882.72  | 1,658.32             | 1,336.80              | 321.52                  | 5.158             |                    |         |
| 12,300.00                               | 6,901.34            | 6,934.34            | 6,934.34            | 156.02          | 240.36      | 90.86                 | 1,774.85                          | -5,882.72  | 1,572.08             | 1,245.55              | 326.53                  | 4.815             |                    |         |
| 12,400.00                               | 6,900.43            | 6,933.43            | 6,933.43            | 158.79          | 240.32      | 90.79                 | 1,774.85                          | -5,882.72  | 1,487.57             | 1,155.48              | 332.09                  | 4.479             |                    |         |
| 12,500.00                               | 6,899.52            | 6,932.52            | 6,932.52            | 161.56          | 240.29      | 90.73                 | 1,774.85                          | -5,882.72  | 1,405.09             | 1,066.82              | 338.27                  | 4.154             |                    |         |
| 12,600.00                               | 6,898.61            | 6,931.61            | 6,931.61            | 164.34          | 240.26      | 90.67                 | 1,774.85                          | -5,882.72  | 1,325.02             | 979.91                | 345.11                  | 3.839             |                    |         |
| 12,700.00                               | 6,897.70            | 6,930.70            | 6,930.70            | 167.11          | 240.23      | 90.60                 | 1,774.85                          | -5,882.72  | 1,247.84             | 895.17                | 352.66                  | 3.538             |                    |         |
| 12,800.00                               | 6,896.79            | 6,929.79            | 6,929.79            | 169.89          | 240.20      | 90.54                 | 1,774.85                          | -5,882.72  | 1,174.10             | 813.15                | 360.95                  | 3.253             |                    |         |
| 12,900.00                               | 6,895.87            | 6,928.87            | 6,928.87            | 172.67          | 240.16      | 90.47                 | 1,774.85                          | -5,882.72  | 1,104.50             | 734.54                | 369.96                  | 2.985             |                    |         |
| 13,000.00                               | 6,894.96            | 6,927.96            | 6,927.96            | 175.45          | 240.13      | 90.41                 | 1,774.85                          | -5,882.72  | 1,039.87             | 660.26                | 379.61                  | 2.739             |                    |         |
| 13,100.00                               | 6,894.05            | 6,927.05            | 6,927.05            | 178.23          | 240.10      | 90.35                 | 1,774.85                          | -5,882.72  | 981.18               | 591.46                | 389.73                  | 2.518             |                    |         |
| 13,200.00                               | 6,893.14            | 6,926.14            | 6,926.14            | 181.02          | 240.07      | 90.28                 | 1,774.85                          | -5,882.72  | 929.58               | 529.57                | 400.01                  | 2.324             |                    |         |
| 13,300.00                               | 6,892.23            | 6,925.23            | 6,925.23            | 183.80          | 240.04      | 90.22                 | 1,774.85                          | -5,882.72  | 886.30               | 476.29                | 410.01                  | 2.162             |                    |         |
| 13,400.00                               | 6,891.31            | 6,924.31            | 6,924.31            | 186.59          | 240.01      | 90.16                 | 1,774.85                          | -5,882.72  | 852.60               | 433.50                | 419.10                  | 2.034             |                    |         |
| 13,500.00                               | 6,890.40            | 6,923.40            | 6,923.40            | 189.38          | 239.97      | 90.09                 | 1,774.85                          | -5,882.72  | 829.65               | 403.06                | 426.60                  | 1.945             |                    |         |
| 13,600.00                               | 6,889.49            | 6,922.49            | 6,922.49            | 192.17          | 239.94      | 90.03                 | 1,774.85                          | -5,882.72  | 818.36               | 386.51                | 431.85                  | 1.895             |                    |         |
| 13,643.03                               | 6,889.10            | 6,922.10            | 6,922.10            | 193.38          | 239.93      | 90.00                 | 1,774.85                          | -5,882.72  | 817.23               | 383.93                | 433.30                  | 1.886 CC, ES      |                    |         |
| 13,700.00                               | 6,888.58            | 6,921.58            | 6,921.58            | 194.97          | 239.91      | 89.96                 | 1,774.85                          | -5,882.72  | 819.21               | 384.79                | 434.43                  | 1.886 SF          |                    |         |
| 13,800.00                               | 6,887.67            | 6,920.67            | 6,920.67            | 197.76          | 239.88      | 89.90                 | 1,774.85                          | -5,882.72  | 832.17               | 397.94                | 434.23                  | 1.916             |                    |         |
| 13,900.00                               | 6,886.76            | 6,919.76            | 6,919.76            | 200.56          | 239.85      | 89.84                 | 1,774.85                          | -5,882.72  | 856.68               | 425.18                | 431.50                  | 1.985             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00                               | 6,885.84            | 6,918.84            | 6,918.84            | 203.35          | 239.81      | 89.77                 | 1,774.85                          | -5,882.72  | 891.79               | 465.03                | 426.76                  | 2.090             |                    |         |
| 14,100.00                               | 6,884.93            | 6,917.93            | 6,917.93            | 206.15          | 239.78      | 89.71                 | 1,774.85                          | -5,882.72  | 936.31               | 515.70                | 420.61                  | 2.226             |                    |         |
| 14,200.00                               | 6,884.02            | 6,917.02            | 6,917.02            | 208.95          | 239.75      | 89.64                 | 1,774.85                          | -5,882.72  | 988.97               | 575.32                | 413.65                  | 2.391             |                    |         |
| 14,300.00                               | 6,883.11            | 6,916.11            | 6,916.11            | 211.75          | 239.72      | 89.58                 | 1,774.85                          | -5,882.72  | 1,048.54             | 642.20                | 406.34                  | 2.580             |                    |         |
| 14,400.00                               | 6,882.20            | 6,915.20            | 6,915.20            | 214.55          | 239.69      | 89.52                 | 1,774.85                          | -5,882.72  | 1,113.92             | 714.89                | 399.04                  | 2.792             |                    |         |
| 14,500.00                               | 6,881.29            | 6,914.29            | 6,914.29            | 217.35          | 239.66      | 89.45                 | 1,774.85                          | -5,882.72  | 1,184.15             | 792.18                | 391.97                  | 3.021             |                    |         |
| 14,600.00                               | 6,880.37            | 6,913.37            | 6,913.37            | 220.15          | 239.62      | 89.39                 | 1,774.85                          | -5,882.72  | 1,258.41             | 873.14                | 385.27                  | 3.266             |                    |         |
| 14,700.00                               | 6,879.46            | 6,912.46            | 6,912.46            | 222.95          | 239.59      | 89.32                 | 1,774.85                          | -5,882.72  | 1,336.02             | 957.02                | 379.00                  | 3.525             |                    |         |
| 14,800.00                               | 6,878.55            | 6,911.55            | 6,911.55            | 225.76          | 239.56      | 89.26                 | 1,774.85                          | -5,882.72  | 1,416.45             | 1,043.26              | 373.19                  | 3.795             |                    |         |
| 14,900.00                               | 6,877.64            | 6,910.64            | 6,910.64            | 228.56          | 239.53      | 89.20                 | 1,774.85                          | -5,882.72  | 1,499.24             | 1,131.40              | 367.84                  | 4.076             |                    |         |
| 15,000.00                               | 6,876.73            | 6,909.73            | 6,909.73            | 231.37          | 239.50      | 89.13                 | 1,774.85                          | -5,882.72  | 1,584.01             | 1,221.09              | 362.92                  | 4.365             |                    |         |
| 15,100.00                               | 6,875.82            | 6,908.82            | 6,908.82            | 234.18          | 239.46      | 89.07                 | 1,774.85                          | -5,882.72  | 1,670.47             | 1,312.05              | 358.41                  | 4.661             |                    |         |
| 15,200.00                               | 6,874.90            | 6,907.90            | 6,907.90            | 236.98          | 239.43      | 89.00                 | 1,774.85                          | -5,882.72  | 1,758.36             | 1,404.08              | 354.28                  | 4.963             |                    |         |
| 15,300.00                               | 6,873.99            | 6,906.99            | 6,906.99            | 239.79          | 239.40      | 88.94                 | 1,774.85                          | -5,882.72  | 1,847.48             | 1,497.00              | 350.48                  | 5.271             |                    |         |
| 15,400.00                               | 6,873.08            | 6,906.08            | 6,906.08            | 242.60          | 239.37      | 88.88                 | 1,774.85                          | -5,882.72  | 1,937.67             | 1,590.67              | 347.00                  | 5.584             |                    |         |
| 15,500.00                               | 6,872.17            | 6,905.17            | 6,905.17            | 245.41          | 239.34      | 88.81                 | 1,774.85                          | -5,882.72  | 2,028.77             | 1,684.97              | 343.80                  | 5.901             |                    |         |
| 15,600.00                               | 6,871.26            | 6,904.26            | 6,904.26            | 248.22          | 239.31      | 88.75                 | 1,774.85                          | -5,882.72  | 2,120.68             | 1,779.82              | 340.86                  | 6.222             |                    |         |
| 15,700.00                               | 6,870.35            | 6,903.35            | 6,903.35            | 251.03          | 239.27      | 88.69                 | 1,774.85                          | -5,882.72  | 2,213.29             | 1,875.14              | 338.14                  | 6.545             |                    |         |
| 15,737.91                               | 6,870.00            | 6,903.00            | 6,903.00            | 252.10          | 239.26      | 88.66                 | 1,774.85                          | -5,882.72  | 2,248.56             | 1,911.39              | 337.17                  | 6.669             |                    |         |
| 15,738.53                               | 6,869.99            | 6,902.99            | 6,902.99            | 252.11          | 239.26      | 88.66                 | 1,774.85                          | -5,882.72  | 2,249.14             | 1,911.98              | 337.16                  | 6.671             |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 20-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 15,767.23           | 7,060.91            | 3.28            | 285.77      | -1.42                 | 1,467.70                          | -36.43     | 7,256.97             |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 15,767.19           | 7,060.91            | 3.28            | 285.77      | -1.42                 | 1,467.70                          | -36.47     | 7,159.07             | 7,043.97              | 115.10                  | 62.200            |                    |         |
| 200.00                 | 200.00              | 15,767.14           | 7,060.91            | 3.34            | 285.77      | -1.43                 | 1,467.70                          | -36.52     | 7,061.22             | 6,945.81              | 115.41                  | 61.181            |                    |         |
| 300.00                 | 300.00              | 15,767.10           | 7,060.91            | 3.44            | 285.77      | -1.43                 | 1,467.69                          | -36.56     | 6,963.44             | 6,847.69              | 115.75                  | 60.159            |                    |         |
| 400.00                 | 399.98              | 15,767.79           | 7,060.91            | 3.60            | 285.79      | -37.12                | 1,467.71                          | -35.87     | 6,865.42             | 6,749.34              | 116.08                  | 59.142            |                    |         |
| 500.00                 | 499.84              | 15,769.92           | 7,060.91            | 3.81            | 285.86      | -44.43                | 1,467.77                          | -33.74     | 6,766.94             | 6,650.55              | 116.39                  | 58.142            |                    |         |
| 550.00                 | 549.68              | 15,771.54           | 7,060.91            | 3.93            | 285.92      | -48.95                | 1,467.82                          | -32.13     | 6,717.55             | 6,601.03              | 116.52                  | 57.649            |                    |         |
| 600.00                 | 599.45              | 15,773.58           | 7,060.90            | 4.06            | 285.98      | -57.22                | 1,467.87                          | -30.08     | 6,668.10             | 6,551.45              | 116.65                  | 57.161            |                    |         |
| 700.00                 | 698.71              | 15,779.15           | 7,060.90            | 4.33            | 286.17      | -73.39                | 1,468.04                          | -24.52     | 6,569.10             | 6,452.20              | 116.89                  | 56.197            |                    |         |
| 800.00                 | 797.49              | 15,786.71           | 7,060.90            | 4.64            | 286.41      | -89.14                | 1,468.26                          | -16.96     | 6,470.04             | 6,352.94              | 117.11                  | 55.249            |                    |         |
| 900.00                 | 895.68              | 15,796.26           | 7,060.89            | 4.97            | 286.73      | -103.53               | 1,468.57                          | -7.41      | 6,371.06             | 6,253.77              | 117.29                  | 54.318            |                    |         |
| 1,000.00               | 993.14              | 15,807.82           | 7,060.89            | 5.33            | 287.11      | -115.70               | 1,468.96                          | 4.15       | 6,272.26             | 6,154.82              | 117.44                  | 53.407            |                    |         |
| 1,039.84               | 1,031.75            | 15,814.00           | 7,060.88            | 5.48            | 287.31      | -119.88               | 1,469.17                          | 10.32      | 6,232.97             | 6,115.46              | 117.51                  | 53.043            |                    |         |
| 1,100.00               | 1,089.94            | 15,823.25           | 7,060.88            | 5.72            | 287.61      | -119.78               | 1,469.50                          | 19.56      | 6,173.69             | 6,056.09              | 117.60                  | 52.498            |                    |         |
| 1,200.00               | 1,186.67            | 15,840.82           | 7,060.88            | 6.13            | 288.19      | -119.61               | 1,470.09                          | 37.12      | 6,075.15             | 5,957.36              | 117.79                  | 51.578            |                    |         |
| 1,300.00               | 1,283.39            | 15,858.37           | 7,060.88            | 6.55            | 288.77      | -119.43               | 1,470.66                          | 54.66      | 5,976.61             | 5,858.63              | 117.98                  | 50.658            |                    |         |
| 1,400.00               | 1,380.12            | 15,875.90           | 7,060.88            | 6.99            | 289.34      | -119.24               | 1,471.18                          | 72.18      | 5,878.07             | 5,759.89              | 118.18                  | 49.740            |                    |         |
| 1,500.00               | 1,476.85            | 15,893.42           | 7,060.89            | 7.45            | 289.92      | -119.05               | 1,471.68                          | 89.69      | 5,779.52             | 5,661.14              | 118.38                  | 48.822            |                    |         |
| 1,600.00               | 1,573.57            | 15,910.92           | 7,060.91            | 7.90            | 290.49      | -118.86               | 1,472.14                          | 107.19     | 5,680.98             | 5,562.39              | 118.59                  | 47.905            |                    |         |
| 1,700.00               | 1,670.30            | 15,928.40           | 7,060.93            | 8.37            | 291.07      | -118.66               | 1,472.56                          | 124.67     | 5,582.43             | 5,463.63              | 118.80                  | 46.990            |                    |         |
| 1,800.00               | 1,767.03            | 15,945.87           | 7,060.96            | 8.85            | 291.64      | -118.46               | 1,472.96                          | 142.13     | 5,483.89             | 5,364.87              | 119.02                  | 46.075            |                    |         |
| 1,900.00               | 1,863.75            | 15,960.56           | 7,060.98            | 9.32            | 292.12      | -118.28               | 1,473.31                          | 156.81     | 5,385.35             | 5,266.14              | 119.21                  | 45.175            |                    |         |
| 2,000.00               | 1,960.48            | 15,976.06           | 7,061.00            | 9.81            | 292.63      | -118.09               | 1,473.71                          | 172.31     | 5,286.81             | 5,167.39              | 119.42                  | 44.271            |                    |         |
| 2,100.00               | 2,057.21            | 15,991.60           | 7,061.02            | 10.29           | 293.14      | -117.88               | 1,474.13                          | 187.84     | 5,188.29             | 5,068.65              | 119.64                  | 43.367            |                    |         |
| 2,200.00               | 2,153.93            | 16,007.16           | 7,061.03            | 10.78           | 293.66      | -117.67               | 1,474.59                          | 203.40     | 5,089.76             | 4,969.90              | 119.87                  | 42.462            |                    |         |
| 2,300.00               | 2,250.66            | 16,022.76           | 7,061.04            | 11.28           | 294.17      | -117.45               | 1,475.07                          | 218.99     | 4,991.25             | 4,871.14              | 120.11                  | 41.557            |                    |         |
| 2,400.00               | 2,347.39            | 16,039.38           | 7,061.05            | 11.77           | 294.71      | -117.20               | 1,475.61                          | 235.60     | 4,892.74             | 4,772.37              | 120.37                  | 40.648            |                    |         |
| 2,500.00               | 2,444.11            | 16,057.86           | 7,061.06            | 12.27           | 295.32      | -116.92               | 1,476.19                          | 254.07     | 4,794.23             | 4,673.56              | 120.67                  | 39.730            |                    |         |
| 2,600.00               | 2,540.84            | 16,076.27           | 7,061.07            | 12.77           | 295.93      | -116.62               | 1,476.76                          | 272.47     | 4,695.71             | 4,574.74              | 120.98                  | 38.815            |                    |         |
| 2,700.00               | 2,637.57            | 16,094.61           | 7,061.07            | 13.27           | 296.53      | -116.31               | 1,477.30                          | 290.81     | 4,597.20             | 4,475.90              | 121.30                  | 37.901            |                    |         |
| 2,800.00               | 2,734.30            | 16,112.89           | 7,061.07            | 13.78           | 297.13      | -116.00               | 1,477.81                          | 309.08     | 4,498.68             | 4,377.06              | 121.63                  | 36.988            |                    |         |
| 2,900.00               | 2,831.02            | 16,131.10           | 7,061.08            | 14.28           | 297.73      | -115.67               | 1,478.31                          | 327.28     | 4,400.16             | 4,278.20              | 121.97                  | 36.077            |                    |         |
| 3,000.00               | 2,927.75            | 16,149.24           | 7,061.08            | 14.79           | 298.32      | -115.32               | 1,478.78                          | 345.42     | 4,301.64             | 4,179.32              | 122.32                  | 35.168            |                    |         |
| 3,100.00               | 3,024.48            | 16,167.32           | 7,061.08            | 15.29           | 298.92      | -114.97               | 1,479.23                          | 363.49     | 4,203.12             | 4,080.43              | 122.68                  | 34.261            |                    |         |
| 3,200.00               | 3,121.20            | 16,175.00           | 7,061.08            | 15.80           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 4,104.61             | 3,981.69              | 122.92                  | 33.392            |                    |         |
| 3,300.00               | 3,217.93            | 16,175.00           | 7,061.08            | 16.31           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 4,006.16             | 3,883.08              | 123.08                  | 32.549            |                    |         |
| 3,400.00               | 3,314.66            | 16,175.00           | 7,061.08            | 16.82           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 3,907.79             | 3,784.54              | 123.26                  | 31.705            |                    |         |
| 3,500.00               | 3,411.38            | 16,175.00           | 7,061.08            | 17.33           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 3,809.51             | 3,686.06              | 123.45                  | 30.858            |                    |         |
| 3,600.00               | 3,508.11            | 16,175.00           | 7,061.08            | 17.84           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 3,711.32             | 3,587.65              | 123.67                  | 30.010            |                    |         |
| 3,700.00               | 3,604.84            | 16,175.00           | 7,061.08            | 18.36           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 3,613.23             | 3,489.32              | 123.91                  | 29.160            |                    |         |
| 3,800.00               | 3,701.56            | 16,175.00           | 7,061.08            | 18.87           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 3,515.25             | 3,391.07              | 124.18                  | 28.308            |                    |         |
| 3,900.00               | 3,798.29            | 16,175.00           | 7,061.08            | 19.38           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 3,417.38             | 3,292.91              | 124.47                  | 27.456            |                    |         |
| 4,000.00               | 3,895.02            | 16,175.00           | 7,061.08            | 19.89           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 3,319.64             | 3,194.85              | 124.79                  | 26.603            |                    |         |
| 4,100.00               | 3,991.74            | 16,175.00           | 7,061.08            | 20.41           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 3,222.04             | 3,096.91              | 125.13                  | 25.749            |                    |         |
| 4,200.00               | 4,088.47            | 16,175.00           | 7,061.08            | 20.92           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 3,124.59             | 2,999.08              | 125.51                  | 24.896            |                    |         |
| 4,300.00               | 4,185.20            | 16,175.00           | 7,061.08            | 21.44           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 3,027.31             | 2,901.39              | 125.91                  | 24.043            |                    |         |
| 4,400.00               | 4,281.92            | 16,175.00           | 7,061.08            | 21.95           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 2,930.20             | 2,803.86              | 126.35                  | 23.191            |                    |         |
| 4,500.00               | 4,378.65            | 16,175.00           | 7,061.08            | 22.47           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 2,833.31             | 2,706.49              | 126.82                  | 22.341            |                    |         |
| 4,600.00               | 4,475.38            | 16,175.00           | 7,061.08            | 22.99           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 2,736.63             | 2,609.30              | 127.33                  | 21.493            |                    |         |
| 4,700.00               | 4,572.10            | 16,175.00           | 7,061.08            | 23.50           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 2,640.20             | 2,512.33              | 127.87                  | 20.647            |                    |         |
| 4,800.00               | 4,668.83            | 16,175.00           | 7,061.08            | 24.02           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 2,544.05             | 2,415.59              | 128.46                  | 19.805            |                    |         |
| 4,900.00               | 4,765.56            | 16,175.00           | 7,061.08            | 24.53           | 299.17      | -114.81               | 1,479.43                          | 371.17     | 2,448.21             | 2,319.12              | 129.08                  | 18.966            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                |                |                |                 |        |                   |                        |            |                 |                  |                    |                           | Boomerang 21-5 - Orr 36C-32-M - OH - OH |         | Offset Site Error: 0.00 ft |  |
|------------------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|--------------------|---------------------------|---|---------|----------------------------|--|
| Survey Program: 20-MWD |                |                |                |                 |        |                   |                        |            |                 |                  |                    |                           | Offset Well Error: 3.28 ft              |         |                            |  |
| Reference              |                | Offset         |                | Semi Major Axis |        |                   | Distance               |            |                 |                  |                    |                           |   | Warning |                            |  |
| Measured Depth         | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |            | Between Centres | Between Ellipses | Minimum Separation | Separation Factor         |   |         |                            |  |
| (ft)                   | (ft)           | (ft)           | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft) | (ft)            | (ft)             | (ft)               |                           |   |         |                            |  |
| 5,000.00               | 4,862.28       | 16,175.00      | 7,061.08       | 25.05           | 299.17 | -114.81           | 1,479.43               | 371.17     | 2,352.71        | 2,222.96         | 129.75             | 18.132                    |   |         |                            |  |
| 5,100.00               | 4,959.01       | 16,175.00      | 7,061.08       | 25.57           | 299.17 | -114.81           | 1,479.43               | 371.17     | 2,257.60        | 2,127.13         | 130.47             | 17.304                    |   |         |                            |  |
| 5,200.00               | 5,055.74       | 16,175.00      | 7,061.08       | 26.09           | 299.17 | -114.81           | 1,479.43               | 371.17     | 2,162.94        | 2,031.71         | 131.23             | 16.482                    |   |         |                            |  |
| 5,300.00               | 5,152.46       | 16,175.00      | 7,061.08       | 26.60           | 299.17 | -114.81           | 1,479.43               | 371.17     | 2,068.77        | 1,936.73         | 132.05             | 15.667                    |   |         |                            |  |
| 5,400.00               | 5,249.19       | 16,175.00      | 7,061.08       | 27.12           | 299.17 | -114.81           | 1,479.43               | 371.17     | 1,975.18        | 1,842.27         | 132.91             | 14.861                    |   |         |                            |  |
| 5,500.00               | 5,345.92       | 16,175.00      | 7,061.08       | 27.64           | 299.17 | -114.81           | 1,479.43               | 371.17     | 1,882.25        | 1,748.42         | 133.83             | 14.064                    |   |         |                            |  |
| 5,600.00               | 5,442.65       | 16,175.00      | 7,061.08       | 28.16           | 299.17 | -114.81           | 1,479.43               | 371.17     | 1,790.08        | 1,655.27         | 134.81             | 13.279                    |   |         |                            |  |
| 5,700.00               | 5,539.37       | 16,175.00      | 7,061.08       | 28.68           | 299.17 | -114.81           | 1,479.43               | 371.17     | 1,698.80        | 1,562.96         | 135.84             | 12.506                    |   |         |                            |  |
| 5,800.00               | 5,636.10       | 16,175.00      | 7,061.08       | 29.20           | 299.17 | -114.81           | 1,479.43               | 371.17     | 1,608.55        | 1,471.64         | 136.92             | 11.748                    |   |         |                            |  |
| 5,900.00               | 5,732.83       | 16,175.00      | 7,061.08       | 29.71           | 299.17 | -114.81           | 1,479.43               | 371.17     | 1,519.53        | 1,381.49         | 138.04             | 11.008                    |   |         |                            |  |
| 6,000.00               | 5,829.55       | 16,175.00      | 7,061.08       | 30.23           | 299.17 | -114.81           | 1,479.43               | 371.17     | 1,431.95        | 1,292.76         | 139.20             | 10.287                    |   |         |                            |  |
| 6,100.00               | 5,926.28       | 16,175.00      | 7,061.08       | 30.75           | 299.17 | -114.81           | 1,479.43               | 371.17     | 1,346.11        | 1,205.74         | 140.37             | 9.590                     |   |         |                            |  |
| 6,200.00               | 6,023.01       | 16,175.00      | 7,061.08       | 31.27           | 299.17 | -114.81           | 1,479.43               | 371.17     | 1,262.36        | 1,120.84         | 141.51             | 8.920                     |   |         |                            |  |
| 6,300.00               | 6,119.73       | 16,175.00      | 7,061.08       | 31.79           | 299.17 | -114.81           | 1,479.43               | 371.17     | 1,181.13        | 1,038.55         | 142.58             | 8.284                     |   |         |                            |  |
| 6,397.75               | 6,214.28       | 16,175.00      | 7,061.08       | 32.30           | 299.17 | -114.81           | 1,479.43               | 371.17     | 1,104.71        | 961.23           | 143.48             | 7.699                     |   |         |                            |  |
| 6,400.00               | 6,216.46       | 16,175.00      | 7,061.08       | 32.31           | 299.17 | -114.15           | 1,479.43               | 371.17     | 1,102.99        | 959.49           | 143.50             | 7.686                     |   |         |                            |  |
| 6,450.00               | 6,265.12       | 16,175.00      | 7,061.08       | 32.56           | 299.17 | -96.43            | 1,479.43               | 371.17     | 1,063.96        | 920.00           | 143.97             | 7.390                     |   |         |                            |  |
| 6,500.00               | 6,314.12       | 16,175.00      | 7,061.08       | 32.78           | 299.17 | -72.98            | 1,479.43               | 371.17     | 1,023.54        | 878.98           | 144.56             | 7.080                     |   |         |                            |  |
| 6,550.00               | 6,363.16       | 16,175.00      | 7,061.08       | 32.99           | 299.17 | -48.27            | 1,479.43               | 371.17     | 981.80          | 836.49           | 145.30             | 6.757                     |   |         |                            |  |
| 6,600.00               | 6,411.94       | 16,175.00      | 7,061.08       | 33.18           | 299.17 | -27.67            | 1,479.43               | 371.17     | 938.85          | 792.59           | 146.26             | 6.419                     |   |         |                            |  |
| 6,650.00               | 6,460.15       | 16,175.00      | 7,061.08       | 33.35           | 299.17 | -11.85            | 1,479.43               | 371.17     | 894.80          | 747.33           | 147.47             | 6.068                     |   |         |                            |  |
| 6,700.00               | 6,507.49       | 16,175.00      | 7,061.08       | 33.52           | 299.17 | 1.04              | 1,479.43               | 371.17     | 849.77          | 700.75           | 149.02             | 5.702                     |   |         |                            |  |
| 6,750.00               | 6,553.69       | 16,175.00      | 7,061.08       | 33.69           | 299.17 | 12.80             | 1,479.43               | 371.17     | 803.91          | 652.91           | 151.00             | 5.324                     |   |         |                            |  |
| 6,800.00               | 6,598.44       | 16,175.00      | 7,061.08       | 33.85           | 299.17 | 24.73             | 1,479.43               | 371.17     | 757.35          | 603.85           | 153.50             | 4.934                     |   |         |                            |  |
| 6,850.00               | 6,641.47       | 16,175.00      | 7,061.08       | 34.02           | 299.17 | 37.66             | 1,479.43               | 371.17     | 710.29          | 553.62           | 156.67             | 4.534                     |   |         |                            |  |
| 6,900.00               | 6,682.53       | 16,175.00      | 7,061.08       | 34.19           | 299.17 | 51.79             | 1,479.43               | 371.17     | 662.94          | 502.27           | 160.67             | 4.126                     |   |         |                            |  |
| 6,950.00               | 6,721.35       | 16,175.00      | 7,061.08       | 34.38           | 299.17 | 66.47             | 1,479.43               | 371.17     | 615.55          | 449.87           | 165.69             | 3.715                     |   |         |                            |  |
| 7,000.00               | 6,757.70       | 16,175.00      | 7,061.08       | 34.57           | 299.17 | 80.41             | 1,479.43               | 371.17     | 568.46          | 396.48           | 171.97             | 3.306                     |   |         |                            |  |
| 7,050.00               | 6,791.35       | 16,175.00      | 7,061.08       | 34.79           | 299.17 | 92.47             | 1,479.43               | 371.17     | 522.05          | 342.25           | 179.80             | 2.904                     |   |         |                            |  |
| 7,100.00               | 6,822.10       | 16,175.00      | 7,061.08       | 35.03           | 299.17 | 102.18            | 1,479.43               | 371.17     | 476.87          | 287.40           | 189.47             | 2.517                     |   |         |                            |  |
| 7,150.00               | 6,849.75       | 16,175.00      | 7,061.08       | 35.30           | 299.17 | 109.67            | 1,479.43               | 371.17     | 433.62          | 232.35           | 201.27             | 2.154                     |   |         |                            |  |
| 7,200.00               | 6,874.14       | 16,175.00      | 7,061.08       | 35.61           | 299.17 | 115.28            | 1,479.43               | 371.17     | 393.24          | 177.90           | 215.34             | 1.826                     |   |         |                            |  |
| 7,250.00               | 6,895.11       | 16,175.00      | 7,061.08       | 35.95           | 299.17 | 119.39            | 1,479.43               | 371.17     | 357.00          | 125.55           | 231.45             | 1.542                     |   |         |                            |  |
| 7,300.00               | 6,912.54       | 16,175.00      | 7,061.08       | 36.34           | 299.17 | 122.29            | 1,479.43               | 371.17     | 326.55          | 77.93            | 248.61             | 1.313 Level 3             |   |         |                            |  |
| 7,350.00               | 6,926.31       | 16,175.00      | 7,061.08       | 36.77           | 299.17 | 124.18            | 1,479.43               | 371.17     | 303.82          | 39.14            | 264.68             | 1.148 Level 2             |   |         |                            |  |
| 7,400.00               | 6,936.35       | 16,175.00      | 7,061.08       | 37.25           | 299.17 | 125.21            | 1,479.43               | 371.17     | 290.80          | 14.33            | 276.47             | 1.052 Level 2             |   |         |                            |  |
| 7,450.00               | 6,942.59       | 16,138.84      | 7,061.08       | 37.76           | 297.98 | 124.92            | 1,478.51               | 335.02     | 286.64          | 6.79             | 279.84             | 1.024 Level 2             |   |         |                            |  |
| 7,494.99               | 6,944.93       | 16,093.20      | 7,061.07       | 38.25           | 296.48 | 124.61            | 1,477.26               | 289.40     | 285.55          | 5.32             | 280.23             | 1.019 Level 2, CC, ES, SF |   |         |                            |  |
| 7,500.00               | 6,944.99       | 16,088.11      | 7,061.07       | 38.31           | 296.31 | 124.59            | 1,477.11               | 284.31     | 285.56          | 5.37             | 280.19             | 1.019 Level 2             |   |         |                            |  |
| 7,512.10               | 6,945.00       | 16,075.81      | 7,061.07       | 38.44           | 295.91 | 124.56            | 1,476.74               | 272.02     | 285.71          | 5.68             | 280.02             | 1.020 Level 2             |   |         |                            |  |
| 7,600.00               | 6,944.19       | 15,988.34      | 7,061.01       | 39.51           | 293.04 | 124.53            | 1,474.04               | 184.59     | 287.24          | 8.56             | 278.68             | 1.031 Level 2             |   |         |                            |  |
| 7,700.00               | 6,943.28       | 15,888.43      | 7,060.89       | 40.90           | 289.75 | 124.42            | 1,471.54               | 84.71      | 289.43          | 11.96            | 277.47             | 1.043 Level 2             |   |         |                            |  |
| 7,800.00               | 6,942.37       | 15,787.86      | 7,060.90       | 42.44           | 286.45 | 124.41            | 1,468.30               | -15.81     | 291.10          | 15.06            | 276.04             | 1.055 Level 2             |   |         |                            |  |
| 7,900.00               | 6,941.46       | 15,690.40      | 7,060.95       | 44.11           | 283.25 | 124.32            | 1,466.02               | -113.24    | 293.52          | 18.27            | 275.25             | 1.066 Level 2             |   |         |                            |  |
| 8,000.00               | 6,940.55       | 15,589.60      | 7,061.00       | 45.90           | 279.94 | 124.22            | 1,463.71               | -214.01    | 295.98          | 21.70            | 274.29             | 1.079 Level 2             |   |         |                            |  |
| 8,100.00               | 6,939.64       | 15,488.62      | 7,061.03       | 47.80           | 276.62 | 124.14            | 1,461.19               | -314.96    | 298.27          | 24.93            | 273.34             | 1.091 Level 2             |   |         |                            |  |
| 8,200.00               | 6,938.72       | 15,387.20      | 7,060.93       | 49.79           | 273.30 | 124.10            | 1,458.08               | -416.34    | 300.01          | 27.70            | 272.31             | 1.102 Level 2             |   |         |                            |  |
| 8,300.00               | 6,937.81       | 15,289.77      | 7,060.79       | 51.86           | 270.10 | 124.05            | 1,455.14               | -513.72    | 301.77          | 30.05            | 271.72             | 1.111 Level 2             |   |         |                            |  |
| 8,400.00               | 6,936.90       | 15,198.67      | 7,060.20       | 54.01           | 267.10 | 123.69            | 1,454.70               | -604.81    | 305.38          | 32.93            | 272.45             | 1.121 Level 2             |   |         |                            |  |
| 8,500.00               | 6,935.99       | 15,081.17      | 7,058.99       | 56.21           | 263.24 | 123.05            | 1,455.32               | -722.28    | 309.92          | 37.99            | 271.92             | 1.140 Level 2             |   |         |                            |  |
| 8,600.00               | 6,935.08       | 14,974.16      | 7,055.15       | 58.47           | 259.75 | 122.67            | 1,449.70               | -829.07    | 307.89          | 36.55            | 271.34             | 1.135 Level 2             |   |         |                            |  |
| 8,700.00               | 6,934.17       | 14,873.17      | 7,051.62       | 60.78           | 256.47 | 122.44            | 1,443.31               | -929.79    | 305.06          | 33.99            | 271.07             | 1.125 Level 2             |   |         |                            |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 20-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00               | 6,933.25            | 14,776.55           | 7,048.24            | 63.13           | 253.33      | 122.16                | 1,437.67                          | -1,026.19  | 302.64               | 31.16                 | 271.48                  | 1.115 Level 2     |                    |         |
| 8,900.00               | 6,932.34            | 14,680.85           | 7,045.75            | 65.52           | 250.21      | 121.91                | 1,433.07                          | -1,121.75  | 301.57               | 29.69                 | 271.88                  | 1.109 Level 2     |                    |         |
| 8,987.54               | 6,931.54            | 14,594.56           | 7,043.93            | 67.65           | 247.39      | 121.71                | 1,429.48                          | -1,207.94  | 301.37               | 29.42                 | 271.95                  | 1.108 Level 2     |                    |         |
| 9,000.00               | 6,931.43            | 14,582.73           | 7,043.71            | 67.95           | 247.01      | 121.68                | 1,429.02                          | -1,219.76  | 301.38               | 29.38                 | 272.00                  | 1.108 Level 2     |                    |         |
| 9,100.00               | 6,930.52            | 14,485.90           | 7,043.23            | 70.40           | 243.85      | 121.66                | 1,425.43                          | -1,316.52  | 302.37               | 30.64                 | 271.72                  | 1.113 Level 2     |                    |         |
| 9,200.00               | 6,929.61            | 14,381.77           | 7,043.65            | 72.89           | 240.46      | 121.90                | 1,420.41                          | -1,420.53  | 302.87               | 32.79                 | 270.08                  | 1.121 Level 2     |                    |         |
| 9,300.00               | 6,928.69            | 14,278.36           | 7,044.03            | 75.40           | 237.11      | 122.27                | 1,414.07                          | -1,523.74  | 302.28               | 34.10                 | 268.18                  | 1.127 Level 2     |                    |         |
| 9,400.00               | 6,927.78            | 14,174.34           | 7,044.18            | 77.93           | 233.75      | 122.76                | 1,406.21                          | -1,627.46  | 300.36               | 34.48                 | 265.88                  | 1.130 Level 2     |                    |         |
| 9,500.00               | 6,926.87            | 14,073.09           | 7,044.34            | 80.48           | 230.49      | 123.37                | 1,397.32                          | -1,728.32  | 297.44               | 33.84                 | 263.60                  | 1.128 Level 2     |                    |         |
| 9,600.00               | 6,925.96            | 13,973.76           | 7,044.51            | 83.05           | 227.30      | 123.99                | 1,388.60                          | -1,827.26  | 294.57               | 33.01                 | 261.56                  | 1.126 Level 2     |                    |         |
| 9,700.00               | 6,925.05            | 13,877.29           | 7,044.72            | 85.64           | 224.20      | 124.54                | 1,380.76                          | -1,923.42  | 292.31               | 32.26                 | 260.05                  | 1.124 Level 2     |                    |         |
| 9,800.00               | 6,924.14            | 13,780.36           | 7,045.01            | 88.25           | 221.07      | 124.94                | 1,374.38                          | -2,020.13  | 291.38               | 32.53                 | 258.85                  | 1.126 Level 2     |                    |         |
| 9,836.24               | 6,923.81            | 13,745.48           | 7,045.14            | 89.20           | 219.95      | 125.06                | 1,372.34                          | -2,054.95  | 291.27               | 32.77                 | 258.50                  | 1.127 Level 2     |                    |         |
| 9,900.00               | 6,923.22            | 13,685.29           | 7,045.35            | 90.86           | 218.00      | 125.20                | 1,369.47                          | -2,115.08  | 291.66               | 33.46                 | 258.21                  | 1.130 Level 2     |                    |         |
| 10,000.00              | 6,922.31            | 13,588.21           | 7,045.76            | 93.50           | 214.84      | 125.26                | 1,366.23                          | -2,212.10  | 293.48               | 35.65                 | 257.83                  | 1.138 Level 2     |                    |         |
| 10,100.00              | 6,921.40            | 13,493.11           | 7,046.17            | 96.14           | 211.75      | 125.18                | 1,364.39                          | -2,307.18  | 296.45               | 38.46                 | 257.99                  | 1.149 Level 2     |                    |         |
| 10,200.00              | 6,920.49            | 13,390.09           | 7,046.23            | 98.79           | 208.39      | 124.92                | 1,363.40                          | -2,410.19  | 300.00               | 42.03                 | 257.96                  | 1.163 Level 2     |                    |         |
| 10,300.00              | 6,919.58            | 13,298.23           | 7,046.38            | 101.45          | 205.39      | 124.66                | 1,362.95                          | -2,502.05  | 304.03               | 45.26                 | 258.77                  | 1.175 Level 2     |                    |         |
| 10,400.00              | 6,918.67            | 13,199.86           | 7,046.62            | 104.13          | 202.17      | 124.20                | 1,364.48                          | -2,600.40  | 309.76               | 50.15                 | 259.62                  | 1.193 Level 2     |                    |         |
| 10,500.00              | 6,917.75            | 13,094.00           | 7,046.92            | 106.81          | 198.72      | 123.81                | 1,365.28                          | -2,706.26  | 314.89               | 55.10                 | 259.79                  | 1.212 Level 2     |                    |         |
| 10,600.00              | 6,916.84            | 12,983.84           | 7,047.24            | 109.50          | 195.15      | 123.78                | 1,362.40                          | -2,816.37  | 317.21               | 58.64                 | 258.57                  | 1.227 Level 2     |                    |         |
| 10,700.00              | 6,915.93            | 12,880.68           | 7,047.42            | 112.19          | 191.83      | 124.02                | 1,356.94                          | -2,919.39  | 317.24               | 60.00                 | 257.24                  | 1.233 Level 2     |                    |         |
| 10,717.05              | 6,915.78            | 12,864.04           | 7,047.43            | 112.65          | 191.30      | 124.06                | 1,356.04                          | -2,936.00  | 317.23               | 60.11                 | 257.12                  | 1.234 Level 2     |                    |         |
| 10,800.00              | 6,915.02            | 12,781.95           | 7,047.45            | 114.90          | 188.66      | 124.20                | 1,351.96                          | -3,017.99  | 317.42               | 60.92                 | 256.50                  | 1.238 Level 2     |                    |         |
| 10,900.00              | 6,914.11            | 12,678.43           | 7,047.51            | 117.61          | 185.34      | 124.43                | 1,346.46                          | -3,121.36  | 317.40               | 62.23                 | 255.17                  | 1.244 Level 2     |                    |         |
| 11,000.00              | 6,913.20            | 12,575.94           | 7,047.61            | 120.32          | 182.07      | 124.84                | 1,339.17                          | -3,223.59  | 315.91               | 62.46                 | 253.44                  | 1.246 Level 2     |                    |         |
| 11,100.00              | 6,912.28            | 12,472.83           | 7,047.74            | 123.04          | 178.80      | 125.34                | 1,331.22                          | -3,326.40  | 313.98               | 62.54                 | 251.44                  | 1.249 Level 2     |                    |         |
| 11,200.00              | 6,911.37            | 12,370.80           | 7,047.97            | 125.77          | 175.58      | 126.00                | 1,321.92                          | -3,428.01  | 310.97               | 61.87                 | 249.10                  | 1.248 Level 2     |                    |         |
| 11,296.63              | 6,910.49            | 12,284.20           | 7,047.67            | 128.41          | 172.83      | 126.33                | 1,315.55                          | -3,514.36  | 309.18               | 60.17                 | 249.01                  | 1.242 Level 2     |                    |         |
| 11,300.00              | 6,910.46            | 12,281.23           | 7,047.63            | 128.50          | 172.73      | 126.33                | 1,315.42                          | -3,517.32  | 309.18               | 60.14                 | 249.04                  | 1.241 Level 2     |                    |         |
| 11,400.00              | 6,909.55            | 12,187.62           | 7,045.86            | 131.24          | 169.73      | 125.95                | 1,313.33                          | -3,610.89  | 310.51               | 60.25                 | 250.27                  | 1.241 Level 2     |                    |         |
| 11,500.00              | 6,908.64            | 12,079.02           | 7,043.06            | 133.98          | 166.24      | 125.37                | 1,311.20                          | -3,719.42  | 311.73               | 61.14                 | 250.60                  | 1.244 Level 2     |                    |         |
| 11,600.00              | 6,907.73            | 11,972.07           | 7,040.46            | 136.72          | 162.85      | 125.25                | 1,305.06                          | -3,826.16  | 309.92               | 60.16                 | 249.76                  | 1.241 Level 2     |                    |         |
| 11,700.00              | 6,906.81            | 11,874.27           | 7,038.28            | 139.47          | 159.77      | 125.30                | 1,298.28                          | -3,923.70  | 307.27               | 57.72                 | 249.55                  | 1.231 Level 2     |                    |         |
| 11,768.43              | 6,906.19            | 11,812.24           | 7,037.51            | 141.35          | 157.81      | 125.34                | 1,294.77                          | -3,985.63  | 306.56               | 56.64                 | 249.92                  | 1.227 Level 2     |                    |         |
| 11,800.00              | 6,905.90            | 11,783.41           | 7,037.39            | 142.22          | 156.89      | 125.36                | 1,293.50                          | -4,014.42  | 306.71               | 56.67                 | 250.04                  | 1.227 Level 2     |                    |         |
| 11,900.00              | 6,904.99            | 11,690.66           | 7,036.91            | 144.97          | 153.94      | 125.17                | 1,291.45                          | -4,107.15  | 308.89               | 58.10                 | 250.79                  | 1.232 Level 2     |                    |         |
| 12,000.00              | 6,904.08            | 11,592.62           | 7,036.55            | 147.73          | 150.81      | 124.84                | 1,290.79                          | -4,205.19  | 312.44               | 61.02                 | 251.42                  | 1.243 Level 2     |                    |         |
| 12,100.00              | 6,903.17            | 11,493.26           | 7,036.52            | 150.49          | 147.64      | 124.52                | 1,290.62                          | -4,304.55  | 316.59               | 64.65                 | 251.94                  | 1.257 Level 3     |                    |         |
| 12,200.00              | 6,902.26            | 11,389.95           | 7,036.55            | 153.26          | 144.35      | 124.31                | 1,289.30                          | -4,407.84  | 319.87               | 68.00                 | 251.87                  | 1.270 Level 3     |                    |         |
| 12,300.00              | 6,901.34            | 11,290.50           | 7,036.75            | 156.02          | 141.20      | 124.17                | 1,287.72                          | -4,507.29  | 323.00               | 71.07                 | 251.93                  | 1.282 Level 3     |                    |         |
| 12,400.00              | 6,900.43            | 11,190.83           | 7,035.90            | 158.79          | 138.05      | 123.81                | 1,286.83                          | -4,606.95  | 326.12               | 73.62                 | 252.50                  | 1.292 Level 3     |                    |         |
| 12,500.00              | 6,899.52            | 11,088.11           | 7,034.31            | 161.56          | 134.81      | 123.30                | 1,286.37                          | -4,709.65  | 329.25               | 76.05                 | 253.20                  | 1.300 Level 3     |                    |         |
| 12,600.00              | 6,898.61            | 10,984.76           | 7,032.57            | 164.34          | 131.56      | 122.94                | 1,284.22                          | -4,812.96  | 330.95               | 77.46                 | 253.49                  | 1.306 Level 3     |                    |         |
| 12,700.00              | 6,897.70            | 10,884.60           | 7,031.02            | 167.11          | 128.44      | 122.66                | 1,281.58                          | -4,913.08  | 332.28               | 78.45                 | 253.83                  | 1.309 Level 3     |                    |         |
| 12,800.00              | 6,896.79            | 10,787.69           | 7,029.59            | 169.89          | 125.42      | 122.37                | 1,279.41                          | -5,009.95  | 333.99               | 79.52                 | 254.46                  | 1.313 Level 3     |                    |         |
| 12,900.00              | 6,895.87            | 10,672.19           | 7,027.10            | 172.67          | 121.85      | 122.01                | 1,275.65                          | -5,125.35  | 334.55               | 80.99                 | 253.56                  | 1.319 Level 3     |                    |         |
| 13,000.00              | 6,894.96            | 10,552.61           | 7,024.16            | 175.45          | 118.29      | 122.36                | 1,263.48                          | -5,244.23  | 328.96               | 78.93                 | 250.03                  | 1.316 Level 3     |                    |         |
| 13,100.00              | 6,894.05            | 10,451.13           | 7,022.27            | 178.23          | 115.35      | 123.24                | 1,248.11                          | -5,344.53  | 319.53               | 72.01                 | 247.52                  | 1.291 Level 3     |                    |         |
| 13,200.00              | 6,893.14            | 10,359.29           | 7,021.42            | 181.02          | 112.70      | 124.04                | 1,236.01                          | -5,435.56  | 312.33               | 65.71                 | 246.62                  | 1.266 Level 3     |                    |         |
| 13,300.00              | 6,892.23            | 10,266.92           | 7,020.89            | 183.80          | 110.01      | 124.76                | 1,225.29                          | -5,527.30  | 306.77               | 61.09                 | 245.68                  | 1.249 Level 2     |                    |         |
| 13,400.00              | 6,891.31            | 10,178.21           | 7,021.71            | 186.59          | 107.41      | 125.32                | 1,218.33                          | -5,615.73  | 305.14               | 59.77                 | 245.37                  | 1.244 Level 2     |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 20-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 13,407.65              | 6,891.25            | 10,170.95           | 7,021.81            | 186.81          | 107.20      | 125.36                | 1,217.87                          | -5,622.97  | 305.13               | 59.84                 | 245.29                  | 1.244             | Level 2            |         |
| 13,500.00              | 6,890.40            | 10,081.96           | 7,023.26            | 189.38          | 104.58      | 125.79                | 1,212.92                          | -5,711.81  | 305.78               | 61.43                 | 244.35                  | 1.251             | Level 3            |         |
| 13,600.00              | 6,889.49            | 9,985.59            | 7,025.11            | 192.17          | 101.76      | 126.23                | 1,208.23                          | -5,808.05  | 307.25               | 63.88                 | 243.37                  | 1.262             | Level 3            |         |
| 13,700.00              | 6,888.58            | 9,893.42            | 7,026.90            | 194.97          | 99.05       | 126.40                | 1,206.01                          | -5,900.17  | 310.73               | 67.42                 | 243.31                  | 1.277             | Level 3            |         |
| 13,800.00              | 6,887.67            | 9,801.76            | 7,028.67            | 197.76          | 96.35       | 126.23                | 1,206.92                          | -5,991.80  | 316.92               | 72.93                 | 244.00                  | 1.299             | Level 3            |         |
| 13,900.00              | 6,886.76            | 9,706.48            | 7,030.31            | 200.56          | 93.53       | 125.75                | 1,210.55                          | -6,087.00  | 325.27               | 80.08                 | 245.19                  | 1.327             | Level 3            |         |
| 14,000.00              | 6,885.84            | 9,609.53            | 7,030.77            | 203.35          | 90.68       | 124.96                | 1,215.81                          | -6,183.80  | 334.26               | 87.22                 | 247.05                  | 1.353             | Level 3            |         |
| 14,100.00              | 6,884.93            | 9,510.95            | 7,030.88            | 206.15          | 87.80       | 124.00                | 1,222.75                          | -6,282.14  | 344.45               | 95.22                 | 249.23                  | 1.382             | Level 3            |         |
| 14,200.00              | 6,884.02            | 9,404.62            | 7,030.95            | 208.95          | 84.75       | 123.15                | 1,228.70                          | -6,388.30  | 353.50               | 102.59                | 250.91                  | 1.409             | Level 3            |         |
| 14,300.00              | 6,883.11            | 9,297.90            | 7,030.73            | 211.75          | 81.76       | 122.51                | 1,232.24                          | -6,494.96  | 360.55               | 108.52                | 252.03                  | 1.431             | Level 3            |         |
| 14,400.00              | 6,882.20            | 9,202.00            | 7,029.75            | 214.55          | 79.13       | 121.89                | 1,235.03                          | -6,590.81  | 366.88               | 113.37                | 253.51                  | 1.447             | Level 3            |         |
| 14,500.00              | 6,881.29            | 9,097.56            | 7,029.00            | 217.35          | 76.33       | 121.23                | 1,238.64                          | -6,695.18  | 373.87               | 119.11                | 254.76                  | 1.468             | Level 3            |         |
| 14,600.00              | 6,880.37            | 8,987.16            | 7,028.05            | 220.15          | 73.51       | 120.78                | 1,239.42                          | -6,805.57  | 378.46               | 123.18                | 255.28                  | 1.483             | Level 3            |         |
| 14,700.00              | 6,879.46            | 8,875.27            | 7,026.84            | 222.95          | 70.83       | 120.58                | 1,236.57                          | -6,917.42  | 380.17               | 125.08                | 255.09                  | 1.490             | Level 3            |         |
| 14,800.00              | 6,878.55            | 8,766.55            | 7,025.73            | 225.76          | 68.43       | 120.70                | 1,229.70                          | -7,025.91  | 378.60               | 124.26                | 254.34                  | 1.489             | Level 3            |         |
| 14,900.00              | 6,877.64            | 8,668.73            | 7,025.61            | 228.56          | 66.43       | 121.02                | 1,222.39                          | -7,123.45  | 376.55               | 122.52                | 254.03                  | 1.482             | Level 3            |         |
| 15,000.00              | 6,876.73            | 8,566.67            | 7,026.26            | 231.37          | 64.52       | 121.45                | 1,214.90                          | -7,225.23  | 375.03               | 121.80                | 253.24                  | 1.481             | Level 3            |         |
| 15,100.00              | 6,875.82            | 8,459.71            | 7,027.34            | 234.18          | 62.76       | 122.14                | 1,204.70                          | -7,331.70  | 371.84               | 120.31                | 251.54                  | 1.478             | Level 3            |         |
| 15,200.00              | 6,874.90            | 8,357.58            | 7,028.18            | 236.98          | 61.31       | 122.92                | 1,193.46                          | -7,433.20  | 367.37               | 117.29                | 250.08                  | 1.469             | Level 3            |         |
| 15,300.00              | 6,873.99            | 8,258.09            | 7,029.08            | 239.79          | 60.11       | 123.73                | 1,182.26                          | -7,532.05  | 362.80               | 114.00                | 248.80                  | 1.458             | Level 3            |         |
| 15,400.00              | 6,873.08            | 8,161.12            | 7,029.88            | 242.60          | 59.11       | 124.48                | 1,171.88                          | -7,628.47  | 358.71               | 110.84                | 247.87                  | 1.447             | Level 3            |         |
| 15,500.00              | 6,872.17            | 8,066.86            | 7,030.63            | 245.41          | 58.29       | 125.12                | 1,162.88                          | -7,722.30  | 355.64               | 108.26                | 247.38                  | 1.438             | Level 3            |         |
| 15,600.00              | 6,871.26            | 7,957.86            | 7,031.18            | 248.22          | 57.53       | 125.83                | 1,152.38                          | -7,830.78  | 352.36               | 106.43                | 245.93                  | 1.433             | Level 3            |         |
| 15,700.00              | 6,870.35            | 7,849.80            | 7,030.30            | 251.03          | 57.00       | 126.57                | 1,139.97                          | -7,938.12  | 346.87               | 102.31                | 244.57                  | 1.418             | Level 3            |         |
| 15,737.91              | 6,870.00            | 7,805.43            | 7,028.57            | 252.10          | 56.82       | 126.72                | 1,134.61                          | -7,982.13  | 343.92               | 99.77                 | 244.15                  | 1.409             | Level 3            |         |
| 15,738.53              | 6,869.99            | 7,804.71            | 7,028.53            | 252.11          | 56.82       | 126.72                | 1,134.52                          | -7,982.85  | 343.86               | 99.72                 | 244.15                  | 1.408             | Level 3            |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 20-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 2,239.00            | 2,159.58            | 3.28            | 14.67       | -72.03                | 2,626.73                          | -8,098.42  | 8,793.55             |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 2,273.76            | 2,192.16            | 3.28            | 14.96       | -72.09                | 2,615.77                          | -8,093.24  | 8,768.87             | 8,752.02              | 16.85                   | 520.352           |                    |         |
| 200.00                 | 200.00              | 2,328.00            | 2,242.99            | 3.34            | 15.41       | -72.19                | 2,598.35                          | -8,085.80  | 8,744.97             | 8,727.71              | 17.26                   | 506.721           |                    |         |
| 300.00                 | 300.00              | 2,328.00            | 2,242.99            | 3.44            | 15.41       | -72.19                | 2,598.35                          | -8,085.80  | 8,721.68             | 8,704.35              | 17.33                   | 503.236           |                    |         |
| 400.00                 | 399.98              | 2,388.21            | 2,299.40            | 3.60            | 15.91       | -102.89               | 2,578.71                          | -8,078.26  | 8,699.40             | 8,681.51              | 17.89                   | 486.268           |                    |         |
| 500.00                 | 499.84              | 2,437.69            | 2,345.76            | 3.81            | 16.32       | -103.41               | 2,562.42                          | -8,072.48  | 8,678.54             | 8,660.12              | 18.42                   | 471.163           |                    |         |
| 550.00                 | 549.68              | 2,469.29            | 2,375.37            | 3.93            | 16.59       | -103.68               | 2,551.96                          | -8,068.89  | 8,668.59             | 8,649.84              | 18.75                   | 462.281           |                    |         |
| 600.00                 | 599.45              | 2,507.00            | 2,410.69            | 4.06            | 16.90       | -106.24               | 2,539.45                          | -8,064.71  | 8,659.05             | 8,639.91              | 19.14                   | 452.410           |                    |         |
| 700.00                 | 698.71              | 2,686.00            | 2,578.52            | 4.33            | 18.39       | -109.91               | 2,481.03                          | -8,043.24  | 8,640.60             | 8,619.90              | 20.70                   | 417.418           |                    |         |
| 800.00                 | 797.49              | 2,738.58            | 2,627.84            | 4.64            | 18.83       | -112.08               | 2,464.06                          | -8,036.62  | 8,623.80             | 8,602.42              | 21.38                   | 403.441           |                    |         |
| 900.00                 | 895.68              | 2,775.00            | 2,662.03            | 4.97            | 19.14       | -113.59               | 2,452.26                          | -8,032.37  | 8,609.50             | 8,587.53              | 21.97                   | 391.845           |                    |         |
| 1,000.00               | 993.14              | 2,811.46            | 2,696.27            | 5.33            | 19.44       | -114.74               | 2,440.37                          | -8,028.37  | 8,597.67             | 8,575.07              | 22.61                   | 380.298           |                    |         |
| 1,039.84               | 1,031.75            | 2,827.04            | 2,710.89            | 5.48            | 19.57       | -115.12               | 2,435.24                          | -8,026.73  | 8,593.65             | 8,570.77              | 22.88                   | 375.639           |                    |         |
| 1,100.00               | 1,089.94            | 2,865.00            | 2,746.50            | 5.72            | 19.89       | -115.25               | 2,422.66                          | -8,022.94  | 8,588.04             | 8,564.63              | 23.40                   | 366.970           |                    |         |
| 1,200.00               | 1,186.67            | 2,920.12            | 2,798.19            | 6.13            | 20.35       | -115.44               | 2,404.29                          | -8,017.60  | 8,579.15             | 8,554.91              | 24.24                   | 353.914           |                    |         |
| 1,300.00               | 1,283.39            | 3,012.44            | 2,884.78            | 6.55            | 21.12       | -115.75               | 2,373.56                          | -8,008.62  | 8,570.59             | 8,545.21              | 25.38                   | 337.714           |                    |         |
| 1,400.00               | 1,380.12            | 3,092.79            | 2,960.14            | 6.99            | 21.79       | -116.03               | 2,346.81                          | -8,000.77  | 8,562.29             | 8,535.84              | 26.44                   | 323.792           |                    |         |
| 1,500.00               | 1,476.85            | 3,205.15            | 3,065.54            | 7.45            | 22.73       | -116.41               | 2,309.44                          | -7,989.78  | 8,554.31             | 8,526.55              | 27.77                   | 308.085           |                    |         |
| 1,600.00               | 1,573.57            | 3,334.75            | 3,187.08            | 7.90            | 23.83       | -116.85               | 2,266.56                          | -7,976.13  | 8,545.97             | 8,516.74              | 29.23                   | 292.373           |                    |         |
| 1,700.00               | 1,670.30            | 3,378.68            | 3,228.30            | 8.37            | 24.20       | -117.00               | 2,252.08                          | -7,971.56  | 8,538.13             | 8,508.07              | 30.06                   | 284.055           |                    |         |
| 1,800.00               | 1,767.03            | 4,028.00            | 3,837.19            | 8.85            | 29.73       | -119.13               | 2,048.13                          | -7,878.25  | 8,525.54             | 8,490.29              | 35.25                   | 241.873           |                    |         |
| 1,900.00               | 1,863.75            | 4,028.00            | 3,837.19            | 9.32            | 29.73       | -119.13               | 2,048.13                          | -7,878.25  | 8,513.18             | 8,477.39              | 35.78                   | 237.913           |                    |         |
| 2,000.00               | 1,960.48            | 4,065.89            | 3,872.75            | 9.81            | 30.05       | -119.25               | 2,036.71                          | -7,871.92  | 8,501.66             | 8,465.07              | 36.59                   | 232.366           |                    |         |
| 2,100.00               | 2,057.21            | 4,117.00            | 3,920.77            | 10.29           | 30.49       | -119.42               | 2,020.98                          | -7,864.20  | 8,491.28             | 8,453.79              | 37.49                   | 226.486           |                    |         |
| 2,200.00               | 2,153.93            | 4,117.00            | 3,920.77            | 10.78           | 30.49       | -119.42               | 2,020.98                          | -7,864.20  | 8,481.49             | 8,443.46              | 38.04                   | 222.975           |                    |         |
| 2,300.00               | 2,250.66            | 4,151.62            | 3,953.29            | 11.28           | 30.78       | -119.54               | 2,010.13                          | -7,859.40  | 8,472.73             | 8,433.89              | 38.84                   | 218.144           |                    |         |
| 2,400.00               | 2,347.39            | 4,208.00            | 4,006.19            | 11.77           | 31.26       | -119.73               | 1,992.08                          | -7,851.99  | 8,464.73             | 8,424.93              | 39.81                   | 212.645           |                    |         |
| 2,500.00               | 2,444.11            | 4,272.50            | 4,066.65            | 12.27           | 31.82       | -119.94               | 1,971.19                          | -7,843.78  | 8,457.31             | 8,416.46              | 40.84                   | 207.060           |                    |         |
| 2,600.00               | 2,540.84            | 4,386.89            | 4,173.89            | 12.77           | 32.80       | -120.33               | 1,934.21                          | -7,828.99  | 8,450.06             | 8,407.80              | 42.26                   | 199.945           |                    |         |
| 2,700.00               | 2,637.57            | 4,753.40            | 4,517.52            | 13.27           | 35.96       | -121.55               | 1,819.37                          | -7,773.96  | 8,441.55             | 8,396.05              | 45.50                   | 185.517           |                    |         |
| 2,800.00               | 2,734.30            | 4,791.91            | 4,553.62            | 13.78           | 36.30       | -121.68               | 1,807.53                          | -7,767.62  | 8,432.11             | 8,385.75              | 46.36                   | 181.888           |                    |         |
| 2,900.00               | 2,831.02            | 4,833.00            | 4,592.12            | 14.28           | 36.65       | -121.81               | 1,794.78                          | -7,761.06  | 8,423.38             | 8,376.15              | 47.23                   | 178.330           |                    |         |
| 3,000.00               | 2,927.75            | 4,900.50            | 4,655.36            | 14.79           | 37.24       | -122.04               | 1,773.62                          | -7,750.61  | 8,415.26             | 8,366.95              | 48.31                   | 174.192           |                    |         |
| 3,100.00               | 3,024.48            | 4,973.86            | 4,724.07            | 15.29           | 37.87       | -122.28               | 1,750.45                          | -7,739.47  | 8,407.64             | 8,358.20              | 49.43                   | 170.078           |                    |         |
| 3,200.00               | 3,121.20            | 5,035.93            | 4,782.22            | 15.80           | 38.41       | -122.49               | 1,730.84                          | -7,730.13  | 8,400.43             | 8,349.96              | 50.48                   | 166.418           |                    |         |
| 3,300.00               | 3,217.93            | 5,081.97            | 4,825.36            | 16.31           | 38.81       | -122.65               | 1,716.25                          | -7,723.43  | 8,393.90             | 8,342.50              | 51.40                   | 163.290           |                    |         |
| 3,400.00               | 3,314.66            | 5,133.18            | 4,873.39            | 16.82           | 39.25       | -122.82               | 1,699.98                          | -7,716.22  | 8,388.06             | 8,335.69              | 52.37                   | 160.162           |                    |         |
| 3,500.00               | 3,411.38            | 5,191.00            | 4,927.63            | 17.33           | 39.75       | -123.02               | 1,681.59                          | -7,708.31  | 8,382.86             | 8,329.46              | 53.39                   | 157.008           |                    |         |
| 3,600.00               | 3,508.11            | 5,246.38            | 4,979.63            | 17.84           | 40.23       | -123.21               | 1,664.03                          | -7,700.92  | 8,378.25             | 8,323.86              | 54.39                   | 154.036           |                    |         |
| 3,700.00               | 3,604.84            | 5,305.01            | 5,034.73            | 18.36           | 40.73       | -123.40               | 1,645.50                          | -7,693.29  | 8,374.23             | 8,318.82              | 55.42                   | 151.110           |                    |         |
| 3,800.00               | 3,701.56            | 5,370.00            | 5,095.76            | 18.87           | 41.28       | -123.63               | 1,624.73                          | -7,685.09  | 8,370.80             | 8,314.31              | 56.50                   | 148.166           |                    |         |
| 3,900.00               | 3,798.29            | 5,418.73            | 5,141.51            | 19.38           | 41.70       | -123.79               | 1,609.04                          | -7,679.14  | 8,367.97             | 8,310.52              | 57.45                   | 145.651           |                    |         |
| 4,000.00               | 3,895.02            | 5,478.63            | 5,197.78            | 19.89           | 42.21       | -124.00               | 1,589.77                          | -7,672.04  | 8,365.76             | 8,307.27              | 58.49                   | 143.017           |                    |         |
| 4,100.00               | 3,991.74            | 5,567.71            | 5,281.57            | 20.41           | 42.96       | -124.30               | 1,561.40                          | -7,661.58  | 8,364.01             | 8,304.25              | 59.76                   | 139.952           |                    |         |
| 4,200.00               | 4,088.47            | 5,639.00            | 5,348.59            | 20.92           | 43.57       | -124.55               | 1,538.67                          | -7,653.00  | 8,362.35             | 8,301.45              | 60.89                   | 137.325           |                    |         |
| 4,300.00               | 4,185.20            | 5,688.43            | 5,395.04            | 21.44           | 43.99       | -124.72               | 1,522.77                          | -7,647.23  | 8,361.32             | 8,299.46              | 61.86                   | 135.170           |                    |         |
| 4,345.52               | 4,229.23            | 5,702.31            | 5,408.08            | 21.67           | 44.10       | -124.77               | 1,518.28                          | -7,645.70  | 8,361.17             | 8,298.95              | 62.23                   | 134.364           |                    |         |
| 4,400.00               | 4,281.92            | 5,728.00            | 5,432.23            | 21.95           | 44.32       | -124.86               | 1,509.93                          | -7,643.01  | 8,361.25             | 8,298.51              | 62.74                   | 133.264           |                    |         |
| 4,500.00               | 4,378.65            | 5,997.00            | 5,684.71            | 22.47           | 46.62       | -125.79               | 1,422.78                          | -7,611.30  | 8,360.32             | 8,294.86              | 65.46                   | 127.720           |                    |         |
| 4,600.00               | 4,475.38            | 6,051.37            | 5,735.79            | 22.99           | 47.09       | -125.97               | 1,405.53                          | -7,604.25  | 8,359.13             | 8,292.66              | 66.47                   | 125.767           |                    |         |
| 4,700.00               | 4,572.10            | 6,086.00            | 5,768.33            | 23.50           | 47.38       | -126.09               | 1,394.45                          | -7,600.08  | 8,358.87             | 8,291.56              | 67.32                   | 124.173           |                    |         |
| 4,730.92               | 4,602.01            | 6,301.43            | 5,970.51            | 23.66           | 49.23       | -126.83               | 1,325.67                          | -7,571.90  | 8,358.26             | 8,289.06              | 69.19                   | 120.798           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 20-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,800.00               | 4,668.83            | 6,318.82            | 5,986.84            | 24.02           | 49.38       | -126.89               | 1,320.16                          | -7,569.50  | 8,357.30             | 8,287.56              | 69.74                   | 119.843           |                    |         |
| 4,900.00               | 4,765.56            | 6,355.00            | 6,020.78            | 24.53           | 49.70       | -127.01               | 1,308.57                          | -7,564.80  | 8,356.73             | 8,286.12              | 70.61                   | 118.358           |                    |         |
| 4,920.37               | 4,785.26            | 6,355.00            | 6,020.78            | 24.64           | 49.70       | -127.01               | 1,308.57                          | -7,564.80  | 8,356.70             | 8,285.98              | 70.72                   | 118.159           |                    |         |
| 5,000.00               | 4,862.28            | 6,355.00            | 6,020.78            | 25.05           | 49.70       | -127.01               | 1,308.57                          | -7,564.80  | 8,357.08             | 8,285.89              | 71.19                   | 117.399           |                    |         |
| 5,100.00               | 4,959.01            | 6,392.51            | 6,055.99            | 25.57           | 50.02       | -127.14               | 1,296.39                          | -7,560.36  | 8,358.33             | 8,286.27              | 72.06                   | 115.987           |                    |         |
| 5,200.00               | 5,055.74            | 6,445.00            | 6,105.23            | 26.09           | 50.47       | -127.32               | 1,279.08                          | -7,554.91  | 8,360.74             | 8,287.68              | 73.06                   | 114.436           |                    |         |
| 5,300.00               | 5,152.46            | 6,445.00            | 6,105.23            | 26.60           | 50.47       | -127.32               | 1,279.08                          | -7,554.91  | 8,363.75             | 8,290.13              | 73.62                   | 113.606           |                    |         |
| 5,400.00               | 5,249.19            | 6,474.49            | 6,132.93            | 27.12           | 50.71       | -127.43               | 1,269.33                          | -7,552.15  | 8,367.84             | 8,293.43              | 74.42                   | 112.445           |                    |         |
| 5,500.00               | 5,345.92            | 6,511.29            | 6,167.55            | 27.64           | 51.02       | -127.56               | 1,257.31                          | -7,548.90  | 8,372.75             | 8,297.48              | 75.27                   | 111.235           |                    |         |
| 5,600.00               | 5,442.65            | 6,534.00            | 6,188.96            | 28.16           | 51.21       | -127.63               | 1,249.97                          | -7,546.99  | 8,378.50             | 8,302.50              | 76.00                   | 110.243           |                    |         |
| 5,700.00               | 5,539.37            | 6,534.00            | 6,188.96            | 28.68           | 51.21       | -127.63               | 1,249.97                          | -7,546.99  | 8,385.37             | 8,308.84              | 76.53                   | 109.571           |                    |         |
| 5,800.00               | 5,636.10            | 6,534.00            | 6,188.96            | 29.20           | 51.21       | -127.63               | 1,249.97                          | -7,546.99  | 8,393.42             | 8,316.38              | 77.05                   | 108.939           |                    |         |
| 5,900.00               | 5,732.83            | 6,534.00            | 6,188.96            | 29.71           | 51.21       | -127.63               | 1,249.97                          | -7,546.99  | 8,402.66             | 8,325.10              | 77.55                   | 108.345           |                    |         |
| 6,000.00               | 5,829.55            | 6,579.90            | 6,232.30            | 30.23           | 51.57       | -127.79               | 1,235.14                          | -7,544.12  | 8,412.04             | 8,333.59              | 78.45                   | 107.230           |                    |         |
| 6,100.00               | 5,926.28            | 6,624.00            | 6,273.97            | 30.75           | 51.92       | -127.95               | 1,220.75                          | -7,543.07  | 8,423.67             | 8,344.34              | 79.32                   | 106.194           |                    |         |
| 6,200.00               | 6,023.01            | 6,624.00            | 6,273.97            | 31.27           | 51.92       | -127.95               | 1,220.75                          | -7,543.07  | 8,435.51             | 8,355.70              | 79.81                   | 105.699           |                    |         |
| 6,300.00               | 6,119.73            | 6,624.00            | 6,273.97            | 31.79           | 51.92       | -127.95               | 1,220.75                          | -7,543.07  | 8,448.52             | 8,368.24              | 80.28                   | 105.240           |                    |         |
| 6,397.75               | 6,214.28            | 6,624.00            | 6,273.97            | 32.30           | 51.92       | -127.95               | 1,220.75                          | -7,543.07  | 8,462.36             | 8,381.64              | 80.73                   | 104.824           |                    |         |
| 6,400.00               | 6,216.46            | 6,624.00            | 6,273.97            | 32.31           | 51.92       | -127.36               | 1,220.75                          | -7,543.07  | 8,462.69             | 8,381.95              | 80.74                   | 104.815           |                    |         |
| 6,450.00               | 6,265.12            | 6,624.00            | 6,273.97            | 32.56           | 51.92       | -111.31               | 1,220.75                          | -7,543.07  | 8,468.09             | 8,387.14              | 80.96                   | 104.599           |                    |         |
| 6,500.00               | 6,314.12            | 6,624.00            | 6,273.97            | 32.78           | 51.92       | -89.86                | 1,220.75                          | -7,543.07  | 8,469.88             | 8,388.72              | 81.16                   | 104.362           |                    |         |
| 6,550.00               | 6,363.16            | 6,624.00            | 6,273.97            | 32.99           | 51.92       | -67.60                | 1,220.75                          | -7,543.07  | 8,468.04             | 8,386.70              | 81.34                   | 104.110           |                    |         |
| 6,600.00               | 6,411.94            | 6,624.00            | 6,273.97            | 33.18           | 51.92       | -50.03                | 1,220.75                          | -7,543.07  | 8,462.58             | 8,381.09              | 81.49                   | 103.845           |                    |         |
| 6,650.00               | 6,460.15            | 6,624.00            | 6,273.97            | 33.35           | 51.92       | -38.01                | 1,220.75                          | -7,543.07  | 8,453.53             | 8,371.91              | 81.62                   | 103.566           |                    |         |
| 6,700.00               | 6,507.49            | 6,624.00            | 6,273.97            | 33.52           | 51.92       | -29.95                | 1,220.75                          | -7,543.07  | 8,440.94             | 8,359.21              | 81.74                   | 103.272           |                    |         |
| 6,750.00               | 6,553.69            | 6,624.00            | 6,273.97            | 33.69           | 51.92       | -24.37                | 1,220.75                          | -7,543.07  | 8,424.87             | 8,343.04              | 81.83                   | 102.961           |                    |         |
| 6,800.00               | 6,598.44            | 6,624.00            | 6,273.97            | 33.85           | 51.92       | -20.35                | 1,220.75                          | -7,543.07  | 8,405.39             | 8,323.49              | 81.90                   | 102.631           |                    |         |
| 6,850.00               | 6,641.47            | 6,624.00            | 6,273.97            | 34.02           | 51.92       | -17.33                | 1,220.75                          | -7,543.07  | 8,382.61             | 8,300.65              | 81.95                   | 102.284           |                    |         |
| 6,900.00               | 6,682.53            | 6,624.00            | 6,273.97            | 34.19           | 51.92       | -14.98                | 1,220.75                          | -7,543.07  | 8,356.63             | 8,274.63              | 81.99                   | 101.917           |                    |         |
| 6,950.00               | 6,721.35            | 6,624.00            | 6,273.97            | 34.38           | 51.92       | -13.08                | 1,220.75                          | -7,543.07  | 8,327.59             | 8,245.57              | 82.02                   | 101.531           |                    |         |
| 7,000.00               | 6,757.70            | 6,624.00            | 6,273.97            | 34.57           | 51.92       | -11.49                | 1,220.75                          | -7,543.07  | 8,295.64             | 8,213.60              | 82.03                   | 101.125           |                    |         |
| 7,050.00               | 6,791.35            | 6,624.00            | 6,273.97            | 34.79           | 51.92       | -10.10                | 1,220.75                          | -7,543.07  | 8,260.94             | 8,178.90              | 82.04                   | 100.699           |                    |         |
| 7,100.00               | 6,822.10            | 6,624.00            | 6,273.97            | 35.03           | 51.92       | -8.84                 | 1,220.75                          | -7,543.07  | 8,223.66             | 8,141.64              | 82.03                   | 100.254           |                    |         |
| 7,150.00               | 6,849.75            | 6,666.61            | 6,314.22            | 35.30           | 52.22       | -7.86                 | 1,206.83                          | -7,544.16  | 8,182.62             | 8,100.22              | 82.40                   | 99.300            |                    |         |
| 7,200.00               | 6,874.14            | 6,668.56            | 6,316.06            | 35.61           | 52.23       | -6.66                 | 1,206.19                          | -7,544.28  | 8,140.69             | 8,058.29              | 82.40                   | 98.794            |                    |         |
| 7,250.00               | 6,895.11            | 6,670.30            | 6,317.70            | 35.95           | 52.24       | -5.34                 | 1,205.62                          | -7,544.38  | 8,096.83             | 8,014.43              | 82.39                   | 98.271            |                    |         |
| 7,300.00               | 6,912.54            | 6,671.82            | 6,319.14            | 36.34           | 52.25       | -3.75                 | 1,205.13                          | -7,544.48  | 8,051.28             | 7,968.90              | 82.38                   | 97.734            |                    |         |
| 7,350.00               | 6,926.31            | 6,673.10            | 6,320.35            | 36.77           | 52.26       | -1.60                 | 1,204.71                          | -7,544.56  | 8,004.31             | 7,921.95              | 82.36                   | 97.182            |                    |         |
| 7,400.00               | 6,936.35            | 6,714.00            | 6,358.83            | 37.25           | 52.54       | 1.36                  | 1,191.44                          | -7,548.40  | 7,957.41             | 7,874.70              | 82.72                   | 96.201            |                    |         |
| 7,450.00               | 6,942.59            | 6,714.00            | 6,358.83            | 37.76           | 52.54       | 7.65                  | 1,191.44                          | -7,548.40  | 7,908.36             | 7,825.66              | 82.69                   | 95.633            |                    |         |
| 7,500.00               | 6,944.99            | 6,714.00            | 6,358.83            | 38.31           | 52.54       | 24.53                 | 1,191.44                          | -7,548.40  | 7,858.74             | 7,776.06              | 82.68                   | 95.051            |                    |         |
| 7,512.10               | 6,945.00            | 6,714.00            | 6,358.83            | 38.44           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 7,846.67             | 7,763.99              | 82.68                   | 94.907            |                    |         |
| 7,600.00               | 6,944.19            | 6,714.00            | 6,358.83            | 39.51           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 7,759.01             | 7,676.35              | 82.66                   | 93.869            |                    |         |
| 7,700.00               | 6,943.28            | 6,714.00            | 6,358.83            | 40.90           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 7,659.28             | 7,576.64              | 82.64                   | 92.687            |                    |         |
| 7,800.00               | 6,942.37            | 6,714.00            | 6,358.83            | 42.44           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 7,559.55             | 7,476.94              | 82.62                   | 91.503            |                    |         |
| 7,900.00               | 6,941.46            | 6,714.00            | 6,358.83            | 44.11           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 7,459.84             | 7,377.24              | 82.60                   | 90.318            |                    |         |
| 8,000.00               | 6,940.55            | 6,714.00            | 6,358.83            | 45.90           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 7,360.13             | 7,277.56              | 82.58                   | 89.130            |                    |         |
| 8,100.00               | 6,939.64            | 6,714.00            | 6,358.83            | 47.80           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 7,260.43             | 7,177.87              | 82.56                   | 87.941            |                    |         |
| 8,200.00               | 6,938.72            | 6,714.00            | 6,358.83            | 49.79           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 7,160.74             | 7,078.20              | 82.54                   | 86.751            |                    |         |
| 8,300.00               | 6,937.81            | 6,714.00            | 6,358.83            | 51.86           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 7,061.06             | 6,978.53              | 82.53                   | 85.559            |                    |         |
| 8,400.00               | 6,936.90            | 6,714.00            | 6,358.83            | 54.01           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 6,961.39             | 6,878.87              | 82.52                   | 84.365            |                    |         |
| 8,500.00               | 6,935.99            | 6,714.00            | 6,358.83            | 56.21           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 6,861.73             | 6,779.22              | 82.50                   | 83.169            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 20-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   | Warning            |         |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,600.00               | 6,935.08            | 6,714.00            | 6,358.83            | 58.47           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 6,762.07             | 6,679.58              | 82.49                   | 81.972            |                    |         |
| 8,700.00               | 6,934.17            | 6,714.00            | 6,358.83            | 60.78           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 6,662.43             | 6,579.95              | 82.48                   | 80.774            |                    |         |
| 8,800.00               | 6,933.25            | 6,714.00            | 6,358.83            | 63.13           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 6,562.80             | 6,480.32              | 82.47                   | 79.573            |                    |         |
| 8,900.00               | 6,932.34            | 6,714.00            | 6,358.83            | 65.52           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 6,463.18             | 6,380.71              | 82.47                   | 78.372            |                    |         |
| 9,000.00               | 6,931.43            | 6,714.00            | 6,358.83            | 67.95           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 6,363.57             | 6,281.11              | 82.46                   | 77.168            |                    |         |
| 9,100.00               | 6,930.52            | 6,714.00            | 6,358.83            | 70.40           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 6,263.97             | 6,181.51              | 82.46                   | 75.963            |                    |         |
| 9,200.00               | 6,929.61            | 6,714.00            | 6,358.83            | 72.89           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 6,164.39             | 6,081.93              | 82.46                   | 74.757            |                    |         |
| 9,300.00               | 6,928.69            | 6,714.00            | 6,358.83            | 75.40           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 6,064.82             | 5,982.36              | 82.46                   | 73.549            |                    |         |
| 9,400.00               | 6,927.78            | 6,714.00            | 6,358.83            | 77.93           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 5,965.27             | 5,882.81              | 82.46                   | 72.339            |                    |         |
| 9,500.00               | 6,926.87            | 6,714.00            | 6,358.83            | 80.48           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 5,865.73             | 5,783.26              | 82.47                   | 71.128            |                    |         |
| 9,600.00               | 6,925.96            | 6,714.00            | 6,358.83            | 83.05           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 5,766.20             | 5,683.73              | 82.47                   | 69.915            |                    |         |
| 9,700.00               | 6,925.05            | 6,714.00            | 6,358.83            | 85.64           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 5,666.70             | 5,584.21              | 82.48                   | 68.701            |                    |         |
| 9,800.00               | 6,924.14            | 6,714.00            | 6,358.83            | 88.25           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 5,567.21             | 5,484.71              | 82.50                   | 67.485            |                    |         |
| 9,900.00               | 6,923.22            | 6,714.00            | 6,358.83            | 90.86           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 5,467.74             | 5,385.23              | 82.51                   | 66.267            |                    |         |
| 10,000.00              | 6,922.31            | 6,714.00            | 6,358.83            | 93.50           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 5,368.29             | 5,285.76              | 82.53                   | 65.048            |                    |         |
| 10,100.00              | 6,921.40            | 6,714.00            | 6,358.83            | 96.14           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 5,268.86             | 5,186.31              | 82.55                   | 63.827            |                    |         |
| 10,200.00              | 6,920.49            | 6,714.00            | 6,358.83            | 98.79           | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 5,169.45             | 5,086.87              | 82.57                   | 62.604            |                    |         |
| 10,300.00              | 6,919.58            | 6,714.00            | 6,358.83            | 101.45          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 5,070.06             | 4,987.46              | 82.60                   | 61.379            |                    |         |
| 10,400.00              | 6,918.67            | 6,714.00            | 6,358.83            | 104.13          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 4,970.70             | 4,888.07              | 82.63                   | 60.153            |                    |         |
| 10,500.00              | 6,917.75            | 6,714.00            | 6,358.83            | 106.81          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 4,871.37             | 4,788.70              | 82.67                   | 58.925            |                    |         |
| 10,600.00              | 6,916.84            | 6,714.00            | 6,358.83            | 109.50          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 4,772.06             | 4,689.35              | 82.71                   | 57.694            |                    |         |
| 10,700.00              | 6,915.93            | 6,714.00            | 6,358.83            | 112.19          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 4,672.79             | 4,590.03              | 82.76                   | 56.462            |                    |         |
| 10,800.00              | 6,915.02            | 6,714.00            | 6,358.83            | 114.90          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 4,573.54             | 4,490.73              | 82.81                   | 55.228            |                    |         |
| 10,900.00              | 6,914.11            | 6,714.00            | 6,358.83            | 117.61          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 4,474.33             | 4,391.46              | 82.87                   | 53.992            |                    |         |
| 11,000.00              | 6,913.20            | 6,714.00            | 6,358.83            | 120.32          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 4,375.15             | 4,292.22              | 82.94                   | 52.753            |                    |         |
| 11,100.00              | 6,912.28            | 6,714.00            | 6,358.83            | 123.04          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 4,276.02             | 4,193.01              | 83.01                   | 51.512            |                    |         |
| 11,200.00              | 6,911.37            | 6,714.00            | 6,358.83            | 125.77          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 4,176.92             | 4,093.83              | 83.09                   | 50.269            |                    |         |
| 11,300.00              | 6,910.46            | 6,714.00            | 6,358.83            | 128.50          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 4,077.87             | 3,994.69              | 83.18                   | 49.023            |                    |         |
| 11,400.00              | 6,909.55            | 6,714.00            | 6,358.83            | 131.24          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 3,978.87             | 3,895.58              | 83.28                   | 47.774            |                    |         |
| 11,500.00              | 6,908.64            | 6,714.00            | 6,358.83            | 133.98          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 3,879.91             | 3,796.51              | 83.40                   | 46.523            |                    |         |
| 11,600.00              | 6,907.73            | 6,714.00            | 6,358.83            | 136.72          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 3,781.01             | 3,697.49              | 83.52                   | 45.269            |                    |         |
| 11,700.00              | 6,906.81            | 6,714.00            | 6,358.83            | 139.47          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 3,682.17             | 3,598.51              | 83.66                   | 44.012            |                    |         |
| 11,800.00              | 6,905.90            | 6,714.00            | 6,358.83            | 142.22          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 3,583.40             | 3,499.58              | 83.82                   | 42.752            |                    |         |
| 11,900.00              | 6,904.99            | 6,714.00            | 6,358.83            | 144.97          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 3,484.70             | 3,400.70              | 83.99                   | 41.489            |                    |         |
| 12,000.00              | 6,904.08            | 6,714.00            | 6,358.83            | 147.73          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 3,386.07             | 3,301.88              | 84.18                   | 40.222            |                    |         |
| 12,100.00              | 6,903.17            | 6,714.00            | 6,358.83            | 150.49          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 3,287.52             | 3,203.12              | 84.40                   | 38.952            |                    |         |
| 12,200.00              | 6,902.26            | 6,714.00            | 6,358.83            | 153.26          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 3,189.07             | 3,104.43              | 84.64                   | 37.678            |                    |         |
| 12,300.00              | 6,901.34            | 6,714.00            | 6,358.83            | 156.02          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 3,090.71             | 3,005.80              | 84.91                   | 36.400            |                    |         |
| 12,400.00              | 6,900.43            | 6,714.00            | 6,358.83            | 158.79          | 52.54       | 33.31                 | 1,191.44                          | -7,548.40  | 2,992.46             | 2,907.25              | 85.21                   | 35.119            |                    |         |
| 12,500.00              | 6,899.52            | 6,750.74            | 6,393.23            | 161.56          | 52.75       | 34.32                 | 1,179.73                          | -7,553.81  | 2,893.21             | 2,807.51              | 85.70                   | 33.761            |                    |         |
| 12,600.00              | 6,898.61            | 6,754.50            | 6,396.74            | 164.34          | 52.77       | 34.43                 | 1,178.54                          | -7,554.46  | 2,794.97             | 2,708.90              | 86.06                   | 32.475            |                    |         |
| 12,700.00              | 6,897.70            | 6,758.48            | 6,400.45            | 167.11          | 52.79       | 34.55                 | 1,177.30                          | -7,555.17  | 2,696.82             | 2,610.35              | 86.47                   | 31.188            |                    |         |
| 12,800.00              | 6,896.79            | 6,762.69            | 6,404.38            | 169.89          | 52.82       | 34.68                 | 1,175.98                          | -7,555.94  | 2,598.79             | 2,511.87              | 86.92                   | 29.899            |                    |         |
| 12,900.00              | 6,895.87            | 6,767.15            | 6,408.53            | 172.67          | 52.84       | 34.82                 | 1,174.60                          | -7,556.79  | 2,500.88             | 2,413.47              | 87.42                   | 28.609            |                    |         |
| 13,000.00              | 6,894.96            | 6,803.00            | 6,441.77            | 175.45          | 53.04       | 36.04                 | 1,163.63                          | -7,564.51  | 2,403.95             | 2,315.96              | 87.99                   | 27.320            |                    |         |
| 13,100.00              | 6,894.05            | 6,803.00            | 6,441.77            | 178.23          | 53.04       | 36.04                 | 1,163.63                          | -7,564.51  | 2,306.08             | 2,217.50              | 88.58                   | 26.035            |                    |         |
| 13,200.00              | 6,893.14            | 6,803.00            | 6,441.77            | 181.02          | 53.04       | 36.04                 | 1,163.63                          | -7,564.51  | 2,208.40             | 2,119.16              | 89.24                   | 24.746            |                    |         |
| 13,300.00              | 6,892.23            | 6,803.00            | 6,441.77            | 183.80          | 53.04       | 36.04                 | 1,163.63                          | -7,564.51  | 2,110.93             | 2,020.94              | 90.00                   | 23.455            |                    |         |
| 13,400.00              | 6,891.31            | 6,803.00            | 6,441.77            | 186.59          | 53.04       | 36.04                 | 1,163.63                          | -7,564.51  | 2,013.72             | 1,922.85              | 90.87                   | 22.162            |                    |         |
| 13,500.00              | 6,890.40            | 6,803.00            | 6,441.77            | 189.38          | 53.04       | 36.04                 | 1,163.63                          | -7,564.51  | 1,916.79             | 1,824.93              | 91.86                   | 20.867            |                    |         |
| 13,600.00              | 6,889.49            | 6,803.00            | 6,441.77            | 192.17          | 53.04       | 36.04                 | 1,163.63                          | -7,564.51  | 1,820.20             | 1,727.20              | 93.00                   | 19.572            |                    |         |
| 13,700.00              | 6,888.58            | 6,803.00            | 6,441.77            | 194.97          | 53.04       | 36.04                 | 1,163.63                          | -7,564.51  | 1,723.99             | 1,629.68              | 94.31                   | 18.280            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                           | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|---------------------------|--------------------|---------|
| Survey Program: 20-MWDD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                           | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                           |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor         |                    |         |
| 13,800.00               | 6,887.67            | 6,803.00            | 6,441.77            | 197.76          | 53.04       | 36.04                 | 1,163.63                          | -7,564.51  | 1,628.24             | 1,532.41              | 95.83                   | 16.991                    |                    |         |
| 13,900.00               | 6,886.76            | 6,834.90            | 6,471.08            | 200.56          | 53.18       | 37.29                 | 1,154.06                          | -7,572.70  | 1,532.10             | 1,434.99              | 97.12                   | 15.776                    |                    |         |
| 14,000.00               | 6,885.84            | 6,845.32            | 6,480.58            | 203.35          | 53.23       | 37.73                 | 1,150.95                          | -7,575.63  | 1,436.80             | 1,337.90              | 98.90                   | 14.528                    |                    |         |
| 14,100.00               | 6,884.93            | 6,856.65            | 6,490.88            | 206.15          | 53.28       | 38.22                 | 1,147.58                          | -7,578.95  | 1,341.95             | 1,241.01              | 100.94                  | 13.295                    |                    |         |
| 14,200.00               | 6,884.02            | 6,869.01            | 6,502.06            | 208.95          | 53.33       | 38.79                 | 1,143.93                          | -7,582.74  | 1,247.61             | 1,144.33              | 103.28                  | 12.080                    |                    |         |
| 14,300.00               | 6,883.11            | 6,892.00            | 6,522.72            | 211.75          | 53.44       | 39.93                 | 1,137.16                          | -7,590.23  | 1,153.96             | 1,048.23              | 105.72                  | 10.915                    |                    |         |
| 14,400.00               | 6,882.20            | 6,892.00            | 6,522.72            | 214.55          | 53.44       | 39.93                 | 1,137.16                          | -7,590.23  | 1,060.85             | 951.54                | 109.31                  | 9.705                     |                    |         |
| 14,500.00               | 6,881.29            | 6,892.00            | 6,522.72            | 217.35          | 53.44       | 39.93                 | 1,137.16                          | -7,590.23  | 969.12               | 855.51                | 113.62                  | 8.530                     |                    |         |
| 14,600.00               | 6,880.37            | 6,927.58            | 6,554.19            | 220.15          | 53.56       | 41.89                 | 1,126.80                          | -7,603.16  | 877.56               | 760.18                | 117.38                  | 7.476                     |                    |         |
| 14,700.00               | 6,879.46            | 6,945.92            | 6,570.15            | 222.95          | 53.63       | 43.01                 | 1,121.52                          | -7,610.50  | 787.75               | 665.04                | 122.71                  | 6.420                     |                    |         |
| 14,800.00               | 6,878.55            | 6,982.00            | 6,600.94            | 225.76          | 53.76       | 45.47                 | 1,111.25                          | -7,626.25  | 699.88               | 571.58                | 128.30                  | 5.455                     |                    |         |
| 14,900.00               | 6,877.64            | 6,982.00            | 6,600.94            | 228.56          | 53.76       | 45.47                 | 1,111.25                          | -7,626.25  | 613.46               | 475.88                | 137.58                  | 4.459                     |                    |         |
| 15,000.00               | 6,876.73            | 7,013.70            | 6,627.21            | 231.37          | 53.83       | 47.95                 | 1,102.49                          | -7,641.66  | 529.95               | 382.76                | 147.20                  | 3.600                     |                    |         |
| 15,100.00               | 6,875.82            | 7,042.20            | 6,650.09            | 234.18          | 53.91       | 50.47                 | 1,094.96                          | -7,656.90  | 450.29               | 290.34                | 159.95                  | 2.815                     |                    |         |
| 15,200.00               | 6,874.90            | 7,071.00            | 6,672.42            | 236.98          | 53.98       | 53.31                 | 1,087.70                          | -7,673.56  | 375.80               | 199.12                | 176.68                  | 2.127                     |                    |         |
| 15,300.00               | 6,873.99            | 7,116.40            | 6,706.01            | 239.79          | 54.03       | 58.50                 | 1,077.18                          | -7,702.21  | 308.32               | 110.80                | 197.53                  | 1.561                     |                    |         |
| 15,400.00               | 6,873.08            | 7,161.00            | 6,737.02            | 242.60          | 54.09       | 64.48                 | 1,068.14                          | -7,732.96  | 251.20               | 26.53                 | 224.67                  | 1.118 Level 2             |                    |         |
| 15,500.00               | 6,872.17            | 7,221.94            | 6,776.08            | 245.41          | 54.11       | 73.89                 | 1,057.84                          | -7,778.56  | 208.52               | -46.53                | 255.05                  | 0.818 Level 1             |                    |         |
| 15,600.00               | 6,871.26            | 7,288.02            | 6,813.93            | 248.22          | 54.09       | 84.96                 | 1,049.48                          | -7,832.04  | 184.91               | -94.85                | 279.76                  | 0.661 Level 1             |                    |         |
| 15,664.27               | 6,870.67            | 7,335.10            | 6,837.81            | 250.03          | 54.06       | 92.58                 | 1,045.63                          | -7,872.40  | 180.85               | -105.52               | 286.36                  | 0.632 Level 1, CC, ES, SF |                    |         |
| 15,700.00               | 6,870.35            | 7,364.03            | 6,851.13            | 251.03          | 54.03       | 96.86                 | 1,044.09                          | -7,898.04  | 181.89               | -104.64               | 286.53                  | 0.635 Level 1             |                    |         |
| 15,737.91               | 6,870.00            | 7,396.42            | 6,864.70            | 252.10          | 53.98       | 101.14                | 1,042.93                          | -7,927.43  | 184.92               | -99.82                | 284.74                  | 0.649 Level 1             |                    |         |
| 15,738.53               | 6,869.99            | 7,396.96            | 6,864.91            | 252.11          | 53.98       | 101.20                | 1,042.91                          | -7,927.93  | 184.98               | -99.72                | 284.70                  | 0.650 Level 1             |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                                    | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -87.12                | 374.17                            | -7,446.10  | 7,455.51             |                       |                         |                   |                    |         |
| 100.00                                  | 100.00              | 87.00               | 87.00               | 3.28            | 3.61        | -87.12                | 374.17                            | -7,446.10  | 7,455.49             | 7,448.60              | 6.90                    | 1,080.633         |                    |         |
| 200.00                                  | 200.00              | 187.00              | 187.00              | 3.34            | 5.80        | -87.12                | 374.17                            | -7,446.10  | 7,455.49             | 7,446.36              | 9.14                    | 816.024           |                    |         |
| 300.00                                  | 300.00              | 287.00              | 287.00              | 3.44            | 8.90        | -87.12                | 374.17                            | -7,446.10  | 7,455.49             | 7,443.15              | 12.35                   | 603.927           |                    |         |
| 400.00                                  | 399.98              | 386.98              | 386.98              | 3.60            | 12.21       | -117.26               | 374.17                            | -7,446.10  | 7,456.29             | 7,440.48              | 15.82                   | 471.461           |                    |         |
| 500.00                                  | 499.84              | 486.84              | 486.84              | 3.81            | 15.60       | -117.25               | 374.17                            | -7,446.10  | 7,458.69             | 7,439.29              | 19.40                   | 384.406           |                    |         |
| 550.00                                  | 549.68              | 536.68              | 536.68              | 3.93            | 17.30       | -117.25               | 374.17                            | -7,446.10  | 7,460.49             | 7,439.27              | 21.22                   | 351.510           |                    |         |
| 600.00                                  | 599.45              | 586.45              | 586.45              | 4.06            | 19.01       | -119.53               | 374.17                            | -7,446.10  | 7,462.78             | 7,439.73              | 23.06                   | 323.656           |                    |         |
| 700.00                                  | 698.71              | 685.71              | 685.71              | 4.33            | 22.43       | -122.40               | 374.17                            | -7,446.10  | 7,469.09             | 7,442.34              | 26.75                   | 279.185           |                    |         |
| 800.00                                  | 797.49              | 784.49              | 784.49              | 4.64            | 25.85       | -124.09               | 374.17                            | -7,446.10  | 7,477.70             | 7,447.22              | 30.47                   | 245.375           |                    |         |
| 900.00                                  | 895.68              | 882.68              | 882.68              | 4.97            | 29.25       | -125.19               | 374.17                            | -7,446.10  | 7,488.62             | 7,454.41              | 34.21                   | 218.902           |                    |         |
| 1,000.00                                | 993.14              | 980.14              | 980.14              | 5.33            | 32.64       | -125.95               | 374.17                            | -7,446.10  | 7,501.84             | 7,463.89              | 37.95                   | 197.673           |                    |         |
| 1,039.84                                | 1,031.75            | 1,018.75            | 1,018.75            | 5.48            | 33.98       | -126.18               | 374.17                            | -7,446.10  | 7,507.76             | 7,468.32              | 39.44                   | 190.348           |                    |         |
| 1,100.00                                | 1,089.94            | 1,076.94            | 1,076.94            | 5.72            | 36.00       | -126.27               | 374.17                            | -7,446.10  | 7,516.97             | 7,475.28              | 41.69                   | 180.291           |                    |         |
| 1,200.00                                | 1,186.67            | 1,173.67            | 1,173.67            | 6.13            | 39.36       | -126.43               | 374.17                            | -7,446.10  | 7,532.34             | 7,486.89              | 45.45                   | 165.722           |                    |         |
| 1,300.00                                | 1,283.39            | 1,270.39            | 1,270.39            | 6.55            | 42.73       | -126.58               | 374.17                            | -7,446.10  | 7,547.76             | 7,498.53              | 49.23                   | 153.327           |                    |         |
| 1,400.00                                | 1,380.12            | 1,367.12            | 1,367.12            | 6.99            | 46.10       | -126.73               | 374.17                            | -7,446.10  | 7,563.23             | 7,510.22              | 53.01                   | 142.662           |                    |         |
| 1,500.00                                | 1,476.85            | 1,463.85            | 1,463.85            | 7.45            | 49.47       | -126.88               | 374.17                            | -7,446.10  | 7,578.76             | 7,521.94              | 56.81                   | 133.394           |                    |         |
| 1,600.00                                | 1,573.57            | 1,560.57            | 1,560.57            | 7.90            | 52.84       | -127.03               | 374.17                            | -7,446.10  | 7,594.34             | 7,533.71              | 60.62                   | 125.270           |                    |         |
| 1,700.00                                | 1,670.30            | 1,657.30            | 1,657.30            | 8.37            | 56.21       | -127.18               | 374.17                            | -7,446.10  | 7,609.97             | 7,545.53              | 64.44                   | 118.093           |                    |         |
| 1,800.00                                | 1,767.03            | 1,754.03            | 1,754.03            | 8.85            | 59.58       | -127.33               | 374.17                            | -7,446.10  | 7,625.65             | 7,557.39              | 68.26                   | 111.708           |                    |         |
| 1,900.00                                | 1,863.75            | 1,850.75            | 1,850.75            | 9.32            | 62.95       | -127.48               | 374.17                            | -7,446.10  | 7,641.39             | 7,569.30              | 72.09                   | 105.994           |                    |         |
| 2,000.00                                | 1,960.48            | 1,947.48            | 1,947.48            | 9.81            | 66.32       | -127.62               | 374.17                            | -7,446.10  | 7,657.18             | 7,581.25              | 75.93                   | 100.850           |                    |         |
| 2,100.00                                | 2,057.21            | 2,044.21            | 2,044.21            | 10.29           | 69.70       | -127.77               | 374.17                            | -7,446.10  | 7,673.02             | 7,593.25              | 79.76                   | 96.197            |                    |         |
| 2,200.00                                | 2,153.93            | 2,140.93            | 2,140.93            | 10.78           | 73.07       | -127.92               | 374.17                            | -7,446.10  | 7,688.91             | 7,605.30              | 83.60                   | 91.968            |                    |         |
| 2,300.00                                | 2,250.66            | 2,237.66            | 2,237.66            | 11.28           | 76.44       | -128.06               | 374.17                            | -7,446.10  | 7,704.85             | 7,617.40              | 87.45                   | 88.107            |                    |         |
| 2,400.00                                | 2,347.39            | 2,334.39            | 2,334.39            | 11.77           | 79.82       | -128.21               | 374.17                            | -7,446.10  | 7,720.84             | 7,629.54              | 91.29                   | 84.571            |                    |         |
| 2,500.00                                | 2,444.11            | 2,431.11            | 2,431.11            | 12.27           | 83.19       | -128.35               | 374.17                            | -7,446.10  | 7,736.88             | 7,641.74              | 95.14                   | 81.318            |                    |         |
| 2,600.00                                | 2,540.84            | 2,527.84            | 2,527.84            | 12.77           | 86.56       | -128.50               | 374.17                            | -7,446.10  | 7,752.97             | 7,653.98              | 98.99                   | 78.318            |                    |         |
| 2,700.00                                | 2,637.57            | 2,624.57            | 2,624.57            | 13.27           | 89.94       | -128.64               | 374.17                            | -7,446.10  | 7,769.11             | 7,666.27              | 102.85                  | 75.541            |                    |         |
| 2,800.00                                | 2,734.30            | 2,721.30            | 2,721.30            | 13.78           | 93.31       | -128.78               | 374.17                            | -7,446.10  | 7,785.31             | 7,678.61              | 106.70                  | 72.965            |                    |         |
| 2,900.00                                | 2,831.02            | 2,818.02            | 2,818.02            | 14.28           | 96.69       | -128.93               | 374.17                            | -7,446.10  | 7,801.54             | 7,690.99              | 110.55                  | 70.567            |                    |         |
| 3,000.00                                | 2,927.75            | 2,914.75            | 2,914.75            | 14.79           | 100.06      | -129.07               | 374.17                            | -7,446.10  | 7,817.83             | 7,703.42              | 114.41                  | 68.331            |                    |         |
| 3,100.00                                | 3,024.48            | 3,011.48            | 3,011.48            | 15.29           | 103.44      | -129.21               | 374.17                            | -7,446.10  | 7,834.17             | 7,715.90              | 118.27                  | 66.241            |                    |         |
| 3,200.00                                | 3,121.20            | 3,108.20            | 3,108.20            | 15.80           | 106.81      | -129.35               | 374.17                            | -7,446.10  | 7,850.55             | 7,728.43              | 122.13                  | 64.282            |                    |         |
| 3,300.00                                | 3,217.93            | 3,204.93            | 3,204.93            | 16.31           | 110.19      | -129.49               | 374.17                            | -7,446.10  | 7,866.99             | 7,741.00              | 125.99                  | 62.444            |                    |         |
| 3,400.00                                | 3,314.66            | 3,301.66            | 3,301.66            | 16.82           | 113.56      | -129.63               | 374.17                            | -7,446.10  | 7,883.47             | 7,753.62              | 129.85                  | 60.714            |                    |         |
| 3,500.00                                | 3,411.38            | 3,401.62            | 3,398.38            | 17.33           | 117.05      | -129.77               | 374.17                            | -7,446.10  | 7,899.99             | 7,766.17              | 133.82                  | 59.035            |                    |         |
| 3,600.00                                | 3,508.11            | 3,504.89            | 3,495.11            | 17.84           | 120.66      | -129.91               | 374.17                            | -7,446.10  | 7,916.57             | 7,778.66              | 137.91                  | 57.405            |                    |         |
| 3,700.00                                | 3,604.84            | 3,608.16            | 3,591.84            | 18.36           | 124.26      | -130.04               | 374.17                            | -7,446.10  | 7,933.19             | 7,791.19              | 142.00                  | 55.868            |                    |         |
| 3,800.00                                | 3,701.56            | 3,688.56            | 3,688.56            | 18.87           | 127.06      | -130.18               | 374.17                            | -7,446.10  | 7,949.85             | 7,804.56              | 145.29                  | 54.717            |                    |         |
| 3,900.00                                | 3,798.29            | 3,785.29            | 3,785.29            | 19.38           | 130.44      | -130.32               | 374.17                            | -7,446.10  | 7,966.57             | 7,817.41              | 149.15                  | 53.412            |                    |         |
| 4,000.00                                | 3,895.02            | 3,882.02            | 3,882.02            | 19.89           | 133.82      | -130.46               | 374.17                            | -7,446.10  | 7,983.32             | 7,830.31              | 153.01                  | 52.174            |                    |         |
| 4,100.00                                | 3,991.74            | 3,978.74            | 3,978.74            | 20.41           | 137.19      | -130.59               | 374.17                            | -7,446.10  | 8,000.13             | 7,843.25              | 156.88                  | 50.996            |                    |         |
| 4,200.00                                | 4,088.47            | 4,075.47            | 4,075.47            | 20.92           | 140.57      | -130.73               | 374.17                            | -7,446.10  | 8,016.98             | 7,856.24              | 160.74                  | 49.875            |                    |         |
| 4,300.00                                | 4,185.20            | 4,172.20            | 4,172.20            | 21.44           | 143.94      | -130.86               | 374.17                            | -7,446.10  | 8,033.87             | 7,869.27              | 164.60                  | 48.807            |                    |         |
| 4,400.00                                | 4,281.92            | 4,268.92            | 4,268.92            | 21.95           | 147.32      | -130.99               | 374.17                            | -7,446.10  | 8,050.81             | 7,882.34              | 168.47                  | 47.788            |                    |         |
| 4,500.00                                | 4,378.65            | 4,365.65            | 4,365.65            | 22.47           | 150.70      | -131.13               | 374.17                            | -7,446.10  | 8,067.79             | 7,895.46              | 172.33                  | 46.816            |                    |         |
| 4,600.00                                | 4,475.38            | 4,462.38            | 4,462.38            | 22.99           | 154.07      | -131.26               | 374.17                            | -7,446.10  | 8,084.82             | 7,908.62              | 176.20                  | 45.885            |                    |         |
| 4,700.00                                | 4,572.10            | 4,559.10            | 4,559.10            | 23.50           | 157.45      | -131.39               | 374.17                            | -7,446.10  | 8,101.89             | 7,921.83              | 180.06                  | 44.996            |                    |         |
| 4,800.00                                | 4,668.83            | 4,655.83            | 4,655.83            | 24.02           | 160.82      | -131.53               | 374.17                            | -7,446.10  | 8,119.00             | 7,935.08              | 183.92                  | 44.143            |                    |         |
| 4,900.00                                | 4,765.56            | 4,752.56            | 4,752.56            | 24.53           | 164.20      | -131.66               | 374.17                            | -7,446.10  | 8,136.16             | 7,948.37              | 187.79                  | 43.326            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                                | 4,862.28            | 4,849.28            | 4,849.28            | 25.05           | 167.58      | -131.79               | 374.17                            | -7,446.10  | 8,153.36             | 7,961.70              | 191.65                  | 42.542            |                    |         |
| 5,100.00                                | 4,959.01            | 4,946.01            | 4,946.01            | 25.57           | 170.95      | -131.92               | 374.17                            | -7,446.10  | 8,170.60             | 7,975.08              | 195.52                  | 41.790            |                    |         |
| 5,200.00                                | 5,055.74            | 5,042.74            | 5,042.74            | 26.09           | 174.33      | -132.05               | 374.17                            | -7,446.10  | 8,187.88             | 7,988.50              | 199.38                  | 41.066            |                    |         |
| 5,300.00                                | 5,152.46            | 5,139.46            | 5,139.46            | 26.60           | 177.70      | -132.18               | 374.17                            | -7,446.10  | 8,205.21             | 8,001.96              | 203.25                  | 40.371            |                    |         |
| 5,400.00                                | 5,249.19            | 5,236.19            | 5,236.19            | 27.12           | 181.08      | -132.31               | 374.17                            | -7,446.10  | 8,222.58             | 8,015.47              | 207.11                  | 39.701            |                    |         |
| 5,500.00                                | 5,345.92            | 5,332.92            | 5,332.92            | 27.64           | 184.46      | -132.43               | 374.17                            | -7,446.10  | 8,239.99             | 8,029.01              | 210.98                  | 39.056            |                    |         |
| 5,600.00                                | 5,442.65            | 5,429.65            | 5,429.65            | 28.16           | 187.83      | -132.56               | 374.17                            | -7,446.10  | 8,257.44             | 8,042.60              | 214.84                  | 38.435            |                    |         |
| 5,700.00                                | 5,539.37            | 5,526.37            | 5,526.37            | 28.68           | 191.21      | -132.69               | 374.17                            | -7,446.10  | 8,274.93             | 8,056.22              | 218.71                  | 37.836            |                    |         |
| 5,800.00                                | 5,636.10            | 5,623.10            | 5,623.10            | 29.20           | 194.58      | -132.82               | 374.17                            | -7,446.10  | 8,292.46             | 8,069.89              | 222.57                  | 37.258            |                    |         |
| 5,900.00                                | 5,732.83            | 5,719.83            | 5,719.83            | 29.71           | 197.96      | -132.94               | 374.17                            | -7,446.10  | 8,310.04             | 8,083.60              | 226.44                  | 36.699            |                    |         |
| 6,000.00                                | 5,829.55            | 5,816.55            | 5,816.55            | 30.23           | 201.34      | -133.07               | 374.17                            | -7,446.10  | 8,327.65             | 8,097.35              | 230.30                  | 36.160            |                    |         |
| 6,100.00                                | 5,926.28            | 5,913.28            | 5,913.28            | 30.75           | 204.71      | -133.19               | 374.17                            | -7,446.10  | 8,345.30             | 8,111.14              | 234.17                  | 35.639            |                    |         |
| 6,200.00                                | 6,023.01            | 6,010.01            | 6,010.01            | 31.27           | 208.09      | -133.32               | 374.17                            | -7,446.10  | 8,363.00             | 8,124.97              | 238.03                  | 35.134            |                    |         |
| 6,300.00                                | 6,119.73            | 6,106.73            | 6,106.73            | 31.79           | 211.47      | -133.44               | 374.17                            | -7,446.10  | 8,380.73             | 8,138.83              | 241.89                  | 34.646            |                    |         |
| 6,397.75                                | 6,214.28            | 6,201.28            | 6,201.28            | 32.30           | 214.77      | -133.56               | 374.17                            | -7,446.10  | 8,398.10             | 8,152.43              | 245.67                  | 34.184            |                    |         |
| 6,400.00                                | 6,216.46            | 6,203.46            | 6,203.46            | 32.31           | 214.84      | -132.97               | 374.17                            | -7,446.10  | 8,398.50             | 8,152.74              | 245.76                  | 34.174            |                    |         |
| 6,450.00                                | 6,265.12            | 6,252.12            | 6,252.12            | 32.56           | 216.54      | -116.93               | 374.17                            | -7,446.10  | 8,405.28             | 8,157.59              | 247.70                  | 33.934            |                    |         |
| 6,500.00                                | 6,314.12            | 6,301.12            | 6,301.12            | 32.78           | 218.25      | -95.53                | 374.17                            | -7,446.10  | 8,408.18             | 8,158.55              | 249.63                  | 33.683            |                    |         |
| 6,550.00                                | 6,363.16            | 6,350.16            | 6,350.16            | 32.99           | 219.96      | -73.34                | 374.17                            | -7,446.10  | 8,407.17             | 8,155.62              | 251.55                  | 33.422            |                    |         |
| 6,600.00                                | 6,411.94            | 6,401.06            | 6,398.94            | 33.18           | 221.74      | -55.89                | 374.17                            | -7,446.10  | 8,402.25             | 8,148.74              | 253.51                  | 33.143            |                    |         |
| 6,650.00                                | 6,460.15            | 6,447.15            | 6,447.15            | 33.35           | 223.35      | -44.02                | 374.17                            | -7,446.10  | 8,393.46             | 8,138.18              | 255.29                  | 32.879            |                    |         |
| 6,700.00                                | 6,507.49            | 6,505.51            | 6,494.49            | 33.52           | 225.39      | -36.15                | 374.17                            | -7,446.10  | 8,380.86             | 8,123.39              | 257.47                  | 32.551            |                    |         |
| 6,750.00                                | 6,553.69            | 6,540.69            | 6,540.69            | 33.69           | 226.61      | -30.81                | 374.17                            | -7,446.10  | 8,364.51             | 8,105.69              | 258.82                  | 32.318            |                    |         |
| 6,800.00                                | 6,598.44            | 6,585.44            | 6,585.44            | 33.85           | 228.18      | -27.09                | 374.17                            | -7,446.10  | 8,344.53             | 8,084.04              | 260.49                  | 32.034            |                    |         |
| 6,850.00                                | 6,641.47            | 6,628.47            | 6,628.47            | 34.02           | 229.68      | -24.43                | 374.17                            | -7,446.10  | 8,321.03             | 8,058.95              | 262.08                  | 31.749            |                    |         |
| 6,900.00                                | 6,682.53            | 6,669.53            | 6,669.53            | 34.19           | 231.11      | -22.51                | 374.17                            | -7,446.10  | 8,294.16             | 8,030.57              | 263.59                  | 31.466            |                    |         |
| 6,950.00                                | 6,721.35            | 6,708.35            | 6,708.35            | 34.38           | 232.47      | -21.13                | 374.17                            | -7,446.10  | 8,264.08             | 7,999.07              | 265.01                  | 31.184            |                    |         |
| 7,000.00                                | 6,757.70            | 6,744.70            | 6,744.70            | 34.57           | 233.74      | -20.19                | 374.17                            | -7,446.10  | 8,230.98             | 7,964.66              | 266.32                  | 30.906            |                    |         |
| 7,050.00                                | 6,791.35            | 6,778.35            | 6,778.35            | 34.79           | 234.91      | -19.60                | 374.17                            | -7,446.10  | 8,195.06             | 7,927.53              | 267.53                  | 30.632            |                    |         |
| 7,100.00                                | 6,822.10            | 6,809.10            | 6,809.10            | 35.03           | 235.98      | -19.34                | 374.17                            | -7,446.10  | 8,156.55             | 7,887.92              | 268.63                  | 30.364            |                    |         |
| 7,150.00                                | 6,849.75            | 6,836.75            | 6,836.75            | 35.30           | 236.95      | -19.43                | 374.17                            | -7,446.10  | 8,115.67             | 7,846.06              | 269.61                  | 30.102            |                    |         |
| 7,200.00                                | 6,874.14            | 6,861.14            | 6,861.14            | 35.61           | 237.80      | -19.89                | 374.17                            | -7,446.10  | 8,072.68             | 7,802.21              | 270.47                  | 29.847            |                    |         |
| 7,250.00                                | 6,895.11            | 6,882.11            | 6,882.11            | 35.95           | 238.53      | -20.86                | 374.17                            | -7,446.10  | 8,027.84             | 7,756.64              | 271.20                  | 29.601            |                    |         |
| 7,300.00                                | 6,912.54            | 6,900.46            | 6,899.54            | 36.34           | 239.17      | -22.57                | 374.17                            | -7,446.10  | 7,981.43             | 7,709.59              | 271.84                  | 29.361            |                    |         |
| 7,350.00                                | 6,926.31            | 6,913.31            | 6,913.31            | 36.77           | 239.62      | -25.56                | 374.17                            | -7,446.10  | 7,933.73             | 7,661.44              | 272.29                  | 29.137            |                    |         |
| 7,400.00                                | 6,936.35            | 6,923.35            | 6,923.35            | 37.25           | 239.97      | -31.23                | 374.17                            | -7,446.10  | 7,885.04             | 7,612.40              | 272.63                  | 28.922            |                    |         |
| 7,450.00                                | 6,942.59            | 6,929.59            | 6,929.59            | 37.76           | 240.19      | -44.14                | 374.17                            | -7,446.10  | 7,835.65             | 7,562.80              | 272.85                  | 28.718            |                    |         |
| 7,500.00                                | 6,944.99            | 6,931.99            | 6,931.99            | 38.31           | 240.27      | -82.16                | 374.17                            | -7,446.10  | 7,785.86             | 7,512.93              | 272.94                  | 28.526            |                    |         |
| 7,512.10                                | 6,945.00            | 6,932.00            | 6,932.00            | 38.44           | 240.27      | -97.90                | 374.17                            | -7,446.10  | 7,773.79             | 7,500.85              | 272.94                  | 28.482            |                    |         |
| 7,600.00                                | 6,944.19            | 6,931.19            | 6,931.19            | 39.51           | 240.25      | -97.81                | 374.17                            | -7,446.10  | 7,686.08             | 7,413.17              | 272.92                  | 28.163            |                    |         |
| 7,700.00                                | 6,943.28            | 6,930.28            | 6,930.28            | 40.90           | 240.21      | -97.71                | 374.17                            | -7,446.10  | 7,586.31             | 7,313.41              | 272.90                  | 27.799            |                    |         |
| 7,800.00                                | 6,942.37            | 6,929.37            | 6,929.37            | 42.44           | 240.18      | -97.61                | 374.17                            | -7,446.10  | 7,486.55             | 7,213.66              | 272.88                  | 27.435            |                    |         |
| 7,900.00                                | 6,941.46            | 6,928.46            | 6,928.46            | 44.11           | 240.15      | -97.51                | 374.17                            | -7,446.10  | 7,386.78             | 7,113.91              | 272.87                  | 27.071            |                    |         |
| 8,000.00                                | 6,940.55            | 6,927.55            | 6,927.55            | 45.90           | 240.12      | -97.41                | 374.17                            | -7,446.10  | 7,287.03             | 7,014.17              | 272.86                  | 26.706            |                    |         |
| 8,100.00                                | 6,939.64            | 6,926.64            | 6,926.64            | 47.80           | 240.09      | -97.31                | 374.17                            | -7,446.10  | 7,187.28             | 6,914.43              | 272.86                  | 26.341            |                    |         |
| 8,200.00                                | 6,938.72            | 6,925.72            | 6,925.72            | 49.79           | 240.05      | -97.21                | 374.17                            | -7,446.10  | 7,087.54             | 6,814.69              | 272.85                  | 25.976            |                    |         |
| 8,300.00                                | 6,937.81            | 6,924.81            | 6,924.81            | 51.86           | 240.02      | -97.10                | 374.17                            | -7,446.10  | 6,987.81             | 6,714.96              | 272.85                  | 25.610            |                    |         |
| 8,400.00                                | 6,936.90            | 6,923.90            | 6,923.90            | 54.01           | 239.99      | -97.00                | 374.17                            | -7,446.10  | 6,888.08             | 6,615.23              | 272.85                  | 25.245            |                    |         |
| 8,500.00                                | 6,935.99            | 6,922.99            | 6,922.99            | 56.21           | 239.96      | -96.90                | 374.17                            | -7,446.10  | 6,788.37             | 6,515.50              | 272.86                  | 24.878            |                    |         |
| 8,600.00                                | 6,935.08            | 6,922.08            | 6,922.08            | 58.47           | 239.93      | -96.80                | 374.17                            | -7,446.10  | 6,688.66             | 6,415.78              | 272.87                  | 24.512            |                    |         |
| 8,700.00                                | 6,934.17            | 6,921.17            | 6,921.17            | 60.78           | 239.90      | -96.70                | 374.17                            | -7,446.10  | 6,588.96             | 6,316.07              | 272.89                  | 24.145            |                    |         |
| 8,800.00                                | 6,933.25            | 6,920.25            | 6,920.25            | 63.13           | 239.86      | -96.60                | 374.17                            | -7,446.10  | 6,489.26             | 6,216.36              | 272.91                  | 23.778            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                                | 6,932.34            | 6,919.34            | 6,919.34            | 65.52           | 239.83      | -96.50                | 374.17                            | -7,446.10  | 6,389.58             | 6,116.65              | 272.93                  | 23.411            |                    |         |
| 9,000.00                                | 6,931.43            | 6,918.43            | 6,918.43            | 67.95           | 239.80      | -96.40                | 374.17                            | -7,446.10  | 6,289.91             | 6,016.95              | 272.96                  | 23.043            |                    |         |
| 9,100.00                                | 6,930.52            | 6,917.52            | 6,917.52            | 70.40           | 239.77      | -96.30                | 374.17                            | -7,446.10  | 6,190.25             | 5,917.25              | 273.00                  | 22.675            |                    |         |
| 9,200.00                                | 6,929.61            | 6,916.61            | 6,916.61            | 72.89           | 239.74      | -96.20                | 374.17                            | -7,446.10  | 6,090.60             | 5,817.56              | 273.04                  | 22.307            |                    |         |
| 9,300.00                                | 6,928.69            | 6,915.69            | 6,915.69            | 75.40           | 239.70      | -96.09                | 374.17                            | -7,446.10  | 5,990.96             | 5,717.88              | 273.08                  | 21.938            |                    |         |
| 9,400.00                                | 6,927.78            | 6,914.78            | 6,914.78            | 77.93           | 239.67      | -95.99                | 374.17                            | -7,446.10  | 5,891.33             | 5,618.20              | 273.13                  | 21.569            |                    |         |
| 9,500.00                                | 6,926.87            | 6,913.87            | 6,913.87            | 80.48           | 239.64      | -95.89                | 374.17                            | -7,446.10  | 5,791.72             | 5,518.53              | 273.19                  | 21.200            |                    |         |
| 9,600.00                                | 6,925.96            | 6,912.96            | 6,912.96            | 83.05           | 239.61      | -95.79                | 374.17                            | -7,446.10  | 5,692.12             | 5,418.86              | 273.26                  | 20.831            |                    |         |
| 9,700.00                                | 6,925.05            | 6,912.05            | 6,912.05            | 85.64           | 239.58      | -95.69                | 374.17                            | -7,446.10  | 5,592.53             | 5,319.20              | 273.33                  | 20.461            |                    |         |
| 9,800.00                                | 6,924.14            | 6,911.14            | 6,911.14            | 88.25           | 239.55      | -95.59                | 374.17                            | -7,446.10  | 5,492.96             | 5,219.55              | 273.41                  | 20.090            |                    |         |
| 9,900.00                                | 6,923.22            | 6,910.22            | 6,910.22            | 90.86           | 239.51      | -95.49                | 374.17                            | -7,446.10  | 5,393.40             | 5,119.90              | 273.50                  | 19.720            |                    |         |
| 10,000.00                               | 6,922.31            | 6,909.31            | 6,909.31            | 93.50           | 239.48      | -95.38                | 374.17                            | -7,446.10  | 5,293.86             | 5,020.26              | 273.60                  | 19.349            |                    |         |
| 10,100.00                               | 6,921.40            | 6,908.40            | 6,908.40            | 96.14           | 239.45      | -95.28                | 374.17                            | -7,446.10  | 5,194.34             | 4,920.63              | 273.71                  | 18.977            |                    |         |
| 10,200.00                               | 6,920.49            | 6,907.49            | 6,907.49            | 98.79           | 239.42      | -95.18                | 374.17                            | -7,446.10  | 5,094.84             | 4,821.00              | 273.83                  | 18.606            |                    |         |
| 10,300.00                               | 6,919.58            | 6,906.58            | 6,906.58            | 101.45          | 239.39      | -95.08                | 374.17                            | -7,446.10  | 4,995.35             | 4,721.39              | 273.96                  | 18.234            |                    |         |
| 10,400.00                               | 6,918.67            | 6,905.67            | 6,905.67            | 104.13          | 239.35      | -94.98                | 374.17                            | -7,446.10  | 4,895.89             | 4,621.78              | 274.11                  | 17.861            |                    |         |
| 10,500.00                               | 6,917.75            | 6,904.75            | 6,904.75            | 106.81          | 239.32      | -94.88                | 374.17                            | -7,446.10  | 4,796.45             | 4,522.18              | 274.27                  | 17.488            |                    |         |
| 10,600.00                               | 6,916.84            | 6,903.84            | 6,903.84            | 109.50          | 239.29      | -94.77                | 374.17                            | -7,446.10  | 4,697.03             | 4,422.59              | 274.44                  | 17.115            |                    |         |
| 10,700.00                               | 6,915.93            | 6,902.93            | 6,902.93            | 112.19          | 239.26      | -94.67                | 374.17                            | -7,446.10  | 4,597.64             | 4,323.01              | 274.63                  | 16.741            |                    |         |
| 10,800.00                               | 6,915.02            | 6,902.02            | 6,902.02            | 114.90          | 239.23      | -94.57                | 374.17                            | -7,446.10  | 4,498.27             | 4,223.44              | 274.83                  | 16.367            |                    |         |
| 10,900.00                               | 6,914.11            | 6,901.11            | 6,901.11            | 117.61          | 239.20      | -94.47                | 374.17                            | -7,446.10  | 4,398.94             | 4,123.88              | 275.05                  | 15.993            |                    |         |
| 11,000.00                               | 6,913.20            | 6,900.20            | 6,900.20            | 120.32          | 239.16      | -94.37                | 374.17                            | -7,446.10  | 4,299.63             | 4,024.33              | 275.30                  | 15.618            |                    |         |
| 11,100.00                               | 6,912.28            | 6,900.72            | 6,899.28            | 123.04          | 239.18      | -94.26                | 374.17                            | -7,446.10  | 4,200.35             | 3,924.74              | 275.61                  | 15.240            |                    |         |
| 11,200.00                               | 6,911.37            | 6,901.63            | 6,898.37            | 125.77          | 239.21      | -94.16                | 374.17                            | -7,446.10  | 4,101.12             | 3,825.15              | 275.97                  | 14.861            |                    |         |
| 11,300.00                               | 6,910.46            | 6,902.54            | 6,897.46            | 128.50          | 239.25      | -94.06                | 374.17                            | -7,446.10  | 4,001.92             | 3,725.57              | 276.35                  | 14.481            |                    |         |
| 11,400.00                               | 6,909.55            | 6,903.45            | 6,896.55            | 131.24          | 239.28      | -93.96                | 374.17                            | -7,446.10  | 3,902.75             | 3,626.00              | 276.76                  | 14.102            |                    |         |
| 11,500.00                               | 6,908.64            | 6,904.36            | 6,895.64            | 133.98          | 239.31      | -93.86                | 374.17                            | -7,446.10  | 3,803.64             | 3,526.44              | 277.20                  | 13.722            |                    |         |
| 11,600.00                               | 6,907.73            | 6,905.27            | 6,894.73            | 136.72          | 239.34      | -93.75                | 374.17                            | -7,446.10  | 3,704.57             | 3,426.90              | 277.67                  | 13.342            |                    |         |
| 11,700.00                               | 6,906.81            | 6,906.19            | 6,893.81            | 139.47          | 239.37      | -93.65                | 374.17                            | -7,446.10  | 3,605.55             | 3,327.37              | 278.18                  | 12.961            |                    |         |
| 11,800.00                               | 6,905.90            | 6,907.10            | 6,892.90            | 142.22          | 239.40      | -93.55                | 374.17                            | -7,446.10  | 3,506.59             | 3,227.85              | 278.74                  | 12.580            |                    |         |
| 11,900.00                               | 6,904.99            | 6,908.01            | 6,891.99            | 144.97          | 239.44      | -93.45                | 374.17                            | -7,446.10  | 3,407.68             | 3,128.35              | 279.34                  | 12.199            |                    |         |
| 12,000.00                               | 6,904.08            | 6,908.92            | 6,891.08            | 147.73          | 239.47      | -93.35                | 374.17                            | -7,446.10  | 3,308.85             | 3,028.86              | 279.99                  | 11.818            |                    |         |
| 12,100.00                               | 6,903.17            | 6,909.83            | 6,890.17            | 150.49          | 239.50      | -93.24                | 374.17                            | -7,446.10  | 3,210.08             | 2,929.39              | 280.69                  | 11.436            |                    |         |
| 12,200.00                               | 6,902.26            | 6,889.26            | 6,889.26            | 153.26          | 238.78      | -93.14                | 374.17                            | -7,446.10  | 3,111.40             | 2,830.68              | 280.71                  | 11.084            |                    |         |
| 12,300.00                               | 6,901.34            | 6,888.34            | 6,888.34            | 156.02          | 238.75      | -93.04                | 374.17                            | -7,446.10  | 3,012.80             | 2,731.31              | 281.49                  | 10.703            |                    |         |
| 12,400.00                               | 6,900.43            | 6,887.43            | 6,887.43            | 158.79          | 238.72      | -92.94                | 374.17                            | -7,446.10  | 2,914.29             | 2,631.95              | 282.34                  | 10.322            |                    |         |
| 12,500.00                               | 6,899.52            | 6,886.52            | 6,886.52            | 161.56          | 238.69      | -92.84                | 374.17                            | -7,446.10  | 2,815.89             | 2,532.61              | 283.28                  | 9.940             |                    |         |
| 12,600.00                               | 6,898.61            | 6,885.61            | 6,885.61            | 164.34          | 238.65      | -92.73                | 374.17                            | -7,446.10  | 2,717.61             | 2,433.30              | 284.31                  | 9.559             |                    |         |
| 12,700.00                               | 6,897.70            | 6,884.70            | 6,884.70            | 167.11          | 238.62      | -92.63                | 374.17                            | -7,446.10  | 2,619.45             | 2,334.00              | 285.46                  | 9.176             |                    |         |
| 12,800.00                               | 6,896.79            | 6,883.79            | 6,883.79            | 169.89          | 238.59      | -92.53                | 374.17                            | -7,446.10  | 2,521.45             | 2,234.73              | 286.72                  | 8.794             |                    |         |
| 12,900.00                               | 6,895.87            | 6,882.87            | 6,882.87            | 172.67          | 238.56      | -92.43                | 374.17                            | -7,446.10  | 2,423.60             | 2,135.48              | 288.12                  | 8.412             |                    |         |
| 13,000.00                               | 6,894.96            | 6,881.96            | 6,881.96            | 175.45          | 238.53      | -92.32                | 374.17                            | -7,446.10  | 2,325.93             | 2,036.26              | 289.67                  | 8.029             |                    |         |
| 13,100.00                               | 6,894.05            | 6,881.05            | 6,881.05            | 178.23          | 238.49      | -92.22                | 374.17                            | -7,446.10  | 2,228.48             | 1,937.07              | 291.41                  | 7.647             |                    |         |
| 13,200.00                               | 6,893.14            | 6,880.14            | 6,880.14            | 181.02          | 238.46      | -92.12                | 374.17                            | -7,446.10  | 2,131.26             | 1,837.92              | 293.34                  | 7.266             |                    |         |
| 13,300.00                               | 6,892.23            | 6,879.23            | 6,879.23            | 183.80          | 238.43      | -92.02                | 374.17                            | -7,446.10  | 2,034.30             | 1,738.81              | 295.49                  | 6.884             |                    |         |
| 13,400.00                               | 6,891.31            | 6,878.31            | 6,878.31            | 186.59          | 238.40      | -91.91                | 374.17                            | -7,446.10  | 1,937.66             | 1,639.74              | 297.92                  | 6.504             |                    |         |
| 13,500.00                               | 6,890.40            | 6,877.40            | 6,877.40            | 189.38          | 238.37      | -91.81                | 374.17                            | -7,446.10  | 1,841.37             | 1,540.74              | 300.64                  | 6.125             |                    |         |
| 13,600.00                               | 6,889.49            | 6,876.49            | 6,876.49            | 192.17          | 238.34      | -91.71                | 374.17                            | -7,446.10  | 1,745.51             | 1,441.80              | 303.71                  | 5.747             |                    |         |
| 13,700.00                               | 6,888.58            | 6,875.58            | 6,875.58            | 194.97          | 238.30      | -91.61                | 374.17                            | -7,446.10  | 1,650.13             | 1,342.94              | 307.19                  | 5.372             |                    |         |
| 13,800.00                               | 6,887.67            | 6,874.67            | 6,874.67            | 197.76          | 238.27      | -91.51                | 374.17                            | -7,446.10  | 1,555.33             | 1,244.19              | 311.14                  | 4.999             |                    |         |
| 13,900.00                               | 6,886.76            | 6,873.76            | 6,873.76            | 200.56          | 238.24      | -91.40                | 374.17                            | -7,446.10  | 1,461.23             | 1,145.57              | 315.65                  | 4.629             |                    |         |
| 14,000.00                               | 6,885.84            | 6,872.84            | 6,872.84            | 203.35          | 238.21      | -91.30                | 374.17                            | -7,446.10  | 1,367.96             | 1,047.13              | 320.82                  | 4.264             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error:  | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|---------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error:  | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                     | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                     |         |
| 14,100.00                               | 6,884.93            | 6,871.93            | 6,871.93            | 206.15          | 238.18      | -91.20                | 374.17                            | -7,446.10  | 1,275.71             | 948.93                | 326.77                  | 3.904             |                     |         |
| 14,200.00                               | 6,884.02            | 6,871.02            | 6,871.02            | 208.95          | 238.14      | -91.10                | 374.17                            | -7,446.10  | 1,184.72             | 851.06                | 333.66                  | 3.551             |                     |         |
| 14,300.00                               | 6,883.11            | 6,870.11            | 6,870.11            | 211.75          | 238.11      | -90.99                | 374.17                            | -7,446.10  | 1,095.30             | 753.65                | 341.65                  | 3.206             |                     |         |
| 14,400.00                               | 6,882.20            | 6,869.20            | 6,869.20            | 214.55          | 238.08      | -90.89                | 374.17                            | -7,446.10  | 1,007.87             | 656.91                | 350.96                  | 2.872             |                     |         |
| 14,500.00                               | 6,881.29            | 6,868.29            | 6,868.29            | 217.35          | 238.05      | -90.79                | 374.17                            | -7,446.10  | 922.99               | 561.17                | 361.83                  | 2.551             |                     |         |
| 14,600.00                               | 6,880.37            | 6,867.37            | 6,867.37            | 220.15          | 238.02      | -90.69                | 374.17                            | -7,446.10  | 841.44               | 466.94                | 374.50                  | 2.247             |                     |         |
| 14,700.00                               | 6,879.46            | 6,866.46            | 6,866.46            | 222.95          | 237.99      | -90.58                | 374.17                            | -7,446.10  | 764.29               | 375.11                | 389.18                  | 1.964             |                     |         |
| 14,800.00                               | 6,878.55            | 6,865.55            | 6,865.55            | 225.76          | 237.95      | -90.48                | 374.17                            | -7,446.10  | 693.00               | 287.10                | 405.91                  | 1.707             |                     |         |
| 14,900.00                               | 6,877.64            | 6,864.64            | 6,864.64            | 228.56          | 237.92      | -90.38                | 374.17                            | -7,446.10  | 629.58               | 205.28                | 424.30                  | 1.484             | Level 3             |         |
| 15,000.00                               | 6,876.73            | 6,863.73            | 6,863.73            | 231.37          | 237.89      | -90.28                | 374.17                            | -7,446.10  | 576.61               | 133.38                | 443.22                  | 1.301             | Level 3             |         |
| 15,100.00                               | 6,875.82            | 6,862.82            | 6,862.82            | 234.18          | 237.86      | -90.17                | 374.17                            | -7,446.10  | 537.20               | 76.77                 | 460.43                  | 1.167             | Level 2             |         |
| 15,200.00                               | 6,874.90            | 6,861.90            | 6,861.90            | 236.98          | 237.83      | -90.07                | 374.17                            | -7,446.10  | 514.48               | 41.76                 | 472.72                  | 1.088             | Level 2             |         |
| 15,269.48                               | 6,874.27            | 6,861.27            | 6,861.27            | 238.93          | 237.80      | -90.00                | 374.17                            | -7,446.10  | 509.77               | 33.03                 | 476.74                  | 1.069             | Level 2, CC, ES, SF |         |
| 15,300.00                               | 6,873.99            | 6,860.99            | 6,860.99            | 239.79          | 237.79      | -89.97                | 374.17                            | -7,446.10  | 510.68               | 33.53                 | 477.15                  | 1.070             | Level 2             |         |
| 15,400.00                               | 6,873.08            | 6,860.08            | 6,860.08            | 242.60          | 237.76      | -89.87                | 374.17                            | -7,446.10  | 526.21               | 53.32                 | 472.89                  | 1.113             | Level 2             |         |
| 15,500.00                               | 6,872.17            | 6,859.17            | 6,859.17            | 245.41          | 237.73      | -89.76                | 374.17                            | -7,446.10  | 559.46               | 97.72                 | 461.74                  | 1.212             | Level 2             |         |
| 15,600.00                               | 6,871.26            | 6,858.26            | 6,858.26            | 248.22          | 237.70      | -89.66                | 374.17                            | -7,446.10  | 607.53               | 160.76                | 446.77                  | 1.360             | Level 3             |         |
| 15,700.00                               | 6,870.35            | 6,857.35            | 6,857.35            | 251.03          | 237.67      | -89.56                | 374.17                            | -7,446.10  | 667.23               | 236.51                | 430.72                  | 1.549             |                     |         |
| 15,737.91                               | 6,870.00            | 6,857.00            | 6,857.00            | 252.10          | 237.66      | -89.52                | 374.17                            | -7,446.10  | 692.29               | 267.55                | 424.74                  | 1.630             |                     |         |
| 15,738.53                               | 6,869.99            | 6,856.99            | 6,856.99            | 252.11          | 237.66      | -89.52                | 374.17                            | -7,446.10  | 692.71               | 268.07                | 424.64                  | 1.631             |                     |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                                    | 0.00                | 35.00               | 35.00               | 3.28            | 3.34        | -86.12                | 405.09                            | -5,980.48  | 5,994.18             |                       |                         |                   |                    |         |
| 100.00                                  | 100.00              | 135.00              | 135.00              | 3.28            | 4.42        | -86.12                | 405.09                            | -5,980.48  | 5,994.18             | 5,986.47              | 7.71                    | 777.681           |                    |         |
| 200.00                                  | 200.00              | 235.00              | 235.00              | 3.34            | 7.24        | -86.12                | 405.09                            | -5,980.48  | 5,994.18             | 5,983.60              | 10.58                   | 566.528           |                    |         |
| 300.00                                  | 300.00              | 335.00              | 335.00              | 3.44            | 10.48       | -86.12                | 405.09                            | -5,980.48  | 5,994.18             | 5,980.26              | 13.92                   | 430.586           |                    |         |
| 400.00                                  | 399.98              | 434.98              | 434.98              | 3.60            | 13.83       | -116.27               | 405.09                            | -5,980.48  | 5,994.95             | 5,977.52              | 17.44                   | 343.812           |                    |         |
| 500.00                                  | 499.84              | 534.84              | 534.84              | 3.81            | 17.24       | -116.27               | 405.09                            | -5,980.48  | 5,997.27             | 5,976.23              | 21.04                   | 284.975           |                    |         |
| 550.00                                  | 549.68              | 584.68              | 584.68              | 3.93            | 18.95       | -116.27               | 405.09                            | -5,980.48  | 5,999.01             | 5,976.14              | 22.87                   | 262.286           |                    |         |
| 600.00                                  | 599.45              | 634.45              | 634.45              | 4.06            | 20.67       | -118.57               | 405.09                            | -5,980.48  | 6,001.23             | 5,976.52              | 24.71                   | 242.865           |                    |         |
| 700.00                                  | 698.71              | 733.71              | 733.71              | 4.33            | 24.09       | -121.45               | 405.09                            | -5,980.48  | 6,007.36             | 5,978.95              | 28.41                   | 211.438           |                    |         |
| 800.00                                  | 797.49              | 832.49              | 832.49              | 4.64            | 27.51       | -123.17               | 405.09                            | -5,980.48  | 6,015.76             | 5,983.62              | 32.14                   | 187.189           |                    |         |
| 900.00                                  | 895.68              | 930.68              | 930.68              | 4.97            | 30.92       | -124.31               | 405.09                            | -5,980.48  | 6,026.43             | 5,990.55              | 35.88                   | 167.981           |                    |         |
| 1,000.00                                | 993.14              | 1,028.14            | 1,028.14            | 5.33            | 34.30       | -125.10               | 405.09                            | -5,980.48  | 6,039.38             | 5,999.76              | 39.62                   | 152.438           |                    |         |
| 1,039.84                                | 1,031.75            | 1,066.75            | 1,066.75            | 5.48            | 35.65       | -125.35               | 405.09                            | -5,980.48  | 6,045.18             | 6,004.06              | 41.11                   | 147.046           |                    |         |
| 1,100.00                                | 1,089.94            | 1,124.94            | 1,124.94            | 5.72            | 37.67       | -125.46               | 405.09                            | -5,980.48  | 6,054.21             | 6,010.85              | 43.36                   | 139.617           |                    |         |
| 1,200.00                                | 1,186.67            | 1,221.67            | 1,221.67            | 6.13            | 41.03       | -125.65               | 405.09                            | -5,980.48  | 6,069.30             | 6,022.17              | 47.12                   | 128.798           |                    |         |
| 1,300.00                                | 1,283.39            | 1,318.39            | 1,318.39            | 6.55            | 44.40       | -125.84               | 405.09                            | -5,980.48  | 6,084.44             | 6,033.55              | 50.90                   | 119.540           |                    |         |
| 1,400.00                                | 1,380.12            | 1,415.12            | 1,415.12            | 6.99            | 47.77       | -126.03               | 405.09                            | -5,980.48  | 6,099.66             | 6,044.97              | 54.69                   | 111.535           |                    |         |
| 1,500.00                                | 1,476.85            | 1,511.85            | 1,511.85            | 7.45            | 51.14       | -126.22               | 405.09                            | -5,980.48  | 6,114.95             | 6,056.46              | 58.49                   | 104.549           |                    |         |
| 1,600.00                                | 1,573.57            | 1,608.57            | 1,608.57            | 7.90            | 54.51       | -126.41               | 405.09                            | -5,980.48  | 6,130.30             | 6,068.00              | 62.30                   | 98.401            |                    |         |
| 1,700.00                                | 1,670.30            | 1,705.30            | 1,705.30            | 8.37            | 57.88       | -126.59               | 405.09                            | -5,980.48  | 6,145.72             | 6,079.60              | 66.12                   | 92.953            |                    |         |
| 1,800.00                                | 1,767.03            | 1,802.03            | 1,802.03            | 8.85            | 61.25       | -126.78               | 405.09                            | -5,980.48  | 6,161.20             | 6,091.26              | 69.94                   | 88.092            |                    |         |
| 1,900.00                                | 1,863.75            | 1,901.25            | 1,898.75            | 9.32            | 64.71       | -126.96               | 405.09                            | -5,980.48  | 6,176.75             | 6,102.89              | 73.86                   | 83.632            |                    |         |
| 2,000.00                                | 1,960.48            | 2,004.52            | 1,995.48            | 9.81            | 68.31       | -127.15               | 405.09                            | -5,980.48  | 6,192.37             | 6,114.45              | 77.92                   | 79.472            |                    |         |
| 2,100.00                                | 2,057.21            | 2,107.79            | 2,092.21            | 10.29           | 71.91       | -127.33               | 405.09                            | -5,980.48  | 6,208.04             | 6,126.06              | 81.98                   | 75.722            |                    |         |
| 2,200.00                                | 2,153.93            | 2,188.93            | 2,188.93            | 10.78           | 74.74       | -127.51               | 405.09                            | -5,980.48  | 6,223.79             | 6,138.51              | 85.28                   | 72.979            |                    |         |
| 2,300.00                                | 2,250.66            | 2,285.66            | 2,285.66            | 11.28           | 78.12       | -127.69               | 405.09                            | -5,980.48  | 6,239.59             | 6,150.47              | 89.13                   | 70.009            |                    |         |
| 2,400.00                                | 2,347.39            | 2,382.39            | 2,382.39            | 11.77           | 81.49       | -127.87               | 405.09                            | -5,980.48  | 6,255.46             | 6,162.49              | 92.97                   | 67.283            |                    |         |
| 2,500.00                                | 2,444.11            | 2,479.11            | 2,479.11            | 12.27           | 84.86       | -128.05               | 405.09                            | -5,980.48  | 6,271.40             | 6,174.57              | 96.82                   | 64.773            |                    |         |
| 2,600.00                                | 2,540.84            | 2,575.84            | 2,575.84            | 12.77           | 88.24       | -128.23               | 405.09                            | -5,980.48  | 6,287.39             | 6,186.72              | 100.67                  | 62.454            |                    |         |
| 2,700.00                                | 2,637.57            | 2,672.57            | 2,672.57            | 13.27           | 91.61       | -128.41               | 405.09                            | -5,980.48  | 6,303.44             | 6,198.92              | 104.52                  | 60.306            |                    |         |
| 2,800.00                                | 2,734.30            | 2,769.30            | 2,769.30            | 13.78           | 94.99       | -128.58               | 405.09                            | -5,980.48  | 6,319.56             | 6,211.18              | 108.38                  | 58.311            |                    |         |
| 2,900.00                                | 2,831.02            | 2,866.02            | 2,866.02            | 14.28           | 98.36       | -128.76               | 405.09                            | -5,980.48  | 6,335.74             | 6,223.51              | 112.23                  | 56.452            |                    |         |
| 3,000.00                                | 2,927.75            | 2,962.75            | 2,962.75            | 14.79           | 101.74      | -128.94               | 405.09                            | -5,980.48  | 6,351.98             | 6,235.89              | 116.09                  | 54.717            |                    |         |
| 3,100.00                                | 3,024.48            | 3,059.48            | 3,059.48            | 15.29           | 105.11      | -129.11               | 405.09                            | -5,980.48  | 6,368.27             | 6,248.33              | 119.94                  | 53.093            |                    |         |
| 3,200.00                                | 3,121.20            | 3,156.20            | 3,156.20            | 15.80           | 108.49      | -129.28               | 405.09                            | -5,980.48  | 6,384.63             | 6,260.83              | 123.80                  | 51.571            |                    |         |
| 3,300.00                                | 3,217.93            | 3,252.93            | 3,252.93            | 16.31           | 111.86      | -129.46               | 405.09                            | -5,980.48  | 6,401.04             | 6,273.38              | 127.66                  | 50.141            |                    |         |
| 3,400.00                                | 3,314.66            | 3,349.66            | 3,349.66            | 16.82           | 115.24      | -129.63               | 405.09                            | -5,980.48  | 6,417.52             | 6,286.00              | 131.52                  | 48.795            |                    |         |
| 3,500.00                                | 3,411.38            | 3,446.38            | 3,446.38            | 17.33           | 118.61      | -129.80               | 405.09                            | -5,980.48  | 6,434.05             | 6,298.67              | 135.38                  | 47.526            |                    |         |
| 3,600.00                                | 3,508.11            | 3,543.11            | 3,543.11            | 17.84           | 121.99      | -129.97               | 405.09                            | -5,980.48  | 6,450.64             | 6,311.40              | 139.24                  | 46.327            |                    |         |
| 3,700.00                                | 3,604.84            | 3,639.84            | 3,639.84            | 18.36           | 125.36      | -130.14               | 405.09                            | -5,980.48  | 6,467.28             | 6,324.18              | 143.10                  | 45.194            |                    |         |
| 3,800.00                                | 3,701.56            | 3,736.56            | 3,736.56            | 18.87           | 128.74      | -130.30               | 405.09                            | -5,980.48  | 6,483.99             | 6,337.03              | 146.96                  | 44.120            |                    |         |
| 3,900.00                                | 3,798.29            | 3,833.29            | 3,833.29            | 19.38           | 132.12      | -130.47               | 405.09                            | -5,980.48  | 6,500.75             | 6,349.92              | 150.82                  | 43.102            |                    |         |
| 4,000.00                                | 3,895.02            | 3,930.02            | 3,930.02            | 19.89           | 135.49      | -130.64               | 405.09                            | -5,980.48  | 6,517.56             | 6,362.88              | 154.69                  | 42.134            |                    |         |
| 4,100.00                                | 3,991.74            | 4,026.74            | 4,026.74            | 20.41           | 138.87      | -130.80               | 405.09                            | -5,980.48  | 6,534.43             | 6,375.88              | 158.55                  | 41.214            |                    |         |
| 4,200.00                                | 4,088.47            | 4,123.47            | 4,123.47            | 20.92           | 142.24      | -130.97               | 405.09                            | -5,980.48  | 6,551.35             | 6,388.95              | 162.41                  | 40.338            |                    |         |
| 4,300.00                                | 4,185.20            | 4,220.20            | 4,220.20            | 21.44           | 145.62      | -131.13               | 405.09                            | -5,980.48  | 6,568.33             | 6,402.06              | 166.27                  | 39.504            |                    |         |
| 4,400.00                                | 4,281.92            | 4,316.92            | 4,316.92            | 21.95           | 148.99      | -131.30               | 405.09                            | -5,980.48  | 6,585.37             | 6,415.23              | 170.13                  | 38.707            |                    |         |
| 4,500.00                                | 4,378.65            | 4,413.65            | 4,413.65            | 22.47           | 152.37      | -131.46               | 405.09                            | -5,980.48  | 6,602.45             | 6,428.46              | 174.00                  | 37.946            |                    |         |
| 4,600.00                                | 4,475.38            | 4,510.38            | 4,510.38            | 22.99           | 155.75      | -131.62               | 405.09                            | -5,980.48  | 6,619.59             | 6,441.73              | 177.86                  | 37.218            |                    |         |
| 4,700.00                                | 4,572.10            | 4,607.10            | 4,607.10            | 23.50           | 159.12      | -131.78               | 405.09                            | -5,980.48  | 6,636.79             | 6,455.06              | 181.72                  | 36.521            |                    |         |
| 4,800.00                                | 4,668.83            | 4,703.83            | 4,703.83            | 24.02           | 162.50      | -131.94               | 405.09                            | -5,980.48  | 6,654.03             | 6,468.44              | 185.59                  | 35.854            |                    |         |
| 4,900.00                                | 4,765.56            | 4,800.56            | 4,800.56            | 24.53           | 165.87      | -132.10               | 405.09                            | -5,980.48  | 6,671.33             | 6,481.88              | 189.45                  | 35.214            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                                | 4,862.28            | 4,902.72            | 4,897.28            | 25.05           | 169.44      | -132.26               | 405.09                            | -5,980.48  | 6,688.68             | 6,495.17              | 193.50                  | 34.566            |                    |         |
| 5,100.00                                | 4,959.01            | 5,005.99            | 4,994.01            | 25.57           | 173.05      | -132.42               | 405.09                            | -5,980.48  | 6,706.07             | 6,508.48              | 197.59                  | 33.939            |                    |         |
| 5,200.00                                | 5,055.74            | 5,109.26            | 5,090.74            | 26.09           | 176.65      | -132.57               | 405.09                            | -5,980.48  | 6,723.53             | 6,521.84              | 201.69                  | 33.337            |                    |         |
| 5,300.00                                | 5,152.46            | 5,187.46            | 5,187.46            | 26.60           | 179.38      | -132.73               | 405.09                            | -5,980.48  | 6,741.03             | 6,536.12              | 204.90                  | 32.899            |                    |         |
| 5,400.00                                | 5,249.19            | 5,284.19            | 5,284.19            | 27.12           | 182.76      | -132.88               | 405.09                            | -5,980.48  | 6,758.58             | 6,549.81              | 208.77                  | 32.374            |                    |         |
| 5,500.00                                | 5,345.92            | 5,380.92            | 5,380.92            | 27.64           | 186.13      | -133.04               | 405.09                            | -5,980.48  | 6,776.18             | 6,563.55              | 212.63                  | 31.868            |                    |         |
| 5,600.00                                | 5,442.65            | 5,477.65            | 5,477.65            | 28.16           | 189.51      | -133.19               | 405.09                            | -5,980.48  | 6,793.83             | 6,577.33              | 216.49                  | 31.381            |                    |         |
| 5,700.00                                | 5,539.37            | 5,574.37            | 5,574.37            | 28.68           | 192.88      | -133.35               | 405.09                            | -5,980.48  | 6,811.52             | 6,591.17              | 220.36                  | 30.911            |                    |         |
| 5,800.00                                | 5,636.10            | 5,671.10            | 5,671.10            | 29.20           | 196.26      | -133.50               | 405.09                            | -5,980.48  | 6,829.27             | 6,605.05              | 224.22                  | 30.458            |                    |         |
| 5,900.00                                | 5,732.83            | 5,767.83            | 5,767.83            | 29.71           | 199.64      | -133.65               | 405.09                            | -5,980.48  | 6,847.06             | 6,618.98              | 228.08                  | 30.020            |                    |         |
| 6,000.00                                | 5,829.55            | 5,864.55            | 5,864.55            | 30.23           | 203.01      | -133.80               | 405.09                            | -5,980.48  | 6,864.91             | 6,632.96              | 231.95                  | 29.597            |                    |         |
| 6,100.00                                | 5,926.28            | 5,961.28            | 5,961.28            | 30.75           | 206.39      | -133.95               | 405.09                            | -5,980.48  | 6,882.80             | 6,646.99              | 235.81                  | 29.188            |                    |         |
| 6,200.00                                | 6,023.01            | 6,058.01            | 6,058.01            | 31.27           | 209.77      | -134.10               | 405.09                            | -5,980.48  | 6,900.73             | 6,661.06              | 239.67                  | 28.792            |                    |         |
| 6,300.00                                | 6,119.73            | 6,154.73            | 6,154.73            | 31.79           | 213.14      | -134.25               | 405.09                            | -5,980.48  | 6,918.72             | 6,675.18              | 243.54                  | 28.409            |                    |         |
| 6,397.75                                | 6,214.28            | 6,249.28            | 6,249.28            | 32.30           | 216.44      | -134.39               | 405.09                            | -5,980.48  | 6,936.34             | 6,689.03              | 247.31                  | 28.047            |                    |         |
| 6,400.00                                | 6,216.46            | 6,251.46            | 6,251.46            | 32.31           | 216.52      | -133.80               | 405.09                            | -5,980.48  | 6,936.74             | 6,689.34              | 247.40                  | 28.039            |                    |         |
| 6,450.00                                | 6,265.12            | 6,300.12            | 6,300.12            | 32.56           | 218.22      | -117.76               | 405.09                            | -5,980.48  | 6,943.66             | 6,694.33              | 249.33                  | 27.849            |                    |         |
| 6,500.00                                | 6,314.12            | 6,349.12            | 6,349.12            | 32.78           | 219.93      | -96.37                | 405.09                            | -5,980.48  | 6,946.70             | 6,695.43              | 251.27                  | 27.646            |                    |         |
| 6,550.00                                | 6,363.16            | 6,401.84            | 6,398.16            | 32.99           | 221.77      | -74.20                | 405.09                            | -5,980.48  | 6,945.83             | 6,692.51              | 253.32                  | 27.420            |                    |         |
| 6,600.00                                | 6,411.94            | 6,446.94            | 6,446.94            | 33.18           | 223.34      | -56.76                | 405.09                            | -5,980.48  | 6,941.06             | 6,685.99              | 255.08                  | 27.212            |                    |         |
| 6,650.00                                | 6,460.15            | 6,504.85            | 6,495.15            | 33.35           | 225.36      | -44.92                | 405.09                            | -5,980.48  | 6,932.43             | 6,675.17              | 257.26                  | 26.947            |                    |         |
| 6,700.00                                | 6,507.49            | 6,542.49            | 6,542.49            | 33.52           | 226.68      | -37.08                | 405.09                            | -5,980.48  | 6,919.98             | 6,661.26              | 258.72                  | 26.747            |                    |         |
| 6,750.00                                | 6,553.69            | 6,588.69            | 6,588.69            | 33.69           | 228.29      | -31.79                | 405.09                            | -5,980.48  | 6,903.80             | 6,643.34              | 260.46                  | 26.506            |                    |         |
| 6,800.00                                | 6,598.44            | 6,633.44            | 6,633.44            | 33.85           | 229.85      | -28.12                | 405.09                            | -5,980.48  | 6,883.98             | 6,621.86              | 262.13                  | 26.262            |                    |         |
| 6,850.00                                | 6,641.47            | 6,676.47            | 6,676.47            | 34.02           | 231.35      | -25.52                | 405.09                            | -5,980.48  | 6,860.65             | 6,596.93              | 263.72                  | 26.015            |                    |         |
| 6,900.00                                | 6,682.53            | 6,717.53            | 6,717.53            | 34.19           | 232.79      | -23.67                | 405.09                            | -5,980.48  | 6,833.95             | 6,568.72              | 265.23                  | 25.766            |                    |         |
| 6,950.00                                | 6,721.35            | 6,756.35            | 6,756.35            | 34.38           | 234.14      | -22.39                | 405.09                            | -5,980.48  | 6,804.03             | 6,537.39              | 266.64                  | 25.518            |                    |         |
| 7,000.00                                | 6,757.70            | 6,807.30            | 6,792.70            | 34.57           | 235.92      | -21.55                | 405.09                            | -5,980.48  | 6,771.10             | 6,502.64              | 268.46                  | 25.222            |                    |         |
| 7,050.00                                | 6,791.35            | 6,826.35            | 6,826.35            | 34.79           | 236.59      | -21.10                | 405.09                            | -5,980.48  | 6,735.35             | 6,466.18              | 269.16                  | 25.023            |                    |         |
| 7,100.00                                | 6,822.10            | 6,857.10            | 6,857.10            | 35.03           | 237.66      | -21.02                | 405.09                            | -5,980.48  | 6,696.99             | 6,426.73              | 270.26                  | 24.780            |                    |         |
| 7,150.00                                | 6,849.75            | 6,884.75            | 6,884.75            | 35.30           | 238.62      | -21.31                | 405.09                            | -5,980.48  | 6,656.27             | 6,385.03              | 271.24                  | 24.540            |                    |         |
| 7,200.00                                | 6,874.14            | 6,909.14            | 6,909.14            | 35.61           | 239.48      | -22.06                | 405.09                            | -5,980.48  | 6,613.42             | 6,341.33              | 272.10                  | 24.305            |                    |         |
| 7,250.00                                | 6,895.11            | 6,930.11            | 6,930.11            | 35.95           | 240.21      | -23.41                | 405.09                            | -5,980.48  | 6,568.73             | 6,295.90              | 272.83                  | 24.076            |                    |         |
| 7,300.00                                | 6,912.54            | 6,947.54            | 6,947.54            | 36.34           | 240.82      | -25.65                | 405.09                            | -5,980.48  | 6,522.45             | 6,249.01              | 273.44                  | 23.853            |                    |         |
| 7,350.00                                | 6,926.31            | 6,961.31            | 6,961.31            | 36.77           | 241.30      | -29.42                | 405.09                            | -5,980.48  | 6,474.88             | 6,200.96              | 273.92                  | 23.638            |                    |         |
| 7,400.00                                | 6,936.35            | 6,971.35            | 6,971.35            | 37.25           | 241.65      | -36.24                | 405.09                            | -5,980.48  | 6,426.30             | 6,152.03              | 274.27                  | 23.431            |                    |         |
| 7,450.00                                | 6,942.59            | 6,977.59            | 6,977.59            | 37.76           | 241.86      | -50.47                | 405.09                            | -5,980.48  | 6,377.01             | 6,102.53              | 274.49                  | 23.233            |                    |         |
| 7,500.00                                | 6,944.99            | 6,979.99            | 6,979.99            | 38.31           | 241.95      | -83.97                | 405.09                            | -5,980.48  | 6,327.32             | 6,052.74              | 274.57                  | 23.044            |                    |         |
| 7,512.10                                | 6,945.00            | 6,980.00            | 6,980.00            | 38.44           | 241.95      | -95.99                | 405.09                            | -5,980.48  | 6,315.26             | 6,040.69              | 274.58                  | 23.000            |                    |         |
| 7,600.00                                | 6,944.19            | 6,979.19            | 6,979.19            | 39.51           | 241.92      | -95.91                | 405.09                            | -5,980.48  | 6,227.70             | 5,953.14              | 274.56                  | 22.682            |                    |         |
| 7,700.00                                | 6,943.28            | 6,978.28            | 6,978.28            | 40.90           | 241.89      | -95.81                | 405.09                            | -5,980.48  | 6,128.10             | 5,853.55              | 274.55                  | 22.320            |                    |         |
| 7,800.00                                | 6,942.37            | 6,977.37            | 6,977.37            | 42.44           | 241.86      | -95.72                | 405.09                            | -5,980.48  | 6,028.51             | 5,753.97              | 274.54                  | 21.958            |                    |         |
| 7,900.00                                | 6,941.46            | 6,976.46            | 6,976.46            | 44.11           | 241.83      | -95.62                | 405.09                            | -5,980.48  | 5,928.93             | 5,654.39              | 274.54                  | 21.596            |                    |         |
| 8,000.00                                | 6,940.55            | 6,975.55            | 6,975.55            | 45.90           | 241.79      | -95.53                | 405.09                            | -5,980.48  | 5,829.37             | 5,554.83              | 274.54                  | 21.233            |                    |         |
| 8,100.00                                | 6,939.64            | 6,974.64            | 6,974.64            | 47.80           | 241.76      | -95.43                | 405.09                            | -5,980.48  | 5,729.82             | 5,455.27              | 274.55                  | 20.870            |                    |         |
| 8,200.00                                | 6,938.72            | 6,973.72            | 6,973.72            | 49.79           | 241.73      | -95.34                | 405.09                            | -5,980.48  | 5,630.29             | 5,355.73              | 274.56                  | 20.506            |                    |         |
| 8,300.00                                | 6,937.81            | 6,972.81            | 6,972.81            | 51.86           | 241.70      | -95.25                | 405.09                            | -5,980.48  | 5,530.78             | 5,256.19              | 274.58                  | 20.143            |                    |         |
| 8,400.00                                | 6,936.90            | 6,971.90            | 6,971.90            | 54.01           | 241.67      | -95.15                | 405.09                            | -5,980.48  | 5,431.28             | 5,156.67              | 274.60                  | 19.779            |                    |         |
| 8,500.00                                | 6,935.99            | 6,970.99            | 6,970.99            | 56.21           | 241.63      | -95.06                | 405.09                            | -5,980.48  | 5,331.80             | 5,057.16              | 274.64                  | 19.414            |                    |         |
| 8,600.00                                | 6,935.08            | 6,970.08            | 6,970.08            | 58.47           | 241.60      | -94.96                | 405.09                            | -5,980.48  | 5,232.34             | 4,957.67              | 274.67                  | 19.049            |                    |         |
| 8,700.00                                | 6,934.17            | 6,969.17            | 6,969.17            | 60.78           | 241.57      | -94.87                | 405.09                            | -5,980.48  | 5,132.90             | 4,858.18              | 274.72                  | 18.684            |                    |         |
| 8,800.00                                | 6,933.25            | 6,968.25            | 6,968.25            | 63.13           | 241.54      | -94.77                | 405.09                            | -5,980.48  | 5,033.49             | 4,758.71              | 274.77                  | 18.319            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                           | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|---------------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                           | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                           |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor         |                    |         |
| 8,900.00                                | 6,932.34            | 6,967.34            | 6,967.34            | 65.52           | 241.51      | -94.68                | 405.09                            | -5,980.48  | 4,934.09             | 4,659.26              | 274.84                  | 17.953                    |                    |         |
| 9,000.00                                | 6,931.43            | 6,966.43            | 6,966.43            | 67.95           | 241.48      | -94.58                | 405.09                            | -5,980.48  | 4,834.73             | 4,559.81              | 274.91                  | 17.587                    |                    |         |
| 9,100.00                                | 6,930.52            | 6,965.52            | 6,965.52            | 70.40           | 241.44      | -94.49                | 405.09                            | -5,980.48  | 4,735.38             | 4,460.39              | 274.99                  | 17.220                    |                    |         |
| 9,200.00                                | 6,929.61            | 6,964.61            | 6,964.61            | 72.89           | 241.41      | -94.39                | 405.09                            | -5,980.48  | 4,636.07             | 4,360.98              | 275.09                  | 16.853                    |                    |         |
| 9,300.00                                | 6,928.69            | 6,963.69            | 6,963.69            | 75.40           | 241.38      | -94.30                | 405.09                            | -5,980.48  | 4,536.79             | 4,261.59              | 275.20                  | 16.485                    |                    |         |
| 9,400.00                                | 6,927.78            | 6,962.78            | 6,962.78            | 77.93           | 241.35      | -94.20                | 405.09                            | -5,980.48  | 4,437.54             | 4,162.21              | 275.32                  | 16.118                    |                    |         |
| 9,500.00                                | 6,926.87            | 6,961.87            | 6,961.87            | 80.48           | 241.32      | -94.11                | 405.09                            | -5,980.48  | 4,338.32             | 4,062.86              | 275.46                  | 15.749                    |                    |         |
| 9,600.00                                | 6,925.96            | 6,960.96            | 6,960.96            | 83.05           | 241.28      | -94.01                | 405.09                            | -5,980.48  | 4,239.14             | 3,963.53              | 275.61                  | 15.381                    |                    |         |
| 9,700.00                                | 6,925.05            | 6,960.05            | 6,960.05            | 85.64           | 241.25      | -93.92                | 405.09                            | -5,980.48  | 4,140.00             | 3,864.21              | 275.79                  | 15.012                    |                    |         |
| 9,800.00                                | 6,924.14            | 6,959.14            | 6,959.14            | 88.25           | 241.22      | -93.82                | 405.09                            | -5,980.48  | 4,040.90             | 3,764.92              | 275.98                  | 14.642                    |                    |         |
| 9,900.00                                | 6,923.22            | 6,958.22            | 6,958.22            | 90.86           | 241.19      | -93.73                | 405.09                            | -5,980.48  | 3,941.84             | 3,665.65              | 276.19                  | 14.272                    |                    |         |
| 10,000.00                               | 6,922.31            | 6,957.31            | 6,957.31            | 93.50           | 241.16      | -93.63                | 405.09                            | -5,980.48  | 3,842.84             | 3,566.41              | 276.43                  | 13.902                    |                    |         |
| 10,100.00                               | 6,921.40            | 6,956.40            | 6,956.40            | 96.14           | 241.13      | -93.54                | 405.09                            | -5,980.48  | 3,743.89             | 3,467.19              | 276.70                  | 13.531                    |                    |         |
| 10,200.00                               | 6,920.49            | 6,955.49            | 6,955.49            | 98.79           | 241.09      | -93.44                | 405.09                            | -5,980.48  | 3,644.99             | 3,368.00              | 276.99                  | 13.159                    |                    |         |
| 10,300.00                               | 6,919.58            | 6,954.58            | 6,954.58            | 101.45          | 241.06      | -93.34                | 405.09                            | -5,980.48  | 3,546.16             | 3,268.84              | 277.32                  | 12.787                    |                    |         |
| 10,400.00                               | 6,918.67            | 6,953.67            | 6,953.67            | 104.13          | 241.03      | -93.25                | 405.09                            | -5,980.48  | 3,447.39             | 3,169.71              | 277.68                  | 12.415                    |                    |         |
| 10,500.00                               | 6,917.75            | 6,952.75            | 6,952.75            | 106.81          | 241.00      | -93.15                | 405.09                            | -5,980.48  | 3,348.70             | 3,070.61              | 278.09                  | 12.042                    |                    |         |
| 10,600.00                               | 6,916.84            | 6,951.84            | 6,951.84            | 109.50          | 240.97      | -93.06                | 405.09                            | -5,980.48  | 3,250.08             | 2,971.55              | 278.53                  | 11.669                    |                    |         |
| 10,700.00                               | 6,915.93            | 6,950.93            | 6,950.93            | 112.19          | 240.93      | -92.96                | 405.09                            | -5,980.48  | 3,151.56             | 2,872.53              | 279.03                  | 11.295                    |                    |         |
| 10,800.00                               | 6,915.02            | 6,950.02            | 6,950.02            | 114.90          | 240.90      | -92.87                | 405.09                            | -5,980.48  | 3,053.13             | 2,773.54              | 279.59                  | 10.920                    |                    |         |
| 10,900.00                               | 6,914.11            | 6,949.11            | 6,949.11            | 117.61          | 240.87      | -92.77                | 405.09                            | -5,980.48  | 2,954.80             | 2,674.60              | 280.20                  | 10.545                    |                    |         |
| 11,000.00                               | 6,913.20            | 6,948.20            | 6,948.20            | 120.32          | 240.84      | -92.68                | 405.09                            | -5,980.48  | 2,856.59             | 2,575.70              | 280.89                  | 10.170                    |                    |         |
| 11,100.00                               | 6,912.28            | 6,947.28            | 6,947.28            | 123.04          | 240.81      | -92.58                | 405.09                            | -5,980.48  | 2,758.51             | 2,476.86              | 281.65                  | 9.794                     |                    |         |
| 11,200.00                               | 6,911.37            | 6,946.37            | 6,946.37            | 125.77          | 240.78      | -92.49                | 405.09                            | -5,980.48  | 2,660.57             | 2,378.07              | 282.50                  | 9.418                     |                    |         |
| 11,300.00                               | 6,910.46            | 6,945.46            | 6,945.46            | 128.50          | 240.74      | -92.39                | 405.09                            | -5,980.48  | 2,562.79             | 2,279.34              | 283.45                  | 9.041                     |                    |         |
| 11,400.00                               | 6,909.55            | 6,944.55            | 6,944.55            | 131.24          | 240.71      | -92.30                | 405.09                            | -5,980.48  | 2,465.18             | 2,180.67              | 284.51                  | 8.665                     |                    |         |
| 11,500.00                               | 6,908.64            | 6,943.64            | 6,943.64            | 133.98          | 240.68      | -92.20                | 405.09                            | -5,980.48  | 2,367.78             | 2,082.08              | 285.70                  | 8.288                     |                    |         |
| 11,600.00                               | 6,907.73            | 6,942.73            | 6,942.73            | 136.72          | 240.65      | -92.11                | 405.09                            | -5,980.48  | 2,270.60             | 1,983.57              | 287.03                  | 7.911                     |                    |         |
| 11,700.00                               | 6,906.81            | 6,941.81            | 6,941.81            | 139.47          | 240.62      | -92.01                | 405.09                            | -5,980.48  | 2,173.68             | 1,885.15              | 288.53                  | 7.534                     |                    |         |
| 11,800.00                               | 6,905.90            | 6,940.90            | 6,940.90            | 142.22          | 240.58      | -91.91                | 405.09                            | -5,980.48  | 2,077.05             | 1,786.83              | 290.21                  | 7.157                     |                    |         |
| 11,900.00                               | 6,904.99            | 6,939.99            | 6,939.99            | 144.97          | 240.55      | -91.82                | 405.09                            | -5,980.48  | 1,980.75             | 1,688.64              | 292.12                  | 6.781                     |                    |         |
| 12,000.00                               | 6,904.08            | 6,939.08            | 6,939.08            | 147.73          | 240.52      | -91.72                | 405.09                            | -5,980.48  | 1,884.84             | 1,590.58              | 294.26                  | 6.405                     |                    |         |
| 12,100.00                               | 6,903.17            | 6,938.17            | 6,938.17            | 150.49          | 240.49      | -91.63                | 405.09                            | -5,980.48  | 1,789.37             | 1,492.68              | 296.70                  | 6.031                     |                    |         |
| 12,200.00                               | 6,902.26            | 6,937.26            | 6,937.26            | 153.26          | 240.46      | -91.53                | 405.09                            | -5,980.48  | 1,694.43             | 1,394.97              | 299.46                  | 5.658                     |                    |         |
| 12,300.00                               | 6,901.34            | 6,936.34            | 6,936.34            | 156.02          | 240.43      | -91.44                | 405.09                            | -5,980.48  | 1,600.11             | 1,297.49              | 302.62                  | 5.288                     |                    |         |
| 12,400.00                               | 6,900.43            | 6,935.43            | 6,935.43            | 158.79          | 240.39      | -91.34                | 405.09                            | -5,980.48  | 1,506.51             | 1,200.29              | 306.22                  | 4.920                     |                    |         |
| 12,500.00                               | 6,899.52            | 6,934.52            | 6,934.52            | 161.56          | 240.36      | -91.25                | 405.09                            | -5,980.48  | 1,413.79             | 1,103.44              | 310.36                  | 4.555                     |                    |         |
| 12,600.00                               | 6,898.61            | 6,933.61            | 6,933.61            | 164.34          | 240.33      | -91.15                | 405.09                            | -5,980.48  | 1,322.14             | 1,007.02              | 315.11                  | 4.196                     |                    |         |
| 12,700.00                               | 6,897.70            | 6,932.70            | 6,932.70            | 167.11          | 240.30      | -91.05                | 405.09                            | -5,980.48  | 1,231.78             | 911.17                | 320.61                  | 3.842                     |                    |         |
| 12,800.00                               | 6,896.79            | 6,931.79            | 6,931.79            | 169.89          | 240.27      | -90.96                | 405.09                            | -5,980.48  | 1,143.03             | 816.05                | 326.97                  | 3.496                     |                    |         |
| 12,900.00                               | 6,895.87            | 6,930.87            | 6,930.87            | 172.67          | 240.23      | -90.86                | 405.09                            | -5,980.48  | 1,056.29             | 721.92                | 334.36                  | 3.159                     |                    |         |
| 13,000.00                               | 6,894.96            | 6,929.96            | 6,929.96            | 175.45          | 240.20      | -90.77                | 405.09                            | -5,980.48  | 972.10               | 629.15                | 342.95                  | 2.835                     |                    |         |
| 13,100.00                               | 6,894.05            | 6,929.05            | 6,929.05            | 178.23          | 240.17      | -90.67                | 405.09                            | -5,980.48  | 891.18               | 538.28                | 352.90                  | 2.525                     |                    |         |
| 13,200.00                               | 6,893.14            | 6,928.14            | 6,928.14            | 181.02          | 240.14      | -90.58                | 405.09                            | -5,980.48  | 814.51               | 450.15                | 364.35                  | 2.235                     |                    |         |
| 13,300.00                               | 6,892.23            | 6,927.23            | 6,927.23            | 183.80          | 240.11      | -90.48                | 405.09                            | -5,980.48  | 743.40               | 366.06                | 377.34                  | 1.970                     |                    |         |
| 13,400.00                               | 6,891.31            | 6,926.31            | 6,926.31            | 186.59          | 240.08      | -90.39                | 405.09                            | -5,980.48  | 679.61               | 287.99                | 391.61                  | 1.735                     |                    |         |
| 13,500.00                               | 6,890.40            | 6,925.40            | 6,925.40            | 189.38          | 240.04      | -90.29                | 405.09                            | -5,980.48  | 625.37               | 218.89                | 406.48                  | 1.539                     |                    |         |
| 13,600.00                               | 6,889.49            | 6,924.49            | 6,924.49            | 192.17          | 240.01      | -90.19                | 405.09                            | -5,980.48  | 583.35               | 162.84                | 420.52                  | 1.387 Level 3             |                    |         |
| 13,700.00                               | 6,888.58            | 6,923.58            | 6,923.58            | 194.97          | 239.98      | -90.10                | 405.09                            | -5,980.48  | 556.34               | 124.69                | 431.65                  | 1.289 Level 3             |                    |         |
| 13,800.00                               | 6,887.67            | 6,922.67            | 6,922.67            | 197.76          | 239.95      | -90.00                | 405.09                            | -5,980.48  | 546.56               | 108.86                | 437.70                  | 1.249 Level 2             |                    |         |
| 13,803.93                               | 6,887.63            | 6,922.63            | 6,922.63            | 197.87          | 239.95      | -90.00                | 405.09                            | -5,980.48  | 546.55               | 108.73                | 437.82                  | 1.248 Level 2, CC, ES, SF |                    |         |
| 13,900.00                               | 6,886.76            | 6,921.76            | 6,921.76            | 200.56          | 239.92      | -89.91                | 405.09                            | -5,980.48  | 554.93               | 117.42                | 437.51                  | 1.268 Level 3             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00                               | 6,885.84            | 6,920.84            | 6,920.84            | 203.35          | 239.88      | -89.81                | 405.09                            | -5,980.48  | 580.65               | 149.04                | 431.61                  | 1.345             | Level 3            |         |
| 14,100.00                               | 6,884.93            | 6,919.93            | 6,919.93            | 206.15          | 239.85      | -89.72                | 405.09                            | -5,980.48  | 621.58               | 199.77                | 421.81                  | 1.474             | Level 3            |         |
| 14,200.00                               | 6,884.02            | 6,919.02            | 6,919.02            | 208.95          | 239.82      | -89.62                | 405.09                            | -5,980.48  | 674.96               | 264.79                | 410.17                  | 1.646             |                    |         |
| 14,300.00                               | 6,883.11            | 6,918.11            | 6,918.11            | 211.75          | 239.79      | -89.53                | 405.09                            | -5,980.48  | 738.09               | 339.84                | 398.25                  | 1.853             |                    |         |
| 14,400.00                               | 6,882.20            | 6,917.20            | 6,917.20            | 214.55          | 239.76      | -89.43                | 405.09                            | -5,980.48  | 808.69               | 421.74                | 386.95                  | 2.090             |                    |         |
| 14,500.00                               | 6,881.29            | 6,916.29            | 6,916.29            | 217.35          | 239.72      | -89.33                | 405.09                            | -5,980.48  | 884.98               | 508.30                | 376.67                  | 2.349             |                    |         |
| 14,600.00                               | 6,880.37            | 6,915.37            | 6,915.37            | 220.15          | 239.69      | -89.24                | 405.09                            | -5,980.48  | 965.60               | 598.06                | 367.54                  | 2.627             |                    |         |
| 14,700.00                               | 6,879.46            | 6,914.46            | 6,914.46            | 222.95          | 239.66      | -89.14                | 405.09                            | -5,980.48  | 1,049.56             | 690.06                | 359.50                  | 2.919             |                    |         |
| 14,800.00                               | 6,878.55            | 6,913.55            | 6,913.55            | 225.76          | 239.63      | -89.05                | 405.09                            | -5,980.48  | 1,136.13             | 783.66                | 352.47                  | 3.223             |                    |         |
| 14,900.00                               | 6,877.64            | 6,912.64            | 6,912.64            | 228.56          | 239.60      | -88.95                | 405.09                            | -5,980.48  | 1,224.74             | 878.43                | 346.31                  | 3.537             |                    |         |
| 15,000.00                               | 6,876.73            | 6,911.73            | 6,911.73            | 231.37          | 239.57      | -88.86                | 405.09                            | -5,980.48  | 1,314.98             | 974.07                | 340.91                  | 3.857             |                    |         |
| 15,100.00                               | 6,875.82            | 6,910.82            | 6,910.82            | 234.18          | 239.53      | -88.76                | 405.09                            | -5,980.48  | 1,406.54             | 1,070.39              | 336.15                  | 4.184             |                    |         |
| 15,200.00                               | 6,874.90            | 6,909.90            | 6,909.90            | 236.98          | 239.50      | -88.67                | 405.09                            | -5,980.48  | 1,499.19             | 1,167.23              | 331.96                  | 4.516             |                    |         |
| 15,300.00                               | 6,873.99            | 6,908.99            | 6,908.99            | 239.79          | 239.47      | -88.57                | 405.09                            | -5,980.48  | 1,592.72             | 1,264.48              | 328.24                  | 4.852             |                    |         |
| 15,400.00                               | 6,873.08            | 6,908.08            | 6,908.08            | 242.60          | 239.44      | -88.47                | 405.09                            | -5,980.48  | 1,686.99             | 1,362.06              | 324.93                  | 5.192             |                    |         |
| 15,500.00                               | 6,872.17            | 6,907.17            | 6,907.17            | 245.41          | 239.41      | -88.38                | 405.09                            | -5,980.48  | 1,781.89             | 1,459.91              | 321.97                  | 5.534             |                    |         |
| 15,600.00                               | 6,871.26            | 6,906.26            | 6,906.26            | 248.22          | 239.37      | -88.28                | 405.09                            | -5,980.48  | 1,877.31             | 1,557.99              | 319.32                  | 5.879             |                    |         |
| 15,700.00                               | 6,870.35            | 6,905.35            | 6,905.35            | 251.03          | 239.34      | -88.19                | 405.09                            | -5,980.48  | 1,973.19             | 1,656.26              | 316.94                  | 6.226             |                    |         |
| 15,737.91                               | 6,870.00            | 6,905.00            | 6,905.00            | 252.10          | 239.33      | -88.15                | 405.09                            | -5,980.48  | 2,009.64             | 1,693.55              | 316.09                  | 6.358             |                    |         |
| 15,738.53                               | 6,869.99            | 6,904.99            | 6,904.99            | 252.11          | 239.33      | -88.15                | 405.09                            | -5,980.48  | 2,010.24             | 1,694.16              | 316.08                  | 6.360             |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                                    | 0.00                | 33.00               | 33.00               | 3.28            | 3.33        | -97.63                | -1,151.15                         | -8,590.73  | 8,667.51             |                       |                         |                   |                    |         |
| 100.00                                  | 100.00              | 133.00              | 133.00              | 3.28            | 4.38        | -97.63                | -1,151.15                         | -8,590.73  | 8,667.51             | 8,659.85              | 7.66                    | 1,131.347         |                    |         |
| 200.00                                  | 200.00              | 233.00              | 233.00              | 3.34            | 7.18        | -97.63                | -1,151.15                         | -8,590.73  | 8,667.51             | 8,656.99              | 10.52                   | 824.035           |                    |         |
| 300.00                                  | 300.00              | 333.00              | 333.00              | 3.44            | 10.41       | -97.63                | -1,151.15                         | -8,590.73  | 8,667.51             | 8,653.66              | 13.85                   | 625.601           |                    |         |
| 400.00                                  | 399.98              | 432.98              | 432.98              | 3.60            | 13.77       | -127.76               | -1,151.15                         | -8,590.73  | 8,668.58             | 8,651.21              | 17.37                   | 499.082           |                    |         |
| 500.00                                  | 499.84              | 532.84              | 532.84              | 3.81            | 17.17       | -127.74               | -1,151.15                         | -8,590.73  | 8,671.79             | 8,650.81              | 20.98                   | 413.392           |                    |         |
| 550.00                                  | 549.68              | 582.68              | 582.68              | 3.93            | 18.88       | -127.72               | -1,151.15                         | -8,590.73  | 8,674.19             | 8,651.39              | 22.80                   | 380.369           |                    |         |
| 600.00                                  | 599.45              | 632.45              | 632.45              | 4.06            | 20.60       | -130.00               | -1,151.15                         | -8,590.73  | 8,677.21             | 8,652.56              | 24.64                   | 352.115           |                    |         |
| 700.00                                  | 698.71              | 731.71              | 731.71              | 4.33            | 24.02       | -132.83               | -1,151.15                         | -8,590.73  | 8,685.29             | 8,656.94              | 28.34                   | 306.414           |                    |         |
| 800.00                                  | 797.49              | 830.49              | 830.49              | 4.64            | 27.44       | -134.50               | -1,151.15                         | -8,590.73  | 8,696.10             | 8,664.03              | 32.07                   | 271.157           |                    |         |
| 900.00                                  | 895.68              | 928.68              | 928.68              | 4.97            | 30.85       | -135.57               | -1,151.15                         | -8,590.73  | 8,709.64             | 8,673.83              | 35.81                   | 243.234           |                    |         |
| 1,000.00                                | 993.14              | 1,026.14            | 1,026.14            | 5.33            | 34.23       | -136.28               | -1,151.15                         | -8,590.73  | 8,725.89             | 8,686.35              | 39.55                   | 220.640           |                    |         |
| 1,039.84                                | 1,031.75            | 1,064.75            | 1,064.75            | 5.48            | 35.58       | -136.50               | -1,151.15                         | -8,590.73  | 8,733.13             | 8,692.09              | 41.04                   | 212.797           |                    |         |
| 1,100.00                                | 1,089.94            | 1,122.94            | 1,122.94            | 5.72            | 37.60       | -136.57               | -1,151.15                         | -8,590.73  | 8,744.38             | 8,701.09              | 43.29                   | 202.001           |                    |         |
| 1,200.00                                | 1,186.67            | 1,219.67            | 1,219.67            | 6.13            | 40.96       | -136.68               | -1,151.15                         | -8,590.73  | 8,763.11             | 8,716.07              | 47.04                   | 186.286           |                    |         |
| 1,300.00                                | 1,283.39            | 1,316.39            | 1,316.39            | 6.55            | 44.33       | -136.79               | -1,151.15                         | -8,590.73  | 8,781.87             | 8,731.06              | 50.81                   | 172.839           |                    |         |
| 1,400.00                                | 1,380.12            | 1,413.12            | 1,413.12            | 6.99            | 47.70       | -136.90               | -1,151.15                         | -8,590.73  | 8,800.67             | 8,746.08              | 54.59                   | 161.209           |                    |         |
| 1,500.00                                | 1,476.85            | 1,509.85            | 1,509.85            | 7.45            | 51.07       | -137.01               | -1,151.15                         | -8,590.73  | 8,819.50             | 8,761.12              | 58.38                   | 151.059           |                    |         |
| 1,600.00                                | 1,573.57            | 1,606.57            | 1,606.57            | 7.90            | 54.44       | -137.12               | -1,151.15                         | -8,590.73  | 8,838.36             | 8,776.18              | 62.19                   | 142.127           |                    |         |
| 1,700.00                                | 1,670.30            | 1,703.30            | 1,703.30            | 8.37            | 57.81       | -137.23               | -1,151.15                         | -8,590.73  | 8,857.26             | 8,791.26              | 66.00                   | 134.209           |                    |         |
| 1,800.00                                | 1,767.03            | 1,800.03            | 1,800.03            | 8.85            | 61.18       | -137.34               | -1,151.15                         | -8,590.73  | 8,876.19             | 8,806.37              | 69.81                   | 127.145           |                    |         |
| 1,900.00                                | 1,863.75            | 1,903.25            | 1,896.75            | 9.32            | 64.78       | -137.45               | -1,151.15                         | -8,590.73  | 8,895.15             | 8,821.29              | 73.86                   | 120.433           |                    |         |
| 2,000.00                                | 1,960.48            | 2,006.52            | 1,993.48            | 9.81            | 68.38       | -137.56               | -1,151.15                         | -8,590.73  | 8,914.14             | 8,836.22              | 77.91                   | 114.410           |                    |         |
| 2,100.00                                | 2,057.21            | 2,109.79            | 2,090.21            | 10.29           | 71.98       | -137.67               | -1,151.15                         | -8,590.73  | 8,933.16             | 8,851.19              | 81.97                   | 108.978           |                    |         |
| 2,200.00                                | 2,153.93            | 2,186.93            | 2,186.93            | 10.78           | 74.67       | -137.78               | -1,151.15                         | -8,590.73  | 8,952.22             | 8,867.09              | 85.12                   | 105.169           |                    |         |
| 2,300.00                                | 2,250.66            | 2,283.66            | 2,283.66            | 11.28           | 78.05       | -137.88               | -1,151.15                         | -8,590.73  | 8,971.30             | 8,882.34              | 88.96                   | 100.848           |                    |         |
| 2,400.00                                | 2,347.39            | 2,380.39            | 2,380.39            | 11.77           | 81.42       | -137.99               | -1,151.15                         | -8,590.73  | 8,990.42             | 8,897.62              | 92.80                   | 96.882            |                    |         |
| 2,500.00                                | 2,444.11            | 2,477.11            | 2,477.11            | 12.27           | 84.79       | -138.10               | -1,151.15                         | -8,590.73  | 9,009.57             | 8,912.93              | 96.64                   | 93.229            |                    |         |
| 2,600.00                                | 2,540.84            | 2,573.84            | 2,573.84            | 12.77           | 88.17       | -138.20               | -1,151.15                         | -8,590.73  | 9,028.75             | 8,928.26              | 100.48                  | 89.854            |                    |         |
| 2,700.00                                | 2,637.57            | 2,670.57            | 2,670.57            | 13.27           | 91.54       | -138.31               | -1,151.15                         | -8,590.73  | 9,047.96             | 8,943.63              | 104.33                  | 86.727            |                    |         |
| 2,800.00                                | 2,734.30            | 2,767.30            | 2,767.30            | 13.78           | 94.92       | -138.41               | -1,151.15                         | -8,590.73  | 9,067.20             | 8,959.02              | 108.17                  | 83.821            |                    |         |
| 2,900.00                                | 2,831.02            | 2,864.02            | 2,864.02            | 14.28           | 98.29       | -138.52               | -1,151.15                         | -8,590.73  | 9,086.47             | 8,974.44              | 112.02                  | 81.113            |                    |         |
| 3,000.00                                | 2,927.75            | 2,960.75            | 2,960.75            | 14.79           | 101.67      | -138.62               | -1,151.15                         | -8,590.73  | 9,105.77             | 8,989.89              | 115.87                  | 78.586            |                    |         |
| 3,100.00                                | 3,024.48            | 3,057.48            | 3,057.48            | 15.29           | 105.04      | -138.73               | -1,151.15                         | -8,590.73  | 9,125.09             | 9,005.37              | 119.72                  | 76.220            |                    |         |
| 3,200.00                                | 3,121.20            | 3,154.20            | 3,154.20            | 15.80           | 108.42      | -138.83               | -1,151.15                         | -8,590.73  | 9,144.45             | 9,020.88              | 123.57                  | 74.001            |                    |         |
| 3,300.00                                | 3,217.93            | 3,250.93            | 3,250.93            | 16.31           | 111.79      | -138.93               | -1,151.15                         | -8,590.73  | 9,163.84             | 9,036.42              | 127.42                  | 71.916            |                    |         |
| 3,400.00                                | 3,314.66            | 3,347.66            | 3,347.66            | 16.82           | 115.17      | -139.03               | -1,151.15                         | -8,590.73  | 9,183.26             | 9,051.98              | 131.28                  | 69.953            |                    |         |
| 3,500.00                                | 3,411.38            | 3,444.38            | 3,444.38            | 17.33           | 118.54      | -139.14               | -1,151.15                         | -8,590.73  | 9,202.71             | 9,067.58              | 135.13                  | 68.102            |                    |         |
| 3,600.00                                | 3,508.11            | 3,541.11            | 3,541.11            | 17.84           | 121.92      | -139.24               | -1,151.15                         | -8,590.73  | 9,222.18             | 9,083.20              | 138.98                  | 66.354            |                    |         |
| 3,700.00                                | 3,604.84            | 3,637.84            | 3,637.84            | 18.36           | 125.29      | -139.34               | -1,151.15                         | -8,590.73  | 9,241.69             | 9,098.85              | 142.84                  | 64.700            |                    |         |
| 3,800.00                                | 3,701.56            | 3,734.56            | 3,734.56            | 18.87           | 128.67      | -139.44               | -1,151.15                         | -8,590.73  | 9,261.22             | 9,114.52              | 146.69                  | 63.133            |                    |         |
| 3,900.00                                | 3,798.29            | 3,831.29            | 3,831.29            | 19.38           | 132.05      | -139.54               | -1,151.15                         | -8,590.73  | 9,280.78             | 9,130.23              | 150.55                  | 61.646            |                    |         |
| 4,000.00                                | 3,895.02            | 3,928.02            | 3,928.02            | 19.89           | 135.42      | -139.64               | -1,151.15                         | -8,590.73  | 9,300.37             | 9,145.96              | 154.41                  | 60.233            |                    |         |
| 4,100.00                                | 3,991.74            | 4,024.74            | 4,024.74            | 20.41           | 138.80      | -139.74               | -1,151.15                         | -8,590.73  | 9,319.99             | 9,161.72              | 158.26                  | 58.889            |                    |         |
| 4,200.00                                | 4,088.47            | 4,121.47            | 4,121.47            | 20.92           | 142.17      | -139.84               | -1,151.15                         | -8,590.73  | 9,339.63             | 9,177.51              | 162.12                  | 57.609            |                    |         |
| 4,300.00                                | 4,185.20            | 4,218.20            | 4,218.20            | 21.44           | 145.55      | -139.94               | -1,151.15                         | -8,590.73  | 9,359.30             | 9,193.32              | 165.98                  | 56.389            |                    |         |
| 4,400.00                                | 4,281.92            | 4,314.92            | 4,314.92            | 21.95           | 148.92      | -140.04               | -1,151.15                         | -8,590.73  | 9,379.00             | 9,209.17              | 169.83                  | 55.224            |                    |         |
| 4,500.00                                | 4,378.65            | 4,411.65            | 4,411.65            | 22.47           | 152.30      | -140.14               | -1,151.15                         | -8,590.73  | 9,398.73             | 9,225.04              | 173.69                  | 54.111            |                    |         |
| 4,600.00                                | 4,475.38            | 4,508.38            | 4,508.38            | 22.99           | 155.68      | -140.23               | -1,151.15                         | -8,590.73  | 9,418.48             | 9,240.93              | 177.55                  | 53.047            |                    |         |
| 4,700.00                                | 4,572.10            | 4,605.10            | 4,605.10            | 23.50           | 159.05      | -140.33               | -1,151.15                         | -8,590.73  | 9,438.26             | 9,256.85              | 181.41                  | 52.028            |                    |         |
| 4,800.00                                | 4,668.83            | 4,701.83            | 4,701.83            | 24.02           | 162.43      | -140.43               | -1,151.15                         | -8,590.73  | 9,458.07             | 9,272.80              | 185.27                  | 51.051            |                    |         |
| 4,900.00                                | 4,765.56            | 4,801.44            | 4,798.56            | 24.53           | 165.91      | -140.52               | -1,151.15                         | -8,590.73  | 9,477.90             | 9,288.68              | 189.23                  | 50.088            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                                | 4,862.28            | 4,904.72            | 4,895.28            | 25.05           | 169.51      | -140.62               | -1,151.15                         | -8,590.73  | 9,497.76             | 9,304.45              | 193.31                  | 49.131            |                    |         |
| 5,100.00                                | 4,959.01            | 5,007.99            | 4,992.01            | 25.57           | 173.11      | -140.72               | -1,151.15                         | -8,590.73  | 9,517.65             | 9,320.25              | 197.40                  | 48.215            |                    |         |
| 5,200.00                                | 5,055.74            | 5,088.74            | 5,088.74            | 26.09           | 175.93      | -140.81               | -1,151.15                         | -8,590.73  | 9,537.56             | 9,336.86              | 200.70                  | 47.521            |                    |         |
| 5,300.00                                | 5,152.46            | 5,185.46            | 5,185.46            | 26.60           | 179.31      | -140.91               | -1,151.15                         | -8,590.73  | 9,557.50             | 9,352.94              | 204.56                  | 46.722            |                    |         |
| 5,400.00                                | 5,249.19            | 5,282.19            | 5,282.19            | 27.12           | 182.69      | -141.00               | -1,151.15                         | -8,590.73  | 9,577.47             | 9,369.05              | 208.42                  | 45.953            |                    |         |
| 5,500.00                                | 5,345.92            | 5,378.92            | 5,378.92            | 27.64           | 186.06      | -141.09               | -1,151.15                         | -8,590.73  | 9,597.46             | 9,385.18              | 212.28                  | 45.211            |                    |         |
| 5,600.00                                | 5,442.65            | 5,475.65            | 5,475.65            | 28.16           | 189.44      | -141.19               | -1,151.15                         | -8,590.73  | 9,617.47             | 9,401.33              | 216.14                  | 44.497            |                    |         |
| 5,700.00                                | 5,539.37            | 5,572.37            | 5,572.37            | 28.68           | 192.81      | -141.28               | -1,151.15                         | -8,590.73  | 9,637.51             | 9,417.51              | 220.00                  | 43.807            |                    |         |
| 5,800.00                                | 5,636.10            | 5,669.10            | 5,669.10            | 29.20           | 196.19      | -141.37               | -1,151.15                         | -8,590.73  | 9,657.58             | 9,433.72              | 223.86                  | 43.141            |                    |         |
| 5,900.00                                | 5,732.83            | 5,765.83            | 5,765.83            | 29.71           | 199.57      | -141.47               | -1,151.15                         | -8,590.73  | 9,677.67             | 9,449.95              | 227.72                  | 42.498            |                    |         |
| 6,000.00                                | 5,829.55            | 5,862.55            | 5,862.55            | 30.23           | 202.94      | -141.56               | -1,151.15                         | -8,590.73  | 9,697.78             | 9,466.21              | 231.58                  | 41.877            |                    |         |
| 6,100.00                                | 5,926.28            | 5,959.28            | 5,959.28            | 30.75           | 206.32      | -141.65               | -1,151.15                         | -8,590.73  | 9,717.92             | 9,482.49              | 235.44                  | 41.276            |                    |         |
| 6,200.00                                | 6,023.01            | 6,056.01            | 6,056.01            | 31.27           | 209.70      | -141.74               | -1,151.15                         | -8,590.73  | 9,738.09             | 9,498.79              | 239.30                  | 40.694            |                    |         |
| 6,300.00                                | 6,119.73            | 6,152.73            | 6,152.73            | 31.79           | 213.07      | -141.83               | -1,151.15                         | -8,590.73  | 9,758.28             | 9,515.12              | 243.16                  | 40.132            |                    |         |
| 6,397.75                                | 6,214.28            | 6,247.28            | 6,247.28            | 32.30           | 216.37      | -141.92               | -1,151.15                         | -8,590.73  | 9,778.03             | 9,531.10              | 246.93                  | 39.598            |                    |         |
| 6,400.00                                | 6,216.46            | 6,249.46            | 6,249.46            | 32.31           | 216.45      | -141.33               | -1,151.15                         | -8,590.73  | 9,778.49             | 9,531.47              | 247.02                  | 39.586            |                    |         |
| 6,450.00                                | 6,265.12            | 6,301.88            | 6,298.12            | 32.56           | 218.28      | -125.16               | -1,151.15                         | -8,590.73  | 9,786.53             | 9,537.45              | 249.08                  | 39.290            |                    |         |
| 6,500.00                                | 6,314.12            | 6,347.12            | 6,347.12            | 32.78           | 219.86      | -103.69               | -1,151.15                         | -8,590.73  | 9,790.76             | 9,539.88              | 250.89                  | 39.025            |                    |         |
| 6,550.00                                | 6,363.16            | 6,403.84            | 6,396.16            | 32.99           | 221.84      | -81.48                | -1,151.15                         | -8,590.73  | 9,791.15             | 9,538.07              | 253.07                  | 38.689            |                    |         |
| 6,600.00                                | 6,411.94            | 6,444.94            | 6,444.94            | 33.18           | 223.27      | -64.06                | -1,151.15                         | -8,590.73  | 9,787.69             | 9,533.00              | 254.70                  | 38.429            |                    |         |
| 6,650.00                                | 6,460.15            | 6,506.85            | 6,493.15            | 33.35           | 225.43      | -52.27                | -1,151.15                         | -8,590.73  | 9,780.42             | 9,523.39              | 257.03                  | 38.052            |                    |         |
| 6,700.00                                | 6,507.49            | 6,540.49            | 6,540.49            | 33.52           | 226.61      | -44.54                | -1,151.15                         | -8,590.73  | 9,769.37             | 9,511.02              | 258.35                  | 37.815            |                    |         |
| 6,750.00                                | 6,553.69            | 6,586.69            | 6,586.69            | 33.69           | 228.22      | -39.40                | -1,151.15                         | -8,590.73  | 9,754.63             | 9,494.54              | 260.09                  | 37.505            |                    |         |
| 6,800.00                                | 6,598.44            | 6,631.44            | 6,631.44            | 33.85           | 229.78      | -35.94                | -1,151.15                         | -8,590.73  | 9,736.27             | 9,474.51              | 261.76                  | 37.195            |                    |         |
| 6,850.00                                | 6,641.47            | 6,674.47            | 6,674.47            | 34.02           | 231.28      | -33.61                | -1,151.15                         | -8,590.73  | 9,714.42             | 9,451.06              | 263.36                  | 36.887            |                    |         |
| 6,900.00                                | 6,682.53            | 6,715.53            | 6,715.53            | 34.19           | 232.72      | -32.11                | -1,151.15                         | -8,590.73  | 9,689.21             | 9,424.34              | 264.87                  | 36.581            |                    |         |
| 6,950.00                                | 6,721.35            | 6,754.35            | 6,754.35            | 34.38           | 234.07      | -31.26                | -1,151.15                         | -8,590.73  | 9,660.80             | 9,394.51              | 266.28                  | 36.280            |                    |         |
| 7,000.00                                | 6,757.70            | 6,809.30            | 6,790.70            | 34.57           | 235.99      | -30.96                | -1,151.15                         | -8,590.73  | 9,629.36             | 9,361.11              | 268.25                  | 35.897            |                    |         |
| 7,050.00                                | 6,791.35            | 6,824.35            | 6,824.35            | 34.79           | 236.52      | -31.17                | -1,151.15                         | -8,590.73  | 9,595.10             | 9,326.28              | 268.82                  | 35.694            |                    |         |
| 7,100.00                                | 6,822.10            | 6,855.10            | 6,855.10            | 35.03           | 237.59      | -31.90                | -1,151.15                         | -8,590.73  | 9,558.21             | 9,288.29              | 269.92                  | 35.411            |                    |         |
| 7,150.00                                | 6,849.75            | 6,882.75            | 6,882.75            | 35.30           | 238.55      | -33.22                | -1,151.15                         | -8,590.73  | 9,518.93             | 9,248.02              | 270.91                  | 35.137            |                    |         |
| 7,200.00                                | 6,874.14            | 6,907.14            | 6,907.14            | 35.61           | 239.41      | -35.24                | -1,151.15                         | -8,590.73  | 9,477.50             | 9,205.72              | 271.78                  | 34.872            |                    |         |
| 7,250.00                                | 6,895.11            | 6,928.11            | 6,928.11            | 35.95           | 240.14      | -38.18                | -1,151.15                         | -8,590.73  | 9,434.18             | 9,161.65              | 272.53                  | 34.617            |                    |         |
| 7,300.00                                | 6,912.54            | 6,945.54            | 6,945.54            | 36.34           | 240.75      | -42.40                | -1,151.15                         | -8,590.73  | 9,389.23             | 9,116.07              | 273.16                  | 34.373            |                    |         |
| 7,350.00                                | 6,926.31            | 6,959.31            | 6,959.31            | 36.77           | 241.23      | -48.47                | -1,151.15                         | -8,590.73  | 9,342.92             | 9,069.26              | 273.66                  | 34.140            |                    |         |
| 7,400.00                                | 6,936.35            | 6,969.35            | 6,969.35            | 37.25           | 241.58      | -57.30                | -1,151.15                         | -8,590.73  | 9,295.54             | 9,021.51              | 274.03                  | 33.921            |                    |         |
| 7,450.00                                | 6,942.59            | 6,975.59            | 6,975.59            | 37.76           | 241.80      | -70.09                | -1,151.15                         | -8,590.73  | 9,247.39             | 8,973.11              | 274.28                  | 33.715            |                    |         |
| 7,500.00                                | 6,944.99            | 6,977.99            | 6,977.99            | 38.31           | 241.88      | -87.56                | -1,151.15                         | -8,590.73  | 9,198.74             | 8,924.34              | 274.40                  | 33.523            |                    |         |
| 7,512.10                                | 6,945.00            | 6,978.00            | 6,978.00            | 38.44           | 241.88      | -92.36                | -1,151.15                         | -8,590.73  | 9,186.93             | 8,912.52              | 274.41                  | 33.479            |                    |         |
| 7,600.00                                | 6,944.19            | 6,977.19            | 6,977.19            | 39.51           | 241.85      | -92.34                | -1,151.15                         | -8,590.73  | 9,101.12             | 8,826.67              | 274.46                  | 33.160            |                    |         |
| 7,700.00                                | 6,943.28            | 6,976.28            | 6,976.28            | 40.90           | 241.82      | -92.32                | -1,151.15                         | -8,590.73  | 9,003.55             | 8,729.02              | 274.53                  | 32.796            |                    |         |
| 7,800.00                                | 6,942.37            | 6,975.37            | 6,975.37            | 42.44           | 241.79      | -92.29                | -1,151.15                         | -8,590.73  | 8,906.03             | 8,631.42              | 274.61                  | 32.431            |                    |         |
| 7,900.00                                | 6,941.46            | 6,974.46            | 6,974.46            | 44.11           | 241.76      | -92.26                | -1,151.15                         | -8,590.73  | 8,808.57             | 8,533.85              | 274.72                  | 32.064            |                    |         |
| 8,000.00                                | 6,940.55            | 6,973.55            | 6,973.55            | 45.90           | 241.72      | -92.24                | -1,151.15                         | -8,590.73  | 8,711.16             | 8,436.32              | 274.84                  | 31.695            |                    |         |
| 8,100.00                                | 6,939.64            | 6,972.64            | 6,972.64            | 47.80           | 241.69      | -92.21                | -1,151.15                         | -8,590.73  | 8,613.81             | 8,338.83              | 274.98                  | 31.325            |                    |         |
| 8,200.00                                | 6,938.72            | 6,971.72            | 6,971.72            | 49.79           | 241.66      | -92.18                | -1,151.15                         | -8,590.73  | 8,516.53             | 8,241.38              | 275.15                  | 30.953            |                    |         |
| 8,300.00                                | 6,937.81            | 6,970.81            | 6,970.81            | 51.86           | 241.63      | -92.16                | -1,151.15                         | -8,590.73  | 8,419.31             | 8,143.98              | 275.33                  | 30.579            |                    |         |
| 8,400.00                                | 6,936.90            | 6,969.90            | 6,969.90            | 54.01           | 241.60      | -92.13                | -1,151.15                         | -8,590.73  | 8,322.15             | 8,046.61              | 275.54                  | 30.203            |                    |         |
| 8,500.00                                | 6,935.99            | 6,968.99            | 6,968.99            | 56.21           | 241.56      | -92.10                | -1,151.15                         | -8,590.73  | 8,225.06             | 7,949.30              | 275.77                  | 29.826            |                    |         |
| 8,600.00                                | 6,935.08            | 6,968.08            | 6,968.08            | 58.47           | 241.53      | -92.08                | -1,151.15                         | -8,590.73  | 8,128.04             | 7,852.02              | 276.02                  | 29.447            |                    |         |
| 8,700.00                                | 6,934.17            | 6,967.17            | 6,967.17            | 60.78           | 241.50      | -92.05                | -1,151.15                         | -8,590.73  | 8,031.10             | 7,754.80              | 276.30                  | 29.067            |                    |         |
| 8,800.00                                | 6,933.25            | 6,966.25            | 6,966.25            | 63.13           | 241.47      | -92.03                | -1,151.15                         | -8,590.73  | 7,934.23             | 7,657.63              | 276.60                  | 28.684            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                                | 6,932.34            | 6,965.34            | 6,965.34            | 65.52           | 241.44      | -92.00                | -1,151.15                         | -8,590.73  | 7,837.44             | 7,560.51              | 276.94                  | 28.301            |                    |         |
| 9,000.00                                | 6,931.43            | 6,964.43            | 6,964.43            | 67.95           | 241.41      | -91.97                | -1,151.15                         | -8,590.73  | 7,740.73             | 7,463.44              | 277.30                  | 27.915            |                    |         |
| 9,100.00                                | 6,930.52            | 6,963.52            | 6,963.52            | 70.40           | 241.37      | -91.95                | -1,151.15                         | -8,590.73  | 7,644.11             | 7,366.42              | 277.68                  | 27.528            |                    |         |
| 9,200.00                                | 6,929.61            | 6,962.61            | 6,962.61            | 72.89           | 241.34      | -91.92                | -1,151.15                         | -8,590.73  | 7,547.57             | 7,269.47              | 278.10                  | 27.139            |                    |         |
| 9,300.00                                | 6,928.69            | 6,961.69            | 6,961.69            | 75.40           | 241.31      | -91.89                | -1,151.15                         | -8,590.73  | 7,451.13             | 7,172.57              | 278.55                  | 26.749            |                    |         |
| 9,400.00                                | 6,927.78            | 6,960.78            | 6,960.78            | 77.93           | 241.28      | -91.87                | -1,151.15                         | -8,590.73  | 7,354.78             | 7,075.74              | 279.04                  | 26.358            |                    |         |
| 9,500.00                                | 6,926.87            | 6,959.87            | 6,959.87            | 80.48           | 241.25      | -91.84                | -1,151.15                         | -8,590.73  | 7,258.52             | 6,978.97              | 279.55                  | 25.965            |                    |         |
| 9,600.00                                | 6,925.96            | 6,958.96            | 6,958.96            | 83.05           | 241.21      | -91.81                | -1,151.15                         | -8,590.73  | 7,162.37             | 6,882.27              | 280.11                  | 25.570            |                    |         |
| 9,700.00                                | 6,925.05            | 6,958.05            | 6,958.05            | 85.64           | 241.18      | -91.79                | -1,151.15                         | -8,590.73  | 7,066.33             | 6,785.64              | 280.69                  | 25.174            |                    |         |
| 9,800.00                                | 6,924.14            | 6,957.14            | 6,957.14            | 88.25           | 241.15      | -91.76                | -1,151.15                         | -8,590.73  | 6,970.40             | 6,689.08              | 281.32                  | 24.777            |                    |         |
| 9,900.00                                | 6,923.22            | 6,956.22            | 6,956.22            | 90.86           | 241.12      | -91.74                | -1,151.15                         | -8,590.73  | 6,874.59             | 6,592.60              | 281.98                  | 24.379            |                    |         |
| 10,000.00                               | 6,922.31            | 6,955.31            | 6,955.31            | 93.50           | 241.09      | -91.71                | -1,151.15                         | -8,590.73  | 6,778.89             | 6,496.20              | 282.69                  | 23.980            |                    |         |
| 10,100.00                               | 6,921.40            | 6,954.40            | 6,954.40            | 96.14           | 241.06      | -91.68                | -1,151.15                         | -8,590.73  | 6,683.32             | 6,399.89              | 283.43                  | 23.580            |                    |         |
| 10,200.00                               | 6,920.49            | 6,953.49            | 6,953.49            | 98.79           | 241.02      | -91.66                | -1,151.15                         | -8,590.73  | 6,587.88             | 6,303.66              | 284.22                  | 23.179            |                    |         |
| 10,300.00                               | 6,919.58            | 6,952.58            | 6,952.58            | 101.45          | 240.99      | -91.63                | -1,151.15                         | -8,590.73  | 6,492.58             | 6,207.53              | 285.05                  | 22.777            |                    |         |
| 10,400.00                               | 6,918.67            | 6,951.67            | 6,951.67            | 104.13          | 240.96      | -91.60                | -1,151.15                         | -8,590.73  | 6,397.43             | 6,111.50              | 285.93                  | 22.374            |                    |         |
| 10,500.00                               | 6,917.75            | 6,950.75            | 6,950.75            | 106.81          | 240.93      | -91.58                | -1,151.15                         | -8,590.73  | 6,302.42             | 6,015.56              | 286.86                  | 21.971            |                    |         |
| 10,600.00                               | 6,916.84            | 6,949.84            | 6,949.84            | 109.50          | 240.90      | -91.55                | -1,151.15                         | -8,590.73  | 6,207.57             | 5,919.74              | 287.83                  | 21.567            |                    |         |
| 10,700.00                               | 6,915.93            | 6,948.93            | 6,948.93            | 112.19          | 240.86      | -91.52                | -1,151.15                         | -8,590.73  | 6,112.88             | 5,824.03              | 288.85                  | 21.162            |                    |         |
| 10,800.00                               | 6,915.02            | 6,948.02            | 6,948.02            | 114.90          | 240.83      | -91.50                | -1,151.15                         | -8,590.73  | 6,018.37             | 5,728.44              | 289.93                  | 20.758            |                    |         |
| 10,900.00                               | 6,914.11            | 6,947.11            | 6,947.11            | 117.61          | 240.80      | -91.47                | -1,151.15                         | -8,590.73  | 5,924.04             | 5,632.97              | 291.06                  | 20.353            |                    |         |
| 11,000.00                               | 6,913.20            | 6,946.20            | 6,946.20            | 120.32          | 240.77      | -91.45                | -1,151.15                         | -8,590.73  | 5,829.89             | 5,537.64              | 292.25                  | 19.948            |                    |         |
| 11,100.00                               | 6,912.28            | 6,945.28            | 6,945.28            | 123.04          | 240.74      | -91.42                | -1,151.15                         | -8,590.73  | 5,735.94             | 5,442.45              | 293.50                  | 19.544            |                    |         |
| 11,200.00                               | 6,911.37            | 6,944.37            | 6,944.37            | 125.77          | 240.71      | -91.39                | -1,151.15                         | -8,590.73  | 5,642.20             | 5,347.40              | 294.80                  | 19.139            |                    |         |
| 11,300.00                               | 6,910.46            | 6,943.46            | 6,943.46            | 128.50          | 240.67      | -91.37                | -1,151.15                         | -8,590.73  | 5,548.68             | 5,252.51              | 296.17                  | 18.735            |                    |         |
| 11,400.00                               | 6,909.55            | 6,942.55            | 6,942.55            | 131.24          | 240.64      | -91.34                | -1,151.15                         | -8,590.73  | 5,455.39             | 5,157.79              | 297.60                  | 18.331            |                    |         |
| 11,500.00                               | 6,908.64            | 6,941.64            | 6,941.64            | 133.98          | 240.61      | -91.31                | -1,151.15                         | -8,590.73  | 5,362.34             | 5,063.24              | 299.10                  | 17.928            |                    |         |
| 11,600.00                               | 6,907.73            | 6,940.73            | 6,940.73            | 136.72          | 240.58      | -91.29                | -1,151.15                         | -8,590.73  | 5,269.54             | 4,968.87              | 300.67                  | 17.526            |                    |         |
| 11,700.00                               | 6,906.81            | 6,939.81            | 6,939.81            | 139.47          | 240.55      | -91.26                | -1,151.15                         | -8,590.73  | 5,177.02             | 4,874.70              | 302.32                  | 17.124            |                    |         |
| 11,800.00                               | 6,905.90            | 6,938.90            | 6,938.90            | 142.22          | 240.51      | -91.23                | -1,151.15                         | -8,590.73  | 5,084.77             | 4,780.73              | 304.04                  | 16.724            |                    |         |
| 11,900.00                               | 6,904.99            | 6,937.99            | 6,937.99            | 144.97          | 240.48      | -91.21                | -1,151.15                         | -8,590.73  | 4,992.83             | 4,686.99              | 305.84                  | 16.325            |                    |         |
| 12,000.00                               | 6,904.08            | 6,937.08            | 6,937.08            | 147.73          | 240.45      | -91.18                | -1,151.15                         | -8,590.73  | 4,901.19             | 4,593.48              | 307.72                  | 15.927            |                    |         |
| 12,100.00                               | 6,903.17            | 6,936.17            | 6,936.17            | 150.49          | 240.42      | -91.16                | -1,151.15                         | -8,590.73  | 4,809.90             | 4,500.21              | 309.69                  | 15.531            |                    |         |
| 12,200.00                               | 6,902.26            | 6,935.26            | 6,935.26            | 153.26          | 240.39      | -91.13                | -1,151.15                         | -8,590.73  | 4,718.95             | 4,407.21              | 311.74                  | 15.137            |                    |         |
| 12,300.00                               | 6,901.34            | 6,934.34            | 6,934.34            | 156.02          | 240.36      | -91.10                | -1,151.15                         | -8,590.73  | 4,628.38             | 4,314.48              | 313.90                  | 14.745            |                    |         |
| 12,400.00                               | 6,900.43            | 6,933.43            | 6,933.43            | 158.79          | 240.32      | -91.08                | -1,151.15                         | -8,590.73  | 4,538.20             | 4,222.06              | 316.15                  | 14.355            |                    |         |
| 12,500.00                               | 6,899.52            | 6,932.52            | 6,932.52            | 161.56          | 240.29      | -91.05                | -1,151.15                         | -8,590.73  | 4,448.45             | 4,129.95              | 318.50                  | 13.967            |                    |         |
| 12,600.00                               | 6,898.61            | 6,931.61            | 6,931.61            | 164.34          | 240.26      | -91.02                | -1,151.15                         | -8,590.73  | 4,359.14             | 4,038.18              | 320.95                  | 13.582            |                    |         |
| 12,700.00                               | 6,897.70            | 6,930.70            | 6,930.70            | 167.11          | 240.23      | -91.00                | -1,151.15                         | -8,590.73  | 4,270.30             | 3,946.78              | 323.52                  | 13.199            |                    |         |
| 12,800.00                               | 6,896.79            | 6,929.79            | 6,929.79            | 169.89          | 240.20      | -90.97                | -1,151.15                         | -8,590.73  | 4,181.97             | 3,855.76              | 326.21                  | 12.820            |                    |         |
| 12,900.00                               | 6,895.87            | 6,928.87            | 6,928.87            | 172.67          | 240.16      | -90.94                | -1,151.15                         | -8,590.73  | 4,094.17             | 3,765.16              | 329.02                  | 12.444            |                    |         |
| 13,000.00                               | 6,894.96            | 6,927.96            | 6,927.96            | 175.45          | 240.13      | -90.92                | -1,151.15                         | -8,590.73  | 4,006.95             | 3,675.00              | 331.95                  | 12.071            |                    |         |
| 13,100.00                               | 6,894.05            | 6,927.05            | 6,927.05            | 178.23          | 240.10      | -90.89                | -1,151.15                         | -8,590.73  | 3,920.33             | 3,585.31              | 335.02                  | 11.702            |                    |         |
| 13,200.00                               | 6,893.14            | 6,926.14            | 6,926.14            | 181.02          | 240.07      | -90.87                | -1,151.15                         | -8,590.73  | 3,834.37             | 3,496.14              | 338.23                  | 11.337            |                    |         |
| 13,300.00                               | 6,892.23            | 6,925.23            | 6,925.23            | 183.80          | 240.04      | -90.84                | -1,151.15                         | -8,590.73  | 3,749.10             | 3,407.52              | 341.58                  | 10.976            |                    |         |
| 13,400.00                               | 6,891.31            | 6,924.31            | 6,924.31            | 186.59          | 240.01      | -90.81                | -1,151.15                         | -8,590.73  | 3,664.58             | 3,319.49              | 345.09                  | 10.619            |                    |         |
| 13,500.00                               | 6,890.40            | 6,923.40            | 6,923.40            | 189.38          | 239.97      | -90.79                | -1,151.15                         | -8,590.73  | 3,580.86             | 3,232.10              | 348.75                  | 10.268            |                    |         |
| 13,600.00                               | 6,889.49            | 6,922.49            | 6,922.49            | 192.17          | 239.94      | -90.76                | -1,151.15                         | -8,590.73  | 3,497.99             | 3,145.41              | 352.58                  | 9.921             |                    |         |
| 13,700.00                               | 6,888.58            | 6,921.58            | 6,921.58            | 194.97          | 239.91      | -90.73                | -1,151.15                         | -8,590.73  | 3,416.03             | 3,059.45              | 356.58                  | 9.580             |                    |         |
| 13,800.00                               | 6,887.67            | 6,920.67            | 6,920.67            | 197.76          | 239.88      | -90.71                | -1,151.15                         | -8,590.73  | 3,335.07             | 2,974.31              | 360.76                  | 9.245             |                    |         |
| 13,900.00                               | 6,886.76            | 6,919.76            | 6,919.76            | 200.56          | 239.85      | -90.68                | -1,151.15                         | -8,590.73  | 3,255.15             | 2,890.04              | 365.12                  | 8.915             |                    |         |
| 14,000.00                               | 6,885.84            | 6,918.84            | 6,918.84            | 203.35          | 239.81      | -90.65                | -1,151.15                         | -8,590.73  | 3,176.38             | 2,806.71              | 369.67                  | 8.593             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-2" Cone@2.448 Sigma |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,100.00                               | 6,884.93            | 6,917.93            | 6,917.93            | 206.15          | 239.78      | -90.63                | -1,151.15                         | -8,590.73  | 3,098.83             | 2,724.42              | 374.41                  | 8.277             |                    |         |
| 14,200.00                               | 6,884.02            | 6,917.02            | 6,917.02            | 208.95          | 239.75      | -90.60                | -1,151.15                         | -8,590.73  | 3,022.60             | 2,643.25              | 379.36                  | 7.968             |                    |         |
| 14,300.00                               | 6,883.11            | 6,916.11            | 6,916.11            | 211.75          | 239.72      | -90.58                | -1,151.15                         | -8,590.73  | 2,947.80             | 2,563.29              | 384.50                  | 7.667             |                    |         |
| 14,400.00                               | 6,882.20            | 6,915.20            | 6,915.20            | 214.55          | 239.69      | -90.55                | -1,151.15                         | -8,590.73  | 2,874.52             | 2,484.67              | 389.85                  | 7.373             |                    |         |
| 14,500.00                               | 6,881.29            | 6,914.29            | 6,914.29            | 217.35          | 239.66      | -90.52                | -1,151.15                         | -8,590.73  | 2,802.89             | 2,407.49              | 395.41                  | 7.089             |                    |         |
| 14,600.00                               | 6,880.37            | 6,913.37            | 6,913.37            | 220.15          | 239.62      | -90.50                | -1,151.15                         | -8,590.73  | 2,733.05             | 2,331.89              | 401.16                  | 6.813             |                    |         |
| 14,700.00                               | 6,879.46            | 6,912.46            | 6,912.46            | 222.95          | 239.59      | -90.47                | -1,151.15                         | -8,590.73  | 2,665.13             | 2,258.02              | 407.12                  | 6.546             |                    |         |
| 14,800.00                               | 6,878.55            | 6,911.55            | 6,911.55            | 225.76          | 239.56      | -90.44                | -1,151.15                         | -8,590.73  | 2,599.29             | 2,186.03              | 413.26                  | 6.290             |                    |         |
| 14,900.00                               | 6,877.64            | 6,910.64            | 6,910.64            | 228.56          | 239.53      | -90.42                | -1,151.15                         | -8,590.73  | 2,535.67             | 2,116.10              | 419.58                  | 6.043             |                    |         |
| 15,000.00                               | 6,876.73            | 6,909.73            | 6,909.73            | 231.37          | 239.50      | -90.39                | -1,151.15                         | -8,590.73  | 2,474.47             | 2,048.41              | 426.06                  | 5.808             |                    |         |
| 15,100.00                               | 6,875.82            | 6,908.82            | 6,908.82            | 234.18          | 239.46      | -90.36                | -1,151.15                         | -8,590.73  | 2,415.85             | 1,983.18              | 432.67                  | 5.584             |                    |         |
| 15,200.00                               | 6,874.90            | 6,907.90            | 6,907.90            | 236.98          | 239.43      | -90.34                | -1,151.15                         | -8,590.73  | 2,360.02             | 1,920.62              | 439.40                  | 5.371             |                    |         |
| 15,300.00                               | 6,873.99            | 6,906.99            | 6,906.99            | 239.79          | 239.40      | -90.31                | -1,151.15                         | -8,590.73  | 2,307.17             | 1,860.97              | 446.20                  | 5.171             |                    |         |
| 15,400.00                               | 6,873.08            | 6,906.08            | 6,906.08            | 242.60          | 239.37      | -90.29                | -1,151.15                         | -8,590.73  | 2,257.52             | 1,804.49              | 453.03                  | 4.983             |                    |         |
| 15,500.00                               | 6,872.17            | 6,905.17            | 6,905.17            | 245.41          | 239.34      | -90.26                | -1,151.15                         | -8,590.73  | 2,211.27             | 1,751.43              | 459.84                  | 4.809             |                    |         |
| 15,600.00                               | 6,871.26            | 6,904.26            | 6,904.26            | 248.22          | 239.31      | -90.23                | -1,151.15                         | -8,590.73  | 2,168.66             | 1,702.08              | 466.58                  | 4.648             |                    |         |
| 15,700.00                               | 6,870.35            | 6,903.35            | 6,903.35            | 251.03          | 239.27      | -90.21                | -1,151.15                         | -8,590.73  | 2,129.89             | 1,656.70              | 473.18                  | 4.501             |                    |         |
| 15,737.91                               | 6,870.00            | 6,903.00            | 6,903.00            | 252.10          | 239.26      | -90.20                | -1,151.15                         | -8,590.73  | 2,116.24             | 1,640.60              | 475.64                  | 4.449             |                    |         |
| 15,738.53                               | 6,869.99            | 6,902.99            | 6,902.99            | 252.11          | 239.26      | -90.20                | -1,151.15                         | -8,590.73  | 2,116.02             | 1,640.34              | 475.68                  | 4.448             | CC, ES, SF         |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                        | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -104.28               | -1,388.83                         | -5,456.43  | 5,630.41             |                       |                         |                   |                    |         |
| 100.00                      | 100.00              | 64.03               | 64.03               | 3.28            | 3.28        | -104.28               | -1,388.69                         | -5,456.70  | 5,630.77             | 5,624.21              | 6.57                    | 857.316           |                    |         |
| 200.00                      | 200.00              | 155.85              | 155.84              | 3.34            | 3.31        | -104.27               | -1,388.14                         | -5,457.74  | 5,631.71             | 5,625.06              | 6.65                    | 846.954           |                    |         |
| 300.00                      | 300.00              | 264.66              | 264.65              | 3.44            | 3.41        | -104.26               | -1,387.64                         | -5,458.66  | 5,632.42             | 5,625.56              | 6.85                    | 821.892           |                    |         |
| 400.00                      | 399.98              | 383.03              | 383.01              | 3.60            | 3.58        | -134.39               | -1,387.11                         | -5,459.53  | 5,634.24             | 5,627.06              | 7.18                    | 784.550           |                    |         |
| 500.00                      | 499.84              | 492.52              | 492.50              | 3.81            | 3.79        | -134.36               | -1,386.55                         | -5,459.97  | 5,638.17             | 5,630.57              | 7.60                    | 742.285           |                    |         |
| 550.00                      | 549.68              | 551.38              | 551.36              | 3.93            | 3.92        | -134.35               | -1,386.24                         | -5,460.12  | 5,640.98             | 5,633.14              | 7.84                    | 719.092           |                    |         |
| 600.00                      | 599.45              | 611.13              | 611.11              | 4.06            | 4.07        | -136.64               | -1,385.74                         | -5,460.22  | 5,644.38             | 5,636.26              | 8.12                    | 695.511           |                    |         |
| 700.00                      | 698.71              | 715.26              | 715.23              | 4.33            | 4.35        | -139.50               | -1,384.70                         | -5,460.28  | 5,653.26             | 5,644.59              | 8.67                    | 652.186           |                    |         |
| 800.00                      | 797.49              | 803.09              | 803.05              | 4.64            | 4.60        | -141.18               | -1,383.81                         | -5,460.40  | 5,665.17             | 5,655.94              | 9.23                    | 613.874           |                    |         |
| 900.00                      | 895.68              | 895.69              | 895.65              | 4.97            | 4.89        | -142.27               | -1,382.81                         | -5,460.68  | 5,680.17             | 5,670.33              | 9.85                    | 576.928           |                    |         |
| 1,000.00                    | 993.14              | 1,007.32            | 1,007.24            | 5.33            | 5.26        | -143.02               | -1,380.12                         | -5,461.33  | 5,698.06             | 5,687.50              | 10.57                   | 539.209           |                    |         |
| 1,039.84                    | 1,031.75            | 1,025.60            | 1,025.50            | 5.48            | 5.32        | -143.22               | -1,379.35                         | -5,461.55  | 5,706.04             | 5,695.26              | 10.78                   | 529.145           |                    |         |
| 1,100.00                    | 1,089.94            | 1,058.79            | 1,058.65            | 5.72            | 5.44        | -143.26               | -1,377.66                         | -5,462.13  | 5,718.65             | 5,707.53              | 11.13                   | 513.992           |                    |         |
| 1,200.00                    | 1,186.67            | 1,120.96            | 1,120.65            | 6.13            | 5.68        | -143.31               | -1,373.43                         | -5,463.90  | 5,740.18             | 5,728.44              | 11.74                   | 488.817           |                    |         |
| 1,300.00                    | 1,283.39            | 1,204.92            | 1,204.15            | 6.55            | 6.03        | -143.35               | -1,365.37                         | -5,467.21  | 5,762.10             | 5,749.61              | 12.49                   | 461.303           |                    |         |
| 1,400.00                    | 1,380.12            | 1,321.24            | 1,319.21            | 6.99            | 6.60        | -143.36               | -1,349.45                         | -5,473.08  | 5,784.03             | 5,770.56              | 13.47                   | 429.253           |                    |         |
| 1,500.00                    | 1,476.85            | 1,478.74            | 1,473.72            | 7.45            | 7.52        | -143.29               | -1,320.30                         | -5,481.75  | 5,805.15             | 5,790.34              | 14.81                   | 391.951           |                    |         |
| 1,600.00                    | 1,573.57            | 1,800.00            | 1,782.87            | 7.90            | 9.85        | -142.90               | -1,235.21                         | -5,498.82  | 5,824.51             | 5,806.91              | 17.60                   | 331.025           |                    |         |
| 1,700.00                    | 1,670.30            | 1,855.66            | 1,835.30            | 8.37            | 10.34       | -142.80               | -1,216.78                         | -5,501.74  | 5,841.84             | 5,823.32              | 18.52                   | 315.427           |                    |         |
| 1,800.00                    | 1,767.03            | 1,900.00            | 1,876.90            | 8.85            | 10.73       | -142.71               | -1,201.69                         | -5,504.49  | 5,859.96             | 5,840.60              | 19.35                   | 302.830           |                    |         |
| 1,900.00                    | 1,863.75            | 1,970.83            | 1,943.05            | 9.32            | 11.40       | -142.56               | -1,176.86                         | -5,509.55  | 5,878.74             | 5,858.28              | 20.46                   | 287.367           |                    |         |
| 2,000.00                    | 1,960.48            | 2,056.24            | 2,022.31            | 9.81            | 12.23       | -142.37               | -1,145.78                         | -5,516.42  | 5,898.08             | 5,876.35              | 21.73                   | 271.367           |                    |         |
| 2,100.00                    | 2,057.21            | 2,142.86            | 2,102.22            | 10.29           | 13.08       | -142.17               | -1,113.16                         | -5,523.64  | 5,917.50             | 5,894.45              | 23.05                   | 256.768           |                    |         |
| 2,200.00                    | 2,153.93            | 2,219.88            | 2,173.31            | 10.78           | 13.84       | -141.99               | -1,084.28                         | -5,530.31  | 5,937.33             | 5,913.07              | 24.26                   | 244.735           |                    |         |
| 2,300.00                    | 2,250.66            | 2,313.70            | 2,260.13            | 11.28           | 14.74       | -141.78               | -1,049.66                         | -5,538.39  | 5,957.34             | 5,931.72              | 25.62                   | 232.527           |                    |         |
| 2,400.00                    | 2,347.39            | 2,387.58            | 2,328.57            | 11.77           | 15.44       | -141.62               | -1,022.58                         | -5,544.87  | 5,977.65             | 5,950.87              | 26.77                   | 223.278           |                    |         |
| 2,500.00                    | 2,444.11            | 2,481.57            | 2,415.66            | 12.27           | 16.31       | -141.41               | -988.26                           | -5,553.30  | 5,998.25             | 5,970.13              | 28.11                   | 213.372           |                    |         |
| 2,600.00                    | 2,540.84            | 2,630.85            | 2,553.84            | 12.77           | 17.70       | -141.08               | -933.22                           | -5,565.98  | 6,018.36             | 5,988.38              | 29.98                   | 200.735           |                    |         |
| 2,700.00                    | 2,637.57            | 2,700.00            | 2,617.60            | 13.27           | 18.35       | -140.92               | -907.10                           | -5,571.81  | 6,038.38             | 6,007.29              | 31.09                   | 194.194           |                    |         |
| 2,800.00                    | 2,734.30            | 2,763.70            | 2,676.33            | 13.78           | 18.95       | -140.78               | -883.09                           | -5,577.48  | 6,058.96             | 6,026.80              | 32.16                   | 188.424           |                    |         |
| 2,900.00                    | 2,831.02            | 2,872.49            | 2,776.82            | 14.28           | 19.97       | -140.54               | -842.66                           | -5,587.59  | 6,080.09             | 6,046.44              | 33.65                   | 180.679           |                    |         |
| 3,000.00                    | 2,927.75            | 3,022.39            | 2,915.41            | 14.79           | 21.33       | -140.21               | -786.95                           | -5,600.15  | 6,100.36             | 6,064.85              | 35.51                   | 171.806           |                    |         |
| 3,100.00                    | 3,024.48            | 3,100.00            | 2,987.55            | 15.29           | 22.01       | -140.05               | -758.99                           | -5,606.22  | 6,120.48             | 6,083.83              | 36.65                   | 167.004           |                    |         |
| 3,200.00                    | 3,121.20            | 3,158.44            | 3,042.06            | 15.80           | 22.50       | -139.94               | -738.44                           | -5,610.96  | 6,141.12             | 6,103.53              | 37.60                   | 163.336           |                    |         |
| 3,300.00                    | 3,217.93            | 3,229.48            | 3,108.35            | 16.31           | 23.10       | -139.80               | -713.70                           | -5,617.24  | 6,162.50             | 6,123.84              | 38.66                   | 159.389           |                    |         |
| 3,400.00                    | 3,314.66            | 3,442.09            | 3,305.81            | 16.82           | 24.93       | -139.37               | -636.77                           | -5,634.39  | 6,182.88             | 6,141.86              | 41.02                   | 150.725           |                    |         |
| 3,500.00                    | 3,411.38            | 3,500.00            | 3,359.57            | 17.33           | 25.42       | -139.26               | -615.69                           | -5,638.65  | 6,202.84             | 6,160.86              | 41.98                   | 147.771           |                    |         |
| 3,600.00                    | 3,508.11            | 3,542.10            | 3,398.67            | 17.84           | 25.79       | -139.17               | -600.44                           | -5,642.05  | 6,223.59             | 6,180.79              | 42.80                   | 145.424           |                    |         |
| 3,700.00                    | 3,604.84            | 3,600.00            | 3,452.38            | 18.36           | 26.30       | -139.06               | -579.54                           | -5,647.59  | 6,245.51             | 6,201.75              | 43.76                   | 142.723           |                    |         |
| 3,800.00                    | 3,701.56            | 3,761.02            | 3,601.31            | 18.87           | 27.76       | -138.73               | -520.22                           | -5,662.62  | 6,267.66             | 6,221.94              | 45.73                   | 137.060           |                    |         |
| 3,900.00                    | 3,798.29            | 3,892.52            | 3,722.34            | 19.38           | 28.97       | -138.44               | -469.96                           | -5,673.43  | 6,288.30             | 6,240.87              | 47.43                   | 132.575           |                    |         |
| 4,000.00                    | 3,895.02            | 4,017.15            | 3,836.78            | 19.89           | 30.12       | -138.17               | -421.60                           | -5,683.27  | 6,308.65             | 6,259.57              | 49.08                   | 128.539           |                    |         |
| 4,100.00                    | 3,991.74            | 4,067.79            | 3,883.26            | 20.41           | 30.59       | -138.06               | -401.90                           | -5,687.41  | 6,329.27             | 6,279.26              | 50.01                   | 126.559           |                    |         |
| 4,200.00                    | 4,088.47            | 4,140.63            | 3,950.13            | 20.92           | 31.27       | -137.90               | -373.74                           | -5,693.67  | 6,350.46             | 6,299.31              | 51.15                   | 124.157           |                    |         |
| 4,300.00                    | 4,185.20            | 4,227.47            | 4,030.32            | 21.44           | 32.05       | -137.73               | -341.23                           | -5,701.10  | 6,371.88             | 6,319.47              | 52.41                   | 121.582           |                    |         |
| 4,400.00                    | 4,281.92            | 4,319.92            | 4,115.79            | 21.95           | 32.87       | -137.54               | -306.92                           | -5,709.12  | 6,393.54             | 6,339.83              | 53.70                   | 119.051           |                    |         |
| 4,500.00                    | 4,378.65            | 4,442.79            | 4,229.42            | 22.47           | 33.96       | -137.30               | -261.28                           | -5,719.31  | 6,414.86             | 6,359.58              | 55.28                   | 116.037           |                    |         |
| 4,600.00                    | 4,475.38            | 4,521.22            | 4,301.94            | 22.99           | 34.65       | -137.15               | -232.14                           | -5,725.82  | 6,436.30             | 6,379.86              | 56.44                   | 114.034           |                    |         |
| 4,700.00                    | 4,572.10            | 4,588.54            | 4,364.10            | 23.50           | 35.25       | -137.01               | -206.98                           | -5,731.69  | 6,458.17             | 6,400.67              | 57.50                   | 112.312           |                    |         |
| 4,800.00                    | 4,668.83            | 4,689.60            | 4,457.54            | 24.02           | 36.14       | -136.82               | -169.53                           | -5,740.68  | 6,480.32             | 6,421.44              | 58.88                   | 110.061           |                    |         |
| 4,900.00                    | 4,765.56            | 4,764.16            | 4,526.74            | 24.53           | 36.79       | -136.68               | -142.56                           | -5,747.24  | 6,502.57             | 6,442.58              | 59.98                   | 108.406           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                    | 4,862.28            | 4,856.82            | 4,612.77            | 25.05           | 37.59       | -136.51               | -109.18                           | -5,755.66  | 6,525.16             | 6,463.89              | 61.26                   | 106.509           |                    |         |
| 5,100.00                    | 4,959.01            | 5,100.00            | 4,732.45            | 25.57           | 39.77       | -136.26               | -60.78                            | -5,767.11  | 6,547.36             | 6,483.42              | 63.94                   | 102.401           |                    |         |
| 5,200.00                    | 5,055.74            | 5,069.11            | 4,808.72            | 26.09           | 39.49       | -136.10               | -29.67                            | -5,774.23  | 6,569.45             | 6,505.32              | 64.13                   | 102.439           |                    |         |
| 5,300.00                    | 5,152.46            | 5,149.85            | 4,883.31            | 26.60           | 40.21       | -135.95               | 0.36                              | -5,781.53  | 6,592.04             | 6,526.73              | 65.31                   | 100.929           |                    |         |
| 5,400.00                    | 5,249.19            | 5,261.39            | 4,986.62            | 27.12           | 41.19       | -135.74               | 41.22                             | -5,791.46  | 6,614.64             | 6,547.86              | 66.78                   | 99.051            |                    |         |
| 5,500.00                    | 5,345.92            | 5,349.17            | 5,067.95            | 27.64           | 41.96       | -135.58               | 73.35                             | -5,799.12  | 6,637.12             | 6,569.10              | 68.02                   | 97.579            |                    |         |
| 5,600.00                    | 5,442.65            | 5,460.19            | 5,170.47            | 28.16           | 42.95       | -135.38               | 114.77                            | -5,809.11  | 6,659.88             | 6,590.38              | 69.50                   | 95.829            |                    |         |
| 5,700.00                    | 5,539.37            | 5,552.63            | 5,255.72            | 28.68           | 43.77       | -135.20               | 149.59                            | -5,817.06  | 6,682.26             | 6,611.47              | 70.79                   | 94.394            |                    |         |
| 5,800.00                    | 5,636.10            | 5,731.35            | 5,421.35            | 29.20           | 45.29       | -134.89               | 215.15                            | -5,831.64  | 6,704.46             | 6,631.60              | 72.86                   | 92.016            |                    |         |
| 5,900.00                    | 5,732.83            | 5,800.00            | 5,485.28            | 29.71           | 45.86       | -134.77               | 239.61                            | -5,836.84  | 6,726.17             | 6,652.29              | 73.88                   | 91.039            |                    |         |
| 6,000.00                    | 5,829.55            | 5,971.81            | 5,647.34            | 30.23           | 47.06       | -134.54               | 295.35                            | -5,848.52  | 6,747.49             | 6,671.86              | 75.63                   | 89.219            |                    |         |
| 6,100.00                    | 5,926.28            | 6,146.00            | 5,815.00            | 30.75           | 48.00       | -134.40               | 341.79                            | -5,856.71  | 6,767.11             | 6,689.99              | 77.11                   | 87.756            |                    |         |
| 6,200.00                    | 6,023.01            | 6,200.00            | 5,867.43            | 31.27           | 48.26       | -134.38               | 354.49                            | -5,859.20  | 6,787.22             | 6,709.40              | 77.83                   | 87.208            |                    |         |
| 6,300.00                    | 6,119.73            | 6,285.68            | 5,951.12            | 31.79           | 48.62       | -134.35               | 372.32                            | -5,863.27  | 6,807.78             | 6,729.10              | 78.67                   | 86.534            |                    |         |
| 6,397.75                    | 6,214.28            | 6,405.46            | 6,068.98            | 32.30           | 49.08       | -134.36               | 393.10                            | -5,868.35  | 6,827.74             | 6,748.12              | 79.62                   | 85.751            |                    |         |
| 6,400.00                    | 6,216.46            | 6,408.33            | 6,071.81            | 32.31           | 49.09       | -133.77               | 393.57                            | -5,868.46  | 6,828.19             | 6,748.55              | 79.64                   | 85.733            |                    |         |
| 6,450.00                    | 6,265.12            | 6,439.39            | 6,102.46            | 32.56           | 49.19       | -117.65               | 398.43                            | -5,869.72  | 6,836.28             | 6,756.31              | 79.97                   | 85.484            |                    |         |
| 6,500.00                    | 6,314.12            | 6,474.54            | 6,137.21            | 32.78           | 49.31       | -96.19                | 403.52                            | -5,871.16  | 6,840.58             | 6,760.27              | 80.31                   | 85.182            |                    |         |
| 6,550.00                    | 6,363.16            | 6,500.00            | 6,162.42            | 32.99           | 49.39       | -73.95                | 406.93                            | -5,872.22  | 6,841.08             | 6,760.50              | 80.58                   | 84.898            |                    |         |
| 6,600.00                    | 6,411.94            | 6,542.51            | 6,204.57            | 33.18           | 49.52       | -56.45                | 412.12                            | -5,874.04  | 6,837.77             | 6,756.88              | 80.89                   | 84.528            |                    |         |
| 6,650.00                    | 6,460.15            | 6,635.92            | 6,249.88            | 33.35           | 50.32       | -44.82                | 435.78                            | -5,880.53  | 6,829.80             | 6,747.77              | 82.03                   | 83.256            |                    |         |
| 6,700.00                    | 6,507.49            | 6,874.86            | 6,535.77            | 33.52           | 50.41       | -36.95                | 437.62                            | -5,880.57  | 6,817.13             | 6,734.85              | 82.27                   | 82.859            |                    |         |
| 6,750.00                    | 6,553.69            | 6,911.42            | 6,572.30            | 33.69           | 50.50       | -31.62                | 439.00                            | -5,880.62  | 6,800.78             | 6,718.29              | 82.49                   | 82.445            |                    |         |
| 6,800.00                    | 6,598.44            | 6,944.25            | 6,605.12            | 33.85           | 50.58       | -27.91                | 439.99                            | -5,880.68  | 6,780.87             | 6,698.20              | 82.67                   | 82.020            |                    |         |
| 6,850.00                    | 6,641.47            | 6,975.81            | 6,636.66            | 34.02           | 50.66       | -25.27                | 440.74                            | -5,880.78  | 6,757.52             | 6,674.68              | 82.84                   | 81.575            |                    |         |
| 6,900.00                    | 6,682.53            | 7,008.19            | 6,669.05            | 34.19           | 50.73       | -23.39                | 441.30                            | -5,880.92  | 6,730.87             | 6,647.88              | 82.99                   | 81.105            |                    |         |
| 6,950.00                    | 6,721.35            | 7,047.71            | 6,708.56            | 34.38           | 50.83       | -22.08                | 441.89                            | -5,881.09  | 6,701.02             | 6,617.87              | 83.15                   | 80.590            |                    |         |
| 7,000.00                    | 6,757.70            | 7,084.70            | 6,745.54            | 34.57           | 50.92       | -21.22                | 442.39                            | -5,881.24  | 6,668.14             | 6,584.85              | 83.29                   | 80.060            |                    |         |
| 7,050.00                    | 6,791.35            | 7,117.98            | 6,778.82            | 34.79           | 51.00       | -20.73                | 442.81                            | -5,881.37  | 6,632.43             | 6,549.02              | 83.41                   | 79.518            |                    |         |
| 7,100.00                    | 6,822.10            | 7,147.72            | 6,808.56            | 35.03           | 51.07       | -20.60                | 443.20                            | -5,881.49  | 6,594.12             | 6,510.61              | 83.51                   | 78.964            |                    |         |
| 7,150.00                    | 6,849.75            | 7,174.51            | 6,835.34            | 35.30           | 51.14       | -20.83                | 443.56                            | -5,881.61  | 6,553.44             | 6,469.85              | 83.59                   | 78.399            |                    |         |
| 7,200.00                    | 6,874.14            | 7,198.17            | 6,859.00            | 35.61           | 51.20       | -21.50                | 443.88                            | -5,881.72  | 6,510.63             | 6,426.97              | 83.66                   | 77.823            |                    |         |
| 7,250.00                    | 6,895.11            | 7,220.08            | 6,880.92            | 35.95           | 51.25       | -22.74                | 444.19                            | -5,881.82  | 6,465.97             | 6,382.25              | 83.72                   | 77.233            |                    |         |
| 7,300.00                    | 6,912.54            | 7,238.45            | 6,899.28            | 36.34           | 51.29       | -24.84                | 444.46                            | -5,881.90  | 6,419.71             | 6,335.94              | 83.77                   | 76.637            |                    |         |
| 7,350.00                    | 6,926.31            | 7,253.01            | 6,913.84            | 36.77           | 51.33       | -28.39                | 444.68                            | -5,881.97  | 6,372.15             | 6,288.34              | 83.80                   | 76.035            |                    |         |
| 7,400.00                    | 6,936.35            | 7,263.67            | 6,924.50            | 37.25           | 51.36       | -34.85                | 444.84                            | -5,882.02  | 6,323.57             | 6,239.73              | 83.83                   | 75.432            |                    |         |
| 7,450.00                    | 6,942.59            | 7,270.37            | 6,931.20            | 37.76           | 51.37       | -48.50                | 444.94                            | -5,882.05  | 6,274.27             | 6,190.42              | 83.85                   | 74.827            |                    |         |
| 7,500.00                    | 6,944.99            | 7,273.07            | 6,933.90            | 38.31           | 51.38       | -82.08                | 444.98                            | -5,882.06  | 6,224.56             | 6,140.70              | 83.86                   | 74.223            |                    |         |
| 7,512.10                    | 6,945.00            | 7,273.12            | 6,933.95            | 38.44           | 51.38       | -94.63                | 444.98                            | -5,882.06  | 6,212.51             | 6,128.64              | 83.87                   | 74.077            |                    |         |
| 7,600.00                    | 6,944.19            | 7,272.63            | 6,933.45            | 39.51           | 51.38       | -94.57                | 444.98                            | -5,882.06  | 6,124.91             | 6,041.03              | 83.88                   | 73.019            |                    |         |
| 7,700.00                    | 6,943.28            | 7,272.07            | 6,932.89            | 40.90           | 51.38       | -94.51                | 444.97                            | -5,882.06  | 6,025.27             | 5,941.37              | 83.90                   | 71.814            |                    |         |
| 7,800.00                    | 6,942.37            | 7,271.51            | 6,932.33            | 42.44           | 51.38       | -94.45                | 444.96                            | -5,882.05  | 5,925.64             | 5,841.71              | 83.93                   | 70.605            |                    |         |
| 7,900.00                    | 6,941.46            | 7,270.95            | 6,931.78            | 44.11           | 51.37       | -94.39                | 444.95                            | -5,882.05  | 5,826.02             | 5,742.06              | 83.95                   | 69.395            |                    |         |
| 8,000.00                    | 6,940.55            | 7,270.39            | 6,931.22            | 45.90           | 51.37       | -94.33                | 444.94                            | -5,882.05  | 5,726.41             | 5,642.43              | 83.99                   | 68.181            |                    |         |
| 8,100.00                    | 6,939.64            | 7,269.84            | 6,930.66            | 47.80           | 51.37       | -94.26                | 444.93                            | -5,882.05  | 5,626.82             | 5,542.80              | 84.03                   | 66.965            |                    |         |
| 8,200.00                    | 6,938.72            | 7,269.28            | 6,930.10            | 49.79           | 51.37       | -94.20                | 444.93                            | -5,882.04  | 5,527.25             | 5,443.18              | 84.07                   | 65.746            |                    |         |
| 8,300.00                    | 6,937.81            | 7,268.72            | 6,929.55            | 51.86           | 51.37       | -94.14                | 444.92                            | -5,882.04  | 5,427.69             | 5,343.57              | 84.12                   | 64.524            |                    |         |
| 8,400.00                    | 6,936.90            | 7,268.16            | 6,928.99            | 54.01           | 51.37       | -94.08                | 444.91                            | -5,882.04  | 5,328.14             | 5,243.97              | 84.17                   | 63.300            |                    |         |
| 8,500.00                    | 6,935.99            | 7,267.61            | 6,928.43            | 56.21           | 51.37       | -94.01                | 444.90                            | -5,882.04  | 5,228.61             | 5,144.38              | 84.23                   | 62.072            |                    |         |
| 8,600.00                    | 6,935.08            | 7,267.05            | 6,927.88            | 58.47           | 51.36       | -93.95                | 444.89                            | -5,882.03  | 5,129.10             | 5,044.80              | 84.30                   | 60.842            |                    |         |
| 8,700.00                    | 6,934.17            | 7,266.50            | 6,927.32            | 60.78           | 51.36       | -93.89                | 444.88                            | -5,882.03  | 5,029.62             | 4,945.24              | 84.38                   | 59.608            |                    |         |
| 8,800.00                    | 6,933.25            | 7,265.94            | 6,926.77            | 63.13           | 51.36       | -93.83                | 444.87                            | -5,882.03  | 4,930.15             | 4,845.69              | 84.46                   | 58.372            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                    | 6,932.34            | 7,265.39            | 6,926.22            | 65.52           | 51.36       | -93.77                | 444.87                            | -5,882.03  | 4,830.70             | 4,746.15              | 84.55                   | 57.132            |                    |         |
| 9,000.00                    | 6,931.43            | 7,264.84            | 6,925.66            | 67.95           | 51.36       | -93.71                | 444.86                            | -5,882.02  | 4,731.28             | 4,646.62              | 84.65                   | 55.889            |                    |         |
| 9,100.00                    | 6,930.52            | 7,264.29            | 6,925.11            | 70.40           | 51.36       | -93.64                | 444.85                            | -5,882.02  | 4,631.88             | 4,547.11              | 84.77                   | 54.643            |                    |         |
| 9,200.00                    | 6,929.61            | 7,263.73            | 6,924.56            | 72.89           | 51.36       | -93.58                | 444.84                            | -5,882.02  | 4,532.50             | 4,447.61              | 84.89                   | 53.393            |                    |         |
| 9,300.00                    | 6,928.69            | 7,263.18            | 6,924.01            | 75.40           | 51.36       | -93.52                | 444.83                            | -5,882.02  | 4,433.16             | 4,348.14              | 85.02                   | 52.140            |                    |         |
| 9,400.00                    | 6,927.78            | 7,262.63            | 6,923.46            | 77.93           | 51.35       | -93.46                | 444.82                            | -5,882.01  | 4,333.84             | 4,248.67              | 85.17                   | 50.884            |                    |         |
| 9,500.00                    | 6,926.87            | 7,262.08            | 6,922.90            | 80.48           | 51.35       | -93.40                | 444.82                            | -5,882.01  | 4,234.56             | 4,149.23              | 85.33                   | 49.623            |                    |         |
| 9,600.00                    | 6,925.96            | 7,261.53            | 6,922.35            | 83.05           | 51.35       | -93.34                | 444.81                            | -5,882.01  | 4,135.31             | 4,049.80              | 85.51                   | 48.359            |                    |         |
| 9,700.00                    | 6,925.05            | 7,260.98            | 6,921.80            | 85.64           | 51.35       | -93.27                | 444.80                            | -5,882.01  | 4,036.10             | 3,950.40              | 85.71                   | 47.091            |                    |         |
| 9,800.00                    | 6,924.14            | 7,260.43            | 6,921.26            | 88.25           | 51.35       | -93.21                | 444.79                            | -5,882.00  | 3,936.93             | 3,851.01              | 85.92                   | 45.819            |                    |         |
| 9,900.00                    | 6,923.22            | 7,259.88            | 6,920.71            | 90.86           | 51.35       | -93.15                | 444.78                            | -5,882.00  | 3,837.80             | 3,751.65              | 86.16                   | 44.543            |                    |         |
| 10,000.00                   | 6,922.31            | 7,259.33            | 6,920.16            | 93.50           | 51.35       | -93.09                | 444.77                            | -5,882.00  | 3,738.72             | 3,652.30              | 86.42                   | 43.263            |                    |         |
| 10,100.00                   | 6,921.40            | 7,258.79            | 6,919.61            | 96.14           | 51.34       | -93.03                | 444.77                            | -5,882.00  | 3,639.69             | 3,552.99              | 86.70                   | 41.978            |                    |         |
| 10,200.00                   | 6,920.49            | 7,258.24            | 6,919.06            | 98.79           | 51.34       | -92.97                | 444.76                            | -5,881.99  | 3,540.71             | 3,453.70              | 87.02                   | 40.690            |                    |         |
| 10,300.00                   | 6,919.58            | 7,257.69            | 6,918.52            | 101.45          | 51.34       | -92.91                | 444.75                            | -5,881.99  | 3,441.80             | 3,354.43              | 87.36                   | 39.397            |                    |         |
| 10,400.00                   | 6,918.67            | 7,257.15            | 6,917.97            | 104.13          | 51.34       | -92.85                | 444.74                            | -5,881.99  | 3,342.94             | 3,255.20              | 87.74                   | 38.099            |                    |         |
| 10,500.00                   | 6,917.75            | 7,256.60            | 6,917.43            | 106.81          | 51.34       | -92.78                | 444.73                            | -5,881.99  | 3,244.16             | 3,156.00              | 88.16                   | 36.798            |                    |         |
| 10,600.00                   | 6,916.84            | 7,256.05            | 6,916.88            | 109.50          | 51.34       | -92.72                | 444.72                            | -5,881.98  | 3,145.45             | 3,056.83              | 88.62                   | 35.492            |                    |         |
| 10,700.00                   | 6,915.93            | 7,255.51            | 6,916.34            | 112.19          | 51.34       | -92.66                | 444.72                            | -5,881.98  | 3,046.83             | 2,957.69              | 89.14                   | 34.182            |                    |         |
| 10,800.00                   | 6,915.02            | 7,254.97            | 6,915.79            | 114.90          | 51.34       | -92.60                | 444.71                            | -5,881.98  | 2,948.30             | 2,858.60              | 89.70                   | 32.867            |                    |         |
| 10,900.00                   | 6,914.11            | 7,254.42            | 6,915.25            | 117.61          | 51.33       | -92.54                | 444.70                            | -5,881.98  | 2,849.87             | 2,759.54              | 90.33                   | 31.549            |                    |         |
| 11,000.00                   | 6,913.20            | 7,253.88            | 6,914.71            | 120.32          | 51.33       | -92.48                | 444.69                            | -5,881.97  | 2,751.56             | 2,660.53              | 91.03                   | 30.228            |                    |         |
| 11,100.00                   | 6,912.28            | 7,253.34            | 6,914.16            | 123.04          | 51.33       | -92.42                | 444.68                            | -5,881.97  | 2,653.37             | 2,561.57              | 91.80                   | 28.903            |                    |         |
| 11,200.00                   | 6,911.37            | 7,252.79            | 6,913.62            | 125.77          | 51.33       | -92.36                | 444.67                            | -5,881.97  | 2,555.32             | 2,462.66              | 92.66                   | 27.576            |                    |         |
| 11,300.00                   | 6,910.46            | 7,252.25            | 6,913.08            | 128.50          | 51.33       | -92.30                | 444.67                            | -5,881.97  | 2,457.43             | 2,363.81              | 93.63                   | 26.247            |                    |         |
| 11,400.00                   | 6,909.55            | 7,251.71            | 6,912.54            | 131.24          | 51.33       | -92.24                | 444.66                            | -5,881.97  | 2,359.72             | 2,265.02              | 94.70                   | 24.917            |                    |         |
| 11,500.00                   | 6,908.64            | 7,251.17            | 6,912.00            | 133.98          | 51.33       | -92.18                | 444.65                            | -5,881.96  | 2,262.21             | 2,166.30              | 95.91                   | 23.588            |                    |         |
| 11,600.00                   | 6,907.73            | 7,250.63            | 6,911.46            | 136.72          | 51.32       | -92.12                | 444.64                            | -5,881.96  | 2,164.92             | 2,067.66              | 97.26                   | 22.260            |                    |         |
| 11,700.00                   | 6,906.81            | 7,250.09            | 6,910.92            | 139.47          | 51.32       | -92.06                | 444.63                            | -5,881.96  | 2,067.89             | 1,969.11              | 98.78                   | 20.935            |                    |         |
| 11,800.00                   | 6,905.90            | 7,249.55            | 6,910.38            | 142.22          | 51.32       | -92.00                | 444.63                            | -5,881.96  | 1,971.16             | 1,870.67              | 100.49                  | 19.616            |                    |         |
| 11,900.00                   | 6,904.99            | 7,249.01            | 6,909.84            | 144.97          | 51.32       | -91.94                | 444.62                            | -5,881.95  | 1,874.77             | 1,772.34              | 102.42                  | 18.304            |                    |         |
| 12,000.00                   | 6,904.08            | 7,248.47            | 6,909.30            | 147.73          | 51.32       | -91.88                | 444.61                            | -5,881.95  | 1,778.78             | 1,674.16              | 104.62                  | 17.003            |                    |         |
| 12,100.00                   | 6,903.17            | 7,247.94            | 6,908.76            | 150.49          | 51.32       | -91.82                | 444.60                            | -5,881.95  | 1,683.25             | 1,576.14              | 107.11                  | 15.715            |                    |         |
| 12,200.00                   | 6,902.26            | 7,247.40            | 6,908.23            | 153.26          | 51.32       | -91.76                | 444.59                            | -5,881.95  | 1,588.28             | 1,478.33              | 109.95                  | 14.445            |                    |         |
| 12,300.00                   | 6,901.34            | 7,246.86            | 6,907.69            | 156.02          | 51.32       | -91.70                | 444.59                            | -5,881.94  | 1,493.96             | 1,380.76              | 113.21                  | 13.197            |                    |         |
| 12,400.00                   | 6,900.43            | 7,246.33            | 6,907.15            | 158.79          | 51.31       | -91.64                | 444.58                            | -5,881.94  | 1,400.44             | 1,283.50              | 116.94                  | 11.976            |                    |         |
| 12,500.00                   | 6,899.52            | 7,245.79            | 6,906.62            | 161.56          | 51.31       | -91.58                | 444.57                            | -5,881.94  | 1,307.87             | 1,186.63              | 121.23                  | 10.788            |                    |         |
| 12,600.00                   | 6,898.61            | 7,245.25            | 6,906.08            | 164.34          | 51.31       | -91.52                | 444.56                            | -5,881.94  | 1,216.47             | 1,090.28              | 126.20                  | 9.639             |                    |         |
| 12,700.00                   | 6,897.70            | 7,244.72            | 6,905.55            | 167.11          | 51.31       | -91.46                | 444.55                            | -5,881.93  | 1,126.54             | 994.59                | 131.95                  | 8.538             |                    |         |
| 12,800.00                   | 6,896.79            | 7,244.18            | 6,905.01            | 169.89          | 51.31       | -91.40                | 444.55                            | -5,881.93  | 1,038.45             | 899.82                | 138.63                  | 7.491             |                    |         |
| 12,900.00                   | 6,895.87            | 7,243.65            | 6,904.48            | 172.67          | 51.31       | -91.34                | 444.54                            | -5,881.93  | 952.72               | 806.33                | 146.39                  | 6.508             |                    |         |
| 13,000.00                   | 6,894.96            | 7,243.12            | 6,903.94            | 175.45          | 51.31       | -91.28                | 444.53                            | -5,881.93  | 870.04               | 714.64                | 155.40                  | 5.599             |                    |         |
| 13,100.00                   | 6,894.05            | 7,242.58            | 6,903.41            | 178.23          | 51.30       | -91.22                | 444.52                            | -5,881.92  | 791.36               | 625.61                | 165.75                  | 4.774             |                    |         |
| 13,200.00                   | 6,893.14            | 7,242.05            | 6,902.88            | 181.02          | 51.30       | -91.16                | 444.51                            | -5,881.92  | 718.01               | 540.55                | 177.47                  | 4.046             |                    |         |
| 13,300.00                   | 6,892.23            | 7,241.52            | 6,902.35            | 183.80          | 51.30       | -91.10                | 444.51                            | -5,881.92  | 651.79               | 461.50                | 190.28                  | 3.425             |                    |         |
| 13,400.00                   | 6,891.31            | 7,240.99            | 6,901.82            | 186.59          | 51.30       | -91.04                | 444.50                            | -5,881.92  | 595.07               | 391.60                | 203.47                  | 2.925             |                    |         |
| 13,500.00                   | 6,890.40            | 7,240.46            | 6,901.28            | 189.38          | 51.30       | -90.98                | 444.49                            | -5,881.91  | 550.82               | 335.20                | 215.62                  | 2.555             |                    |         |
| 13,600.00                   | 6,889.49            | 7,239.93            | 6,900.75            | 192.17          | 51.30       | -90.92                | 444.48                            | -5,881.91  | 522.19               | 297.47                | 224.72                  | 2.324             |                    |         |
| 13,700.00                   | 6,888.58            | 7,239.40            | 6,900.22            | 194.97          | 51.30       | -90.86                | 444.48                            | -5,881.91  | 511.83               | 282.89                | 228.94                  | 2.236             |                    |         |
| 13,703.58                   | 6,888.55            | 7,239.38            | 6,900.21            | 195.07          | 51.30       | -90.86                | 444.48                            | -5,881.91  | 511.82               | 282.83                | 228.98                  | 2.235 CC, ES, SF  |                    |         |
| 13,800.00                   | 6,887.67            | 7,238.87            | 6,899.69            | 197.76          | 51.30       | -90.80                | 444.47                            | -5,881.91  | 520.82               | 293.21                | 227.61                  | 2.288             |                    |         |
| 13,900.00                   | 6,886.76            | 7,238.34            | 6,899.17            | 200.56          | 51.29       | -90.74                | 444.46                            | -5,881.90  | 548.21               | 326.63                | 221.59                  | 2.474             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                        |                        |                        |                   |                |                             |   |               |                            |                             |                               |                      | Offset Site Error: | 0.00 ft |
|-----------------------------|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|-------------------------------|----------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                        |                        |                        |                   |                |                             |   |               |                            |                             |                               |                      | Offset Well Error: | 3.28 ft |
| Reference                   |                        | Offset                 |                        | Semi Major Axis   |                |                             | Distance                                |               |                            |                             |                               |                      |                    | Warning |
| Measured Depth<br>(ft)      | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) | Minimum<br>Separation<br>(ft) | Separation<br>Factor |                    |         |
| 14,000.00                   | 6,885.84               | 7,237.81               | 6,898.64               | 203.35            | 51.29          | -90.68                      | 444.45                                  | -5,881.90     | 591.46                     | 378.95                      | 212.51                        | 2.783                |                    |         |
| 14,100.00                   | 6,884.93               | 7,237.28               | 6,898.11               | 206.15            | 51.29          | -90.62                      | 444.44                                  | -5,881.90     | 647.38                     | 445.30                      | 202.08                        | 3.204                |                    |         |
| 14,200.00                   | 6,884.02               | 7,236.75               | 6,897.58               | 208.95            | 51.29          | -90.56                      | 444.44                                  | -5,881.90     | 713.01                     | 521.44                      | 191.57                        | 3.722                |                    |         |
| 14,300.00                   | 6,883.11               | 7,236.23               | 6,897.05               | 211.75            | 51.29          | -90.50                      | 444.43                                  | -5,881.89     | 785.92                     | 604.23                      | 181.69                        | 4.326                |                    |         |
| 14,400.00                   | 6,882.20               | 7,235.70               | 6,896.53               | 214.55            | 51.29          | -90.45                      | 444.42                                  | -5,881.89     | 864.26                     | 691.49                      | 172.78                        | 5.002                |                    |         |
| 14,500.00                   | 6,881.29               | 7,235.17               | 6,896.00               | 217.35            | 51.29          | -90.39                      | 444.41                                  | -5,881.89     | 946.69                     | 781.81                      | 164.88                        | 5.742                |                    |         |
| 14,600.00                   | 6,880.37               | 7,234.65               | 6,895.48               | 220.15            | 51.28          | -90.33                      | 444.41                                  | -5,881.89     | 1,032.24                   | 874.26                      | 157.97                        | 6.534                |                    |         |
| 14,700.00                   | 6,879.46               | 7,234.12               | 6,894.95               | 222.95            | 51.28          | -90.27                      | 444.40                                  | -5,881.89     | 1,120.17                   | 968.24                      | 151.93                        | 7.373                |                    |         |
| 14,800.00                   | 6,878.55               | 7,233.60               | 6,894.42               | 225.76            | 51.28          | -90.21                      | 444.39                                  | -5,881.88     | 1,209.99                   | 1,063.32                    | 146.67                        | 8.250                |                    |         |
| 14,900.00                   | 6,877.64               | 7,233.07               | 6,893.90               | 228.56            | 51.28          | -90.15                      | 444.38                                  | -5,881.88     | 1,301.29                   | 1,159.23                    | 142.06                        | 9.160                |                    |         |
| 15,000.00                   | 6,876.73               | 7,232.55               | 6,893.38               | 231.37            | 51.28          | -90.09                      | 444.37                                  | -5,881.88     | 1,393.78                   | 1,255.77                    | 138.01                        | 10.099               |                    |         |
| 15,100.00                   | 6,875.82               | 7,232.02               | 6,892.85               | 234.18            | 51.28          | -90.03                      | 444.37                                  | -5,881.88     | 1,487.25                   | 1,352.80                    | 134.45                        | 11.062               |                    |         |
| 15,200.00                   | 6,874.90               | 7,231.50               | 6,892.33               | 236.98            | 51.28          | -89.98                      | 444.36                                  | -5,881.87     | 1,581.51                   | 1,450.22                    | 131.29                        | 12.046               |                    |         |
| 15,300.00                   | 6,873.99               | 7,230.98               | 6,891.81               | 239.79            | 51.28          | -89.92                      | 444.35                                  | -5,881.87     | 1,676.44                   | 1,547.94                    | 128.50                        | 13.047               |                    |         |
| 15,400.00                   | 6,873.08               | 7,230.46               | 6,891.29               | 242.60            | 51.27          | -89.86                      | 444.34                                  | -5,881.87     | 1,771.93                   | 1,645.93                    | 126.00                        | 14.063               |                    |         |
| 15,500.00                   | 6,872.17               | 7,229.93               | 6,890.76               | 245.41            | 51.27          | -89.80                      | 444.34                                  | -5,881.87     | 1,867.89                   | 1,744.12                    | 123.77                        | 15.091               |                    |         |
| 15,600.00                   | 6,871.26               | 7,229.41               | 6,890.24               | 248.22            | 51.27          | -89.74                      | 444.33                                  | -5,881.86     | 1,964.25                   | 1,842.48                    | 121.77                        | 16.131               |                    |         |
| 15,700.00                   | 6,870.35               | 7,228.89               | 6,889.72               | 251.03            | 51.27          | -89.68                      | 444.32                                  | -5,881.86     | 2,060.96                   | 1,941.00                    | 119.96                        | 17.180               |                    |         |
| 15,737.91                   | 6,870.00               | 7,228.70               | 6,889.52               | 252.10            | 51.27          | -89.66                      | 444.32                                  | -5,881.86     | 2,097.70                   | 1,978.37                    | 119.33                        | 17.579               |                    |         |
| 15,738.53                   | 6,869.99               | 7,228.69               | 6,889.52               | 252.11            | 51.27          | -89.66                      | 444.32                                  | -5,881.86     | 2,098.30                   | 1,978.98                    | 119.32                        | 17.586               |                    |         |



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                        | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -104.35               | -1,396.12                         | -5,456.43  | 5,632.21             |                       |                         |                   |                    |         |
| 100.00                      | 100.00              | 53.57               | 53.57               | 3.28            | 3.28        | -104.35               | -1,395.95                         | -5,456.72  | 5,632.67             | 5,626.11              | 6.57                    | 857.685           |                    |         |
| 200.00                      | 200.00              | 109.66              | 109.65              | 3.34            | 3.29        | -104.34               | -1,395.39                         | -5,457.64  | 5,634.00             | 5,627.37              | 6.63                    | 849.801           |                    |         |
| 300.00                      | 300.00              | 207.94              | 207.89              | 3.44            | 3.36        | -104.32               | -1,393.93                         | -5,459.73  | 5,635.69             | 5,628.89              | 6.80                    | 828.614           |                    |         |
| 400.00                      | 399.98              | 312.26              | 312.18              | 3.60            | 3.48        | -134.41               | -1,392.48                         | -5,461.93  | 5,638.60             | 5,631.52              | 7.08                    | 796.232           |                    |         |
| 500.00                      | 499.84              | 443.31              | 443.20              | 3.81            | 3.71        | -134.37               | -1,390.72                         | -5,464.14  | 5,643.56             | 5,636.05              | 7.51                    | 751.682           |                    |         |
| 550.00                      | 549.68              | 499.80              | 499.68              | 3.93            | 3.83        | -134.34               | -1,389.79                         | -5,464.97  | 5,646.81             | 5,639.07              | 7.74                    | 729.260           |                    |         |
| 600.00                      | 599.45              | 545.22              | 545.08              | 4.06            | 3.93        | -136.61               | -1,388.93                         | -5,465.66  | 5,650.73             | 5,642.76              | 7.97                    | 708.736           |                    |         |
| 700.00                      | 698.71              | 637.58              | 637.41              | 4.33            | 4.16        | -139.43               | -1,386.87                         | -5,467.24  | 5,660.90             | 5,652.42              | 8.48                    | 667.541           |                    |         |
| 800.00                      | 797.49              | 750.09              | 749.87              | 4.64            | 4.48        | -141.11               | -1,384.44                         | -5,469.17  | 5,674.05             | 5,664.95              | 9.10                    | 623.536           |                    |         |
| 900.00                      | 895.68              | 840.65              | 840.40              | 4.97            | 4.75        | -142.17               | -1,382.09                         | -5,470.52  | 5,689.82             | 5,680.12              | 9.71                    | 586.224           |                    |         |
| 1,000.00                    | 993.14              | 903.52              | 903.22              | 5.33            | 4.95        | -142.84               | -1,380.05                         | -5,471.94  | 5,709.07             | 5,698.81              | 10.26                   | 556.389           |                    |         |
| 1,039.84                    | 1,031.75            | 948.46              | 948.11              | 5.48            | 5.10        | -143.06               | -1,378.50                         | -5,473.09  | 5,717.64             | 5,707.08              | 10.56                   | 541.496           |                    |         |
| 1,100.00                    | 1,089.94            | 1,016.21            | 1,015.80            | 5.72            | 5.33        | -143.14               | -1,376.24                         | -5,474.70  | 5,730.86             | 5,719.84              | 11.01                   | 520.387           |                    |         |
| 1,200.00                    | 1,186.67            | 1,102.98            | 1,102.51            | 6.13            | 5.64        | -143.24               | -1,373.43                         | -5,476.78  | 5,752.88             | 5,741.19              | 11.70                   | 491.880           |                    |         |
| 1,300.00                    | 1,283.39            | 1,219.90            | 1,219.33            | 6.55            | 6.06        | -143.38               | -1,369.74                         | -5,479.41  | 5,774.81             | 5,762.30              | 12.51                   | 461.563           |                    |         |
| 1,400.00                    | 1,380.12            | 1,279.22            | 1,278.61            | 6.99            | 6.27        | -143.45               | -1,368.05                         | -5,480.87  | 5,796.99             | 5,783.86              | 13.13                   | 441.449           |                    |         |
| 1,500.00                    | 1,476.85            | 1,382.93            | 1,382.25            | 7.45            | 6.66        | -143.58               | -1,365.29                         | -5,483.60  | 5,819.45             | 5,805.52              | 13.93                   | 417.660           |                    |         |
| 1,600.00                    | 1,573.57            | 1,486.53            | 1,485.78            | 7.90            | 7.05        | -143.70               | -1,362.49                         | -5,486.10  | 5,841.72             | 5,826.97              | 14.75                   | 396.050           |                    |         |
| 1,700.00                    | 1,670.30            | 1,615.32            | 1,614.50            | 8.37            | 7.54        | -143.86               | -1,359.08                         | -5,488.80  | 5,863.74             | 5,848.06              | 15.68                   | 373.968           |                    |         |
| 1,800.00                    | 1,767.03            | 1,711.74            | 1,710.87            | 8.85            | 7.91        | -143.97               | -1,356.65                         | -5,490.54  | 5,885.52             | 5,869.03              | 16.49                   | 356.888           |                    |         |
| 1,900.00                    | 1,863.75            | 1,746.59            | 1,745.70            | 9.32            | 8.05        | -144.01               | -1,355.77                         | -5,491.41  | 5,907.87             | 5,890.81              | 17.06                   | 346.325           |                    |         |
| 2,000.00                    | 1,960.48            | 1,800.00            | 1,799.06            | 9.81            | 8.26        | -144.07               | -1,354.36                         | -5,493.28  | 5,931.16             | 5,913.45              | 17.70                   | 335.008           |                    |         |
| 2,100.00                    | 2,057.21            | 1,800.00            | 1,799.06            | 10.29           | 8.26        | -144.07               | -1,354.36                         | -5,493.28  | 5,955.48             | 5,937.36              | 18.13                   | 328.560           |                    |         |
| 2,200.00                    | 2,153.93            | 1,859.63            | 1,858.56            | 10.78           | 8.51        | -144.13               | -1,352.16                         | -5,496.47  | 5,980.56             | 5,961.75              | 18.81                   | 318.000           |                    |         |
| 2,300.00                    | 2,250.66            | 1,900.00            | 1,898.77            | 11.28           | 8.68        | -144.16               | -1,350.02                         | -5,499.44  | 6,006.78             | 5,987.38              | 19.40                   | 309.579           |                    |         |
| 2,400.00                    | 2,347.39            | 2,051.91            | 2,049.96            | 11.77           | 9.34        | -144.27               | -1,340.95                         | -5,511.09  | 6,033.35             | 6,012.83              | 20.52                   | 293.956           |                    |         |
| 2,500.00                    | 2,444.11            | 2,160.58            | 2,158.02            | 12.27           | 9.82        | -144.33               | -1,332.44                         | -5,518.79  | 6,058.72             | 6,037.26              | 21.46                   | 282.307           |                    |         |
| 2,600.00                    | 2,540.84            | 2,200.00            | 2,197.17            | 12.77           | 10.00       | -144.34               | -1,329.05                         | -5,521.79  | 6,084.60             | 6,062.53              | 22.07                   | 275.688           |                    |         |
| 2,700.00                    | 2,637.57            | 2,267.72            | 2,264.40            | 13.27           | 10.31       | -144.37               | -1,323.19                         | -5,527.44  | 6,111.06             | 6,088.24              | 22.82                   | 267.789           |                    |         |
| 2,800.00                    | 2,734.30            | 2,319.81            | 2,316.07            | 13.78           | 10.55       | -144.39               | -1,318.75                         | -5,532.31  | 6,138.35             | 6,114.85              | 23.49                   | 261.268           |                    |         |
| 2,900.00                    | 2,831.02            | 2,382.51            | 2,378.18            | 14.28           | 10.86       | -144.41               | -1,312.93                         | -5,538.67  | 6,166.22             | 6,141.99              | 24.23                   | 254.531           |                    |         |
| 3,000.00                    | 2,927.75            | 2,551.07            | 2,544.90            | 14.79           | 11.68       | -144.44               | -1,295.02                         | -5,555.78  | 6,193.69             | 6,168.15              | 25.53                   | 242.594           |                    |         |
| 3,100.00                    | 3,024.48            | 2,632.87            | 2,625.59            | 15.29           | 12.09       | -144.43               | -1,284.50                         | -5,564.20  | 6,220.74             | 6,194.35              | 26.39                   | 235.715           |                    |         |
| 3,200.00                    | 3,121.20            | 2,700.00            | 2,691.74            | 15.80           | 12.44       | -144.43               | -1,275.71                         | -5,571.46  | 6,248.21             | 6,221.03              | 27.18                   | 229.912           |                    |         |
| 3,300.00                    | 3,217.93            | 2,753.95            | 2,744.90            | 16.31           | 12.72       | -144.42               | -1,268.78                         | -5,577.57  | 6,276.21             | 6,248.33              | 27.89                   | 225.074           |                    |         |
| 3,400.00                    | 3,314.66            | 2,810.10            | 2,800.21            | 16.82           | 13.01       | -144.42               | -1,261.80                         | -5,584.25  | 6,304.85             | 6,276.24              | 28.60                   | 220.411           |                    |         |
| 3,500.00                    | 3,411.38            | 2,874.94            | 2,864.04            | 17.33           | 13.35       | -144.42               | -1,253.79                         | -5,592.31  | 6,334.01             | 6,304.63              | 29.37                   | 215.632           |                    |         |
| 3,600.00                    | 3,508.11            | 2,930.95            | 2,919.15            | 17.84           | 13.65       | -144.41               | -1,246.85                         | -5,599.57  | 6,363.67             | 6,333.58              | 30.09                   | 211.464           |                    |         |
| 3,700.00                    | 3,604.84            | 2,981.29            | 2,968.62            | 18.36           | 13.93       | -144.41               | -1,240.61                         | -5,606.47  | 6,393.99             | 6,363.21              | 30.78                   | 207.739           |                    |         |
| 3,800.00                    | 3,701.56            | 3,033.34            | 3,019.72            | 18.87           | 14.22       | -144.40               | -1,234.20                         | -5,613.97  | 6,424.98             | 6,393.50              | 31.47                   | 204.133           |                    |         |
| 3,900.00                    | 3,798.29            | 3,100.00            | 3,085.13            | 19.38           | 14.59       | -144.40               | -1,226.16                         | -5,624.02  | 6,456.61             | 6,424.35              | 32.26                   | 200.147           |                    |         |
| 4,000.00                    | 3,895.02            | 3,221.98            | 3,204.71            | 19.89           | 15.29       | -144.38               | -1,210.73                         | -5,642.51  | 6,488.22             | 6,454.83              | 33.40                   | 194.272           |                    |         |
| 4,100.00                    | 3,991.74            | 3,300.73            | 3,281.84            | 20.41           | 15.74       | -144.36               | -1,200.26                         | -5,654.46  | 6,519.66             | 6,485.39              | 34.27                   | 190.231           |                    |         |
| 4,200.00                    | 4,088.47            | 3,468.17            | 3,445.77            | 20.92           | 16.72       | -144.32               | -1,177.05                         | -5,679.45  | 6,550.76             | 6,515.04              | 35.72                   | 183.380           |                    |         |
| 4,300.00                    | 4,185.20            | 3,571.67            | 3,547.30            | 21.44           | 17.30       | -144.30               | -1,163.19                         | -5,693.94  | 6,581.09             | 6,544.34              | 36.75                   | 179.058           |                    |         |
| 4,400.00                    | 4,281.92            | 3,722.63            | 3,695.25            | 21.95           | 18.17       | -144.26               | -1,141.66                         | -5,714.89  | 6,611.10             | 6,573.01              | 38.10                   | 173.539           |                    |         |
| 4,500.00                    | 4,378.65            | 3,800.00            | 3,771.01            | 22.47           | 18.61       | -144.24               | -1,130.12                         | -5,725.46  | 6,640.76             | 6,601.78              | 38.97                   | 170.388           |                    |         |
| 4,600.00                    | 4,475.38            | 3,872.01            | 3,841.50            | 22.99           | 19.03       | -144.22               | -1,119.34                         | -5,735.55  | 6,670.72             | 6,630.89              | 39.82                   | 167.516           |                    |         |
| 4,700.00                    | 4,572.10            | 3,971.69            | 3,939.07            | 23.50           | 19.60       | -144.19               | -1,104.76                         | -5,749.74  | 6,700.97             | 6,660.12              | 40.84                   | 164.063           |                    |         |
| 4,800.00                    | 4,668.83            | 4,048.23            | 4,014.13            | 24.02           | 20.05       | -144.17               | -1,094.18                         | -5,760.39  | 6,731.14             | 6,689.42              | 41.71                   | 161.367           |                    |         |
| 4,900.00                    | 4,765.56            | 4,100.00            | 4,064.82            | 24.53           | 20.34       | -144.16               | -1,086.79                         | -5,767.90  | 6,761.76             | 6,719.34              | 42.42                   | 159.404           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                    | 4,862.28            | 4,159.57            | 4,123.13            | 25.05           | 20.69       | -144.14               | -1,078.48                         | -5,776.84  | 6,792.94             | 6,749.76              | 43.18                   | 157.331           |                    |         |
| 5,100.00                    | 4,959.01            | 4,219.87            | 4,182.19            | 25.57           | 21.05       | -144.13               | -1,070.74                         | -5,786.15  | 6,824.72             | 6,780.79              | 43.93                   | 155.343           |                    |         |
| 5,200.00                    | 5,055.74            | 4,316.15            | 4,276.61            | 26.09           | 21.61       | -144.12               | -1,059.09                         | -5,800.97  | 6,856.68             | 6,811.76              | 44.92                   | 152.635           |                    |         |
| 5,300.00                    | 5,152.46            | 4,428.24            | 4,386.35            | 26.60           | 22.27       | -144.10               | -1,044.45                         | -5,818.49  | 6,888.63             | 6,842.60              | 46.03                   | 149.667           |                    |         |
| 5,400.00                    | 5,249.19            | 4,544.58            | 4,500.29            | 27.12           | 22.96       | -144.08               | -1,028.82                         | -5,836.04  | 6,919.91             | 6,872.74              | 47.17                   | 146.716           |                    |         |
| 5,500.00                    | 5,345.92            | 4,640.94            | 4,594.63            | 27.64           | 23.52       | -144.06               | -1,015.98                         | -5,850.85  | 6,951.54             | 6,903.38              | 48.17                   | 144.321           |                    |         |
| 5,600.00                    | 5,442.65            | 4,848.01            | 4,797.45            | 28.16           | 24.72       | -144.01               | -986.62                           | -5,880.47  | 6,981.72             | 6,931.81              | 49.91                   | 139.880           |                    |         |
| 5,700.00                    | 5,539.37            | 4,937.05            | 4,884.74            | 28.68           | 25.23       | -144.00               | -973.99                           | -5,892.69  | 7,011.61             | 6,960.75              | 50.86                   | 137.848           |                    |         |
| 5,800.00                    | 5,636.10            | 5,013.37            | 4,959.61            | 29.20           | 25.66       | -143.98               | -963.55                           | -5,903.19  | 7,041.68             | 6,989.95              | 51.73                   | 136.132           |                    |         |
| 5,900.00                    | 5,732.83            | 5,072.45            | 5,017.59            | 29.71           | 26.00       | -143.97               | -955.77                           | -5,911.50  | 7,072.14             | 7,019.67              | 52.47                   | 134.780           |                    |         |
| 6,000.00                    | 5,829.55            | 5,758.43            | 5,698.64            | 30.23           | 28.98       | -144.29               | -903.56                           | -5,965.72  | 7,095.20             | 7,038.71              | 56.49                   | 125.606           |                    |         |
| 6,100.00                    | 5,926.28            | 5,892.84            | 5,832.98            | 30.75           | 29.47       | -144.42               | -900.97                           | -5,968.83  | 7,117.74             | 7,060.24              | 57.50                   | 123.782           |                    |         |
| 6,200.00                    | 6,023.01            | 6,044.12            | 5,984.24            | 31.27           | 30.02       | -144.59               | -899.22                           | -5,970.66  | 7,139.38             | 7,080.80              | 58.59                   | 121.861           |                    |         |
| 6,300.00                    | 6,119.73            | 6,152.41            | 6,092.51            | 31.79           | 30.41       | -144.71               | -897.91                           | -5,971.72  | 7,160.92             | 7,101.43              | 59.48                   | 120.382           |                    |         |
| 6,397.75                    | 6,214.28            | 6,263.22            | 6,203.32            | 32.30           | 30.82       | -144.82               | -896.26                           | -5,972.50  | 7,181.63             | 7,121.25              | 60.39                   | 118.929           |                    |         |
| 6,400.00                    | 6,216.46            | 6,265.37            | 6,205.46            | 32.31           | 30.82       | -144.23               | -896.22                           | -5,972.51  | 7,182.11             | 7,121.70              | 60.40                   | 118.899           |                    |         |
| 6,450.00                    | 6,265.12            | 6,310.66            | 6,250.75            | 32.56           | 30.99       | -128.01               | -895.53                           | -5,972.82  | 7,190.66             | 7,129.85              | 60.81                   | 118.246           |                    |         |
| 6,500.00                    | 6,314.12            | 6,349.32            | 6,289.40            | 32.78           | 31.13       | -106.51               | -894.94                           | -5,973.13  | 7,195.49             | 7,134.32              | 61.18                   | 117.617           |                    |         |
| 6,550.00                    | 6,363.16            | 6,388.04            | 6,328.11            | 32.99           | 31.27       | -84.28                | -894.35                           | -5,973.49  | 7,196.60             | 7,135.08              | 61.53                   | 116.962           |                    |         |
| 6,600.00                    | 6,411.94            | 6,431.85            | 6,371.92            | 33.18           | 31.43       | -66.87                | -893.71                           | -5,973.95  | 7,193.97             | 7,132.09              | 61.89                   | 116.247           |                    |         |
| 6,650.00                    | 6,460.15            | 6,477.53            | 6,417.59            | 33.35           | 31.60       | -55.11                | -893.12                           | -5,974.43  | 7,187.58             | 7,125.35              | 62.23                   | 115.501           |                    |         |
| 6,700.00                    | 6,507.49            | 6,526.96            | 6,467.01            | 33.52           | 31.79       | -47.43                | -892.59                           | -5,974.92  | 7,177.46             | 7,114.89              | 62.57                   | 114.708           |                    |         |
| 6,750.00                    | 6,553.69            | 6,579.61            | 6,519.66            | 33.69           | 31.98       | -42.38                | -892.16                           | -5,975.37  | 7,163.63             | 7,100.72              | 62.91                   | 113.871           |                    |         |
| 6,800.00                    | 6,598.44            | 6,623.91            | 6,563.96            | 33.85           | 32.15       | -39.01                | -891.89                           | -5,975.69  | 7,146.20             | 7,083.01              | 63.19                   | 113.083           |                    |         |
| 6,850.00                    | 6,641.47            | 6,662.33            | 6,602.38            | 34.02           | 32.29       | -36.79                | -891.58                           | -5,976.02  | 7,125.32             | 7,061.89              | 63.44                   | 112.321           |                    |         |
| 6,900.00                    | 6,682.53            | 6,699.11            | 6,639.15            | 34.19           | 32.42       | -35.42                | -891.20                           | -5,976.38  | 7,101.13             | 7,037.48              | 63.66                   | 111.551           |                    |         |
| 6,950.00                    | 6,721.35            | 6,747.05            | 6,687.09            | 34.38           | 32.60       | -34.76                | -890.64                           | -5,976.86  | 7,073.74             | 7,009.83              | 63.92                   | 110.671           |                    |         |
| 7,000.00                    | 6,757.70            | 6,792.24            | 6,732.27            | 34.57           | 32.77       | -34.70                | -890.08                           | -5,977.26  | 7,043.29             | 6,979.14              | 64.15                   | 109.787           |                    |         |
| 7,050.00                    | 6,791.35            | 6,825.01            | 6,765.04            | 34.79           | 32.90       | -35.15                | -889.64                           | -5,977.54  | 7,010.00             | 6,945.67              | 64.33                   | 108.972           |                    |         |
| 7,100.00                    | 6,822.10            | 6,853.19            | 6,793.22            | 35.03           | 33.00       | -36.15                | -889.19                           | -5,977.82  | 6,974.10             | 6,909.62              | 64.48                   | 108.164           |                    |         |
| 7,150.00                    | 6,849.75            | 6,878.69            | 6,818.71            | 35.30           | 33.10       | -37.77                | -888.72                           | -5,978.10  | 6,935.82             | 6,871.20              | 64.61                   | 107.347           |                    |         |
| 7,200.00                    | 6,874.14            | 6,901.37            | 6,841.38            | 35.61           | 33.18       | -40.12                | -888.25                           | -5,978.37  | 6,895.38             | 6,830.65              | 64.73                   | 106.522           |                    |         |
| 7,250.00                    | 6,895.11            | 6,921.44            | 6,861.45            | 35.95           | 33.26       | -43.40                | -887.83                           | -5,978.63  | 6,853.05             | 6,788.20              | 64.84                   | 105.685           |                    |         |
| 7,300.00                    | 6,912.54            | 6,938.25            | 6,878.25            | 36.34           | 33.32       | -47.89                | -887.47                           | -5,978.84  | 6,809.06             | 6,744.12              | 64.95                   | 104.842           |                    |         |
| 7,350.00                    | 6,926.31            | 6,951.67            | 6,891.66            | 36.77           | 33.37       | -54.00                | -887.18                           | -5,979.02  | 6,763.70             | 6,698.66              | 65.04                   | 103.994           |                    |         |
| 7,400.00                    | 6,936.35            | 6,961.62            | 6,901.61            | 37.25           | 33.41       | -62.26                | -886.97                           | -5,979.15  | 6,717.24             | 6,652.11              | 65.13                   | 103.143           |                    |         |
| 7,450.00                    | 6,942.59            | 6,968.03            | 6,908.02            | 37.76           | 33.43       | -73.22                | -886.83                           | -5,979.24  | 6,669.96             | 6,604.75              | 65.20                   | 102.292           |                    |         |
| 7,500.00                    | 6,944.99            | 6,970.86            | 6,910.84            | 38.31           | 33.44       | -86.96                | -886.77                           | -5,979.27  | 6,622.14             | 6,556.87              | 65.28                   | 101.443           |                    |         |
| 7,512.10                    | 6,945.00            | 6,971.00            | 6,910.99            | 38.44           | 33.44       | -90.62                | -886.77                           | -5,979.28  | 6,610.53             | 6,545.23              | 65.30                   | 101.237           |                    |         |
| 7,600.00                    | 6,944.19            | 6,971.26            | 6,911.25            | 39.51           | 33.45       | -90.63                | -886.76                           | -5,979.28  | 6,526.14             | 6,460.70              | 65.43                   | 99.739            |                    |         |
| 7,700.00                    | 6,943.28            | 6,971.57            | 6,911.56            | 40.90           | 33.45       | -90.64                | -886.75                           | -5,979.28  | 6,430.24             | 6,364.63              | 65.61                   | 98.005            |                    |         |
| 7,800.00                    | 6,942.37            | 6,971.87            | 6,911.86            | 42.44           | 33.45       | -90.65                | -886.75                           | -5,979.29  | 6,334.47             | 6,268.65              | 65.82                   | 96.237            |                    |         |
| 7,900.00                    | 6,941.46            | 6,972.18            | 6,912.17            | 44.11           | 33.45       | -90.66                | -886.74                           | -5,979.29  | 6,238.84             | 6,172.78              | 66.06                   | 94.435            |                    |         |
| 8,000.00                    | 6,940.55            | 6,972.49            | 6,912.48            | 45.90           | 33.45       | -90.67                | -886.73                           | -5,979.30  | 6,143.34             | 6,077.00              | 66.34                   | 92.601            |                    |         |
| 8,100.00                    | 6,939.64            | 6,972.79            | 6,912.78            | 47.80           | 33.45       | -90.68                | -886.73                           | -5,979.30  | 6,048.00             | 5,981.34              | 66.66                   | 90.735            |                    |         |
| 8,200.00                    | 6,938.72            | 6,973.10            | 6,913.09            | 49.79           | 33.45       | -90.69                | -886.72                           | -5,979.30  | 5,952.80             | 5,885.79              | 67.01                   | 88.836            |                    |         |
| 8,300.00                    | 6,937.81            | 6,973.41            | 6,913.40            | 51.86           | 33.45       | -90.70                | -886.71                           | -5,979.31  | 5,857.76             | 5,790.36              | 67.40                   | 86.907            |                    |         |
| 8,400.00                    | 6,936.90            | 6,973.72            | 6,913.71            | 54.01           | 33.45       | -90.71                | -886.71                           | -5,979.31  | 5,762.89             | 5,695.05              | 67.84                   | 84.948            |                    |         |
| 8,500.00                    | 6,935.99            | 6,974.03            | 6,914.02            | 56.21           | 33.46       | -90.71                | -886.70                           | -5,979.32  | 5,668.20             | 5,599.87              | 68.32                   | 82.961            |                    |         |
| 8,600.00                    | 6,935.08            | 6,974.34            | 6,914.33            | 58.47           | 33.46       | -90.72                | -886.69                           | -5,979.32  | 5,573.69             | 5,504.84              | 68.86                   | 80.947            |                    |         |
| 8,700.00                    | 6,934.17            | 6,974.65            | 6,914.64            | 60.78           | 33.46       | -90.73                | -886.69                           | -5,979.32  | 5,479.38             | 5,409.94              | 69.44                   | 78.910            |                    |         |
| 8,800.00                    | 6,933.25            | 6,974.96            | 6,914.95            | 63.13           | 33.46       | -90.74                | -886.68                           | -5,979.33  | 5,385.27             | 5,315.20              | 70.07                   | 76.851            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00                    | 6,932.34            | 6,975.28            | 6,915.27            | 65.52           | 33.46       | -90.75                | -886.67                           | -5,979.33  | 5,291.38             | 5,220.61              | 70.77                   | 74.772            |                    |         |
| 9,000.00                    | 6,931.43            | 6,975.59            | 6,915.58            | 67.95           | 33.46       | -90.76                | -886.67                           | -5,979.34  | 5,197.72             | 5,126.20              | 71.52                   | 72.677            |                    |         |
| 9,100.00                    | 6,930.52            | 6,975.91            | 6,915.89            | 70.40           | 33.46       | -90.77                | -886.66                           | -5,979.34  | 5,104.29             | 5,031.96              | 72.33                   | 70.569            |                    |         |
| 9,200.00                    | 6,929.61            | 6,976.22            | 6,916.21            | 72.89           | 33.46       | -90.78                | -886.65                           | -5,979.35  | 5,011.13             | 4,937.92              | 73.21                   | 68.450            |                    |         |
| 9,300.00                    | 6,928.69            | 6,976.54            | 6,916.52            | 75.40           | 33.47       | -90.79                | -886.65                           | -5,979.35  | 4,918.22             | 4,844.07              | 74.15                   | 66.325            |                    |         |
| 9,400.00                    | 6,927.78            | 6,976.85            | 6,916.84            | 77.93           | 33.47       | -90.80                | -886.64                           | -5,979.35  | 4,825.61             | 4,750.44              | 75.17                   | 64.197            |                    |         |
| 9,500.00                    | 6,926.87            | 6,977.17            | 6,917.16            | 80.48           | 33.47       | -90.81                | -886.63                           | -5,979.36  | 4,733.29             | 4,657.03              | 76.26                   | 62.069            |                    |         |
| 9,600.00                    | 6,925.96            | 6,977.49            | 6,917.48            | 83.05           | 33.47       | -90.82                | -886.63                           | -5,979.36  | 4,641.29             | 4,563.87              | 77.42                   | 59.946            |                    |         |
| 9,700.00                    | 6,925.05            | 6,977.81            | 6,917.79            | 85.64           | 33.47       | -90.83                | -886.62                           | -5,979.37  | 4,549.63             | 4,470.96              | 78.67                   | 57.830            |                    |         |
| 9,800.00                    | 6,924.14            | 6,978.13            | 6,918.11            | 88.25           | 33.47       | -90.84                | -886.61                           | -5,979.37  | 4,458.33             | 4,378.33              | 80.00                   | 55.727            |                    |         |
| 9,900.00                    | 6,923.22            | 6,978.45            | 6,918.43            | 90.86           | 33.47       | -90.85                | -886.61                           | -5,979.38  | 4,367.41             | 4,285.99              | 81.42                   | 53.639            |                    |         |
| 10,000.00                   | 6,922.31            | 6,978.77            | 6,918.75            | 93.50           | 33.47       | -90.86                | -886.60                           | -5,979.38  | 4,276.89             | 4,193.96              | 82.93                   | 51.571            |                    |         |
| 10,100.00                   | 6,921.40            | 6,979.09            | 6,919.08            | 96.14           | 33.48       | -90.87                | -886.59                           | -5,979.38  | 4,186.81             | 4,102.27              | 84.54                   | 49.526            |                    |         |
| 10,200.00                   | 6,920.49            | 6,979.41            | 6,919.40            | 98.79           | 33.48       | -90.88                | -886.58                           | -5,979.39  | 4,097.19             | 4,010.94              | 86.24                   | 47.507            |                    |         |
| 10,300.00                   | 6,919.58            | 6,979.74            | 6,919.72            | 101.45          | 33.48       | -90.89                | -886.58                           | -5,979.39  | 4,008.05             | 3,920.00              | 88.06                   | 45.518            |                    |         |
| 10,400.00                   | 6,918.67            | 6,980.06            | 6,920.05            | 104.13          | 33.48       | -90.90                | -886.57                           | -5,979.40  | 3,919.44             | 3,829.47              | 89.97                   | 43.562            |                    |         |
| 10,500.00                   | 6,917.75            | 6,980.39            | 6,920.37            | 106.81          | 33.48       | -90.91                | -886.56                           | -5,979.40  | 3,831.39             | 3,739.39              | 92.01                   | 41.642            |                    |         |
| 10,600.00                   | 6,916.84            | 6,980.71            | 6,920.70            | 109.50          | 33.48       | -90.92                | -886.56                           | -5,979.41  | 3,743.95             | 3,649.79              | 94.16                   | 39.761            |                    |         |
| 10,700.00                   | 6,915.93            | 6,981.04            | 6,921.02            | 112.19          | 33.48       | -90.93                | -886.55                           | -5,979.41  | 3,657.14             | 3,560.70              | 96.44                   | 37.922            |                    |         |
| 10,800.00                   | 6,915.02            | 6,981.36            | 6,921.35            | 114.90          | 33.48       | -90.94                | -886.54                           | -5,979.41  | 3,571.03             | 3,472.18              | 98.85                   | 36.127            |                    |         |
| 10,900.00                   | 6,914.11            | 6,981.69            | 6,921.68            | 117.61          | 33.48       | -90.95                | -886.54                           | -5,979.42  | 3,485.66             | 3,384.27              | 101.39                  | 34.378            |                    |         |
| 11,000.00                   | 6,913.20            | 6,982.02            | 6,922.01            | 120.32          | 33.49       | -90.96                | -886.53                           | -5,979.42  | 3,401.08             | 3,297.00              | 104.08                  | 32.679            |                    |         |
| 11,100.00                   | 6,912.28            | 6,982.35            | 6,922.34            | 123.04          | 33.49       | -90.97                | -886.52                           | -5,979.43  | 3,317.36             | 3,210.45              | 106.91                  | 31.029            |                    |         |
| 11,200.00                   | 6,911.37            | 6,982.68            | 6,922.67            | 125.77          | 33.49       | -90.98                | -886.51                           | -5,979.43  | 3,234.57             | 3,124.67              | 109.90                  | 29.432            |                    |         |
| 11,300.00                   | 6,910.46            | 6,983.01            | 6,923.00            | 128.50          | 33.49       | -90.99                | -886.51                           | -5,979.44  | 3,152.78             | 3,039.73              | 113.05                  | 27.889            |                    |         |
| 11,400.00                   | 6,909.55            | 6,983.34            | 6,923.33            | 131.24          | 33.49       | -91.01                | -886.50                           | -5,979.44  | 3,072.06             | 2,955.70              | 116.36                  | 26.401            |                    |         |
| 11,500.00                   | 6,908.64            | 6,983.68            | 6,923.66            | 133.98          | 33.49       | -91.02                | -886.49                           | -5,979.45  | 2,992.51             | 2,872.66              | 119.85                  | 24.969            |                    |         |
| 11,600.00                   | 6,907.73            | 6,984.01            | 6,923.99            | 136.72          | 33.49       | -91.03                | -886.49                           | -5,979.45  | 2,914.22             | 2,790.70              | 123.52                  | 23.594            |                    |         |
| 11,700.00                   | 6,906.81            | 6,984.34            | 6,924.33            | 139.47          | 33.49       | -91.04                | -886.48                           | -5,979.45  | 2,837.29             | 2,709.93              | 127.36                  | 22.277            |                    |         |
| 11,800.00                   | 6,905.90            | 6,984.68            | 6,924.66            | 142.22          | 33.50       | -91.05                | -886.47                           | -5,979.46  | 2,761.84             | 2,630.44              | 131.40                  | 21.019            |                    |         |
| 11,900.00                   | 6,904.99            | 6,985.01            | 6,925.00            | 144.97          | 33.50       | -91.06                | -886.46                           | -5,979.46  | 2,687.99             | 2,552.37              | 135.63                  | 19.819            |                    |         |
| 12,000.00                   | 6,904.08            | 6,985.35            | 6,925.34            | 147.73          | 33.50       | -91.07                | -886.46                           | -5,979.47  | 2,615.89             | 2,475.84              | 140.04                  | 18.679            |                    |         |
| 12,100.00                   | 6,903.17            | 6,985.69            | 6,925.67            | 150.49          | 33.50       | -91.08                | -886.45                           | -5,979.47  | 2,545.67             | 2,401.02              | 144.65                  | 17.599            |                    |         |
| 12,200.00                   | 6,902.26            | 6,986.03            | 6,926.01            | 153.26          | 33.50       | -91.09                | -886.44                           | -5,979.48  | 2,477.49             | 2,328.05              | 149.44                  | 16.578            |                    |         |
| 12,300.00                   | 6,901.34            | 6,986.37            | 6,926.35            | 156.02          | 33.50       | -91.10                | -886.43                           | -5,979.48  | 2,411.54             | 2,257.12              | 154.42                  | 15.617            |                    |         |
| 12,400.00                   | 6,900.43            | 6,986.71            | 6,926.69            | 158.79          | 33.50       | -91.11                | -886.43                           | -5,979.49  | 2,347.99             | 2,188.43              | 159.56                  | 14.715            |                    |         |
| 12,500.00                   | 6,899.52            | 6,987.05            | 6,927.03            | 161.56          | 33.51       | -91.12                | -886.42                           | -5,979.49  | 2,287.05             | 2,122.19              | 164.86                  | 13.873            |                    |         |
| 12,600.00                   | 6,898.61            | 6,987.39            | 6,927.37            | 164.34          | 33.51       | -91.13                | -886.41                           | -5,979.50  | 2,228.94             | 2,058.64              | 170.29                  | 13.089            |                    |         |
| 12,700.00                   | 6,897.70            | 6,987.73            | 6,927.71            | 167.11          | 33.51       | -91.14                | -886.41                           | -5,979.50  | 2,173.87             | 1,998.03              | 175.84                  | 12.363            |                    |         |
| 12,800.00                   | 6,896.79            | 6,988.07            | 6,928.06            | 169.89          | 33.51       | -91.15                | -886.40                           | -5,979.51  | 2,122.09             | 1,940.64              | 181.45                  | 11.695            |                    |         |
| 12,900.00                   | 6,895.87            | 6,988.42            | 6,928.40            | 172.67          | 33.51       | -91.16                | -886.39                           | -5,979.51  | 2,073.84             | 1,886.74              | 187.10                  | 11.084            |                    |         |
| 13,000.00                   | 6,894.96            | 6,988.76            | 6,928.75            | 175.45          | 33.51       | -91.17                | -886.38                           | -5,979.51  | 2,029.37             | 1,836.64              | 192.73                  | 10.530            |                    |         |
| 13,100.00                   | 6,894.05            | 6,989.11            | 6,929.09            | 178.23          | 33.51       | -91.19                | -886.38                           | -5,979.52  | 1,988.94             | 1,790.65              | 198.29                  | 10.030            |                    |         |
| 13,200.00                   | 6,893.14            | 6,989.46            | 6,929.44            | 181.02          | 33.51       | -91.20                | -886.37                           | -5,979.52  | 1,952.81             | 1,749.08              | 203.72                  | 9.586             |                    |         |
| 13,300.00                   | 6,892.23            | 6,989.80            | 6,929.79            | 183.80          | 33.52       | -91.21                | -886.36                           | -5,979.53  | 1,921.20             | 1,712.24              | 208.96                  | 9.194             |                    |         |
| 13,400.00                   | 6,891.31            | 6,990.15            | 6,930.13            | 186.59          | 33.52       | -91.22                | -886.35                           | -5,979.53  | 1,894.34             | 1,680.42              | 213.92                  | 8.855             |                    |         |
| 13,500.00                   | 6,890.40            | 6,990.50            | 6,930.48            | 189.38          | 33.52       | -91.23                | -886.35                           | -5,979.54  | 1,872.46             | 1,653.91              | 218.55                  | 8.568             |                    |         |
| 13,600.00                   | 6,889.49            | 6,990.85            | 6,930.83            | 192.17          | 33.52       | -91.24                | -886.34                           | -5,979.54  | 1,855.70             | 1,632.93              | 222.77                  | 8.330             |                    |         |
| 13,700.00                   | 6,888.58            | 6,991.20            | 6,931.18            | 194.97          | 33.52       | -91.25                | -886.33                           | -5,979.55  | 1,844.23             | 1,617.70              | 226.52                  | 8.141             |                    |         |
| 13,800.00                   | 6,887.67            | 6,991.55            | 6,931.53            | 197.76          | 33.52       | -91.26                | -886.32                           | -5,979.55  | 1,838.13             | 1,608.37              | 229.76                  | 8.000             |                    |         |
| 13,862.27                   | 6,887.10            | 6,991.77            | 6,931.75            | 199.50          | 33.52       | -91.27                | -886.32                           | -5,979.56  | 1,837.08             | 1,605.57              | 231.50                  | 7.935 CC          |                    |         |
| 13,900.00                   | 6,886.76            | 6,991.90            | 6,931.89            | 200.56          | 33.52       | -91.27                | -886.32                           | -5,979.56  | 1,837.46             | 1,605.02              | 232.45                  | 7.905 ES          |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00                   | 6,885.84            | 6,992.26            | 6,932.24            | 203.35          | 33.52       | -91.28                | -886.31                           | -5,979.56  | 1,842.23             | 1,607.68              | 234.55                  | 7.854             |                    |         |
| 14,100.00                   | 6,884.93            | 6,992.61            | 6,932.59            | 206.15          | 33.53       | -91.29                | -886.30                           | -5,979.57  | 1,852.39             | 1,616.33              | 236.07                  | 7.847 SF          |                    |         |
| 14,200.00                   | 6,884.02            | 6,992.97            | 6,932.95            | 208.95          | 33.53       | -91.31                | -886.29                           | -5,979.57  | 1,867.86             | 1,630.86              | 237.00                  | 7.881             |                    |         |
| 14,300.00                   | 6,883.11            | 6,993.32            | 6,933.31            | 211.75          | 33.53       | -91.32                | -886.29                           | -5,979.58  | 1,888.51             | 1,651.12              | 237.38                  | 7.956             |                    |         |
| 14,400.00                   | 6,882.20            | 6,993.68            | 6,933.66            | 214.55          | 33.53       | -91.33                | -886.28                           | -5,979.58  | 1,914.16             | 1,676.92              | 237.23                  | 8.069             |                    |         |
| 14,500.00                   | 6,881.29            | 6,994.04            | 6,934.02            | 217.35          | 33.53       | -91.34                | -886.27                           | -5,979.59  | 1,944.62             | 1,708.02              | 236.60                  | 8.219             |                    |         |
| 14,600.00                   | 6,880.37            | 6,994.40            | 6,934.38            | 220.15          | 33.53       | -91.35                | -886.26                           | -5,979.59  | 1,979.67             | 1,744.13              | 235.54                  | 8.405             |                    |         |
| 14,700.00                   | 6,879.46            | 6,994.76            | 6,934.74            | 222.95          | 33.53       | -91.36                | -886.25                           | -5,979.60  | 2,019.07             | 1,784.97              | 234.10                  | 8.625             |                    |         |
| 14,800.00                   | 6,878.55            | 6,995.12            | 6,935.10            | 225.76          | 33.54       | -91.37                | -886.25                           | -5,979.60  | 2,062.56             | 1,830.23              | 232.33                  | 8.878             |                    |         |
| 14,900.00                   | 6,877.64            | 6,995.48            | 6,935.46            | 228.56          | 33.54       | -91.38                | -886.24                           | -5,979.61  | 2,109.91             | 1,879.61              | 230.30                  | 9.162             |                    |         |
| 15,000.00                   | 6,876.73            | 6,995.84            | 6,935.82            | 231.37          | 33.54       | -91.39                | -886.23                           | -5,979.61  | 2,160.85             | 1,932.80              | 228.05                  | 9.475             |                    |         |
| 15,100.00                   | 6,875.82            | 6,996.20            | 6,936.18            | 234.18          | 33.54       | -91.41                | -886.22                           | -5,979.62  | 2,215.13             | 1,989.51              | 225.62                  | 9.818             |                    |         |
| 15,200.00                   | 6,874.90            | 6,996.57            | 6,936.55            | 236.98          | 33.54       | -91.42                | -886.22                           | -5,979.62  | 2,272.52             | 2,049.45              | 223.07                  | 10.187            |                    |         |
| 15,300.00                   | 6,873.99            | 6,996.93            | 6,936.91            | 239.79          | 33.54       | -91.43                | -886.21                           | -5,979.63  | 2,332.79             | 2,112.35              | 220.43                  | 10.583            |                    |         |
| 15,400.00                   | 6,873.08            | 6,997.30            | 6,937.28            | 242.60          | 33.54       | -91.44                | -886.20                           | -5,979.63  | 2,395.71             | 2,177.98              | 217.73                  | 11.003            |                    |         |
| 15,500.00                   | 6,872.17            | 6,997.67            | 6,937.65            | 245.41          | 33.55       | -91.45                | -886.19                           | -5,979.64  | 2,461.09             | 2,246.09              | 215.00                  | 11.447            |                    |         |
| 15,600.00                   | 6,871.26            | 6,998.03            | 6,938.01            | 248.22          | 33.55       | -91.46                | -886.18                           | -5,979.64  | 2,528.74             | 2,316.47              | 212.26                  | 11.913            |                    |         |
| 15,700.00                   | 6,870.35            | 6,998.40            | 6,938.38            | 251.03          | 33.55       | -91.47                | -886.18                           | -5,979.65  | 2,598.47             | 2,388.93              | 209.54                  | 12.401            |                    |         |
| 15,737.91                   | 6,870.00            | 6,998.54            | 6,938.52            | 252.10          | 33.55       | -91.48                | -886.17                           | -5,979.65  | 2,625.42             | 2,416.90              | 208.51                  | 12.591            |                    |         |
| 15,738.53                   | 6,869.99            | 6,998.54            | 6,938.52            | 252.11          | 33.55       | -91.48                | -886.17                           | -5,979.65  | 2,625.86             | 2,417.36              | 208.50                  | 12.594            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                        | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -104.63               | -1,425.26                         | -5,459.22  | 5,642.20             |                       |                         |                   |                    |         |
| 100.00                      | 100.00              | 79.59               | 79.59               | 3.28            | 3.28        | -104.63               | -1,425.11                         | -5,459.45  | 5,642.44             | 5,635.87              | 6.57                    | 858.910           |                    |         |
| 200.00                      | 200.00              | 172.74              | 172.73              | 3.34            | 3.32        | -104.62               | -1,424.61                         | -5,460.11  | 5,642.99             | 5,636.33              | 6.66                    | 847.345           |                    |         |
| 300.00                      | 300.00              | 290.84              | 290.83              | 3.44            | 3.44        | -104.61               | -1,423.61                         | -5,460.92  | 5,643.45             | 5,636.56              | 6.89                    | 819.671           |                    |         |
| 400.00                      | 399.98              | 417.13              | 417.11              | 3.60            | 3.64        | -134.73               | -1,421.77                         | -5,461.42  | 5,644.70             | 5,637.45              | 7.24                    | 779.190           |                    |         |
| 500.00                      | 499.84              | 516.99              | 516.95              | 3.81            | 3.85        | -134.70               | -1,419.93                         | -5,461.71  | 5,648.19             | 5,640.54              | 7.65                    | 737.957           |                    |         |
| 550.00                      | 549.68              | 566.21              | 566.15              | 3.93            | 3.96        | -134.68               | -1,418.94                         | -5,461.86  | 5,650.85             | 5,642.96              | 7.89                    | 716.571           |                    |         |
| 600.00                      | 599.45              | 619.02              | 618.96              | 4.06            | 4.10        | -136.96               | -1,417.85                         | -5,462.03  | 5,654.19             | 5,646.04              | 8.14                    | 694.306           |                    |         |
| 700.00                      | 698.71              | 750.21              | 750.10              | 4.33            | 4.46        | -139.82               | -1,414.66                         | -5,462.20  | 5,662.82             | 5,654.04              | 8.78                    | 644.886           |                    |         |
| 800.00                      | 797.49              | 869.22              | 869.06              | 4.64            | 4.82        | -141.51               | -1,410.94                         | -5,461.86  | 5,673.83             | 5,664.37              | 9.45                    | 600.320           |                    |         |
| 900.00                      | 895.68              | 900.00              | 899.82              | 4.97            | 4.92        | -142.54               | -1,409.93                         | -5,461.75  | 5,688.11             | 5,678.23              | 9.88                    | 575.647           |                    |         |
| 1,000.00                    | 993.14              | 959.05              | 958.86              | 5.33            | 5.11        | -143.23               | -1,408.56                         | -5,461.95  | 5,706.09             | 5,695.66              | 10.43                   | 547.325           |                    |         |
| 1,039.84                    | 1,031.75            | 1,000.00            | 999.80              | 5.48            | 5.25        | -143.46               | -1,408.32                         | -5,462.59  | 5,714.61             | 5,703.90              | 10.71                   | 533.594           |                    |         |
| 1,100.00                    | 1,089.94            | 1,000.00            | 999.80              | 5.72            | 5.25        | -143.46               | -1,408.32                         | -5,462.59  | 5,727.71             | 5,716.77              | 10.93                   | 523.956           |                    |         |
| 1,200.00                    | 1,186.67            | 1,030.93            | 1,030.72            | 6.13            | 5.35        | -143.51               | -1,408.55                         | -5,463.30  | 5,750.59             | 5,739.18              | 11.41                   | 503.861           |                    |         |
| 1,300.00                    | 1,283.39            | 1,069.41            | 1,069.17            | 6.55            | 5.49        | -143.57               | -1,409.36                         | -5,464.39  | 5,774.49             | 5,762.56              | 11.93                   | 483.937           |                    |         |
| 1,400.00                    | 1,380.12            | 1,114.19            | 1,113.89            | 6.99            | 5.64        | -143.66               | -1,411.01                         | -5,465.94  | 5,799.37             | 5,786.89              | 12.48                   | 464.510           |                    |         |
| 1,500.00                    | 1,476.85            | 1,185.59            | 1,185.16            | 7.45            | 5.91        | -143.79               | -1,414.27                         | -5,468.65  | 5,824.87             | 5,811.72              | 13.15                   | 443.030           |                    |         |
| 1,600.00                    | 1,573.57            | 1,238.71            | 1,238.16            | 7.90            | 6.12        | -143.89               | -1,417.15                         | -5,470.81  | 5,850.93             | 5,837.17              | 13.76                   | 425.343           |                    |         |
| 1,700.00                    | 1,670.30            | 1,300.00            | 1,299.24            | 8.37            | 6.36        | -144.02               | -1,421.48                         | -5,473.59  | 5,877.82             | 5,863.41              | 14.40                   | 408.076           |                    |         |
| 1,800.00                    | 1,767.03            | 1,350.21            | 1,349.21            | 8.85            | 6.57        | -144.13               | -1,425.76                         | -5,476.00  | 5,905.37             | 5,890.34              | 15.02                   | 393.125           |                    |         |
| 1,900.00                    | 1,863.75            | 1,400.00            | 1,398.71            | 9.32            | 6.79        | -144.24               | -1,430.54                         | -5,478.39  | 5,933.46             | 5,917.82              | 15.64                   | 379.345           |                    |         |
| 2,000.00                    | 1,960.48            | 1,443.96            | 1,442.36            | 9.81            | 6.99        | -144.35               | -1,435.20                         | -5,480.72  | 5,962.38             | 5,946.14              | 16.24                   | 367.044           |                    |         |
| 2,100.00                    | 2,057.21            | 1,500.00            | 1,497.90            | 10.29           | 7.25        | -144.48               | -1,441.69                         | -5,484.36  | 5,992.43             | 5,975.53              | 16.90                   | 354.516           |                    |         |
| 2,200.00                    | 2,153.93            | 1,500.00            | 1,497.90            | 10.78           | 7.25        | -144.48               | -1,441.69                         | -5,484.36  | 6,023.29             | 6,005.98              | 17.30                   | 348.081           |                    |         |
| 2,300.00                    | 2,250.66            | 1,536.59            | 1,534.09            | 11.28           | 7.43        | -144.57               | -1,446.29                         | -5,487.20  | 6,055.26             | 6,037.38              | 17.88                   | 338.720           |                    |         |
| 2,400.00                    | 2,347.39            | 1,563.35            | 1,560.51            | 11.77           | 7.57        | -144.64               | -1,449.85                         | -5,489.58  | 6,088.32             | 6,069.93              | 18.40                   | 330.907           |                    |         |
| 2,500.00                    | 2,444.11            | 1,600.00            | 1,596.61            | 12.27           | 7.76        | -144.73               | -1,454.98                         | -5,493.22  | 6,122.48             | 6,103.51              | 18.97                   | 322.822           |                    |         |
| 2,600.00                    | 2,540.84            | 1,600.00            | 1,596.61            | 12.77           | 7.76        | -144.73               | -1,454.98                         | -5,493.22  | 6,157.69             | 6,138.34              | 19.35                   | 318.255           |                    |         |
| 2,700.00                    | 2,637.57            | 1,644.08            | 1,639.90            | 13.27           | 8.02        | -144.84               | -1,461.66                         | -5,498.15  | 6,193.80             | 6,173.84              | 19.96                   | 310.361           |                    |         |
| 2,800.00                    | 2,734.30            | 1,700.00            | 1,694.57            | 13.78           | 8.36        | -144.99               | -1,471.09                         | -5,505.17  | 6,231.21             | 6,210.59              | 20.62                   | 302.126           |                    |         |
| 2,900.00                    | 2,831.02            | 1,700.00            | 1,694.57            | 14.28           | 8.36        | -144.99               | -1,471.09                         | -5,505.17  | 6,269.17             | 6,248.18              | 20.99                   | 298.654           |                    |         |
| 3,000.00                    | 2,927.75            | 1,759.73            | 1,752.75            | 14.79           | 8.75        | -145.15               | -1,482.06                         | -5,513.11  | 6,308.11             | 6,286.41              | 21.69                   | 290.779           |                    |         |
| 3,100.00                    | 3,024.48            | 1,820.83            | 1,812.12            | 15.29           | 9.16        | -145.33               | -1,493.94                         | -5,521.22  | 6,347.48             | 6,325.08              | 22.40                   | 283.309           |                    |         |
| 3,200.00                    | 3,121.20            | 1,874.78            | 1,864.49            | 15.80           | 9.53        | -145.48               | -1,504.62                         | -5,528.59  | 6,387.41             | 6,364.33              | 23.08                   | 276.776           |                    |         |
| 3,300.00                    | 3,217.93            | 1,900.00            | 1,888.95            | 16.31           | 9.71        | -145.55               | -1,509.63                         | -5,532.14  | 6,428.01             | 6,404.43              | 23.58                   | 272.658           |                    |         |
| 3,400.00                    | 3,314.66            | 1,945.65            | 1,933.14            | 16.82           | 10.04       | -145.68               | -1,518.95                         | -5,538.84  | 6,469.35             | 6,445.15              | 24.20                   | 267.332           |                    |         |
| 3,500.00                    | 3,411.38            | 2,000.00            | 1,985.51            | 17.33           | 10.45       | -145.83               | -1,530.65                         | -5,547.44  | 6,511.76             | 6,486.89              | 24.87                   | 261.786           |                    |         |
| 3,600.00                    | 3,508.11            | 2,015.17            | 2,000.09            | 17.84           | 10.57       | -145.88               | -1,534.01                         | -5,549.94  | 6,554.75             | 6,529.45              | 25.30                   | 259.062           |                    |         |
| 3,700.00                    | 3,604.84            | 2,129.95            | 2,110.47            | 18.36           | 11.46       | -146.21               | -1,559.44                         | -5,568.54  | 6,598.09             | 6,571.71              | 26.37                   | 250.168           |                    |         |
| 3,800.00                    | 3,701.56            | 2,236.18            | 2,212.88            | 18.87           | 12.27       | -146.50               | -1,581.90                         | -5,585.58  | 6,641.04             | 6,613.65              | 27.39                   | 242.505           |                    |         |
| 3,900.00                    | 3,798.29            | 2,306.18            | 2,280.37            | 19.38           | 12.80       | -146.69               | -1,596.60                         | -5,596.94  | 6,684.21             | 6,656.05              | 28.16                   | 237.386           |                    |         |
| 4,000.00                    | 3,895.02            | 2,401.06            | 2,371.81            | 19.89           | 13.53       | -146.94               | -1,616.76                         | -5,612.29  | 6,727.52             | 6,698.42              | 29.10                   | 231.214           |                    |         |
| 4,100.00                    | 3,991.74            | 2,495.17            | 2,462.50            | 20.41           | 14.24       | -147.19               | -1,636.88                         | -5,627.35  | 6,770.82             | 6,740.79              | 30.03                   | 225.441           |                    |         |
| 4,200.00                    | 4,088.47            | 2,570.37            | 2,534.93            | 20.92           | 14.82       | -147.39               | -1,653.17                         | -5,639.30  | 6,814.24             | 6,783.38              | 30.85                   | 220.881           |                    |         |
| 4,300.00                    | 4,185.20            | 2,645.00            | 2,605.15            | 21.44           | 15.40       | -147.57               | -1,669.78                         | -5,656.24  | 6,857.68             | 6,816.56              | 31.67                   | 216.772           |                    |         |
| 4,400.00                    | 4,281.92            | 2,719.07            | 2,682.44            | 21.95           | 16.00       | -148.22               | -1,721.95                         | -5,684.54  | 6,899.73             | 6,866.16              | 33.57                   | 205.537           |                    |         |
| 4,500.00                    | 4,378.65            | 2,794.68            | 2,757.69            | 22.47           | 16.60       | -148.40               | -1,736.98                         | -5,693.87  | 6,941.93             | 6,907.59              | 34.34                   | 202.171           |                    |         |
| 4,600.00                    | 4,475.38            | 2,869.13            | 2,827.27            | 22.99           | 17.16       | -148.61               | -1,755.13                         | -5,705.56  | 6,984.45             | 6,949.25              | 35.20                   | 198.420           |                    |         |
| 4,700.00                    | 4,572.10            | 2,943.81            | 2,895.83            | 23.50           | 17.70       | -148.81               | -1,778.17                         | -5,728.65  | 7,026.62             | 6,990.04              | 36.57                   | 192.118           |                    |         |
| 4,800.00                    | 4,668.83            | 3,018.43            | 2,965.98            | 24.02           | 18.20       | -149.20               | -1,804.64                         | -5,739.46  | 7,068.35             | 7,030.95              | 37.41                   | 188.954           |                    |         |
| 4,900.00                    | 4,765.56            | 3,093.00            | 3,039.94            | 24.53           | 18.70       | -149.51               | -1,831.31                         | -5,755.86  | 7,109.85             | 7,063.18              | 46.67                   | 152.331           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                    | 4,862.28            | 3,462.78            | 3,397.34            | 25.05           | 21.07       | -149.67               | -1,845.23                         | -5,764.37  | 7,151.30             | 7,112.00              | 39.29                   | 181.990           |                    |         |
| 5,100.00                    | 4,959.01            | 3,515.44            | 3,448.32            | 25.57           | 21.42       | -149.79               | -1,856.33                         | -5,771.54  | 7,193.42             | 7,153.48              | 39.95                   | 180.080           |                    |         |
| 5,200.00                    | 5,055.74            | 3,600.00            | 3,530.21            | 26.09           | 21.99       | -149.99               | -1,873.94                         | -5,783.12  | 7,235.65             | 7,194.84              | 40.81                   | 177.305           |                    |         |
| 5,300.00                    | 5,152.46            | 3,642.20            | 3,571.02            | 26.60           | 22.29       | -150.09               | -1,882.99                         | -5,788.93  | 7,278.33             | 7,236.93              | 41.39                   | 175.827           |                    |         |
| 5,400.00                    | 5,249.19            | 3,700.00            | 3,626.62            | 27.12           | 22.71       | -150.23               | -1,896.50                         | -5,797.09  | 7,321.87             | 7,279.79              | 42.09                   | 173.976           |                    |         |
| 5,500.00                    | 5,345.92            | 3,700.00            | 3,626.62            | 27.64           | 22.71       | -150.23               | -1,896.50                         | -5,797.09  | 7,365.91             | 7,323.55              | 42.36                   | 173.872           |                    |         |
| 5,600.00                    | 5,442.65            | 3,759.45            | 3,683.58            | 28.16           | 23.17       | -150.38               | -1,911.16                         | -5,805.73  | 7,410.63             | 7,367.55              | 43.08                   | 172.024           |                    |         |
| 5,700.00                    | 5,539.37            | 3,812.88            | 3,734.70            | 28.68           | 23.59       | -150.52               | -1,924.50                         | -5,813.73  | 7,455.86             | 7,412.11              | 43.75                   | 170.433           |                    |         |
| 5,800.00                    | 5,636.10            | 3,881.56            | 3,800.41            | 29.20           | 24.14       | -150.69               | -1,941.44                         | -5,824.31  | 7,501.43             | 7,456.91              | 44.53                   | 168.470           |                    |         |
| 5,900.00                    | 5,732.83            | 4,213.00            | 4,119.85            | 29.71           | 26.58       | -151.43               | -2,014.04                         | -5,874.49  | 7,545.82             | 7,498.67              | 47.15                   | 160.031           |                    |         |
| 6,000.00                    | 5,829.55            | 4,298.70            | 4,202.90            | 30.23           | 27.15       | -151.60               | -2,031.23                         | -5,886.78  | 7,588.89             | 7,540.87              | 48.01                   | 158.067           |                    |         |
| 6,100.00                    | 5,926.28            | 4,369.19            | 4,271.20            | 30.75           | 27.63       | -151.75               | -2,045.43                         | -5,896.91  | 7,632.07             | 7,583.30              | 48.77                   | 156.499           |                    |         |
| 6,200.00                    | 6,023.01            | 4,427.60            | 4,327.70            | 31.27           | 28.03       | -151.87               | -2,057.64                         | -5,905.25  | 7,675.55             | 7,626.11              | 49.44                   | 155.238           |                    |         |
| 6,300.00                    | 6,119.73            | 4,476.71            | 4,375.14            | 31.79           | 28.37       | -151.97               | -2,068.20                         | -5,912.37  | 7,719.51             | 7,669.46              | 50.06                   | 154.216           |                    |         |
| 6,397.75                    | 6,214.28            | 4,543.68            | 4,439.72            | 32.30           | 28.85       | -152.12               | -2,082.92                         | -5,922.23  | 7,762.90             | 7,712.11              | 50.79                   | 152.840           |                    |         |
| 6,400.00                    | 6,216.46            | 4,545.65            | 4,441.62            | 32.31           | 28.87       | -151.50               | -2,083.36                         | -5,922.52  | 7,763.90             | 7,713.09              | 50.81                   | 152.800           |                    |         |
| 6,450.00                    | 6,265.12            | 6,293.79            | 6,163.22            | 32.56           | 37.25       | -137.52               | -2,277.91                         | -6,066.41  | 7,781.26             | 7,720.68              | 60.58                   | 128.448           |                    |         |
| 6,500.00                    | 6,314.12            | 6,367.48            | 6,236.90            | 32.78           | 37.47       | -115.93               | -2,278.83                         | -6,066.97  | 7,787.92             | 7,726.85              | 61.07                   | 127.515           |                    |         |
| 6,550.00                    | 6,363.16            | 6,423.22            | 6,292.64            | 32.99           | 37.64       | -93.65                | -2,279.45                         | -6,067.26  | 7,790.87             | 7,729.38              | 61.48                   | 126.718           |                    |         |
| 6,600.00                    | 6,411.94            | 6,463.51            | 6,332.93            | 33.18           | 37.76       | -76.19                | -2,279.88                         | -6,067.50  | 7,790.25             | 7,728.44              | 61.81                   | 126.039           |                    |         |
| 6,650.00                    | 6,460.15            | 6,505.99            | 6,375.40            | 33.35           | 37.89       | -64.44                | -2,280.32                         | -6,067.82  | 7,786.10             | 7,723.97              | 62.12                   | 125.332           |                    |         |
| 6,700.00                    | 6,507.49            | 6,575.08            | 6,444.48            | 33.52           | 38.11       | -56.87                | -2,281.06                         | -6,068.24  | 7,778.33             | 7,715.80              | 62.53                   | 124.396           |                    |         |
| 6,750.00                    | 6,553.69            | 6,627.81            | 6,497.22            | 33.69           | 38.27       | -51.94                | -2,281.69                         | -6,068.40  | 7,766.97             | 7,704.12              | 62.85                   | 123.583           |                    |         |
| 6,800.00                    | 6,598.44            | 6,670.51            | 6,539.91            | 33.85           | 38.40       | -48.73                | -2,282.35                         | -6,068.45  | 7,752.20             | 7,689.09              | 63.11                   | 122.838           |                    |         |
| 6,850.00                    | 6,641.47            | 6,700.00            | 6,569.39            | 34.02           | 38.49       | -46.68                | -2,282.89                         | -6,068.45  | 7,734.12             | 7,670.82              | 63.30                   | 122.183           |                    |         |
| 6,900.00                    | 6,682.53            | 6,732.25            | 6,601.64            | 34.19           | 38.59       | -45.55                | -2,283.55                         | -6,068.48  | 7,712.90             | 7,649.42              | 63.49                   | 121.484           |                    |         |
| 6,950.00                    | 6,721.35            | 6,755.90            | 6,625.28            | 34.38           | 38.67       | -45.10                | -2,284.04                         | -6,068.54  | 7,688.71             | 7,625.08              | 63.63                   | 120.832           |                    |         |
| 7,000.00                    | 6,757.70            | 6,778.11            | 6,647.49            | 34.57           | 38.74       | -45.27                | -2,284.53                         | -6,068.65  | 7,661.67             | 7,597.91              | 63.76                   | 120.164           |                    |         |
| 7,050.00                    | 6,791.35            | 6,800.00            | 6,669.37            | 34.79           | 38.80       | -46.01                | -2,285.02                         | -6,068.78  | 7,631.94             | 7,568.06              | 63.88                   | 119.468           |                    |         |
| 7,100.00                    | 6,822.10            | 6,864.88            | 6,734.23            | 35.03           | 39.01       | -47.60                | -2,286.55                         | -6,069.05  | 7,599.62             | 7,535.44              | 64.19                   | 118.400           |                    |         |
| 7,150.00                    | 6,849.75            | 7,150.00            | 6,753.64            | 35.30           | 39.91       | -49.55                | -2,287.04                         | -6,069.00  | 7,564.82             | 7,499.52              | 65.31                   | 115.834           |                    |         |
| 7,200.00                    | 6,874.14            | 7,200.00            | 6,778.05            | 35.61           | 40.07       | -52.22                | -2,287.62                         | -6,069.06  | 7,527.98             | 7,462.44              | 65.55                   | 114.849           |                    |         |
| 7,250.00                    | 6,895.11            | 6,925.40            | 6,794.74            | 35.95           | 39.20       | -55.60                | -2,288.03                         | -6,069.05  | 7,489.21             | 7,424.64              | 64.56                   | 116.000           |                    |         |
| 7,300.00                    | 6,912.54            | 6,933.27            | 6,802.61            | 36.34           | 39.22       | -59.76                | -2,288.21                         | -6,069.08  | 7,448.83             | 7,384.18              | 64.65                   | 115.209           |                    |         |
| 7,350.00                    | 6,926.31            | 6,939.58            | 6,808.91            | 36.77           | 39.24       | -64.88                | -2,288.36                         | -6,069.12  | 7,407.06             | 7,342.30              | 64.75                   | 114.386           |                    |         |
| 7,400.00                    | 6,936.35            | 6,944.27            | 6,813.60            | 37.25           | 39.26       | -71.06                | -2,288.47                         | -6,069.15  | 7,364.13             | 7,299.27              | 64.86                   | 113.533           |                    |         |
| 7,450.00                    | 6,942.59            | 6,947.28            | 6,816.61            | 37.76           | 39.27       | -78.33                | -2,288.54                         | -6,069.17  | 7,320.31             | 7,255.33              | 64.98                   | 112.653           |                    |         |
| 7,500.00                    | 6,944.99            | 6,948.58            | 6,817.91            | 38.31           | 39.27       | -86.59                | -2,288.57                         | -6,069.18  | 7,275.85             | 7,210.74              | 65.11                   | 111.750           |                    |         |
| 7,512.10                    | 6,945.00            | 6,948.63            | 6,817.96            | 38.44           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 7,265.02             | 7,199.88              | 65.14                   | 111.526           |                    |         |
| 7,600.00                    | 6,944.19            | 6,948.64            | 6,817.97            | 39.51           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 7,186.42             | 7,121.02              | 65.40                   | 109.883           |                    |         |
| 7,700.00                    | 6,943.28            | 6,948.65            | 6,817.97            | 40.90           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 7,097.26             | 7,031.51              | 65.75                   | 107.937           |                    |         |
| 7,800.00                    | 6,942.37            | 6,948.65            | 6,817.98            | 42.44           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 7,008.39             | 6,942.22              | 66.17                   | 105.912           |                    |         |
| 7,900.00                    | 6,941.46            | 6,948.66            | 6,817.99            | 44.11           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 6,919.83             | 6,853.17              | 66.66                   | 103.811           |                    |         |
| 8,000.00                    | 6,940.55            | 6,948.67            | 6,817.99            | 45.90           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 6,831.58             | 6,764.37              | 67.21                   | 101.641           |                    |         |
| 8,100.00                    | 6,939.64            | 6,948.67            | 6,818.00            | 47.80           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 6,743.66             | 6,675.83              | 67.84                   | 99.408            |                    |         |
| 8,200.00                    | 6,938.72            | 6,948.68            | 6,818.01            | 49.79           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 6,656.09             | 6,587.55              | 68.54                   | 97.117            |                    |         |
| 8,300.00                    | 6,937.81            | 6,948.69            | 6,818.01            | 51.86           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 6,568.86             | 6,499.56              | 69.31                   | 94.777            |                    |         |
| 8,400.00                    | 6,936.90            | 6,948.69            | 6,818.02            | 54.01           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 6,482.01             | 6,411.85              | 70.16                   | 92.395            |                    |         |
| 8,500.00                    | 6,935.99            | 6,948.70            | 6,818.03            | 56.21           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 6,395.54             | 6,324.46              | 71.08                   | 89.978            |                    |         |
| 8,600.00                    | 6,935.08            | 6,948.71            | 6,818.03            | 58.47           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 6,309.47             | 6,237.39              | 72.08                   | 87.536            |                    |         |
| 8,700.00                    | 6,934.17            | 6,948.72            | 6,818.04            | 60.78           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 6,223.82             | 6,150.66              | 73.16                   | 85.075            |                    |         |
| 8,800.00                    | 6,933.25            | 6,948.72            | 6,818.05            | 63.13           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 6,138.60             | 6,064.29              | 74.31                   | 82.605            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design Boomerang 21-5 - SOUTH #6-23D - OH - OH |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS                           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)                                   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00  | 6,932.34            | 6,948.73            | 6,818.06            | 65.52           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 6,053.83             | 5,978.28              | 75.55                   | 80.132            |                    |         |
| 9,000.00  | 6,931.43            | 6,948.74            | 6,818.07            | 67.95           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 5,969.54             | 5,892.67              | 76.86                   | 77.663            |                    |         |
| 9,100.00  | 6,930.52            | 6,948.75            | 6,818.07            | 70.40           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 5,885.73             | 5,807.47              | 78.26                   | 75.207            |                    |         |
| 9,200.00  | 6,929.61            | 6,948.76            | 6,818.08            | 72.89           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 5,802.44             | 5,722.70              | 79.74                   | 72.770            |                    |         |
| 9,300.00  | 6,928.69            | 6,948.76            | 6,818.09            | 75.40           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 5,719.68             | 5,638.39              | 81.30                   | 70.356            |                    |         |
| 9,400.00  | 6,927.78            | 6,948.77            | 6,818.10            | 77.93           | 39.27       | -88.71                | -2,288.57                         | -6,069.18  | 5,637.49             | 5,554.55              | 82.94                   | 67.973            |                    |         |
| 9,500.00  | 6,926.87            | 6,948.78            | 6,818.11            | 80.48           | 39.27       | -88.71                | -2,288.57                         | -6,069.19  | 5,555.88             | 5,471.21              | 84.66                   | 65.624            |                    |         |
| 9,600.00  | 6,925.96            | 6,948.79            | 6,818.12            | 83.05           | 39.27       | -88.71                | -2,288.57                         | -6,069.19  | 5,474.87             | 5,388.40              | 86.47                   | 63.315            |                    |         |
| 9,700.00  | 6,925.05            | 6,948.80            | 6,818.13            | 85.64           | 39.27       | -88.71                | -2,288.57                         | -6,069.19  | 5,394.51             | 5,306.15              | 88.36                   | 61.049            |                    |         |
| 9,800.00  | 6,924.14            | 6,948.81            | 6,818.14            | 88.25           | 39.27       | -88.71                | -2,288.57                         | -6,069.19  | 5,314.81             | 5,224.47              | 90.34                   | 58.830            |                    |         |
| 9,900.00  | 6,923.22            | 6,948.82            | 6,818.15            | 90.86           | 39.27       | -88.71                | -2,288.57                         | -6,069.19  | 5,235.81             | 5,143.40              | 92.41                   | 56.660            |                    |         |
| 10,000.00   | 6,922.31            | 6,948.83            | 6,818.16            | 93.50           | 39.27       | -88.71                | -2,288.57                         | -6,069.19  | 5,157.54             | 5,062.98              | 94.56                   | 54.543            |                    |         |
| 10,100.00   | 6,921.40            | 6,948.84            | 6,818.17            | 96.14           | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 5,080.02             | 4,983.22              | 96.80                   | 52.479            |                    |         |
| 10,200.00   | 6,920.49            | 6,948.85            | 6,818.18            | 98.79           | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 5,003.31             | 4,904.18              | 99.13                   | 50.472            |                    |         |
| 10,300.00   | 6,919.58            | 6,948.86            | 6,818.19            | 101.45          | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 4,927.43             | 4,825.88              | 101.55                  | 48.522            |                    |         |
| 10,400.00   | 6,918.67            | 6,948.88            | 6,818.20            | 104.13          | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 4,852.43             | 4,748.37              | 104.06                  | 46.630            |                    |         |
| 10,500.00   | 6,917.75            | 6,948.89            | 6,818.21            | 106.81          | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 4,778.34             | 4,671.68              | 106.67                  | 44.797            |                    |         |
| 10,600.00   | 6,916.84            | 6,948.90            | 6,818.23            | 109.50          | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 4,705.22             | 4,595.85              | 109.36                  | 43.023            |                    |         |
| 10,700.00   | 6,915.93            | 6,948.91            | 6,818.24            | 112.19          | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 4,633.09             | 4,520.94              | 112.16                  | 41.310            |                    |         |
| 10,800.00   | 6,915.02            | 6,948.92            | 6,818.25            | 114.90          | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 4,562.02             | 4,446.98              | 115.04                  | 39.656            |                    |         |
| 10,900.00   | 6,914.11            | 6,948.94            | 6,818.27            | 117.61          | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 4,492.05             | 4,374.03              | 118.02                  | 38.061            |                    |         |
| 11,000.00   | 6,913.20            | 6,948.95            | 6,818.28            | 120.32          | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 4,423.23             | 4,302.14              | 121.10                  | 36.526            |                    |         |
| 11,100.00   | 6,912.28            | 6,948.97            | 6,818.29            | 123.04          | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 4,355.63             | 4,231.36              | 124.27                  | 35.050            |                    |         |
| 11,200.00   | 6,911.37            | 6,948.98            | 6,818.31            | 125.77          | 39.27       | -88.72                | -2,288.57                         | -6,069.19  | 4,289.28             | 4,161.75              | 127.53                  | 33.632            |                    |         |
| 11,300.00   | 6,910.46            | 6,948.99            | 6,818.32            | 128.50          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 4,224.27             | 4,093.37              | 130.90                  | 32.272            |                    |         |
| 11,400.00   | 6,909.55            | 6,949.01            | 6,818.34            | 131.24          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 4,160.64             | 4,026.29              | 134.35                  | 30.969            |                    |         |
| 11,500.00   | 6,908.64            | 6,949.03            | 6,818.35            | 133.98          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 4,098.46             | 3,960.57              | 137.90                  | 29.721            |                    |         |
| 11,600.00   | 6,907.73            | 6,949.04            | 6,818.37            | 136.72          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 4,037.81             | 3,896.27              | 141.53                  | 28.529            |                    |         |
| 11,700.00   | 6,906.81            | 6,949.06            | 6,818.39            | 139.47          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,978.74             | 3,833.48              | 145.26                  | 27.391            |                    |         |
| 11,800.00   | 6,905.90            | 6,949.08            | 6,818.40            | 142.22          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,921.33             | 3,772.26              | 149.07                  | 26.306            |                    |         |
| 11,900.00   | 6,904.99            | 6,949.09            | 6,818.42            | 144.97          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,865.66             | 3,712.70              | 152.96                  | 25.273            |                    |         |
| 12,000.00   | 6,904.08            | 6,949.11            | 6,818.44            | 147.73          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,811.80             | 3,654.87              | 156.92                  | 24.291            |                    |         |
| 12,100.00   | 6,903.17            | 6,949.13            | 6,818.46            | 150.49          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,759.83             | 3,598.86              | 160.96                  | 23.358            |                    |         |
| 12,200.00   | 6,902.26            | 6,949.15            | 6,818.48            | 153.26          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,709.82             | 3,544.76              | 165.06                  | 22.475            |                    |         |
| 12,300.00   | 6,901.34            | 6,949.17            | 6,818.50            | 156.02          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,661.86             | 3,492.64              | 169.22                  | 21.639            |                    |         |
| 12,400.00   | 6,900.43            | 6,949.19            | 6,818.52            | 158.79          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,616.04             | 3,442.61              | 173.43                  | 20.850            |                    |         |
| 12,500.00   | 6,899.52            | 6,949.21            | 6,818.54            | 161.56          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,572.42             | 3,394.75              | 177.68                  | 20.106            |                    |         |
| 12,600.00   | 6,898.61            | 6,949.24            | 6,818.56            | 164.34          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,531.10             | 3,349.15              | 181.95                  | 19.407            |                    |         |
| 12,700.00   | 6,897.70            | 6,949.26            | 6,818.59            | 167.11          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,492.16             | 3,305.92              | 186.24                  | 18.751            |                    |         |
| 12,800.00   | 6,896.79            | 6,949.28            | 6,818.61            | 169.89          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,455.67             | 3,265.13              | 190.54                  | 18.136            |                    |         |
| 12,900.00   | 6,895.87            | 6,949.31            | 6,818.64            | 172.67          | 39.27       | -88.72                | -2,288.58                         | -6,069.19  | 3,421.72             | 3,226.89              | 194.83                  | 17.563            |                    |         |
| 13,000.00   | 6,894.96            | 6,949.34            | 6,818.66            | 175.45          | 39.28       | -88.72                | -2,288.58                         | -6,069.19  | 3,390.37             | 3,191.28              | 199.09                  | 17.029            |                    |         |
| 13,100.00   | 6,894.05            | 6,949.36            | 6,818.69            | 178.23          | 39.28       | -88.72                | -2,288.58                         | -6,069.19  | 3,361.71             | 3,158.39              | 203.32                  | 16.534            |                    |         |
| 13,200.00   | 6,893.14            | 6,949.39            | 6,818.72            | 181.02          | 39.28       | -88.72                | -2,288.58                         | -6,069.19  | 3,335.80             | 3,128.31              | 207.50                  | 16.076            |                    |         |
| 13,300.00   | 6,892.23            | 6,949.42            | 6,818.75            | 183.80          | 39.28       | -88.73                | -2,288.58                         | -6,069.19  | 3,312.71             | 3,101.11              | 211.60                  | 15.655            |                    |         |
| 13,400.00   | 6,891.31            | 6,949.45            | 6,818.78            | 186.59          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,292.50             | 3,076.87              | 215.63                  | 15.269            |                    |         |
| 13,500.00   | 6,890.40            | 6,949.49            | 6,818.81            | 189.38          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,275.22             | 3,055.67              | 219.55                  | 14.918            |                    |         |
| 13,600.00   | 6,889.49            | 6,949.52            | 6,818.85            | 192.17          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,260.91             | 3,037.56              | 223.35                  | 14.600            |                    |         |
| 13,700.00   | 6,888.58            | 6,949.56            | 6,818.88            | 194.97          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,249.62             | 3,022.60              | 227.02                  | 14.314            |                    |         |
| 13,800.00   | 6,887.67            | 6,949.60            | 6,818.92            | 197.76          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,241.37             | 3,010.83              | 230.54                  | 14.060            |                    |         |
| 13,900.00   | 6,886.76            | 6,949.64            | 6,818.96            | 200.56          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,236.20             | 3,002.29              | 233.90                  | 13.836            |                    |         |
| 14,000.00   | 6,885.84            | 6,949.68            | 6,819.00            | 203.35          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,234.11             | 2,997.02              | 237.09                  | 13.641            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,017.59                   | 6,885.68            | 6,949.68            | 6,819.01            | 203.84          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,234.06             | 2,996.43              | 237.63                  | 13.609            | CC                 |         |
| 14,100.00                   | 6,884.93            | 6,949.72            | 6,819.05            | 206.15          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,235.11             | 2,995.01              | 240.10                  | 13.474            | ES                 |         |
| 14,200.00                   | 6,884.02            | 6,949.77            | 6,819.09            | 208.95          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,239.20             | 2,996.29              | 242.91                  | 13.335            |                    |         |
| 14,300.00                   | 6,883.11            | 6,949.82            | 6,819.14            | 211.75          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,246.37             | 3,000.85              | 245.52                  | 13.223            |                    |         |
| 14,400.00                   | 6,882.20            | 6,949.87            | 6,819.19            | 214.55          | 39.28       | -88.73                | -2,288.59                         | -6,069.19  | 3,256.59             | 3,008.67              | 247.92                  | 13.136            |                    |         |
| 14,500.00                   | 6,881.29            | 6,949.92            | 6,819.25            | 217.35          | 39.28       | -88.73                | -2,288.60                         | -6,069.19  | 3,269.84             | 3,019.72              | 250.12                  | 13.073            |                    |         |
| 14,600.00                   | 6,880.37            | 6,949.98            | 6,819.31            | 220.15          | 39.28       | -88.74                | -2,288.60                         | -6,069.20  | 3,286.08             | 3,033.98              | 252.10                  | 13.035            |                    |         |
| 14,700.00                   | 6,879.46            | 6,950.04            | 6,819.37            | 222.95          | 39.28       | -88.74                | -2,288.60                         | -6,069.20  | 3,305.27             | 3,051.40              | 253.87                  | 13.020            | SF                 |         |
| 14,800.00                   | 6,878.55            | 6,950.11            | 6,819.43            | 225.76          | 39.28       | -88.74                | -2,288.60                         | -6,069.20  | 3,327.36             | 3,071.93              | 255.43                  | 13.027            |                    |         |
| 14,900.00                   | 6,877.64            | 6,950.18            | 6,819.50            | 228.56          | 39.28       | -88.74                | -2,288.60                         | -6,069.20  | 3,352.28             | 3,095.50              | 256.78                  | 13.055            |                    |         |
| 15,000.00                   | 6,876.73            | 6,950.25            | 6,819.58            | 231.37          | 39.28       | -88.74                | -2,288.60                         | -6,069.20  | 3,379.98             | 3,122.05              | 257.93                  | 13.104            |                    |         |
| 15,100.00                   | 6,875.82            | 6,950.33            | 6,819.66            | 234.18          | 39.28       | -88.74                | -2,288.61                         | -6,069.20  | 3,410.39             | 3,151.51              | 258.88                  | 13.174            |                    |         |
| 15,200.00                   | 6,874.90            | 6,950.42            | 6,819.74            | 236.98          | 39.28       | -88.74                | -2,288.61                         | -6,069.20  | 3,443.43             | 3,183.79              | 259.65                  | 13.262            |                    |         |
| 15,300.00                   | 6,873.99            | 6,950.51            | 6,819.84            | 239.79          | 39.28       | -88.74                | -2,288.61                         | -6,069.20  | 3,479.04             | 3,218.81              | 260.23                  | 13.369            |                    |         |
| 15,400.00                   | 6,873.08            | 6,950.61            | 6,819.94            | 242.60          | 39.28       | -88.75                | -2,288.61                         | -6,069.20  | 3,517.13             | 3,256.49              | 260.64                  | 13.494            |                    |         |
| 15,500.00                   | 6,872.17            | 6,950.72            | 6,820.05            | 245.41          | 39.28       | -88.75                | -2,288.61                         | -6,069.20  | 3,557.62             | 3,296.73              | 260.89                  | 13.637            |                    |         |
| 15,600.00                   | 6,871.26            | 6,950.84            | 6,820.16            | 248.22          | 39.28       | -88.75                | -2,288.62                         | -6,069.20  | 3,600.44             | 3,339.45              | 260.99                  | 13.796            |                    |         |
| 15,700.00                   | 6,870.35            | 6,950.96            | 6,820.29            | 251.03          | 39.28       | -88.75                | -2,288.62                         | -6,069.20  | 3,645.50             | 3,384.56              | 260.94                  | 13.971            |                    |         |
| 15,737.91                   | 6,870.00            | 6,951.02            | 6,820.34            | 252.10          | 39.28       | -88.75                | -2,288.62                         | -6,069.20  | 3,663.14             | 3,402.26              | 260.89                  | 14.041            |                    |         |
| 15,738.53                   | 6,869.99            | 6,951.02            | 6,820.34            | 252.11          | 39.28       | -88.75                | -2,288.62                         | -6,069.20  | 3,663.43             | 3,402.55              | 260.89                  | 14.042            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                        | 0.00                | 10.34               | 10.34               | 3.28            | 3.28        | -104.74               | -1,436.19                         | -5,459.22  | 5,644.97             |                       |                         |                   |                    |         |
| 100.00                      | 100.00              | 154.49              | 154.48              | 3.28            | 3.31        | -104.74               | -1,436.11                         | -5,458.12  | 5,644.12             | 5,637.52              | 6.60                    | 855.723           |                    |         |
| 200.00                      | 200.00              | 242.70              | 242.69              | 3.34            | 3.38        | -104.74               | -1,436.07                         | -5,457.44  | 5,643.35             | 5,636.63              | 6.72                    | 839.787           |                    |         |
| 300.00                      | 300.00              | 331.79              | 331.78              | 3.44            | 3.50        | -104.74               | -1,436.09                         | -5,456.86  | 5,642.74             | 5,635.80              | 6.94                    | 812.968           |                    |         |
| 317.64                      | 317.64              | 346.16              | 346.15              | 3.47            | 3.52        | -134.89               | -1,436.09                         | -5,456.79  | 5,642.69             | 5,635.71              | 6.99                    | 807.592           |                    |         |
| 400.00                      | 399.98              | 415.85              | 415.84              | 3.60            | 3.64        | -134.88               | -1,436.10                         | -5,456.57  | 5,643.64             | 5,636.40              | 7.24                    | 779.584           |                    |         |
| 500.00                      | 499.84              | 516.06              | 516.05              | 3.81            | 3.84        | -134.87               | -1,436.03                         | -5,456.40  | 5,647.14             | 5,639.49              | 7.65                    | 738.461           |                    |         |
| 550.00                      | 549.68              | 575.79              | 575.78              | 3.93            | 3.98        | -134.87               | -1,435.93                         | -5,456.23  | 5,649.76             | 5,641.86              | 7.90                    | 714.853           |                    |         |
| 600.00                      | 599.45              | 625.21              | 625.20              | 4.06            | 4.10        | -137.15               | -1,435.84                         | -5,456.04  | 5,653.00             | 5,644.85              | 8.15                    | 693.388           |                    |         |
| 700.00                      | 698.71              | 710.26              | 710.25              | 4.33            | 4.33        | -140.01               | -1,435.78                         | -5,455.83  | 5,661.89             | 5,653.23              | 8.66                    | 654.031           |                    |         |
| 800.00                      | 797.49              | 798.44              | 798.42              | 4.64            | 4.59        | -141.70               | -1,435.81                         | -5,455.79  | 5,673.97             | 5,664.75              | 9.22                    | 615.601           |                    |         |
| 900.00                      | 895.68              | 863.99              | 863.97              | 4.97            | 4.79        | -142.77               | -1,436.12                         | -5,455.93  | 5,689.39             | 5,679.65              | 9.75                    | 583.701           |                    |         |
| 1,000.00                    | 993.14              | 900.00              | 899.98              | 5.33            | 4.90        | -143.43               | -1,436.53                         | -5,456.12  | 5,708.45             | 5,698.24              | 10.21                   | 558.922           |                    |         |
| 1,039.84                    | 1,031.75            | 929.92              | 929.89              | 5.48            | 5.00        | -143.65               | -1,437.12                         | -5,456.39  | 5,717.04             | 5,706.58              | 10.46                   | 546.590           |                    |         |
| 1,100.00                    | 1,089.94            | 951.10              | 951.06              | 5.72            | 5.07        | -143.69               | -1,437.77                         | -5,456.69  | 5,730.77             | 5,720.02              | 10.75                   | 533.043           |                    |         |
| 1,200.00                    | 1,186.67            | 1,000.00            | 999.90              | 6.13            | 5.24        | -143.79               | -1,439.96                         | -5,457.72  | 5,754.50             | 5,743.20              | 11.29                   | 509.628           |                    |         |
| 1,300.00                    | 1,283.39            | 1,024.70            | 1,024.55            | 6.55            | 5.33        | -143.84               | -1,441.43                         | -5,458.40  | 5,779.17             | 5,767.40              | 11.77                   | 491.065           |                    |         |
| 1,400.00                    | 1,380.12            | 1,065.69            | 1,065.41            | 6.99            | 5.49        | -143.92               | -1,444.38                         | -5,459.70  | 5,804.84             | 5,792.52              | 12.31                   | 471.366           |                    |         |
| 1,500.00                    | 1,476.85            | 1,100.00            | 1,099.57            | 7.45            | 5.62        | -144.00               | -1,447.34                         | -5,460.94  | 5,831.46             | 5,818.62              | 12.84                   | 454.058           |                    |         |
| 1,600.00                    | 1,573.57            | 1,148.39            | 1,147.66            | 7.90            | 5.83        | -144.12               | -1,452.30                         | -5,462.92  | 5,858.99             | 5,845.54              | 13.45                   | 435.643           |                    |         |
| 1,700.00                    | 1,670.30            | 1,200.00            | 1,198.83            | 8.37            | 6.07        | -144.25               | -1,458.60                         | -5,465.30  | 5,887.45             | 5,873.38              | 14.07                   | 418.322           |                    |         |
| 1,800.00                    | 1,767.03            | 1,238.22            | 1,236.64            | 8.85            | 6.26        | -144.35               | -1,463.85                         | -5,467.20  | 5,916.75             | 5,902.09              | 14.66                   | 403.631           |                    |         |
| 1,900.00                    | 1,863.75            | 1,300.00            | 1,297.63            | 9.32            | 6.57        | -144.52               | -1,473.16                         | -5,470.46  | 5,946.84             | 5,931.48              | 15.36                   | 387.166           |                    |         |
| 2,000.00                    | 1,960.48            | 1,329.27            | 1,326.46            | 9.81            | 6.74        | -144.61               | -1,477.94                         | -5,472.13  | 5,977.70             | 5,961.78              | 15.91                   | 375.651           |                    |         |
| 2,100.00                    | 2,057.21            | 1,366.71            | 1,363.27            | 10.29           | 6.95        | -144.72               | -1,484.38                         | -5,474.46  | 6,009.51             | 5,993.00              | 16.51                   | 364.035           |                    |         |
| 2,200.00                    | 2,153.93            | 1,407.68            | 1,403.45            | 10.78           | 7.18        | -144.84               | -1,491.86                         | -5,477.26  | 6,042.25             | 6,025.12              | 17.12                   | 352.852           |                    |         |
| 2,300.00                    | 2,250.66            | 1,482.96            | 1,477.10            | 11.28           | 7.63        | -145.07               | -1,506.52                         | -5,482.47  | 6,075.57             | 6,057.62              | 17.94                   | 338.604           |                    |         |
| 2,400.00                    | 2,347.39            | 1,538.09            | 1,530.90            | 11.77           | 7.98        | -145.25               | -1,517.94                         | -5,486.24  | 6,109.35             | 6,090.70              | 18.66                   | 327.451           |                    |         |
| 2,500.00                    | 2,444.11            | 1,600.00            | 1,591.16            | 12.27           | 8.37        | -145.45               | -1,531.44                         | -5,490.74  | 6,143.89             | 6,124.47              | 19.42                   | 316.423           |                    |         |
| 2,600.00                    | 2,540.84            | 1,656.43            | 1,645.91            | 12.77           | 8.75        | -145.64               | -1,544.46                         | -5,494.86  | 6,178.99             | 6,158.83              | 20.16                   | 306.506           |                    |         |
| 2,700.00                    | 2,637.57            | 1,700.00            | 1,688.06            | 13.27           | 9.04        | -145.79               | -1,555.07                         | -5,497.89  | 6,214.56             | 6,193.74              | 20.82                   | 298.515           |                    |         |
| 2,800.00                    | 2,734.30            | 1,758.06            | 1,744.01            | 13.78           | 9.46        | -145.99               | -1,570.07                         | -5,501.96  | 6,250.77             | 6,229.17              | 21.60                   | 289.443           |                    |         |
| 2,900.00                    | 2,831.02            | 1,800.00            | 1,784.21            | 14.28           | 9.77        | -146.15               | -1,581.58                         | -5,505.06  | 6,287.86             | 6,265.60              | 22.26                   | 282.493           |                    |         |
| 3,000.00                    | 2,927.75            | 1,836.44            | 1,819.01            | 14.79           | 10.06       | -146.28               | -1,592.00                         | -5,507.87  | 6,325.78             | 6,302.89              | 22.90                   | 276.284           |                    |         |
| 3,100.00                    | 3,024.48            | 1,874.37            | 1,855.12            | 15.29           | 10.36       | -146.43               | -1,603.21                         | -5,510.94  | 6,364.54             | 6,341.00              | 23.54                   | 270.365           |                    |         |
| 3,200.00                    | 3,121.20            | 1,900.00            | 1,879.44            | 15.80           | 10.56       | -146.53               | -1,611.00                         | -5,513.09  | 6,404.15             | 6,380.06              | 24.09                   | 265.882           |                    |         |
| 3,300.00                    | 3,217.93            | 1,952.85            | 1,929.40            | 16.31           | 11.03       | -146.73               | -1,627.63                         | -5,517.70  | 6,444.50             | 6,419.63              | 24.86                   | 259.206           |                    |         |
| 3,400.00                    | 3,314.66            | 2,000.00            | 1,973.72            | 16.82           | 11.44       | -146.92               | -1,643.13                         | -5,521.95  | 6,485.66             | 6,460.07              | 25.59                   | 253.465           |                    |         |
| 3,500.00                    | 3,411.38            | 2,038.81            | 2,010.05            | 17.33           | 11.80       | -147.08               | -1,656.33                         | -5,525.51  | 6,527.54             | 6,501.28              | 26.26                   | 248.566           |                    |         |
| 3,600.00                    | 3,508.11            | 2,100.00            | 2,067.02            | 17.84           | 12.38       | -147.33               | -1,677.91                         | -5,531.13  | 6,570.11             | 6,542.99              | 27.13                   | 242.199           |                    |         |
| 3,700.00                    | 3,604.84            | 2,128.46            | 2,093.41            | 18.36           | 12.67       | -147.45               | -1,688.23                         | -5,533.78  | 6,613.32             | 6,585.61              | 27.71                   | 238.659           |                    |         |
| 3,800.00                    | 3,701.56            | 2,167.98            | 2,129.96            | 18.87           | 13.06       | -147.62               | -1,702.79                         | -5,537.59  | 6,657.28             | 6,628.89              | 28.39                   | 234.483           |                    |         |
| 3,900.00                    | 3,798.29            | 2,200.00            | 2,159.48            | 19.38           | 13.39       | -147.76               | -1,714.77                         | -5,540.78  | 6,701.98             | 6,672.98              | 29.00                   | 231.131           |                    |         |
| 4,000.00                    | 3,895.02            | 2,242.61            | 2,198.65            | 19.89           | 13.84       | -147.94               | -1,730.97                         | -5,545.19  | 6,747.41             | 6,717.70              | 29.71                   | 227.105           |                    |         |
| 4,100.00                    | 3,991.74            | 2,300.00            | 2,251.16            | 20.41           | 14.45       | -148.19               | -1,753.24                         | -5,551.46  | 6,793.68             | 6,763.11              | 30.56                   | 222.276           |                    |         |
| 4,200.00                    | 4,088.47            | 2,300.00            | 2,251.16            | 20.92           | 14.45       | -148.19               | -1,753.24                         | -5,551.46  | 6,840.56             | 6,809.71              | 30.85                   | 221.745           |                    |         |
| 4,300.00                    | 4,185.20            | 2,351.61            | 2,298.17            | 21.44           | 15.04       | -148.41               | -1,773.69                         | -5,557.41  | 6,888.17             | 6,856.51              | 31.65                   | 217.605           |                    |         |
| 4,400.00                    | 4,281.92            | 2,400.00            | 2,342.07            | 21.95           | 15.59       | -148.62               | -1,793.21                         | -5,563.23  | 6,936.52             | 6,904.10              | 32.42                   | 213.947           |                    |         |
| 4,500.00                    | 4,378.65            | 2,432.71            | 2,371.64            | 22.47           | 15.99       | -148.76               | -1,806.60                         | -5,567.25  | 6,985.50             | 6,952.46              | 33.04                   | 211.450           |                    |         |
| 4,600.00                    | 4,475.38            | 2,480.06            | 2,414.31            | 22.99           | 16.55       | -148.96               | -1,826.29                         | -5,573.08  | 7,035.05             | 7,001.25              | 33.80                   | 208.130           |                    |         |
| 4,700.00                    | 4,572.10            | 2,500.00            | 2,432.22            | 23.50           | 16.79       | -149.05               | -1,834.69                         | -5,575.55  | 7,085.25             | 7,050.98              | 34.27                   | 206.770           |                    |         |
| 4,800.00                    | 4,668.83            | 2,549.81            | 2,476.77            | 24.02           | 17.44       | -149.27               | -1,856.08                         | -5,581.79  | 7,136.03             | 7,100.95              | 35.08                   | 203.434           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00                    | 4,765.56            | 2,600.00            | 2,521.31            | 24.53           | 18.09       | -149.49               | -1,878.29                         | -5,588.24  | 7,187.63             | 7,151.74              | 35.89                   | 200.284           |                    |         |
| 5,000.00                    | 4,862.28            | 2,616.00            | 2,535.44            | 25.05           | 18.31       | -149.57               | -1,885.50                         | -5,590.33  | 7,239.79             | 7,203.48              | 36.31                   | 199.384           |                    |         |
| 5,100.00                    | 4,959.01            | 2,658.84            | 2,573.20            | 25.57           | 18.90       | -149.76               | -1,904.93                         | -5,595.98  | 7,292.60             | 7,255.55              | 37.05                   | 196.830           |                    |         |
| 5,200.00                    | 5,055.74            | 2,704.03            | 2,612.91            | 26.09           | 19.52       | -149.96               | -1,925.63                         | -5,602.02  | 7,345.96             | 7,308.15              | 37.81                   | 194.276           |                    |         |
| 5,300.00                    | 5,152.46            | 2,750.00            | 2,654.35            | 26.60           | 20.14       | -150.66               | -1,947.45                         | -5,623.53  | 7,399.15             | 7,334.92              | 38.63                   | 191.200           |                    |         |
| 5,400.00                    | 5,249.19            | 2,800.00            | 2,702.69            | 27.12           | 20.71       | -150.98               | -2,030.81                         | -5,633.94  | 7,452.10             | 7,411.08              | 41.02                   | 181.680           |                    |         |
| 5,500.00                    | 5,345.92            | 2,850.00            | 2,750.48            | 27.64           | 21.28       | -151.14               | -2,047.18                         | -5,639.32  | 7,505.53             | 7,463.88              | 41.66                   | 180.179           |                    |         |
| 5,600.00                    | 5,442.65            | 2,900.00            | 2,800.28            | 28.16           | 21.86       | -152.37               | -2,179.08                         | -5,684.75  | 7,558.04             | 7,512.71              | 45.34                   | 166.703           |                    |         |
| 5,700.00                    | 5,539.37            | 2,950.00            | 2,850.08            | 28.68           | 22.44       | -153.74               | -2,327.69                         | -5,730.27  | 7,605.73             | 7,556.39              | 49.34                   | 154.138           |                    |         |
| 5,800.00                    | 5,636.10            | 3,000.00            | 2,900.00            | 29.20           | 23.02       | -153.74               | -2,327.69                         | -5,730.27  | 7,654.43             | 7,604.87              | 49.56                   | 154.434           |                    |         |
| 5,900.00                    | 5,732.83            | 3,050.00            | 2,950.00            | 29.71           | 23.60       | -153.92               | -2,346.81                         | -5,735.20  | 7,703.47             | 7,653.20              | 50.27                   | 153.240           |                    |         |
| 6,000.00                    | 5,829.55            | 3,100.00            | 3,000.00            | 30.23           | 24.18       | -154.09               | -2,366.73                         | -5,740.49  | 7,753.74             | 7,702.77              | 50.96                   | 152.140           |                    |         |
| 6,100.00                    | 5,926.28            | 3,150.00            | 3,050.00            | 30.75           | 24.76       | -154.09               | -2,366.73                         | -5,740.49  | 7,804.34             | 7,753.18              | 51.17                   | 152.526           |                    |         |
| 6,200.00                    | 6,023.01            | 3,200.00            | 3,100.00            | 31.27           | 25.34       | -154.09               | -2,366.73                         | -5,740.49  | 7,855.89             | 7,804.53              | 51.36                   | 152.950           |                    |         |
| 6,300.00                    | 6,119.73            | 3,250.00            | 3,150.00            | 31.79           | 25.92       | -154.29               | -2,389.21                         | -5,746.64  | 7,907.98             | 7,855.85              | 52.13                   | 151.700           |                    |         |
| 6,397.75                    | 6,214.28            | 3,300.00            | 3,200.00            | 32.30           | 26.50       | -154.45               | -2,408.31                         | -5,752.04  | 7,959.49             | 7,906.69              | 52.80                   | 150.760           |                    |         |
| 6,400.00                    | 6,216.46            | 3,350.00            | 3,250.00            | 32.31           | 27.08       | -153.81               | -2,408.31                         | -5,752.04  | 7,960.67             | 7,907.87              | 52.80                   | 150.771           |                    |         |
| 6,450.00                    | 6,265.12            | 3,400.00            | 3,300.00            | 32.56           | 27.66       | -136.78               | -2,413.73                         | -5,753.60  | 7,985.52             | 7,932.50              | 53.02                   | 150.610           |                    |         |
| 6,500.00                    | 6,314.12            | 3,450.00            | 3,350.00            | 32.78           | 28.24       | -114.60               | -2,424.62                         | -5,756.74  | 8,007.29             | 7,953.92              | 53.37                   | 150.034           |                    |         |
| 6,550.00                    | 6,363.16            | 3,500.00            | 3,400.00            | 32.99           | 28.82       | -91.79                | -2,435.69                         | -5,759.96  | 8,025.85             | 7,972.15              | 53.71                   | 149.441           |                    |         |
| 6,600.00                    | 6,411.94            | 3,550.00            | 3,450.00            | 33.18           | 29.40       | -73.87                | -2,450.58                         | -5,764.31  | 8,041.12             | 7,987.00              | 54.12                   | 148.580           |                    |         |
| 6,650.00                    | 6,460.15            | 3,600.00            | 3,500.00            | 33.35           | 29.98       | -62.43                | -2,546.11                         | -5,792.82  | 8,052.35             | 7,995.76              | 56.59                   | 142.289           |                    |         |
| 6,700.00                    | 6,507.49            | 3,650.00            | 3,550.00            | 33.52           | 30.56       | -54.27                | -2,553.64                         | -5,795.33  | 8,059.72             | 8,002.94              | 56.78                   | 141.945           |                    |         |
| 6,750.00                    | 6,553.69            | 3,700.00            | 3,600.00            | 33.69           | 31.14       | -48.72                | -2,561.10                         | -5,797.88  | 8,063.65             | 8,006.70              | 56.95                   | 141.597           |                    |         |
| 6,800.00                    | 6,598.44            | 3,750.00            | 3,650.00            | 33.85           | 31.72       | -44.90                | -2,570.91                         | -5,801.31  | 8,064.14             | 8,006.98              | 57.16                   | 141.085           |                    |         |
| 6,850.00                    | 6,641.47            | 3,800.00            | 3,700.00            | 34.02           | 32.30       | -42.12                | -2,570.91                         | -5,801.31  | 8,061.19             | 8,004.09              | 57.10                   | 141.184           |                    |         |
| 6,900.00                    | 6,682.53            | 3,850.00            | 3,750.00            | 34.19           | 32.88       | -40.29                | -2,583.66                         | -5,805.86  | 8,054.78             | 7,997.42              | 57.36                   | 140.428           |                    |         |
| 6,950.00                    | 6,721.35            | 3,900.00            | 3,800.00            | 34.38           | 33.46       | -39.03                | -2,591.02                         | -5,808.53  | 8,044.99             | 7,987.53              | 57.47                   | 139.993           |                    |         |
| 7,000.00                    | 6,757.70            | 3,950.00            | 3,840.00            | 34.57           | 34.04       | -38.25                | -2,598.10                         | -5,811.11  | 8,031.88             | 7,974.32              | 57.56                   | 139.539           |                    |         |
| 7,050.00                    | 6,791.35            | 4,000.00            | 3,880.00            | 34.79           | 34.62       | -37.95                | -2,609.40                         | -5,815.29  | 8,015.53             | 7,957.77              | 57.76                   | 138.773           |                    |         |
| 7,100.00                    | 6,822.10            | 4,050.00            | 3,920.00            | 35.03           | 35.20       | -37.92                | -2,613.11                         | -5,816.66  | 7,995.99             | 7,938.22              | 57.76                   | 138.424           |                    |         |
| 7,150.00                    | 6,849.75            | 4,100.00            | 3,960.00            | 35.30           | 35.78       | -38.38                | -2,625.18                         | -5,821.05  | 7,973.36             | 7,915.37              | 58.00                   | 137.483           |                    |         |
| 7,200.00                    | 6,874.14            | 4,150.00            | 4,000.00            | 35.61           | 36.36       | -39.19                | -2,636.25                         | -5,824.96  | 7,947.77             | 7,889.56              | 58.21                   | 136.546           |                    |         |
| 7,250.00                    | 6,895.11            | 4,200.00            | 4,040.00            | 35.95           | 36.94       | -40.37                | -2,646.24                         | -5,828.41  | 7,919.36             | 7,860.96              | 58.40                   | 135.606           |                    |         |
| 7,300.00                    | 6,912.54            | 4,250.00            | 4,080.00            | 36.34           | 37.52       | -41.92                | -2,653.79                         | -5,830.96  | 7,888.32             | 7,829.77              | 58.55                   | 134.731           |                    |         |
| 7,350.00                    | 6,926.31            | 4,300.00            | 4,120.00            | 36.77           | 38.10       | -43.90                | -2,659.89                         | -5,832.99  | 7,854.83             | 7,796.15              | 58.68                   | 133.861           |                    |         |
| 7,400.00                    | 6,936.35            | 4,350.00            | 4,170.00            | 37.25           | 38.68       | -46.41                | -2,665.01                         | -5,834.69  | 7,819.09             | 7,760.28              | 58.80                   | 132.967           |                    |         |
| 7,450.00                    | 6,942.59            | 4,400.00            | 4,220.00            | 37.76           | 39.26       | -49.51                | -2,669.14                         | -5,836.04  | 7,781.30             | 7,722.37              | 58.93                   | 132.052           |                    |         |
| 7,500.00                    | 6,944.99            | 4,450.00            | 4,270.00            | 38.31           | 39.84       | -53.35                | -2,672.23                         | -5,837.05  | 7,741.69             | 7,682.64              | 59.04                   | 131.119           |                    |         |
| 7,512.10                    | 6,945.00            | 4,500.00            | 4,320.00            | 38.44           | 40.42       | -54.40                | -2,672.83                         | -5,837.24  | 7,731.85             | 7,672.77              | 59.07                   | 130.884           |                    |         |
| 7,600.00                    | 6,944.19            | 4,550.00            | 4,370.00            | 39.51           | 41.00       | -54.52                | -2,676.91                         | -5,838.56  | 7,660.22             | 7,600.93              | 59.29                   | 129.190           |                    |         |
| 7,700.00                    | 6,943.28            | 4,600.00            | 4,420.00            | 40.90           | 41.58       | -54.66                | -2,681.53                         | -5,840.04  | 7,579.13             | 7,519.52              | 59.62                   | 127.133           |                    |         |
| 7,800.00                    | 6,942.37            | 4,650.00            | 4,470.00            | 42.44           | 42.16       | -54.80                | -2,686.13                         | -5,841.50  | 7,498.48             | 7,438.46              | 60.02                   | 124.942           |                    |         |
| 7,900.00                    | 6,941.46            | 4,700.00            | 4,520.00            | 44.11           | 42.74       | -54.90                | -2,689.36                         | -5,842.53  | 7,418.27             | 7,357.81              | 60.46                   | 122.697           |                    |         |
| 8,000.00                    | 6,940.55            | 4,750.00            | 4,570.00            | 45.90           | 43.32       | -54.90                | -2,689.36                         | -5,842.53  | 7,338.55             | 7,277.65              | 60.90                   | 120.503           |                    |         |
| 8,100.00                    | 6,939.64            | 4,800.00            | 4,620.00            | 47.80           | 43.90       | -55.14                | -2,697.17                         | -5,844.97  | 7,259.28             | 7,197.65              | 61.64                   | 117.777           |                    |         |
| 8,200.00                    | 6,938.72            | 4,850.00            | 4,670.00            | 49.79           | 44.48       | -55.24                | -2,700.58                         | -5,846.04  | 7,180.53             | 7,118.20              | 62.33                   | 115.194           |                    |         |
| 8,300.00                    | 6,937.81            | 4,900.00            | 4,720.00            | 51.86           | 45.06       | -55.34                | -2,704.01                         | -5,847.10  | 7,102.30             | 7,039.19              | 63.11                   | 112.530           |                    |         |
| 8,400.00                    | 6,936.90            | 4,950.00            | 4,770.00            | 54.01           | 45.64       | -55.45                | -2,707.44                         | -5,848.16  | 7,024.61             | 6,960.63              | 63.98                   | 109.798           |                    |         |
| 8,500.00                    | 6,935.99            | 5,000.00            | 4,820.00            | 56.21           | 46.22       | -55.55                | -2,710.88                         | -5,849.22  | 6,947.47             | 6,882.55              | 64.92                   | 107.014           |                    |         |
| 8,600.00                    | 6,935.08            | 5,050.00            | 4,870.00            | 58.47           | 46.80       | -55.65                | -2,714.33                         | -5,850.28  | 6,870.90             | 6,804.96              | 65.94                   | 104.192           |                    |         |
| 8,700.00                    | 6,934.17            | 5,100.00            | 4,920.00            | 60.78           | 47.38       | -55.76                | -2,717.79                         | -5,851.34  | 6,794.93             | 6,727.88              | 67.05                   | 101.346           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                    | 6,933.25            | 4,676.37            | 4,399.20            | 63.13           | 42.25       | -55.86                | -2,721.25                         | -5,852.39  | 6,719.56             | 6,651.34              | 68.23                   | 98.489            |                    |         |
| 8,900.00                    | 6,932.34            | 4,684.56            | 4,406.54            | 65.52           | 42.35       | -55.96                | -2,724.72                         | -5,853.45  | 6,644.83             | 6,575.35              | 69.48                   | 95.633            |                    |         |
| 9,000.00                    | 6,931.43            | 4,700.00            | 4,420.37            | 67.95           | 42.54       | -56.16                | -2,731.30                         | -5,855.43  | 6,570.76             | 6,499.86              | 70.91                   | 92.670            |                    |         |
| 9,100.00                    | 6,930.52            | 4,701.44            | 4,421.66            | 70.40           | 42.55       | -56.18                | -2,731.91                         | -5,855.62  | 6,497.36             | 6,425.13              | 72.23                   | 89.960            |                    |         |
| 9,200.00                    | 6,929.61            | 4,714.25            | 4,433.13            | 72.89           | 42.71       | -56.34                | -2,737.37                         | -5,857.27  | 6,424.65             | 6,350.89              | 73.76                   | 87.099            |                    |         |
| 9,300.00                    | 6,928.69            | 4,727.28            | 4,444.80            | 75.40           | 42.88       | -56.50                | -2,742.92                         | -5,858.97  | 6,352.66             | 6,277.29              | 75.38                   | 84.280            |                    |         |
| 9,400.00                    | 6,927.78            | 4,740.55            | 4,456.68            | 77.93           | 43.04       | -56.67                | -2,748.55                         | -5,860.72  | 6,281.41             | 6,204.35              | 77.06                   | 81.510            |                    |         |
| 9,500.00                    | 6,926.87            | 4,754.05            | 4,468.78            | 80.48           | 43.21       | -56.84                | -2,754.26                         | -5,862.52  | 6,210.92             | 6,132.09              | 78.82                   | 78.796            |                    |         |
| 9,600.00                    | 6,925.96            | 4,767.80            | 4,481.10            | 83.05           | 43.38       | -57.02                | -2,760.07                         | -5,864.36  | 6,141.21             | 6,060.55              | 80.66                   | 76.140            |                    |         |
| 9,700.00                    | 6,925.05            | 4,781.79            | 4,493.65            | 85.64           | 43.55       | -57.19                | -2,765.97                         | -5,866.26  | 6,072.32             | 5,989.76              | 82.56                   | 73.549            |                    |         |
| 9,800.00                    | 6,924.14            | 4,796.04            | 4,506.43            | 88.25           | 43.73       | -57.37                | -2,771.95                         | -5,868.22  | 6,004.27             | 5,919.73              | 84.54                   | 71.025            |                    |         |
| 9,900.00                    | 6,923.22            | 4,800.00            | 4,509.99            | 90.86           | 43.78       | -57.43                | -2,773.62                         | -5,868.76  | 5,937.09             | 5,850.65              | 86.44                   | 68.686            |                    |         |
| 10,000.00                   | 6,922.31            | 4,800.00            | 4,509.99            | 93.50           | 43.78       | -57.43                | -2,773.62                         | -5,868.76  | 5,870.85             | 5,782.51              | 88.35                   | 66.453            |                    |         |
| 10,100.00                   | 6,921.40            | 4,823.06            | 4,530.66            | 96.14           | 44.07       | -57.72                | -2,783.32                         | -5,871.96  | 5,805.50             | 5,714.85              | 90.65                   | 64.046            |                    |         |
| 10,200.00                   | 6,920.49            | 4,831.63            | 4,538.33            | 98.79           | 44.18       | -57.83                | -2,786.94                         | -5,873.16  | 5,741.15             | 5,648.35              | 92.80                   | 61.864            |                    |         |
| 10,300.00                   | 6,919.58            | 4,840.26            | 4,546.06            | 101.45          | 44.30       | -57.94                | -2,790.59                         | -5,874.37  | 5,677.81             | 5,582.79              | 95.02                   | 59.751            |                    |         |
| 10,400.00                   | 6,918.67            | 4,848.95            | 4,553.83            | 104.13          | 44.41       | -58.05                | -2,794.28                         | -5,875.60  | 5,615.52             | 5,518.21              | 97.31                   | 57.708            |                    |         |
| 10,500.00                   | 6,917.75            | 4,857.70            | 4,561.66            | 106.81          | 44.52       | -58.16                | -2,798.00                         | -5,876.83  | 5,554.30             | 5,454.65              | 99.66                   | 55.734            |                    |         |
| 10,600.00                   | 6,916.84            | 4,866.52            | 4,569.53            | 109.50          | 44.63       | -58.27                | -2,801.75                         | -5,878.08  | 5,494.20             | 5,392.13              | 102.07                  | 53.829            |                    |         |
| 10,700.00                   | 6,915.93            | 4,875.39            | 4,577.46            | 112.19          | 44.75       | -58.38                | -2,805.55                         | -5,879.34  | 5,435.25             | 5,330.71              | 104.54                  | 51.992            |                    |         |
| 10,800.00                   | 6,915.02            | 4,884.33            | 4,585.44            | 114.90          | 44.86       | -58.50                | -2,809.37                         | -5,880.62  | 5,377.48             | 5,270.41              | 107.07                  | 50.222            |                    |         |
| 10,900.00                   | 6,914.11            | 4,900.00            | 4,599.41            | 117.61          | 45.06       | -58.70                | -2,816.10                         | -5,882.86  | 5,320.95             | 5,211.18              | 109.77                  | 48.472            |                    |         |
| 11,000.00                   | 6,913.20            | 4,904.26            | 4,603.20            | 120.32          | 45.12       | -58.75                | -2,817.93                         | -5,883.48  | 5,265.67             | 5,153.32              | 112.35                  | 46.867            |                    |         |
| 11,100.00                   | 6,912.28            | 4,920.45            | 4,617.63            | 123.04          | 45.33       | -58.96                | -2,824.89                         | -5,885.82  | 5,211.69             | 5,096.51              | 115.18                  | 45.247            |                    |         |
| 11,200.00                   | 6,911.37            | 4,936.81            | 4,632.22            | 125.77          | 45.55       | -59.17                | -2,831.91                         | -5,888.19  | 5,159.03             | 5,040.96              | 118.08                  | 43.692            |                    |         |
| 11,300.00                   | 6,910.46            | 4,953.33            | 4,646.95            | 128.50          | 45.77       | -59.38                | -2,838.99                         | -5,890.60  | 5,107.74             | 4,986.71              | 121.03                  | 42.201            |                    |         |
| 11,400.00                   | 6,909.55            | 4,970.03            | 4,661.84            | 131.24          | 45.99       | -59.59                | -2,846.13                         | -5,893.06  | 5,057.85             | 4,933.80              | 124.05                  | 40.773            |                    |         |
| 11,500.00                   | 6,908.64            | 4,986.89            | 4,676.88            | 133.98          | 46.21       | -59.81                | -2,853.34                         | -5,895.55  | 5,009.41             | 4,882.28              | 127.13                  | 39.404            |                    |         |
| 11,600.00                   | 6,907.73            | 5,008.08            | 4,695.78            | 136.72          | 46.48       | -60.08                | -2,862.38                         | -5,898.69  | 4,962.45             | 4,832.12              | 130.34                  | 38.074            |                    |         |
| 11,700.00                   | 6,906.81            | 5,041.79            | 4,725.90            | 139.47          | 46.92       | -60.51                | -2,876.73                         | -5,903.58  | 4,916.99             | 4,783.16              | 133.83                  | 36.741            |                    |         |
| 11,800.00                   | 6,905.90            | 5,073.38            | 4,754.15            | 142.22          | 47.32       | -60.92                | -2,890.13                         | -5,908.01  | 4,873.05             | 4,735.71              | 137.34                  | 35.481            |                    |         |
| 11,900.00                   | 6,904.99            | 5,103.03            | 4,780.71            | 144.97          | 47.70       | -61.30                | -2,902.69                         | -5,912.02  | 4,830.69             | 4,689.81              | 140.88                  | 34.289            |                    |         |
| 12,000.00                   | 6,904.08            | 5,128.85            | 4,803.87            | 147.73          | 48.01       | -61.63                | -2,913.61                         | -5,915.38  | 4,789.96             | 4,645.55              | 144.41                  | 33.169            |                    |         |
| 12,100.00                   | 6,903.17            | 5,152.92            | 4,825.48            | 150.49          | 48.30       | -61.94                | -2,923.79                         | -5,918.39  | 4,750.91             | 4,602.95              | 147.96                  | 32.109            |                    |         |
| 12,200.00                   | 6,902.26            | 5,175.27            | 4,845.55            | 153.26          | 48.57       | -62.23                | -2,933.24                         | -5,921.07  | 4,713.59             | 4,562.06              | 151.53                  | 31.107            |                    |         |
| 12,300.00                   | 6,901.34            | 5,196.07            | 4,864.25            | 156.02          | 48.81       | -62.50                | -2,942.03                         | -5,923.47  | 4,678.05             | 4,522.94              | 155.11                  | 30.159            |                    |         |
| 12,400.00                   | 6,900.43            | 5,258.27            | 4,920.32            | 158.79          | 49.51       | -63.31                | -2,968.03                         | -5,930.46  | 4,644.30             | 4,484.76              | 159.54                  | 29.111            |                    |         |
| 12,500.00                   | 6,899.52            | 5,250.00            | 4,925.35            | 161.56          | 50.80       | -63.38                | -2,970.08                         | -5,931.09  | 4,612.15             | 4,409.10              | 203.05                  | 22.714            |                    |         |
| 12,600.00                   | 6,898.61            | 5,350.47            | 5,003.96            | 164.34          | 50.52       | -64.50                | -3,005.40                         | -5,940.84  | 4,582.12             | 4,414.22              | 167.90                  | 27.291            |                    |         |
| 12,700.00                   | 6,897.70            | 5,385.29            | 5,035.69            | 167.11          | 50.89       | -64.95                | -3,019.21                         | -5,944.73  | 4,553.85             | 4,381.93              | 171.92                  | 26.488            |                    |         |
| 12,800.00                   | 6,896.79            | 5,419.61            | 5,067.02            | 169.89          | 51.26       | -65.40                | -3,032.67                         | -5,948.54  | 4,527.53             | 4,351.57              | 175.96                  | 25.730            |                    |         |
| 12,900.00                   | 6,895.87            | 5,421.57            | 5,068.81            | 172.67          | 51.28       | -65.42                | -3,033.45                         | -5,948.81  | 4,503.24             | 4,323.86              | 179.39                  | 25.104            |                    |         |
| 13,000.00                   | 6,894.96            | 5,436.13            | 5,082.10            | 175.45          | 51.43       | -65.61                | -3,039.13                         | -5,950.51  | 4,481.02             | 4,297.95              | 183.07                  | 24.477            |                    |         |
| 13,100.00                   | 6,894.05            | 5,451.40            | 5,096.05            | 178.23          | 51.59       | -65.81                | -3,045.08                         | -5,952.34  | 4,460.87             | 4,274.10              | 186.77                  | 23.884            |                    |         |
| 13,200.00                   | 6,893.14            | 5,467.44            | 5,110.70            | 181.02          | 51.77       | -66.02                | -3,051.31                         | -5,954.32  | 4,442.85             | 4,252.36              | 190.49                  | 23.324            |                    |         |
| 13,300.00                   | 6,892.23            | 5,484.31            | 5,126.10            | 183.80          | 51.95       | -66.24                | -3,057.84                         | -5,956.47  | 4,426.96             | 4,232.74              | 194.21                  | 22.794            |                    |         |
| 13,400.00                   | 6,891.31            | 5,502.07            | 5,142.32            | 186.59          | 52.14       | -66.47                | -3,064.69                         | -5,958.78  | 4,413.22             | 4,215.28              | 197.94                  | 22.295            |                    |         |
| 13,500.00                   | 6,890.40            | 5,513.84            | 5,153.07            | 189.38          | 52.27       | -66.62                | -3,069.23                         | -5,960.35  | 4,401.67             | 4,200.14              | 201.53                  | 21.842            |                    |         |
| 13,600.00                   | 6,889.49            | 5,773.29            | 5,392.37            | 192.17          | 54.98       | -69.98                | -3,162.24                         | -5,997.08  | 4,391.83             | 4,181.66              | 210.17                  | 20.896            |                    |         |
| 13,700.00                   | 6,888.58            | 5,784.52            | 5,402.82            | 194.97          | 55.09       | -70.12                | -3,165.97                         | -5,998.85  | 4,383.86             | 4,170.10              | 213.76                  | 20.509            |                    |         |
| 13,800.00                   | 6,887.67            | 5,800.00            | 5,417.20            | 197.76          | 55.24       | -70.32                | -3,171.12                         | -6,001.32  | 4,378.12             | 4,160.74              | 217.38                  | 20.141            |                    |         |
| 13,900.00                   | 6,886.76            | 5,911.43            | 5,521.03            | 200.56          | 56.36       | -71.76                | -3,207.07                         | -6,019.82  | 4,374.47             | 4,151.61              | 222.86                  | 19.629            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00                   | 6,885.84            | 14,000.00           | 5,485.60            | 203.35          | 139.18      | -71.27                | -3,194.89                         | -6,013.48  | 4,372.78             | 4,093.07              | 279.71                  | 15.633            |                    |         |
| 14,016.42                   | 6,885.70            | 14,016.42           | 5,488.23            | 203.81          | 139.35      | -71.31                | -3,195.80                         | -6,013.95  | 4,372.75             | 4,092.21              | 280.54                  | 15.587            | CC, ES             |         |
| 14,100.00                   | 6,884.93            | 5,928.97            | 5,537.39            | 206.15          | 56.55       | -71.99                | -3,212.61                         | -6,022.89  | 4,373.41             | 4,143.79              | 229.63                  | 19.046            |                    |         |
| 14,200.00                   | 6,884.02            | 5,943.89            | 5,551.29            | 208.95          | 56.71       | -72.18                | -3,217.32                         | -6,025.56  | 4,376.22             | 4,143.20              | 233.03                  | 18.780            |                    |         |
| 14,300.00                   | 6,883.11            | 5,959.45            | 5,565.78            | 211.75          | 56.87       | -72.38                | -3,222.25                         | -6,028.40  | 4,381.25             | 4,144.89              | 236.37                  | 18.536            |                    |         |
| 14,400.00                   | 6,882.20            | 5,975.69            | 5,580.87            | 214.55          | 57.04       | -72.59                | -3,227.41                         | -6,031.42  | 4,388.48             | 4,148.85              | 239.64                  | 18.313            |                    |         |
| 14,500.00                   | 6,881.29            | 5,992.65            | 5,596.63            | 217.35          | 57.22       | -72.81                | -3,232.81                         | -6,034.66  | 4,397.90             | 4,155.07              | 242.83                  | 18.111            |                    |         |
| 14,600.00                   | 6,880.37            | 6,000.00            | 5,603.44            | 220.15          | 57.30       | -72.90                | -3,235.16                         | -6,036.08  | 4,409.51             | 4,163.78              | 245.73                  | 17.945            |                    |         |
| 14,700.00                   | 6,879.46            | 6,000.00            | 5,603.44            | 222.95          | 57.30       | -72.90                | -3,235.16                         | -6,036.08  | 4,423.34             | 4,174.97              | 248.36                  | 17.810            |                    |         |
| 14,800.00                   | 6,878.55            | 6,000.00            | 5,603.44            | 225.76          | 57.30       | -72.90                | -3,235.16                         | -6,036.08  | 4,439.37             | 4,188.49              | 250.88                  | 17.695            |                    |         |
| 14,900.00                   | 6,877.64            | 6,029.86            | 5,631.07            | 228.56          | 57.66       | -73.28                | -3,244.84                         | -6,041.96  | 4,457.36             | 4,203.35              | 254.01                  | 17.548            |                    |         |
| 15,000.00                   | 6,876.73            | 6,038.46            | 5,639.00            | 231.37          | 57.76       | -73.39                | -3,247.68                         | -6,043.67  | 4,477.59             | 4,221.07              | 256.52                  | 17.455            |                    |         |
| 15,100.00                   | 6,875.82            | 6,047.17            | 5,647.03            | 234.18          | 57.87       | -73.50                | -3,250.59                         | -6,045.42  | 4,499.91             | 4,240.99              | 258.92                  | 17.379            |                    |         |
| 15,200.00                   | 6,874.90            | 6,056.01            | 5,655.15            | 236.98          | 57.97       | -73.62                | -3,253.56                         | -6,047.21  | 4,524.29             | 4,263.07              | 261.22                  | 17.320            |                    |         |
| 15,300.00                   | 6,873.99            | 6,064.96            | 5,663.37            | 239.79          | 58.08       | -73.73                | -3,256.60                         | -6,049.03  | 4,550.70             | 4,287.29              | 263.41                  | 17.276            |                    |         |
| 15,400.00                   | 6,873.08            | 6,074.03            | 5,671.69            | 242.60          | 58.19       | -73.85                | -3,259.71                         | -6,050.89  | 4,579.10             | 4,313.62              | 265.48                  | 17.248            |                    |         |
| 15,500.00                   | 6,872.17            | 6,100.00            | 5,695.43            | 245.41          | 58.50       | -74.18                | -3,268.75                         | -6,056.27  | 4,609.52             | 4,341.63              | 267.89                  | 17.207            |                    |         |
| 15,600.00                   | 6,871.26            | 15,600.00           | 5,741.60            | 248.22          | 178.64      | -74.82                | -3,285.66                         | -6,066.61  | 4,641.46             | 4,271.29              | 370.17                  | 12.539            |                    |         |
| 15,700.00                   | 6,870.35            | 15,700.00           | 5,761.15            | 251.03          | 179.92      | -75.09                | -3,292.83                         | -6,070.99  | 4,675.31             | 4,301.01              | 374.30                  | 12.491            | SF                 |         |
| 15,737.91                   | 6,870.00            | 6,223.89            | 5,809.45            | 252.10          | 59.98       | -75.76                | -3,310.08                         | -6,081.53  | 4,688.53             | 4,413.73              | 274.80                  | 17.062            |                    |         |
| 15,738.53                   | 6,869.99            | 6,223.96            | 5,809.51            | 252.11          | 59.98       | -75.76                | -3,310.10                         | -6,081.54  | 4,688.75             | 4,413.94              | 274.81                  | 17.062            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                        | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 24.03                 | 2,226.27                          | 992.59     | 2,437.58             |                       |                         |                   |                    |         |
| 100.00                      | 100.00              | 79.37               | 79.37               | 3.28            | 3.28        | 24.03                 | 2,226.28                          | 992.66     | 2,437.56             | 2,430.99              | 6.57                    | 371.065           |                    |         |
| 200.00                      | 200.00              | 179.75              | 179.75              | 3.34            | 3.33        | 24.03                 | 2,226.32                          | 992.85     | 2,437.68             | 2,431.01              | 6.66                    | 365.813           |                    |         |
| 300.00                      | 300.00              | 278.67              | 278.67              | 3.44            | 3.42        | 24.04                 | 2,226.38                          | 992.98     | 2,437.78             | 2,430.91              | 6.87                    | 354.952           |                    |         |
| 400.00                      | 399.98              | 377.25              | 377.25              | 3.60            | 3.57        | -6.11                 | 2,226.54                          | 993.03     | 2,436.21             | 2,429.04              | 7.17                    | 339.770           |                    |         |
| 500.00                      | 499.84              | 475.96              | 475.96              | 3.81            | 3.75        | -6.14                 | 2,226.83                          | 992.91     | 2,431.23             | 2,423.67              | 7.56                    | 321.519           |                    |         |
| 550.00                      | 549.68              | 524.65              | 524.64              | 3.93            | 3.86        | -6.16                 | 2,227.00                          | 992.83     | 2,427.46             | 2,419.67              | 7.79                    | 311.745           |                    |         |
| 600.00                      | 599.45              | 572.68              | 572.68              | 4.06            | 3.97        | -8.50                 | 2,227.22                          | 992.73     | 2,422.88             | 2,414.85              | 8.03                    | 301.880           |                    |         |
| 700.00                      | 698.71              | 673.26              | 673.26              | 4.33            | 4.23        | -11.52                | 2,227.77                          | 992.38     | 2,411.31             | 2,402.75              | 8.56                    | 281.673           |                    |         |
| 800.00                      | 797.49              | 776.02              | 776.01              | 4.64            | 4.52        | -13.45                | 2,228.26                          | 991.86     | 2,396.38             | 2,387.22              | 9.16                    | 261.649           |                    |         |
| 900.00                      | 895.68              | 874.11              | 874.10              | 4.97            | 4.82        | -14.86                | 2,228.64                          | 991.31     | 2,378.12             | 2,368.33              | 9.79                    | 242.930           |                    |         |
| 1,000.00                    | 993.14              | 969.86              | 969.85              | 5.33            | 5.13        | -15.99                | 2,229.01                          | 990.91     | 2,356.73             | 2,346.28              | 10.45                   | 225.496           |                    |         |
| 1,039.84                    | 1,031.75            | 1,022.86            | 1,022.85            | 5.48            | 5.30        | -16.42                | 2,229.15                          | 990.72     | 2,347.32             | 2,336.54              | 10.78                   | 217.819           |                    |         |
| 1,100.00                    | 1,089.94            | 1,193.40            | 1,193.28            | 5.72            | 5.90        | -16.67                | 2,223.78                          | 991.18     | 2,331.04             | 2,319.46              | 11.58                   | 201.318           |                    |         |
| 1,200.00                    | 1,186.67            | 1,449.04            | 1,447.62            | 6.13            | 6.99        | -16.93                | 2,198.54                          | 989.83     | 2,296.78             | 2,283.92              | 12.86                   | 178.615           |                    |         |
| 1,300.00                    | 1,283.39            | 1,300.00            | 1,667.70            | 6.55            | 6.27        | -17.01                | 2,161.78                          | 988.98     | 2,257.47             | 2,244.92              | 12.55                   | 179.854           |                    |         |
| 1,400.00                    | 1,380.12            | 1,864.59            | 1,854.94            | 6.99            | 9.32        | -16.89                | 2,117.95                          | 990.31     | 2,212.90             | 2,197.72              | 15.18                   | 145.744           |                    |         |
| 1,500.00                    | 1,476.85            | 1,972.84            | 1,959.66            | 7.45            | 10.03       | -16.75                | 2,090.56                          | 991.85     | 2,167.12             | 2,151.10              | 16.03                   | 135.205           |                    |         |
| 1,600.00                    | 1,573.57            | 2,124.09            | 2,105.08            | 7.90            | 11.05       | -16.51                | 2,049.11                          | 994.51     | 2,119.74             | 2,102.71              | 17.04                   | 124.423           |                    |         |
| 1,700.00                    | 1,670.30            | 2,254.75            | 2,229.84            | 8.37            | 11.98       | -16.26                | 2,010.32                          | 995.80     | 2,070.22             | 2,052.25              | 17.97                   | 115.206           |                    |         |
| 1,800.00                    | 1,767.03            | 2,456.69            | 2,419.71            | 8.85            | 13.59       | -15.80                | 1,941.68                          | 995.44     | 2,015.96             | 1,996.85              | 19.11                   | 105.494           |                    |         |
| 1,900.00                    | 1,863.75            | 2,630.55            | 2,580.52            | 9.32            | 15.13       | -15.23                | 1,875.66                          | 995.51     | 1,959.99             | 1,939.83              | 20.16                   | 97.207            |                    |         |
| 2,000.00                    | 1,960.48            | 2,771.17            | 2,707.12            | 9.81            | 16.56       | -14.56                | 1,814.48                          | 995.81     | 1,898.50             | 1,877.35              | 21.15                   | 89.763            |                    |         |
| 2,100.00                    | 2,057.21            | 2,824.10            | 2,754.72            | 10.29           | 17.09       | -14.31                | 1,791.33                          | 995.53     | 1,837.22             | 1,815.30              | 21.92                   | 83.824            |                    |         |
| 2,200.00                    | 2,153.93            | 2,862.97            | 2,790.07            | 10.78           | 17.45       | -14.13                | 1,775.18                          | 995.35     | 1,777.64             | 1,754.96              | 22.67                   | 78.406            |                    |         |
| 2,300.00                    | 2,250.66            | 2,921.86            | 2,844.25            | 11.28           | 18.00       | -13.86                | 1,752.11                          | 995.18     | 1,719.92             | 1,696.43              | 23.49                   | 73.233            |                    |         |
| 2,400.00                    | 2,347.39            | 3,050.02            | 2,960.99            | 11.77           | 19.17       | -13.20                | 1,699.23                          | 994.39     | 1,660.27             | 1,635.85              | 24.42                   | 67.999            |                    |         |
| 2,500.00                    | 2,444.11            | 3,116.25            | 3,021.20            | 12.27           | 19.79       | -12.83                | 1,671.65                          | 993.97     | 1,600.74             | 1,575.47              | 25.27                   | 63.344            |                    |         |
| 2,600.00                    | 2,540.84            | 3,171.97            | 3,072.25            | 12.77           | 20.27       | -12.53                | 1,649.34                          | 993.30     | 1,542.34             | 1,516.21              | 26.12                   | 59.039            |                    |         |
| 2,700.00                    | 2,637.57            | 3,251.07            | 3,145.27            | 13.27           | 20.94       | -12.13                | 1,618.94                          | 991.76     | 1,484.97             | 1,457.98              | 26.99                   | 55.013            |                    |         |
| 2,800.00                    | 2,734.30            | 3,341.78            | 3,228.74            | 13.78           | 21.70       | -11.63                | 1,583.52                          | 989.69     | 1,427.04             | 1,399.18              | 27.87                   | 51.211            |                    |         |
| 2,900.00                    | 2,831.02            | 3,416.33            | 3,297.39            | 14.28           | 22.32       | -11.21                | 1,554.54                          | 987.42     | 1,369.06             | 1,340.31              | 28.75                   | 47.625            |                    |         |
| 3,000.00                    | 2,927.75            | 3,473.61            | 3,350.44            | 14.79           | 22.78       | -10.88                | 1,532.99                          | 985.87     | 1,312.22             | 1,282.56              | 29.66                   | 44.242            |                    |         |
| 3,100.00                    | 3,024.48            | 3,544.51            | 3,416.47            | 15.29           | 23.33       | -10.44                | 1,507.22                          | 984.54     | 1,256.75             | 1,226.17              | 30.58                   | 41.098            |                    |         |
| 3,200.00                    | 3,121.20            | 3,625.65            | 3,492.01            | 15.80           | 23.94       | -9.85                 | 1,477.58                          | 983.76     | 1,201.61             | 1,170.11              | 31.51                   | 38.139            |                    |         |
| 3,300.00                    | 3,217.93            | 3,707.59            | 3,568.27            | 16.31           | 24.57       | -9.18                 | 1,447.61                          | 983.26     | 1,146.69             | 1,114.24              | 32.45                   | 35.333            |                    |         |
| 3,400.00                    | 3,314.66            | 3,797.73            | 3,651.89            | 16.82           | 25.27       | -8.31                 | 1,413.99                          | 983.35     | 1,091.61             | 1,058.20              | 33.41                   | 32.673            |                    |         |
| 3,500.00                    | 3,411.38            | 3,889.77            | 3,736.87            | 17.33           | 26.01       | -7.27                 | 1,378.62                          | 983.86     | 1,036.04             | 1,001.65              | 34.39                   | 30.126            |                    |         |
| 3,600.00                    | 3,508.11            | 3,980.66            | 3,820.34            | 17.84           | 26.77       | -6.06                 | 1,342.67                          | 984.51     | 979.91               | 944.50                | 35.41                   | 27.675            |                    |         |
| 3,700.00                    | 3,604.84            | 4,073.41            | 3,905.03            | 18.36           | 27.57       | -4.60                 | 1,304.84                          | 985.27     | 923.19               | 886.75                | 36.45                   | 25.329            |                    |         |
| 3,800.00                    | 3,701.56            | 4,152.23            | 3,976.96            | 18.87           | 28.25       | -3.27                 | 1,272.63                          | 984.84     | 866.16               | 828.58                | 37.58                   | 23.051            |                    |         |
| 3,900.00                    | 3,798.29            | 4,231.22            | 4,049.52            | 19.38           | 28.91       | -1.88                 | 1,241.44                          | 983.48     | 809.96               | 771.24                | 38.72                   | 20.917            |                    |         |
| 4,000.00                    | 3,895.02            | 4,316.40            | 4,127.65            | 19.89           | 29.62       | -0.17                 | 1,207.56                          | 981.72     | 753.79               | 713.93                | 39.86                   | 18.910            |                    |         |
| 4,100.00                    | 3,991.74            | 4,394.92            | 4,199.68            | 20.41           | 30.28       | 1.63                  | 1,176.35                          | 979.98     | 698.09               | 656.96                | 41.13                   | 16.974            |                    |         |
| 4,200.00                    | 4,088.47            | 4,477.67            | 4,275.64            | 20.92           | 30.97       | 3.82                  | 1,143.58                          | 978.00     | 643.00               | 600.57                | 42.43                   | 15.156            |                    |         |
| 4,300.00                    | 4,185.20            | 4,572.09            | 4,361.88            | 21.44           | 31.79       | 6.84                  | 1,105.23                          | 975.30     | 587.82               | 544.14                | 43.68                   | 13.457            |                    |         |
| 4,400.00                    | 4,281.92            | 4,654.45            | 4,436.36            | 21.95           | 32.53       | 10.11                 | 1,070.22                          | 972.32     | 532.06               | 486.81                | 45.26                   | 11.757            |                    |         |
| 4,500.00                    | 4,378.65            | 4,730.29            | 4,505.11            | 22.47           | 33.21       | 13.69                 | 1,038.32                          | 969.44     | 477.99               | 430.86                | 47.13                   | 10.142            |                    |         |
| 4,600.00                    | 4,475.38            | 4,805.80            | 4,574.12            | 22.99           | 33.86       | 17.78                 | 1,007.86                          | 966.22     | 426.54               | 377.32                | 49.22                   | 8.666             |                    |         |
| 4,700.00                    | 4,572.10            | 4,878.40            | 4,641.08            | 23.50           | 34.44       | 22.34                 | 979.94                            | 963.38     | 378.85               | 327.27                | 51.58                   | 7.344             |                    |         |
| 4,800.00                    | 4,668.83            | 4,955.18            | 4,712.44            | 24.02           | 35.01       | 28.01                 | 951.68                            | 961.15     | 336.04               | 281.92                | 54.11                   | 6.210             |                    |         |
| 4,900.00                    | 4,765.56            | 5,034.73            | 4,786.71            | 24.53           | 35.58       | 34.97                 | 923.26                            | 959.52     | 298.98               | 242.21                | 56.77                   | 5.267             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                    | 4,862.28            | 5,116.02            | 4,863.06            | 25.05           | 36.14       | 43.19                 | 895.39                            | 958.16     | 269.01               | 209.68                | 59.33                   | 4.534             |                    |         |
| 5,100.00                    | 4,959.01            | 5,197.33            | 4,940.17            | 25.57           | 36.64       | 52.20                 | 869.62                            | 957.60     | 248.33               | 186.98                | 61.35                   | 4.048             |                    |         |
| 5,200.00                    | 5,055.74            | 5,286.39            | 5,025.84            | 26.09           | 37.10       | 62.17                 | 845.34                            | 957.62     | 237.22               | 174.81                | 62.41                   | 3.801             |                    |         |
| 5,300.00                    | 5,152.46            | 5,379.93            | 5,117.08            | 26.60           | 37.51       | 72.08                 | 824.72                            | 957.58     | 233.64               | 171.07                | 62.58                   | 3.734 ES, SF      |                    |         |
| 5,306.59                    | 5,158.84            | 5,386.21            | 5,123.24            | 26.64           | 37.53       | 72.73                 | 823.47                            | 957.57     | 233.63               | 171.07                | 62.56                   | 3.734 CC          |                    |         |
| 5,400.00                    | 5,249.19            | 5,476.31            | 5,211.84            | 27.12           | 37.87       | 81.59                 | 807.18                            | 957.17     | 235.91               | 173.80                | 62.11                   | 3.798             |                    |         |
| 5,500.00                    | 5,345.92            | 5,573.11            | 5,307.55            | 27.64           | 38.20       | 90.27                 | 792.67                            | 956.39     | 242.67               | 181.36                | 61.31                   | 3.958             |                    |         |
| 5,600.00                    | 5,442.65            | 5,669.98            | 5,403.62            | 28.16           | 38.51       | 98.08                 | 780.32                            | 955.45     | 253.23               | 192.81                | 60.42                   | 4.191             |                    |         |
| 5,700.00                    | 5,539.37            | 5,768.19            | 5,501.21            | 28.68           | 38.81       | 105.18                | 769.40                            | 954.09     | 266.78               | 207.14                | 59.64                   | 4.473             |                    |         |
| 5,800.00                    | 5,636.10            | 5,868.52            | 5,601.11            | 29.20           | 39.10       | 111.55                | 760.36                            | 952.34     | 282.06               | 222.99                | 59.07                   | 4.775             |                    |         |
| 5,900.00                    | 5,732.83            | 5,967.88            | 5,700.23            | 29.71           | 39.38       | 117.04                | 753.62                            | 950.41     | 298.26               | 239.51                | 58.75                   | 5.077             |                    |         |
| 6,000.00                    | 5,829.55            | 6,066.38            | 5,798.55            | 30.23           | 39.66       | 121.90                | 748.12                            | 948.19     | 315.64               | 256.98                | 58.66                   | 5.381             |                    |         |
| 6,100.00                    | 5,926.28            | 6,166.28            | 5,898.32            | 30.75           | 39.93       | 126.27                | 743.74                            | 945.81     | 333.84               | 275.06                | 58.78                   | 5.679             |                    |         |
| 6,200.00                    | 6,023.01            | 6,272.40            | 6,004.37            | 31.27           | 40.22       | 130.39                | 741.25                            | 943.07     | 351.73               | 292.67                | 59.06                   | 5.955             |                    |         |
| 6,300.00                    | 6,119.73            | 6,376.11            | 6,108.04            | 31.79           | 40.51       | 133.94                | 741.89                            | 940.42     | 368.12               | 308.64                | 59.48                   | 6.189             |                    |         |
| 6,397.75                    | 6,214.28            | 6,471.06            | 6,202.97            | 32.30           | 40.77       | 136.76                | 743.57                            | 938.90     | 384.21               | 324.17                | 60.05                   | 6.399             |                    |         |
| 6,400.00                    | 6,216.46            | 6,473.22            | 6,205.12            | 32.31           | 40.77       | 137.45                | 743.61                            | 938.86     | 384.60               | 324.54                | 60.06                   | 6.403             |                    |         |
| 6,450.00                    | 6,265.12            | 6,520.51            | 6,252.41            | 32.56           | 40.90       | 155.35                | 744.32                            | 938.07     | 393.33               | 332.92                | 60.41                   | 6.511             |                    |         |
| 6,500.00                    | 6,314.12            | 6,567.19            | 6,299.07            | 32.78           | 41.03       | 178.08                | 744.78                            | 937.20     | 402.42               | 341.63                | 60.78                   | 6.620             |                    |         |
| 6,550.00                    | 6,363.16            | 6,616.11            | 6,347.98            | 32.99           | 41.17       | -158.91               | 745.01                            | 936.21     | 411.71               | 350.53                | 61.18                   | 6.729             |                    |         |
| 6,600.00                    | 6,411.94            | 6,670.25            | 6,402.11            | 33.18           | 41.32       | -141.29               | 745.69                            | 935.35     | 420.53               | 358.94                | 61.59                   | 6.828             |                    |         |
| 6,650.00                    | 6,460.15            | 6,719.88            | 6,451.72            | 33.35           | 41.46       | -129.76               | 746.83                            | 934.84     | 428.86               | 366.81                | 62.05                   | 6.911             |                    |         |
| 6,700.00                    | 6,507.49            | 6,763.66            | 6,495.49            | 33.52           | 41.58       | -122.43               | 747.59                            | 934.36     | 437.64               | 375.06                | 62.58                   | 6.993             |                    |         |
| 6,750.00                    | 6,553.69            | 6,806.59            | 6,538.41            | 33.69           | 41.70       | -117.87               | 747.94                            | 933.81     | 447.24               | 384.07                | 63.17                   | 7.080             |                    |         |
| 6,800.00                    | 6,598.44            | 6,849.47            | 6,581.29            | 33.85           | 41.83       | -115.15               | 748.05                            | 933.34     | 457.82               | 393.99                | 63.83                   | 7.172             |                    |         |
| 6,850.00                    | 6,641.47            | 6,890.52            | 6,622.35            | 34.02           | 41.94       | -113.56               | 747.98                            | 933.04     | 469.63               | 405.06                | 64.58                   | 7.272             |                    |         |
| 6,900.00                    | 6,682.53            | 6,933.80            | 6,665.62            | 34.19           | 42.07       | -112.52               | 747.87                            | 932.81     | 482.88               | 417.47                | 65.41                   | 7.383             |                    |         |
| 6,950.00                    | 6,721.35            | 6,976.28            | 6,708.11            | 34.38           | 42.19       | -112.86               | 748.02                            | 932.44     | 497.58               | 431.27                | 66.31                   | 7.504             |                    |         |
| 7,000.00                    | 6,757.70            | 7,015.92            | 6,747.73            | 34.57           | 42.30       | -112.94               | 748.39                            | 931.97     | 514.04               | 446.77                | 67.27                   | 7.641             |                    |         |
| 7,050.00                    | 6,791.35            | 7,052.31            | 6,784.12            | 34.79           | 42.41       | -112.99               | 748.86                            | 931.41     | 532.62               | 464.34                | 68.28                   | 7.800             |                    |         |
| 7,100.00                    | 6,822.10            | 7,085.95            | 6,817.75            | 35.03           | 42.51       | -112.90               | 749.38                            | 930.78     | 553.52               | 484.21                | 69.30                   | 7.987             |                    |         |
| 7,150.00                    | 6,849.75            | 7,116.41            | 6,848.20            | 35.30           | 42.60       | -112.52               | 749.93                            | 930.11     | 576.86               | 506.55                | 70.32                   | 8.204             |                    |         |
| 7,200.00                    | 6,874.14            | 7,143.51            | 6,875.28            | 35.61           | 42.67       | -111.76               | 750.47                            | 929.45     | 602.70               | 531.41                | 71.29                   | 8.454             |                    |         |
| 7,250.00                    | 6,895.11            | 7,167.18            | 6,898.94            | 35.95           | 42.74       | -110.52               | 750.99                            | 928.83     | 630.99               | 558.79                | 72.20                   | 8.739             |                    |         |
| 7,300.00                    | 6,912.54            | 7,187.26            | 6,919.01            | 36.34           | 42.80       | -108.70               | 751.46                            | 928.27     | 661.62               | 588.58                | 73.04                   | 9.058             |                    |         |
| 7,350.00                    | 6,926.31            | 7,203.58            | 6,935.31            | 36.77           | 42.85       | -106.22               | 751.86                            | 927.79     | 694.41               | 620.61                | 73.80                   | 9.410             |                    |         |
| 7,400.00                    | 6,936.35            | 7,215.36            | 6,947.09            | 37.25           | 42.89       | -102.96               | 752.16                            | 927.45     | 729.12               | 654.66                | 74.46                   | 9.792             |                    |         |
| 7,450.00                    | 6,942.59            | 7,223.34            | 6,955.06            | 37.76           | 42.91       | -98.95                | 752.37                            | 927.21     | 765.48               | 690.45                | 75.03                   | 10.202            |                    |         |
| 7,500.00                    | 6,944.99            | 7,227.32            | 6,959.03            | 38.31           | 42.92       | -94.20                | 752.48                            | 927.09     | 803.16               | 727.65                | 75.52                   | 10.636            |                    |         |
| 7,512.10                    | 6,945.00            | 7,227.68            | 6,959.39            | 38.44           | 42.92       | -92.95                | 752.49                            | 927.08     | 812.44               | 736.82                | 75.62                   | 10.744            |                    |         |
| 7,600.00                    | 6,944.19            | 7,229.44            | 6,961.15            | 39.51           | 42.93       | -93.14                | 752.54                            | 927.03     | 881.84               | 805.56                | 76.28                   | 11.561            |                    |         |
| 7,700.00                    | 6,943.28            | 7,231.44            | 6,963.15            | 40.90           | 42.93       | -93.36                | 752.59                            | 926.97     | 964.47               | 887.62                | 76.85                   | 12.550            |                    |         |
| 7,800.00                    | 6,942.37            | 7,233.44            | 6,965.15            | 42.44           | 42.94       | -93.58                | 752.64                            | 926.91     | 1,050.12             | 972.84                | 77.28                   | 13.589            |                    |         |
| 7,900.00                    | 6,941.46            | 7,235.44            | 6,967.15            | 44.11           | 42.94       | -93.80                | 752.70                            | 926.85     | 1,138.11             | 1,060.50              | 77.61                   | 14.665            |                    |         |
| 8,000.00                    | 6,940.55            | 7,237.45            | 6,969.16            | 45.90           | 42.95       | -94.03                | 752.75                            | 926.79     | 1,227.93             | 1,150.08              | 77.86                   | 15.771            |                    |         |
| 8,100.00                    | 6,939.64            | 7,239.45            | 6,971.16            | 47.80           | 42.96       | -94.25                | 752.81                            | 926.73     | 1,319.22             | 1,241.17              | 78.05                   | 16.901            |                    |         |
| 8,200.00                    | 6,938.72            | 7,241.46            | 6,973.16            | 49.79           | 42.96       | -94.47                | 752.87                            | 926.67     | 1,411.69             | 1,333.48              | 78.21                   | 18.050            |                    |         |
| 8,300.00                    | 6,937.81            | 7,243.46            | 6,975.17            | 51.86           | 42.97       | -94.69                | 752.92                            | 926.61     | 1,505.12             | 1,426.78              | 78.33                   | 19.214            |                    |         |
| 8,400.00                    | 6,936.90            | 7,245.47            | 6,977.17            | 54.01           | 42.97       | -94.91                | 752.98                            | 926.55     | 1,599.34             | 1,520.90              | 78.43                   | 20.391            |                    |         |
| 8,500.00                    | 6,935.99            | 7,247.48            | 6,979.18            | 56.21           | 42.98       | -95.13                | 753.04                            | 926.49     | 1,694.22             | 1,615.70              | 78.52                   | 21.578            |                    |         |
| 8,600.00                    | 6,935.08            | 7,249.49            | 6,981.19            | 58.47           | 42.99       | -95.35                | 753.09                            | 926.43     | 1,789.65             | 1,711.07              | 78.59                   | 22.773            |                    |         |
| 8,700.00                    | 6,934.17            | 7,251.49            | 6,983.19            | 60.78           | 42.99       | -95.57                | 753.15                            | 926.37     | 1,885.56             | 1,806.91              | 78.64                   | 23.976            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                    | 6,933.25            | 7,253.50            | 6,985.20            | 63.13           | 43.00       | -95.79                | 753.21                            | 926.31     | 1,981.87             | 1,903.17              | 78.70                   | 25.184            |                    |         |
| 8,900.00                    | 6,932.34            | 7,255.51            | 6,987.21            | 65.52           | 43.00       | -96.01                | 753.26                            | 926.25     | 2,078.52             | 1,999.78              | 78.74                   | 26.397            |                    |         |
| 9,000.00                    | 6,931.43            | 7,257.52            | 6,989.22            | 67.95           | 43.01       | -96.23                | 753.32                            | 926.19     | 2,175.48             | 2,096.70              | 78.78                   | 27.615            |                    |         |
| 9,100.00                    | 6,930.52            | 7,259.54            | 6,991.23            | 70.40           | 43.02       | -96.45                | 753.38                            | 926.13     | 2,272.70             | 2,193.88              | 78.82                   | 28.835            |                    |         |
| 9,200.00                    | 6,929.61            | 7,261.55            | 6,993.24            | 72.89           | 43.02       | -96.67                | 753.44                            | 926.07     | 2,370.15             | 2,291.30              | 78.85                   | 30.059            |                    |         |
| 9,300.00                    | 6,928.69            | 7,263.56            | 6,995.25            | 75.40           | 43.03       | -96.89                | 753.50                            | 926.01     | 2,467.80             | 2,388.92              | 78.88                   | 31.285            |                    |         |
| 9,400.00                    | 6,927.78            | 7,265.57            | 6,997.26            | 77.93           | 43.03       | -97.11                | 753.56                            | 925.95     | 2,565.63             | 2,486.72              | 78.91                   | 32.513            |                    |         |
| 9,500.00                    | 6,926.87            | 7,267.59            | 6,999.27            | 80.48           | 43.04       | -97.33                | 753.62                            | 925.89     | 2,663.62             | 2,584.68              | 78.94                   | 33.743            |                    |         |
| 9,600.00                    | 6,925.96            | 7,269.60            | 7,001.28            | 83.05           | 43.05       | -97.56                | 753.68                            | 925.83     | 2,761.75             | 2,682.79              | 78.97                   | 34.973            |                    |         |
| 9,700.00                    | 6,925.05            | 7,271.62            | 7,003.29            | 85.64           | 43.05       | -97.78                | 753.74                            | 925.77     | 2,860.02             | 2,781.02              | 78.99                   | 36.205            |                    |         |
| 9,800.00                    | 6,924.14            | 7,273.63            | 7,005.31            | 88.25           | 43.06       | -97.99                | 753.80                            | 925.71     | 2,958.39             | 2,879.37              | 79.02                   | 37.437            |                    |         |
| 9,900.00                    | 6,923.22            | 7,275.65            | 7,007.32            | 90.86           | 43.06       | -98.21                | 753.86                            | 925.65     | 3,056.87             | 2,977.82              | 79.05                   | 38.670            |                    |         |
| 10,000.00                   | 6,922.31            | 7,277.66            | 7,009.34            | 93.50           | 43.07       | -98.43                | 753.92                            | 925.59     | 3,155.45             | 3,076.37              | 79.08                   | 39.904            |                    |         |
| 10,100.00                   | 6,921.40            | 7,279.68            | 7,011.35            | 96.14           | 43.07       | -98.65                | 753.98                            | 925.53     | 3,254.11             | 3,175.00              | 79.10                   | 41.137            |                    |         |
| 10,200.00                   | 6,920.49            | 7,281.70            | 7,013.37            | 98.79           | 43.08       | -98.87                | 754.04                            | 925.47     | 3,352.85             | 3,273.71              | 79.13                   | 42.370            |                    |         |
| 10,300.00                   | 6,919.58            | 7,283.72            | 7,015.39            | 101.45          | 43.09       | -99.09                | 754.11                            | 925.41     | 3,451.66             | 3,372.49              | 79.16                   | 43.603            |                    |         |
| 10,400.00                   | 6,918.67            | 7,285.74            | 7,017.40            | 104.13          | 43.09       | -99.31                | 754.17                            | 925.35     | 3,550.53             | 3,471.34              | 79.19                   | 44.835            |                    |         |
| 10,500.00                   | 6,917.75            | 7,287.76            | 7,019.42            | 106.81          | 43.10       | -99.53                | 754.23                            | 925.29     | 3,649.47             | 3,570.25              | 79.22                   | 46.067            |                    |         |
| 10,600.00                   | 6,916.84            | 7,289.78            | 7,021.44            | 109.50          | 43.10       | -99.75                | 754.29                            | 925.23     | 3,748.46             | 3,669.21              | 79.25                   | 47.299            |                    |         |
| 10,700.00                   | 6,915.93            | 7,291.80            | 7,023.46            | 112.19          | 43.11       | -99.97                | 754.36                            | 925.17     | 3,847.50             | 3,768.22              | 79.28                   | 48.530            |                    |         |
| 10,800.00                   | 6,915.02            | 7,293.82            | 7,025.48            | 114.90          | 43.12       | -100.19               | 754.42                            | 925.11     | 3,946.59             | 3,867.28              | 79.31                   | 49.759            |                    |         |
| 10,900.00                   | 6,914.11            | 7,295.84            | 7,027.50            | 117.61          | 43.12       | -100.41               | 754.48                            | 925.05     | 4,045.72             | 3,966.38              | 79.35                   | 50.988            |                    |         |
| 11,000.00                   | 6,913.20            | 7,297.87            | 7,029.52            | 120.32          | 43.13       | -100.62               | 754.55                            | 924.99     | 4,144.90             | 4,065.52              | 79.38                   | 52.216            |                    |         |
| 11,100.00                   | 6,912.28            | 7,299.89            | 7,031.54            | 123.04          | 43.13       | -100.84               | 754.61                            | 924.93     | 4,244.11             | 4,164.70              | 79.41                   | 53.443            |                    |         |
| 11,200.00                   | 6,911.37            | 7,304.09            | 7,035.74            | 125.77          | 43.15       | -101.29               | 754.75                            | 924.80     | 4,343.36             | 4,263.91              | 79.45                   | 54.668            |                    |         |
| 11,300.00                   | 6,910.46            | 7,308.65            | 7,040.29            | 128.50          | 43.16       | -101.78               | 754.90                            | 924.66     | 4,442.64             | 4,363.15              | 79.49                   | 55.891            |                    |         |
| 11,400.00                   | 6,909.55            | 7,313.47            | 7,045.11            | 131.24          | 43.17       | -102.30               | 755.05                            | 924.51     | 4,541.94             | 4,462.42              | 79.53                   | 57.112            |                    |         |
| 11,500.00                   | 6,908.64            | 7,318.57            | 7,050.21            | 133.98          | 43.19       | -102.84               | 755.22                            | 924.35     | 4,641.28             | 4,561.71              | 79.57                   | 58.332            |                    |         |
| 11,600.00                   | 6,907.73            | 7,323.99            | 7,055.62            | 136.72          | 43.21       | -103.42               | 755.40                            | 924.17     | 4,740.64             | 4,661.03              | 79.61                   | 59.550            |                    |         |
| 11,700.00                   | 6,906.81            | 7,329.75            | 7,061.37            | 139.47          | 43.22       | -104.03               | 755.59                            | 923.98     | 4,840.03             | 4,760.38              | 79.65                   | 60.766            |                    |         |
| 11,800.00                   | 6,905.90            | 7,335.88            | 7,067.50            | 142.22          | 43.24       | -104.67               | 755.79                            | 923.77     | 4,939.43             | 4,859.74              | 79.69                   | 61.981            |                    |         |
| 11,900.00                   | 6,904.99            | 7,342.43            | 7,074.03            | 144.97          | 43.26       | -105.36               | 756.01                            | 923.54     | 5,038.86             | 4,959.12              | 79.74                   | 63.193            |                    |         |
| 12,000.00                   | 6,904.08            | 7,349.42            | 7,081.02            | 147.73          | 43.28       | -106.08               | 756.25                            | 923.29     | 5,138.31             | 5,058.52              | 79.78                   | 64.403            |                    |         |
| 12,100.00                   | 6,903.17            | 7,356.93            | 7,088.52            | 150.49          | 43.30       | -106.86               | 756.51                            | 923.02     | 5,237.77             | 5,157.94              | 79.83                   | 65.610            |                    |         |
| 12,200.00                   | 6,902.26            | 7,364.00            | 7,096.66            | 153.26          | 57.67       | -104.90               | 755.88                            | 923.67     | 5,337.24             | 5,242.95              | 94.30                   | 56.599            |                    |         |
| 12,300.00                   | 6,901.34            | 7,371.00            | 7,071.90            | 156.02          | 57.97       | -105.13               | 755.95                            | 923.59     | 5,436.75             | 5,342.12              | 94.64                   | 57.449            |                    |         |
| 12,400.00                   | 6,900.43            | 7,378.00            | 7,074.14            | 158.79          | 58.27       | -105.37               | 756.02                            | 923.52     | 5,536.28             | 5,441.31              | 94.97                   | 58.293            |                    |         |
| 12,500.00                   | 6,899.52            | 7,385.00            | 7,076.38            | 161.56          | 58.56       | -105.60               | 756.10                            | 923.44     | 5,635.82             | 5,540.51              | 95.31                   | 59.130            |                    |         |
| 12,600.00                   | 6,898.61            | 7,392.00            | 7,078.62            | 164.34          | 58.86       | -105.83               | 756.17                            | 923.37     | 5,735.38             | 5,639.73              | 95.65                   | 59.961            |                    |         |
| 12,700.00                   | 6,897.70            | 7,399.00            | 7,080.86            | 167.11          | 59.16       | -106.07               | 756.25                            | 923.29     | 5,834.95             | 5,738.96              | 95.99                   | 60.786            |                    |         |
| 12,800.00                   | 6,896.79            | 7,406.00            | 7,083.10            | 169.89          | 59.45       | -106.30               | 756.32                            | 923.22     | 5,934.53             | 5,838.20              | 96.33                   | 61.604            |                    |         |
| 12,900.00                   | 6,895.87            | 7,413.00            | 7,085.34            | 172.67          | 59.75       | -106.53               | 756.40                            | 923.15     | 6,034.13             | 5,937.46              | 96.68                   | 62.416            |                    |         |
| 13,000.00                   | 6,894.96            | 7,420.00            | 7,087.60            | 175.45          | 60.05       | -106.76               | 756.47                            | 923.07     | 6,133.74             | 6,036.50              | 97.02                   | 63.228            |                    |         |
| 13,100.00                   | 6,894.05            | 7,427.00            | 7,089.86            | 178.23          | 60.35       | -106.99               | 756.54                            | 923.00     | 6,233.37             | 6,135.07              | 97.36                   | 64.040            |                    |         |
| 13,200.00                   | 6,893.14            | 7,434.00            | 7,092.12            | 181.02          | 60.65       | -107.22               | 756.61                            | 922.92     | 6,333.00             | 6,234.50              | 97.70                   | 64.852            |                    |         |
| 13,300.00                   | 6,892.23            | 7,441.00            | 7,094.38            | 183.80          | 60.95       | -107.45               | 756.68                            | 922.85     | 6,432.65             | 6,335.65              | 98.04                   | 65.664            |                    |         |
| 13,400.00                   | 6,891.31            | 7,448.00            | 7,096.64            | 186.59          | 61.25       | -107.68               | 756.75                            | 922.77     | 6,532.31             | 6,436.79              | 98.38                   | 66.476            |                    |         |
| 13,500.00                   | 6,890.40            | 7,455.00            | 7,098.90            | 189.38          | 61.55       | -107.91               | 756.82                            | 922.70     | 6,631.98             | 6,537.93              | 98.72                   | 67.288            |                    |         |
| 13,600.00                   | 6,889.49            | 7,462.00            | 7,101.16            | 192.17          | 61.85       | -108.14               | 756.89                            | 922.62     | 6,731.66             | 6,639.07              | 99.06                   | 68.100            |                    |         |
| 13,700.00                   | 6,888.58            | 7,469.00            | 7,103.42            | 194.97          | 62.15       | -108.37               | 756.96                            | 922.55     | 6,831.34             | 6,740.21              | 99.40                   | 68.912            |                    |         |
| 13,800.00                   | 6,887.67            | 7,476.00            | 7,105.68            | 197.76          | 62.45       | -108.60               | 757.03                            | 922.47     | 6,931.04             | 6,841.35              | 99.74                   | 69.724            |                    |         |
| 13,900.00                   | 6,886.76            | 7,483.00            | 7,107.94            | 200.56          | 62.75       | -108.83               | 757.10                            | 922.40     | 7,030.75             | 6,942.49              | 100.08                  | 70.536            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00                   | 6,885.84            | 7,350.00            | 7,081.60            | 203.35          | 43.28       | -106.14               | 756.27                            | 923.27     | 7,130.46             | 7,049.66              | 80.80                   | 88.250            |                    |         |
| 14,100.00                   | 6,884.93            | 7,350.00            | 7,081.60            | 206.15          | 43.28       | -106.14               | 756.27                            | 923.27     | 7,230.18             | 7,149.32              | 80.86                   | 89.418            |                    |         |
| 14,200.00                   | 6,884.02            | 7,350.00            | 7,081.60            | 208.95          | 43.28       | -106.14               | 756.27                            | 923.27     | 7,329.91             | 7,248.99              | 80.92                   | 90.584            |                    |         |
| 14,300.00                   | 6,883.11            | 7,350.00            | 7,081.60            | 211.75          | 43.28       | -106.14               | 756.27                            | 923.27     | 7,429.65             | 7,348.67              | 80.98                   | 91.747            |                    |         |
| 14,400.00                   | 6,882.20            | 7,350.00            | 7,081.60            | 214.55          | 43.28       | -106.14               | 756.27                            | 923.27     | 7,529.39             | 7,448.35              | 81.04                   | 92.907            |                    |         |
| 14,500.00                   | 6,881.29            | 7,350.00            | 7,081.60            | 217.35          | 43.28       | -106.14               | 756.27                            | 923.27     | 7,629.14             | 7,548.03              | 81.10                   | 94.065            |                    |         |
| 14,600.00                   | 6,880.37            | 7,350.00            | 7,081.60            | 220.15          | 43.28       | -106.14               | 756.27                            | 923.27     | 7,728.90             | 7,647.73              | 81.17                   | 95.221            |                    |         |
| 14,700.00                   | 6,879.46            | 7,350.00            | 7,081.60            | 222.95          | 43.28       | -106.14               | 756.27                            | 923.27     | 7,828.66             | 7,747.42              | 81.23                   | 96.373            |                    |         |
| 14,800.00                   | 6,878.55            | 7,350.00            | 7,081.60            | 225.76          | 43.28       | -106.14               | 756.27                            | 923.27     | 7,928.43             | 7,847.13              | 81.30                   | 97.523            |                    |         |
| 14,900.00                   | 6,877.64            | 7,350.00            | 7,081.60            | 228.56          | 43.28       | -106.14               | 756.27                            | 923.27     | 8,028.20             | 7,946.84              | 81.36                   | 98.670            |                    |         |
| 15,000.00                   | 6,876.73            | 7,350.00            | 7,081.60            | 231.37          | 43.28       | -106.14               | 756.27                            | 923.27     | 8,127.98             | 8,046.55              | 81.43                   | 99.814            |                    |         |
| 15,100.00                   | 6,875.82            | 7,350.00            | 7,081.60            | 234.18          | 43.28       | -106.14               | 756.27                            | 923.27     | 8,227.77             | 8,146.27              | 81.50                   | 100.956           |                    |         |
| 15,200.00                   | 6,874.90            | 7,350.00            | 7,081.60            | 236.98          | 43.28       | -106.14               | 756.27                            | 923.27     | 8,327.56             | 8,245.99              | 81.57                   | 102.094           |                    |         |
| 15,300.00                   | 6,873.99            | 7,350.00            | 7,081.60            | 239.79          | 43.28       | -106.14               | 756.27                            | 923.27     | 8,427.35             | 8,345.72              | 81.64                   | 103.230           |                    |         |
| 15,400.00                   | 6,873.08            | 7,350.00            | 7,081.60            | 242.60          | 43.28       | -106.14               | 756.27                            | 923.27     | 8,527.15             | 8,445.45              | 81.71                   | 104.363           |                    |         |
| 15,500.00                   | 6,872.17            | 7,350.00            | 7,081.60            | 245.41          | 43.28       | -106.14               | 756.27                            | 923.27     | 8,626.96             | 8,545.18              | 81.78                   | 105.493           |                    |         |
| 15,600.00                   | 6,871.26            | 7,350.00            | 7,081.60            | 248.22          | 43.28       | -106.14               | 756.27                            | 923.27     | 8,726.77             | 8,644.92              | 81.85                   | 106.620           |                    |         |
| 15,700.00                   | 6,870.35            | 7,350.00            | 7,081.60            | 251.03          | 43.28       | -106.14               | 756.27                            | 923.27     | 8,826.58             | 8,744.66              | 81.92                   | 107.745           |                    |         |
| 15,737.91                   | 6,870.00            | 7,350.00            | 7,081.60            | 252.10          | 43.28       | -106.14               | 756.27                            | 923.27     | 8,864.41             | 8,782.47              | 81.95                   | 108.170           |                    |         |
| 15,738.53                   | 6,869.99            | 7,350.00            | 7,081.60            | 252.11          | 43.28       | -106.14               | 756.27                            | 923.27     | 8,865.04             | 8,783.09              | 81.95                   | 108.177           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                        | 0.00                | 2,181.68            | 2,079.91            | 3.28            | 27.81       | 94.34                 | -390.11                           | 5,141.50   | 5,578.86             |                       |                         |                   |                    |         |
| 100.00                      | 100.00              | 2,232.93            | 2,125.84            | 3.28            | 28.98       | 94.20                 | -376.03                           | 5,123.65   | 5,540.96             | 5,519.63              | 21.33                   | 259.770           |                    |         |
| 200.00                      | 200.00              | 2,272.89            | 2,161.62            | 3.34            | 29.88       | 94.08                 | -364.37                           | 5,110.20   | 5,503.95             | 5,482.05              | 21.91                   | 251.231           |                    |         |
| 300.00                      | 300.00              | 2,334.06            | 2,216.39            | 3.44            | 31.22       | 93.89                 | -345.82                           | 5,090.26   | 5,467.82             | 5,445.00              | 22.82                   | 239.624           |                    |         |
| 400.00                      | 399.98              | 2,576.61            | 2,435.11            | 3.60            | 36.61       | 63.88                 | -283.52                           | 5,006.09   | 5,429.66             | 5,403.70              | 25.96                   | 209.173           |                    |         |
| 500.00                      | 499.84              | 2,869.47            | 2,693.27            | 3.81            | 44.31       | 63.94                 | -197.50                           | 4,898.14   | 5,388.12             | 5,357.59              | 30.53                   | 176.495           |                    |         |
| 550.00                      | 549.68              | 550.00              | 2,725.39            | 3.93            | 24.92       | 64.29                 | -185.06                           | 4,883.91   | 5,365.70             | 5,347.19              | 18.51                   | 289.809           |                    |         |
| 600.00                      | 599.45              | 2,900.00            | 2,719.57            | 4.06            | 45.22       | 62.41                 | -187.28                           | 4,886.48   | 5,343.19             | 5,311.89              | 31.30                   | 170.728           |                    |         |
| 700.00                      | 698.71              | 2,949.67            | 2,762.63            | 4.33            | 46.58       | 60.21                 | -170.96                           | 4,867.86   | 5,297.08             | 5,264.71              | 32.37                   | 163.637           |                    |         |
| 800.00                      | 797.49              | 3,000.00            | 2,806.89            | 4.64            | 47.96       | 59.23                 | -155.30                           | 4,849.74   | 5,250.33             | 5,216.86              | 33.48                   | 156.841           |                    |         |
| 900.00                      | 895.68              | 3,000.00            | 2,806.89            | 4.97            | 47.96       | 58.95                 | -155.30                           | 4,849.74   | 5,202.45             | 5,168.69              | 33.76                   | 154.098           |                    |         |
| 1,000.00                    | 993.14              | 3,047.26            | 2,848.92            | 5.33            | 49.06       | 58.98                 | -141.24                           | 4,833.31   | 5,153.71             | 5,118.98              | 34.72                   | 148.420           |                    |         |
| 1,039.84                    | 1,031.75            | 3,062.39            | 2,862.44            | 5.48            | 49.41       | 59.07                 | -136.85                           | 4,828.15   | 5,134.03             | 5,098.97              | 35.06                   | 146.432           |                    |         |
| 1,100.00                    | 1,089.94            | 3,100.00            | 2,896.20            | 5.72            | 50.28       | 59.05                 | -126.12                           | 4,815.51   | 5,104.40             | 5,068.63              | 35.77                   | 142.695           |                    |         |
| 1,200.00                    | 1,186.67            | 3,233.63            | 3,015.84            | 6.13            | 53.32       | 58.99                 | -88.10                            | 4,769.73   | 5,054.59             | 5,016.69              | 37.89                   | 133.389           |                    |         |
| 1,300.00                    | 1,283.39            | 3,300.00            | 3,075.50            | 6.55            | 54.84       | 58.97                 | -70.17                            | 4,746.82   | 5,004.74             | 4,965.63              | 39.11                   | 127.970           |                    |         |
| 1,400.00                    | 1,380.12            | 3,300.00            | 3,075.50            | 6.99            | 54.84       | 58.97                 | -70.17                            | 4,746.82   | 4,955.72             | 4,916.24              | 39.48                   | 125.523           |                    |         |
| 1,500.00                    | 1,476.85            | 3,350.55            | 3,121.42            | 7.45            | 55.83       | 58.97                 | -57.41                            | 4,729.95   | 4,907.44             | 4,867.02              | 40.42                   | 121.416           |                    |         |
| 1,600.00                    | 1,573.57            | 3,400.00            | 3,166.86            | 7.90            | 56.80       | 58.97                 | -45.78                            | 4,714.33   | 4,860.52             | 4,819.17              | 41.35                   | 117.539           |                    |         |
| 1,700.00                    | 1,670.30            | 3,451.99            | 3,214.83            | 8.37            | 57.72       | 58.99                 | -33.81                            | 4,698.26   | 4,814.30             | 4,772.02              | 42.28                   | 113.869           |                    |         |
| 1,800.00                    | 1,767.03            | 3,549.91            | 3,304.79            | 8.85            | 59.50       | 59.00                 | -10.30                            | 4,667.55   | 4,767.77             | 4,724.07              | 43.70                   | 109.101           |                    |         |
| 1,900.00                    | 1,863.75            | 3,614.02            | 3,363.61            | 9.32            | 60.66       | 58.99                 | 5.79                              | 4,647.75   | 4,721.58             | 4,676.78              | 44.81                   | 105.380           |                    |         |
| 2,000.00                    | 1,960.48            | 3,669.30            | 3,414.57            | 9.81            | 61.61       | 59.00                 | 19.03                             | 4,630.93   | 4,675.96             | 4,630.17              | 45.79                   | 102.108           |                    |         |
| 2,100.00                    | 2,057.21            | 3,700.00            | 3,443.03            | 10.29           | 62.14       | 59.01                 | 25.91                             | 4,621.70   | 4,631.09             | 4,584.54              | 46.55                   | 99.491            |                    |         |
| 2,200.00                    | 2,153.93            | 4,259.04            | 3,952.72            | 10.78           | 73.42       | 59.09                 | 158.75                            | 4,437.26   | 4,586.41             | 4,533.69              | 52.72                   | 87.000            |                    |         |
| 2,300.00                    | 2,250.66            | 4,300.00            | 3,988.41            | 11.28           | 74.57       | 59.05                 | 171.90                            | 4,422.07   | 4,533.61             | 4,479.73              | 53.88                   | 84.136            |                    |         |
| 2,400.00                    | 2,347.39            | 4,335.00            | 4,019.04            | 11.77           | 75.44       | 59.01                 | 183.17                            | 4,409.44   | 4,481.72             | 4,426.79              | 54.94                   | 81.582            |                    |         |
| 2,500.00                    | 2,444.11            | 4,362.50            | 4,043.32            | 12.27           | 76.12       | 58.98                 | 191.84                            | 4,399.86   | 4,430.98             | 4,375.10              | 55.88                   | 79.292            |                    |         |
| 2,600.00                    | 2,540.84            | 4,400.00            | 4,076.71            | 12.77           | 77.06       | 58.95                 | 203.40                            | 4,387.30   | 4,381.42             | 4,324.44              | 56.98                   | 76.896            |                    |         |
| 2,700.00                    | 2,637.57            | 4,400.00            | 4,076.71            | 13.27           | 77.06       | 58.95                 | 203.40                            | 4,387.30   | 4,333.09             | 4,275.57              | 57.52                   | 75.328            |                    |         |
| 2,800.00                    | 2,734.30            | 4,461.86            | 4,132.43            | 13.78           | 78.31       | 58.90                 | 221.57                            | 4,367.53   | 4,285.51             | 4,226.68              | 58.82                   | 72.854            |                    |         |
| 2,900.00                    | 2,831.02            | 4,500.00            | 4,167.15            | 14.28           | 79.08       | 58.89                 | 232.16                            | 4,355.82   | 4,239.13             | 4,179.30              | 59.83                   | 70.852            |                    |         |
| 3,000.00                    | 2,927.75            | 4,634.20            | 4,289.33            | 14.79           | 81.64       | 58.82                 | 269.14                            | 4,314.39   | 4,192.56             | 4,130.67              | 61.89                   | 67.748            |                    |         |
| 3,100.00                    | 3,024.48            | 4,750.96            | 4,395.60            | 15.29           | 83.92       | 58.78                 | 300.76                            | 4,277.81   | 4,145.78             | 4,082.04              | 63.73                   | 65.049            |                    |         |
| 3,200.00                    | 3,121.20            | 4,860.14            | 4,494.73            | 15.80           | 86.12       | 58.74                 | 329.62                            | 4,242.28   | 4,097.81             | 4,032.31              | 65.50                   | 62.566            |                    |         |
| 3,300.00                    | 3,217.93            | 5,157.59            | 4,761.05            | 16.31           | 93.05       | 58.59                 | 412.21                            | 4,138.87   | 4,047.58             | 3,977.96              | 69.62                   | 58.142            |                    |         |
| 3,400.00                    | 3,314.66            | 5,303.50            | 4,889.47            | 16.82           | 96.97       | 58.48                 | 454.28                            | 4,083.85   | 3,994.58             | 3,922.42              | 72.16                   | 55.355            |                    |         |
| 3,500.00                    | 3,411.38            | 5,364.29            | 4,943.05            | 17.33           | 98.60       | 58.45                 | 471.15                            | 4,060.60   | 3,941.22             | 3,867.64              | 73.58                   | 53.562            |                    |         |
| 3,600.00                    | 3,508.11            | 5,440.02            | 5,010.19            | 17.84           | 100.60      | 58.42                 | 491.15                            | 4,031.84   | 3,888.28             | 3,813.14              | 75.14                   | 51.749            |                    |         |
| 3,700.00                    | 3,604.84            | 5,595.32            | 5,148.05            | 18.36           | 104.70      | 58.41                 | 529.76                            | 3,971.69   | 3,835.03             | 3,757.63              | 77.40                   | 49.547            |                    |         |
| 3,800.00                    | 3,701.56            | 5,646.49            | 5,193.62            | 18.87           | 106.00      | 58.44                 | 540.96                            | 3,951.29   | 3,780.88             | 3,702.36              | 78.52                   | 48.151            |                    |         |
| 3,900.00                    | 3,798.29            | 5,700.00            | 5,241.71            | 19.38           | 107.36      | 58.48                 | 551.54                            | 3,930.36   | 3,727.55             | 3,647.92              | 79.63                   | 46.811            |                    |         |
| 4,000.00                    | 3,895.02            | 5,732.63            | 5,271.26            | 19.89           | 108.06      | 58.52                 | 557.53                            | 3,917.89   | 3,675.15             | 3,594.64              | 80.52                   | 45.644            |                    |         |
| 4,100.00                    | 3,991.74            | 5,770.15            | 5,305.46            | 20.41           | 108.87      | 58.57                 | 564.14                            | 3,903.94   | 3,623.88             | 3,542.47              | 81.42                   | 44.510            |                    |         |
| 4,200.00                    | 4,088.47            | 6,000.00            | 5,513.32            | 20.92           | 114.29      | 58.86                 | 605.74                            | 3,815.26   | 3,570.90             | 3,487.64              | 83.26                   | 42.890            |                    |         |
| 4,300.00                    | 4,185.20            | 6,045.74            | 5,554.27            | 21.44           | 115.36      | 58.92                 | 614.07                            | 3,796.67   | 3,516.78             | 3,432.58              | 84.21                   | 41.764            |                    |         |
| 4,400.00                    | 4,281.92            | 6,100.00            | 5,603.82            | 21.95           | 116.64      | 59.03                 | 622.37                            | 3,776.17   | 3,464.75             | 3,379.60              | 85.15                   | 40.692            |                    |         |
| 4,500.00                    | 4,378.65            | 6,100.00            | 5,603.82            | 22.47           | 116.64      | 59.03                 | 622.37                            | 3,776.17   | 3,413.38             | 3,327.47              | 85.91                   | 39.734            |                    |         |
| 4,600.00                    | 4,475.38            | 6,100.00            | 5,603.82            | 22.99           | 116.64      | 59.03                 | 622.37                            | 3,776.17   | 3,364.20             | 3,277.56              | 86.63                   | 38.832            |                    |         |
| 4,700.00                    | 4,572.10            | 6,142.96            | 5,643.74            | 23.50           | 117.30      | 59.13                 | 627.91                            | 3,761.30   | 3,316.27             | 3,228.93              | 87.34                   | 37.969            |                    |         |
| 4,800.00                    | 4,668.83            | 6,200.00            | 5,697.61            | 24.02           | 118.19      | 59.29                 | 634.16                            | 3,743.66   | 3,270.90             | 3,182.89              | 88.02                   | 37.162            |                    |         |
| 4,900.00                    | 4,765.56            | 6,200.00            | 5,697.61            | 24.53           | 118.19      | 59.29                 | 634.16                            | 3,743.66   | 3,226.13             | 3,137.46              | 88.67                   | 36.383            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                    | 4,862.28            | 6,200.00            | 5,697.61            | 25.05           | 118.19      | 59.29                 | 634.16                            | 3,743.66   | 3,183.87             | 3,094.60              | 89.28                   | 35.664            |                    |         |
| 5,100.00                    | 4,959.01            | 6,245.32            | 5,741.03            | 25.57           | 118.60      | 59.44                 | 637.80                            | 3,731.22   | 3,143.17             | 3,053.42              | 89.74                   | 35.024            |                    |         |
| 5,200.00                    | 5,055.74            | 6,300.00            | 5,794.01            | 26.09           | 119.10      | 59.66                 | 640.03                            | 3,717.92   | 3,104.87             | 3,014.75              | 90.12                   | 34.452            |                    |         |
| 5,300.00                    | 5,152.46            | 6,300.00            | 5,794.01            | 26.60           | 119.10      | 59.66                 | 640.03                            | 3,717.92   | 3,067.79             | 2,977.18              | 90.60                   | 33.860            |                    |         |
| 5,400.00                    | 5,249.19            | 6,331.57            | 5,824.84            | 27.12           | 119.25      | 59.81                 | 640.46                            | 3,711.09   | 3,033.04             | 2,942.15              | 90.90                   | 33.368            |                    |         |
| 5,500.00                    | 5,345.92            | 6,361.90            | 5,854.57            | 27.64           | 119.40      | 59.95                 | 640.58                            | 3,705.12   | 3,000.31             | 2,909.16              | 91.15                   | 32.916            |                    |         |
| 5,600.00                    | 5,442.65            | 6,400.00            | 5,892.08            | 28.16           | 119.59      | 60.15                 | 640.31                            | 3,698.44   | 2,969.67             | 2,878.34              | 91.33                   | 32.517            |                    |         |
| 5,700.00                    | 5,539.37            | 6,427.58            | 5,919.32            | 28.68           | 119.66      | 60.29                 | 639.98                            | 3,694.14   | 2,941.04             | 2,849.55              | 91.49                   | 32.146            |                    |         |
| 5,800.00                    | 5,636.10            | 6,464.42            | 5,955.79            | 29.20           | 119.76      | 60.47                 | 639.65                            | 3,689.03   | 2,914.43             | 2,822.84              | 91.59                   | 31.822            |                    |         |
| 5,900.00                    | 5,732.83            | 6,500.00            | 5,991.12            | 29.71           | 119.86      | 60.65                 | 639.45                            | 3,684.79   | 2,889.83             | 2,798.18              | 91.65                   | 31.532            |                    |         |
| 6,000.00                    | 5,829.55            | 6,532.39            | 6,023.36            | 30.23           | 119.91      | 60.80                 | 639.44                            | 3,681.63   | 2,867.39             | 2,775.71              | 91.68                   | 31.276            |                    |         |
| 6,100.00                    | 5,926.28            | 6,563.82            | 6,054.70            | 30.75           | 119.96      | 60.95                 | 639.67                            | 3,679.32   | 2,847.25             | 2,755.58              | 91.67                   | 31.059            |                    |         |
| 6,200.00                    | 6,023.01            | 6,600.00            | 6,090.84            | 31.27           | 120.02      | 61.11                 | 640.23                            | 3,677.58   | 2,829.44             | 2,737.81              | 91.63                   | 30.879            |                    |         |
| 6,300.00                    | 6,119.73            | 6,653.51            | 6,144.31            | 31.79           | 120.08      | 61.34                 | 641.14                            | 3,676.00   | 2,813.57             | 2,721.98              | 91.59                   | 30.719            |                    |         |
| 6,397.75                    | 6,214.28            | 6,721.21            | 6,211.99            | 32.30           | 120.14      | 61.64                 | 641.92                            | 3,674.74   | 2,799.35             | 2,707.79              | 91.56                   | 30.573            |                    |         |
| 6,400.00                    | 6,216.46            | 6,723.31            | 6,214.10            | 32.31           | 120.15      | 62.23                 | 641.94                            | 3,674.70   | 2,799.04             | 2,707.48              | 91.56                   | 30.570            |                    |         |
| 6,450.00                    | 6,265.12            | 6,770.38            | 6,261.16            | 32.56           | 120.19      | 78.42                 | 642.42                            | 3,673.99   | 2,794.10             | 2,702.52              | 91.58                   | 30.510            |                    |         |
| 6,488.72                    | 6,303.05            | 6,807.87            | 6,298.64            | 32.73           | 120.23      | 94.84                 | 642.80                            | 3,673.44   | 2,792.94             | 2,701.34              | 91.60                   | 30.491 CC, ES     |                    |         |
| 6,500.00                    | 6,314.12            | 6,819.74            | 6,310.51            | 32.78           | 120.24      | 100.04                | 642.91                            | 3,673.26   | 2,793.04             | 2,701.43              | 91.61                   | 30.488 SF         |                    |         |
| 6,550.00                    | 6,363.16            | 6,872.33            | 6,363.09            | 32.99           | 120.29      | 122.54                | 643.38                            | 3,672.42   | 2,795.79             | 2,704.13              | 91.66                   | 30.502            |                    |         |
| 6,600.00                    | 6,411.94            | 6,925.20            | 6,415.95            | 33.18           | 120.35      | 140.39                | 643.80                            | 3,671.51   | 2,802.31             | 2,710.60              | 91.71                   | 30.555            |                    |         |
| 6,650.00                    | 6,460.15            | 6,978.13            | 6,468.87            | 33.35           | 120.40      | 152.74                | 644.30                            | 3,670.52   | 2,812.54             | 2,720.76              | 91.79                   | 30.643            |                    |         |
| 6,700.00                    | 6,507.49            | 7,027.30            | 6,518.02            | 33.52           | 120.45      | 161.18                | 644.86                            | 3,669.56   | 2,826.42             | 2,734.55              | 91.87                   | 30.766            |                    |         |
| 6,750.00                    | 6,553.69            | 7,073.27            | 6,563.99            | 33.69           | 120.50      | 167.18                | 645.53                            | 3,668.69   | 2,843.92             | 2,751.96              | 91.96                   | 30.924            |                    |         |
| 6,800.00                    | 6,598.44            | 7,121.57            | 6,612.27            | 33.85           | 120.55      | 171.70                | 646.40                            | 3,667.81   | 2,864.93             | 2,772.83              | 92.10                   | 31.108            |                    |         |
| 6,850.00                    | 6,641.47            | 7,173.49            | 6,664.17            | 34.02           | 120.61      | 175.31                | 647.53                            | 3,666.78   | 2,889.21             | 2,796.94              | 92.27                   | 31.313            |                    |         |
| 6,900.00                    | 6,682.53            | 7,220.69            | 6,711.34            | 34.19           | 120.66      | 178.35                | 648.70                            | 3,665.74   | 2,916.60             | 2,824.15              | 92.45                   | 31.546            |                    |         |
| 6,950.00                    | 6,721.35            | 7,262.70            | 6,753.33            | 34.38           | 120.71      | -178.94               | 649.68                            | 3,664.76   | 2,947.02             | 2,854.37              | 92.64                   | 31.810            |                    |         |
| 7,000.00                    | 6,757.70            | 7,302.21            | 6,792.82            | 34.57           | 120.75      | -176.37               | 650.53                            | 3,663.79   | 2,980.28             | 2,887.43              | 92.85                   | 32.099            |                    |         |
| 7,050.00                    | 6,791.35            | 7,334.35            | 6,824.94            | 34.79           | 120.79      | -173.79               | 651.18                            | 3,663.00   | 3,016.21             | 2,923.17              | 93.05                   | 32.416            |                    |         |
| 7,100.00                    | 6,822.10            | 7,364.03            | 6,854.60            | 35.03           | 120.82      | -171.04               | 651.78                            | 3,662.29   | 3,054.63             | 2,961.37              | 93.26                   | 32.753            |                    |         |
| 7,150.00                    | 6,849.75            | 7,390.81            | 6,881.37            | 35.30           | 120.85      | -167.95               | 652.30                            | 3,661.67   | 3,095.29             | 3,001.80              | 93.49                   | 33.109            |                    |         |
| 7,200.00                    | 6,874.14            | 7,413.29            | 6,903.84            | 35.61           | 120.88      | -164.28               | 652.73                            | 3,661.15   | 3,137.94             | 3,044.22              | 93.72                   | 33.482            |                    |         |
| 7,250.00                    | 6,895.11            | 7,432.03            | 6,922.58            | 35.95           | 120.90      | -159.68               | 653.07                            | 3,660.74   | 3,182.32             | 3,088.36              | 93.96                   | 33.869            |                    |         |
| 7,300.00                    | 6,912.54            | 7,447.72            | 6,938.26            | 36.34           | 120.92      | -153.65               | 653.32                            | 3,660.41   | 3,228.17             | 3,133.96              | 94.21                   | 34.267            |                    |         |
| 7,350.00                    | 6,926.31            | 7,460.26            | 6,950.80            | 36.77           | 120.93      | -145.39               | 653.52                            | 3,660.15   | 3,275.18             | 3,180.72              | 94.46                   | 34.672            |                    |         |
| 7,400.00                    | 6,936.35            | 7,469.60            | 6,960.14            | 37.25           | 120.94      | -133.77               | 653.65                            | 3,659.96   | 3,323.08             | 3,228.36              | 94.72                   | 35.081            |                    |         |
| 7,450.00                    | 6,942.59            | 7,475.71            | 6,966.24            | 37.76           | 120.95      | -117.79               | 653.74                            | 3,659.84   | 3,371.57             | 3,276.57              | 94.99                   | 35.492            |                    |         |
| 7,500.00                    | 6,944.99            | 7,478.54            | 6,969.07            | 38.31           | 120.95      | -98.25                | 653.78                            | 3,659.78   | 3,420.34             | 3,325.07              | 95.27                   | 35.901            |                    |         |
| 7,512.10                    | 6,945.00            | 7,478.74            | 6,969.27            | 38.44           | 120.95      | -93.37                | 653.78                            | 3,659.78   | 3,432.16             | 3,336.82              | 95.34                   | 36.000            |                    |         |
| 7,600.00                    | 6,944.19            | 7,479.47            | 6,970.00            | 39.51           | 120.95      | -93.42                | 653.79                            | 3,659.77   | 3,518.01             | 3,422.19              | 95.82                   | 36.714            |                    |         |
| 7,700.00                    | 6,943.28            | 7,480.29            | 6,970.82            | 40.90           | 120.95      | -93.49                | 653.80                            | 3,659.75   | 3,615.81             | 3,519.45              | 96.36                   | 37.526            |                    |         |
| 7,800.00                    | 6,942.37            | 7,481.11            | 6,971.64            | 42.44           | 120.95      | -93.55                | 653.81                            | 3,659.73   | 3,713.72             | 3,616.86              | 96.87                   | 38.339            |                    |         |
| 7,900.00                    | 6,941.46            | 7,481.92            | 6,972.45            | 44.11           | 120.95      | -93.61                | 653.82                            | 3,659.72   | 3,811.75             | 3,714.39              | 97.36                   | 39.152            |                    |         |
| 8,000.00                    | 6,940.55            | 7,482.73            | 6,973.26            | 45.90           | 120.95      | -93.67                | 653.83                            | 3,659.70   | 3,909.87             | 3,812.03              | 97.83                   | 39.965            |                    |         |
| 8,100.00                    | 6,939.64            | 7,483.53            | 6,974.06            | 47.80           | 120.96      | -93.74                | 653.84                            | 3,659.69   | 4,008.08             | 3,909.79              | 98.29                   | 40.779            |                    |         |
| 8,200.00                    | 6,938.72            | 7,484.33            | 6,974.86            | 49.79           | 120.96      | -93.80                | 653.85                            | 3,659.67   | 4,106.38             | 4,007.65              | 98.73                   | 41.593            |                    |         |
| 8,300.00                    | 6,937.81            | 7,485.12            | 6,975.65            | 51.86           | 120.96      | -93.86                | 653.86                            | 3,659.66   | 4,204.76             | 4,105.61              | 99.15                   | 42.407            |                    |         |
| 8,400.00                    | 6,936.90            | 7,485.91            | 6,976.44            | 54.01           | 120.96      | -93.92                | 653.87                            | 3,659.64   | 4,303.22             | 4,203.66              | 99.56                   | 43.222            |                    |         |
| 8,500.00                    | 6,935.99            | 7,486.69            | 6,977.22            | 56.21           | 120.96      | -93.98                | 653.88                            | 3,659.63   | 4,401.74             | 4,301.78              | 99.96                   | 44.036            |                    |         |
| 8,600.00                    | 6,935.08            | 7,487.47            | 6,978.00            | 58.47           | 120.96      | -94.04                | 653.90                            | 3,659.61   | 4,500.33             | 4,399.99              | 100.34                  | 44.851            |                    |         |
| 8,700.00                    | 6,934.17            | 7,488.24            | 6,978.77            | 60.78           | 120.96      | -94.10                | 653.91                            | 3,659.60   | 4,598.98             | 4,498.27              | 100.71                  | 45.666            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                |                |                |                 |        |                   |                        |                 |                  |                    |                   |        | Boomerang 21-5 - SRC Northridge #11-4D - OH - OH |         | Offset Site Error: | 0.00 ft |
|-----------------------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|-----------------|------------------|--------------------|-------------------|--------|--|---------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                |                |                |                 |        |                   |                        |                 |                  |                    |                   |        | Offset Well Error:                               |         | 3.28 ft            |         |
| Reference                   |                | Offset         |                | Semi Major Axis |        |                   | Distance               |                 |                  |                    |                   |        |  | Warning |                    |         |
| Measured Depth              | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre | Between Centres | Between Ellipses | Minimum Separation | Separation Factor |        |  |         |                    |         |
| Depth (ft)                  | Depth (ft)     | Depth (ft)     | Depth (ft)     | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft)      | (ft)             | (ft)               | (ft)              |        |  |         |                    |         |
| 8,800.00                    | 6,933.25       | 7,489.01       | 6,979.54       | 63.13           | 120.96 | -94.16            | 653.91                 | 3,659.58        | 4,697.69         | 4,596.62           | 101.07            | 46.481 |  |         |                    |         |
| 8,900.00                    | 6,932.34       | 7,489.77       | 6,980.30       | 65.52           | 120.96 | -94.21            | 653.92                 | 3,659.57        | 4,796.45         | 4,695.04           | 101.41            | 47.296 |  |         |                    |         |
| 9,000.00                    | 6,931.43       | 7,490.53       | 6,981.06       | 67.95           | 120.96 | -94.27            | 653.93                 | 3,659.55        | 4,895.26         | 4,793.51           | 101.75            | 48.111 |  |         |                    |         |
| 9,100.00                    | 6,930.52       | 7,491.28       | 6,981.81       | 70.40           | 120.96 | -94.33            | 653.94                 | 3,659.54        | 4,994.12         | 4,892.04           | 102.07            | 48.926 |  |         |                    |         |
| 9,200.00                    | 6,929.61       | 7,492.03       | 6,982.56       | 72.89           | 120.97 | -94.39            | 653.95                 | 3,659.52        | 5,093.02         | 4,990.63           | 102.39            | 49.741 |  |         |                    |         |
| 9,300.00                    | 6,928.69       | 7,492.78       | 6,983.30       | 75.40           | 120.97 | -94.45            | 653.96                 | 3,659.51        | 5,191.96         | 5,089.27           | 102.70            | 50.556 |  |         |                    |         |
| 9,400.00                    | 6,927.78       | 7,493.52       | 6,984.04       | 77.93           | 120.97 | -94.50            | 653.97                 | 3,659.50        | 5,290.95         | 5,187.95           | 103.00            | 51.370 |  |         |                    |         |
| 9,500.00                    | 6,926.87       | 7,494.25       | 6,984.78       | 80.48           | 120.97 | -94.56            | 653.98                 | 3,659.48        | 5,389.97         | 5,286.68           | 103.29            | 52.184 |  |         |                    |         |
| 9,600.00                    | 6,925.96       | 7,494.98       | 6,985.51       | 83.05           | 120.97 | -94.61            | 653.99                 | 3,659.47        | 5,489.02         | 5,385.46           | 103.57            | 52.999 |  |         |                    |         |
| 9,700.00                    | 6,925.05       | 7,495.71       | 6,986.24       | 85.64           | 120.97 | -94.67            | 654.00                 | 3,659.45        | 5,588.11         | 5,484.27           | 103.84            | 53.812 |  |         |                    |         |
| 9,800.00                    | 6,924.14       | 7,496.43       | 6,986.96       | 88.25           | 120.97 | -94.73            | 654.01                 | 3,659.44        | 5,687.24         | 5,583.12           | 104.11            | 54.626 |  |         |                    |         |
| 9,900.00                    | 6,923.22       | 7,500.00       | 6,990.53       | 90.86           | 120.97 | -95.00            | 654.05                 | 3,659.37        | 5,786.39         | 5,682.01           | 104.38            | 55.437 |  |         |                    |         |
| 10,000.00                   | 6,922.31       | 7,500.00       | 6,990.53       | 93.50           | 120.97 | -95.00            | 654.05                 | 3,659.37        | 5,885.57         | 5,780.94           | 104.63            | 56.250 |  |         |                    |         |
| 10,100.00                   | 6,921.40       | 7,500.00       | 6,990.53       | 96.14           | 120.97 | -95.00            | 654.05                 | 3,659.37        | 5,984.78         | 5,879.90           | 104.88            | 57.063 |  |         |                    |         |
| 10,200.00                   | 6,920.49       | 7,500.00       | 6,990.53       | 98.79           | 120.97 | -95.00            | 654.05                 | 3,659.37        | 6,084.01         | 5,978.89           | 105.12            | 57.875 |  |         |                    |         |
| 10,300.00                   | 6,919.58       | 7,500.00       | 6,990.53       | 101.45          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 6,183.27         | 6,077.91           | 105.36            | 58.687 |  |         |                    |         |
| 10,400.00                   | 6,918.67       | 7,500.00       | 6,990.53       | 104.13          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 6,282.55         | 6,176.96           | 105.59            | 59.499 |  |         |                    |         |
| 10,500.00                   | 6,917.75       | 7,500.00       | 6,990.53       | 106.81          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 6,381.85         | 6,276.04           | 105.82            | 60.310 |  |         |                    |         |
| 10,600.00                   | 6,916.84       | 7,500.00       | 6,990.53       | 109.50          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 6,481.18         | 6,375.14           | 106.04            | 61.120 |  |         |                    |         |
| 10,700.00                   | 6,915.93       | 7,500.00       | 6,990.53       | 112.19          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 6,580.52         | 6,474.27           | 106.26            | 61.930 |  |         |                    |         |
| 10,800.00                   | 6,915.02       | 7,500.00       | 6,990.53       | 114.90          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 6,679.89         | 6,573.42           | 106.47            | 62.739 |  |         |                    |         |
| 10,900.00                   | 6,914.11       | 7,500.00       | 6,990.53       | 117.61          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 6,779.27         | 6,672.59           | 106.68            | 63.547 |  |         |                    |         |
| 11,000.00                   | 6,913.20       | 7,500.00       | 6,990.53       | 120.32          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 6,878.68         | 6,771.79           | 106.89            | 64.355 |  |         |                    |         |
| 11,100.00                   | 6,912.28       | 7,500.00       | 6,990.53       | 123.04          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 6,978.09         | 6,871.01           | 107.09            | 65.162 |  |         |                    |         |
| 11,200.00                   | 6,911.37       | 7,500.00       | 6,990.53       | 125.77          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 7,077.53         | 6,970.24           | 107.29            | 65.968 |  |         |                    |         |
| 11,300.00                   | 6,910.46       | 7,500.00       | 6,990.53       | 128.50          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 7,176.98         | 7,069.50           | 107.48            | 66.774 |  |         |                    |         |
| 11,400.00                   | 6,909.55       | 7,500.00       | 6,990.53       | 131.24          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 7,276.45         | 7,168.77           | 107.67            | 67.578 |  |         |                    |         |
| 11,500.00                   | 6,908.64       | 7,500.00       | 6,990.53       | 133.98          | 120.97 | -95.00            | 654.05                 | 3,659.37        | 7,375.93         | 7,268.06           | 107.86            | 68.382 |  |         |                    |         |
| 11,600.00                   | 6,907.73       | 7,508.21       | 6,998.74       | 136.72          | 120.98 | -95.63            | 654.15                 | 3,659.22        | 7,475.42         | 7,367.36           | 108.06            | 69.179 |  |         |                    |         |
| 11,700.00                   | 6,906.81       | 7,508.81       | 6,999.33       | 139.47          | 120.98 | -95.67            | 654.16                 | 3,659.21        | 7,574.92         | 7,466.68           | 108.24            | 69.981 |  |         |                    |         |
| 11,800.00                   | 6,905.90       | 7,509.40       | 6,999.92       | 142.22          | 120.98 | -95.72            | 654.16                 | 3,659.20        | 7,674.44         | 7,566.02           | 108.42            | 70.782 |  |         |                    |         |
| 11,900.00                   | 6,904.99       | 7,509.99       | 7,000.51       | 144.97          | 120.99 | -95.76            | 654.17                 | 3,659.19        | 7,773.97         | 7,665.37           | 108.60            | 71.582 |  |         |                    |         |
| 12,000.00                   | 6,904.08       | 7,510.57       | 7,001.09       | 147.73          | 120.99 | -95.81            | 654.18                 | 3,659.18        | 7,873.52         | 7,764.74           | 108.78            | 72.382 |  |         |                    |         |
| 12,100.00                   | 6,903.17       | 7,511.15       | 7,001.67       | 150.49          | 120.99 | -95.85            | 654.19                 | 3,659.17        | 7,973.07         | 7,864.12           | 108.95            | 73.180 |  |         |                    |         |
| 12,200.00                   | 6,902.26       | 7,511.72       | 7,002.24       | 153.26          | 120.99 | -95.90            | 654.19                 | 3,659.16        | 8,072.64         | 7,963.51           | 109.12            | 73.977 |  |         |                    |         |
| 12,300.00                   | 6,901.34       | 7,512.29       | 7,002.81       | 156.02          | 120.99 | -95.94            | 654.20                 | 3,659.15        | 8,172.21         | 8,062.92           | 109.29            | 74.774 |  |         |                    |         |
| 12,400.00                   | 6,900.43       | 7,512.85       | 7,003.38       | 158.79          | 120.99 | -95.98            | 654.21                 | 3,659.14        | 8,271.80         | 8,162.34           | 109.46            | 75.569 |  |         |                    |         |
| 12,500.00                   | 6,899.52       | 7,513.41       | 7,003.94       | 161.56          | 120.99 | -96.03            | 654.21                 | 3,659.13        | 8,371.40         | 8,261.77           | 109.63            | 76.363 |  |         |                    |         |
| 12,600.00                   | 6,898.61       | 7,513.97       | 7,004.49       | 164.34          | 120.99 | -96.07            | 654.22                 | 3,659.12        | 8,471.00         | 8,361.21           | 109.79            | 77.157 |  |         |                    |         |
| 12,700.00                   | 6,897.70       | 7,514.52       | 7,005.04       | 167.11          | 120.99 | -96.11            | 654.23                 | 3,659.11        | 8,570.62         | 8,460.67           | 109.95            | 77.949 |  |         |                    |         |
| 12,800.00                   | 6,896.79       | 7,515.07       | 7,005.59       | 169.89          | 120.99 | -96.15            | 654.23                 | 3,659.10        | 8,670.24         | 8,560.13           | 110.11            | 78.740 |  |         |                    |         |
| 12,900.00                   | 6,895.87       | 7,515.61       | 7,006.13       | 172.67          | 120.99 | -96.19            | 654.24                 | 3,659.09        | 8,769.87         | 8,659.60           | 110.27            | 79.530 |  |         |                    |         |
| 13,000.00                   | 6,894.96       | 7,516.15       | 7,006.67       | 175.45          | 120.99 | -96.23            | 654.25                 | 3,659.08        | 8,869.51         | 8,759.09           | 110.43            | 80.320 |  |         |                    |         |
| 13,100.00                   | 6,894.05       | 7,516.68       | 7,007.20       | 178.23          | 120.99 | -96.27            | 654.25                 | 3,659.07        | 8,969.16         | 8,858.58           | 110.58            | 81.108 |  |         |                    |         |
| 13,200.00                   | 6,893.14       | 7,517.21       | 7,007.73       | 181.02          | 120.99 | -96.32            | 654.26                 | 3,659.06        | 9,068.82         | 8,958.08           | 110.74            | 81.894 |  |         |                    |         |
| 13,300.00                   | 6,892.23       | 7,517.74       | 7,008.26       | 183.80          | 120.99 | -96.36            | 654.27                 | 3,659.05        | 9,168.48         | 9,057.59           | 110.89            | 82.680 |  |         |                    |         |
| 13,400.00                   | 6,891.31       | 7,518.26       | 7,008.78       | 186.59          | 120.99 | -96.40            | 654.27                 | 3,659.04        | 9,268.15         | 9,157.11           | 111.04            | 83.465 |  |         |                    |         |
| 13,500.00                   | 6,890.40       | 7,518.78       | 7,009.30       | 189.38          | 120.99 | -96.43            | 654.28                 | 3,659.03        | 9,367.83         | 9,256.64           | 111.19            | 84.248 |  |         |                    |         |
| 13,600.00                   | 6,889.49       | 7,519.29       | 7,009.81       | 192.17          | 121.00 | -96.47            | 654.29                 | 3,659.02        | 9,467.52         | 9,356.17           | 111.34            | 85.030 |  |         |                    |         |
| 13,700.00                   | 6,888.58       | 7,519.80       | 7,010.32       | 194.97          | 121.00 | -96.51            | 654.29                 | 3,659.01        | 9,567.21         | 9,455.72           | 111.49            | 85.812 |  |         |                    |         |
| 13,800.00                   | 6,887.67       | 7,520.30       | 7,010.83       | 197.76          | 121.00 | -96.55            | 654.30                 | 3,659.01        | 9,666.90         | 9,555.27           | 111.64            | 86.591 |  |         |                    |         |
| 13,900.00                   | 6,886.76       | 7,520.81       | 7,011.33       | 200.56          | 121.00 | -96.59            | 654.30                 | 3,659.00        | 9,766.61         | 9,654.82           | 111.78            | 87.370 |  |         |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| <b>Offset Design</b> Boomerang 21-5 - SRC Northridge #11-4D - OH - OH |                        |                        |                        |                   |                |                          |   |               |                         |                          |                            | <b>Offset Site Error:</b> | 0.00 ft |
|---|------------------------|------------------------|------------------------|-------------------|----------------|--------------------------|---|---------------|-------------------------|--------------------------|----------------------------|---------------------------|---------|
| Survey Program: 100-GYRO-NS   |                        |                        |                        |                   |                |                          |   |               |                         |                          |                            | <b>Offset Well Error:</b> | 3.28 ft |
| Reference   |                        | Offset                 |                        | Semi Major Axis   |                |                          | Distance                                |               |                         |                          |                            |                           |         |
| Measured Depth<br>(ft)  | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between Centres<br>(ft) | Between Ellipses<br>(ft) | Minimum Separation<br>(ft) | Separation Factor         | Warning |
| 14,000.00   | 6,885.84               | 7,521.31               | 7,011.83               | 203.35            | 121.00         | -96.63                   | 654.31                                  | 3,658.99      | 9,866.32                | 9,754.39                 | 111.93                     | 88.147                    |         |
| 14,100.00   | 6,884.93               | 7,521.80               | 7,012.32               | 206.15            | 121.00         | -96.67                   | 654.32                                  | 3,658.98      | 9,966.03                | 9,853.96                 | 112.07                     | 88.924                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                        | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 97.62                 | -746.54                           | 5,582.95   | 5,632.86             |                       |                         |                   |                    |         |
| 100.00                      | 100.00              | 1,414.10            | 1,397.23            | 3.28            | 9.52        | 97.33                 | -696.25                           | 5,411.85   | 5,620.31             | 5,609.73              | 10.58                   | 531.190           |                    |         |
| 200.00                      | 200.00              | 1,928.95            | 1,892.58            | 3.34            | 14.89       | 97.53                 | -696.58                           | 5,272.36   | 5,596.39             | 5,583.43              | 12.96                   | 431.970           |                    |         |
| 300.00                      | 300.00              | 2,244.69            | 2,189.88            | 3.44            | 19.72       | 97.74                 | -702.42                           | 5,166.34   | 5,563.05             | 5,548.43              | 14.62                   | 380.434           |                    |         |
| 400.00                      | 399.98              | 2,300.00            | 2,241.76            | 3.60            | 20.66       | 68.33                 | -702.00                           | 5,147.17   | 5,527.94             | 5,512.95              | 14.99                   | 368.797           |                    |         |
| 500.00                      | 499.84              | 2,343.26            | 2,282.47            | 3.81            | 21.32       | 69.08                 | -701.18                           | 5,132.58   | 5,492.37             | 5,477.04              | 15.33                   | 358.244           |                    |         |
| 550.00                      | 549.68              | 2,367.66            | 2,305.49            | 3.93            | 21.70       | 69.47                 | -700.55                           | 5,124.49   | 5,474.43             | 5,458.89              | 15.53                   | 352.429           |                    |         |
| 600.00                      | 599.45              | 2,951.97            | 2,846.72            | 4.06            | 33.23       | 68.35                 | -683.13                           | 4,906.85   | 5,455.44             | 5,436.86              | 18.59                   | 293.519           |                    |         |
| 700.00                      | 698.71              | 700.00              | 2,931.19            | 4.33            | 23.76       | 66.53                 | -680.38                           | 4,867.89   | 5,409.08             | 5,399.55              | 9.53                    | 567.375           |                    |         |
| 800.00                      | 797.49              | 3,138.92            | 3,016.16            | 4.64            | 37.94       | 65.95                 | -676.89                           | 4,828.13   | 5,360.53             | 5,340.54              | 19.99                   | 268.130           |                    |         |
| 900.00                      | 895.68              | 3,172.31            | 3,046.47            | 4.97            | 38.77       | 65.87                 | -675.65                           | 4,814.18   | 5,311.02             | 5,290.59              | 20.43                   | 259.914           |                    |         |
| 1,000.00                    | 993.14              | 3,200.00            | 3,071.71            | 5.33            | 39.46       | 66.15                 | -674.67                           | 4,802.83   | 5,260.90             | 5,240.02              | 20.88                   | 251.927           |                    |         |
| 1,039.84                    | 1,031.75            | 3,200.00            | 3,071.71            | 5.48            | 39.46       | 66.29                 | -674.67                           | 4,802.83   | 5,240.84             | 5,219.82              | 21.02                   | 249.340           |                    |         |
| 1,100.00                    | 1,089.94            | 3,237.07            | 3,105.64            | 5.72            | 40.27       | 66.42                 | -673.35                           | 4,787.97   | 5,210.48             | 5,189.07              | 21.41                   | 243.388           |                    |         |
| 1,200.00                    | 1,186.67            | 3,269.30            | 3,135.29            | 6.13            | 40.97       | 66.53                 | -672.09                           | 4,775.38   | 5,160.87             | 5,138.94              | 21.93                   | 235.289           |                    |         |
| 1,300.00                    | 1,283.39            | 3,300.00            | 3,163.64            | 6.55            | 41.64       | 66.64                 | -670.82                           | 4,763.68   | 5,112.21             | 5,089.73              | 22.48                   | 227.383           |                    |         |
| 1,400.00                    | 1,380.12            | 3,345.41            | 3,205.73            | 6.99            | 42.52       | 66.81                 | -669.37                           | 4,746.68   | 5,064.42             | 5,041.28              | 23.14                   | 218.902           |                    |         |
| 1,500.00                    | 1,476.85            | 3,400.00            | 3,256.45            | 7.45            | 43.58       | 67.02                 | -668.97                           | 4,726.52   | 5,017.47             | 4,993.61              | 23.86                   | 210.276           |                    |         |
| 1,600.00                    | 1,573.57            | 3,400.00            | 3,256.45            | 7.90            | 43.58       | 67.02                 | -668.97                           | 4,726.52   | 4,971.51             | 4,947.17              | 24.34                   | 204.255           |                    |         |
| 1,700.00                    | 1,670.30            | 3,441.17            | 3,294.92            | 8.37            | 44.27       | 67.19                 | -669.30                           | 4,711.84   | 4,926.54             | 4,901.49              | 25.05                   | 196.643           |                    |         |
| 1,800.00                    | 1,767.03            | 3,465.53            | 3,317.81            | 8.85            | 44.67       | 67.29                 | -669.55                           | 4,703.52   | 4,882.89             | 4,857.19              | 25.70                   | 189.997           |                    |         |
| 1,900.00                    | 1,863.75            | 3,500.00            | 3,350.37            | 9.32            | 45.24       | 67.44                 | -670.00                           | 4,692.24   | 4,840.51             | 4,814.10              | 26.42                   | 183.225           |                    |         |
| 2,000.00                    | 1,960.48            | 3,500.00            | 3,350.37            | 9.81            | 45.24       | 67.44                 | -670.00                           | 4,692.24   | 4,799.42             | 4,772.45              | 26.97                   | 177.951           |                    |         |
| 2,100.00                    | 2,057.21            | 3,536.06            | 3,384.69            | 10.29           | 45.67       | 67.58                 | -670.17                           | 4,681.18   | 4,759.54             | 4,731.84              | 27.70                   | 171.824           |                    |         |
| 2,200.00                    | 2,153.93            | 3,559.15            | 3,406.82            | 10.78           | 45.94       | 67.67                 | -669.92                           | 4,674.56   | 4,721.10             | 4,692.71              | 28.38                   | 166.339           |                    |         |
| 2,300.00                    | 2,250.66            | 3,600.00            | 3,446.19            | 11.28           | 46.42       | 67.82                 | -668.77                           | 4,663.77   | 4,684.15             | 4,654.99              | 29.15                   | 160.666           |                    |         |
| 2,400.00                    | 2,347.39            | 4,199.68            | 4,014.89            | 11.77           | 54.97       | 70.19                 | -652.77                           | 4,476.91   | 4,647.57             | 4,615.23              | 32.35                   | 143.680           |                    |         |
| 2,500.00                    | 2,444.11            | 4,200.00            | 4,015.19            | 12.27           | 54.98       | 70.19                 | -652.77                           | 4,476.78   | 4,602.33             | 4,569.32              | 33.01                   | 139.437           |                    |         |
| 2,600.00                    | 2,540.84            | 4,257.73            | 4,068.93            | 12.77           | 56.01       | 70.45                 | -652.26                           | 4,455.71   | 4,557.77             | 4,523.81              | 33.96                   | 134.206           |                    |         |
| 2,700.00                    | 2,637.57            | 4,300.00            | 4,108.60            | 13.27           | 56.77       | 70.65                 | -651.85                           | 4,441.13   | 4,514.75             | 4,479.89              | 34.86                   | 129.521           |                    |         |
| 2,800.00                    | 2,734.30            | 4,392.12            | 4,195.17            | 13.78           | 58.30       | 71.08                 | -651.26                           | 4,409.64   | 4,472.46             | 4,436.45              | 36.01                   | 124.203           |                    |         |
| 2,900.00                    | 2,831.02            | 4,566.36            | 4,357.78            | 14.28           | 61.46       | 71.94                 | -651.69                           | 4,347.08   | 4,428.95             | 4,391.28              | 37.66                   | 117.591           |                    |         |
| 3,000.00                    | 2,927.75            | 4,767.29            | 4,543.48            | 14.79           | 65.59       | 73.00                 | -652.50                           | 4,270.36   | 4,383.68             | 4,344.12              | 39.57                   | 110.789           |                    |         |
| 3,100.00                    | 3,024.48            | 4,840.74            | 4,611.03            | 15.29           | 67.16       | 73.40                 | -652.22                           | 4,241.51   | 4,337.66             | 4,296.87              | 40.79                   | 106.348           |                    |         |
| 3,200.00                    | 3,121.20            | 4,900.00            | 4,665.71            | 15.80           | 68.42       | 73.71                 | -651.71                           | 4,218.68   | 4,292.39             | 4,250.44              | 41.95                   | 102.326           |                    |         |
| 3,300.00                    | 3,217.93            | 4,984.60            | 4,743.90            | 16.31           | 70.17       | 74.17                 | -650.72                           | 4,186.38   | 4,247.59             | 4,204.34              | 43.25                   | 98.199            |                    |         |
| 3,400.00                    | 3,314.66            | 5,092.26            | 4,843.18            | 16.82           | 72.45       | 74.77                 | -649.95                           | 4,144.75   | 4,202.74             | 4,157.99              | 44.75                   | 93.921            |                    |         |
| 3,500.00                    | 3,411.38            | 5,240.42            | 4,978.87            | 17.33           | 75.82       | 75.64                 | -649.52                           | 4,085.27   | 4,156.76             | 4,110.18              | 46.58                   | 89.242            |                    |         |
| 3,600.00                    | 3,508.11            | 5,300.00            | 5,033.36            | 17.84           | 77.21       | 76.00                 | -649.48                           | 4,061.17   | 4,111.08             | 4,063.16              | 47.92                   | 85.784            |                    |         |
| 3,700.00                    | 3,604.84            | 5,300.00            | 5,033.36            | 18.36           | 77.21       | 76.00                 | -649.48                           | 4,061.17   | 4,066.78             | 4,017.87              | 48.91                   | 83.141            |                    |         |
| 3,800.00                    | 3,701.56            | 5,344.10            | 5,073.99            | 18.87           | 78.07       | 76.27                 | -649.65                           | 4,044.03   | 4,023.56             | 3,973.37              | 50.19                   | 80.170            |                    |         |
| 3,900.00                    | 3,798.29            | 5,400.00            | 5,126.23            | 19.38           | 79.16       | 76.61                 | -650.11                           | 4,024.14   | 3,982.71             | 3,931.15              | 51.56                   | 77.245            |                    |         |
| 4,000.00                    | 3,895.02            | 5,400.00            | 5,126.23            | 19.89           | 79.16       | 76.61                 | -650.11                           | 4,024.14   | 3,942.46             | 3,889.87              | 52.60                   | 74.957            |                    |         |
| 4,100.00                    | 3,991.74            | 5,400.00            | 5,126.23            | 20.41           | 79.16       | 76.61                 | -650.11                           | 4,024.14   | 3,904.36             | 3,850.73              | 53.63                   | 72.796            |                    |         |
| 4,200.00                    | 4,088.47            | 5,452.80            | 5,176.11            | 20.92           | 79.92       | 76.92                 | -650.66                           | 4,006.86   | 3,867.59             | 3,812.61              | 54.98                   | 70.344            |                    |         |
| 4,300.00                    | 4,185.20            | 5,500.00            | 5,221.01            | 21.44           | 80.60       | 77.21                 | -651.13                           | 3,992.30   | 3,832.41             | 3,776.10              | 56.31                   | 68.056            |                    |         |
| 4,400.00                    | 4,281.92            | 5,537.02            | 5,256.37            | 21.95           | 81.04       | 77.43                 | -651.48                           | 3,981.33   | 3,798.54             | 3,740.97              | 57.57                   | 65.977            |                    |         |
| 4,500.00                    | 4,378.65            | 5,600.00            | 5,316.68            | 22.47           | 81.80       | 77.80                 | -652.07                           | 3,963.20   | 3,765.84             | 3,706.85              | 58.99                   | 63.840            |                    |         |
| 4,600.00                    | 4,475.38            | 5,677.42            | 5,390.87            | 22.99           | 82.71       | 78.27                 | -653.23                           | 3,941.12   | 3,733.90             | 3,673.39              | 60.51                   | 61.704            |                    |         |
| 4,700.00                    | 4,572.10            | 5,782.88            | 5,491.76            | 23.50           | 83.97       | 78.93                 | -655.50                           | 3,910.49   | 3,702.12             | 3,639.87              | 62.25                   | 59.469            |                    |         |
| 4,800.00                    | 4,668.83            | 5,847.56            | 5,553.66            | 24.02           | 84.73       | 79.34                 | -656.60                           | 3,891.76   | 3,670.64             | 3,606.88              | 63.77                   | 57.565            |                    |         |
| 4,900.00                    | 4,765.56            | 5,900.00            | 5,603.98            | 24.53           | 85.34       | 79.67                 | -657.48                           | 3,877.03   | 3,640.26             | 3,575.04              | 65.22                   | 55.814            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                    | 4,862.28            | 5,950.34            | 5,652.45            | 25.05           | 85.84       | 79.99                 | -658.25                           | 3,863.46   | 3,611.14             | 3,544.50              | 66.64                   | 54.187            |                    |         |
| 5,100.00                    | 4,959.01            | 6,000.00            | 5,700.46            | 25.57           | 86.34       | 80.29                 | -658.88                           | 3,850.79   | 3,583.41             | 3,515.34              | 68.07                   | 52.645            |                    |         |
| 5,200.00                    | 5,055.74            | 6,037.04            | 5,736.41            | 26.09           | 86.62       | 80.52                 | -659.26                           | 3,841.88   | 3,557.17             | 3,487.78              | 69.39                   | 51.264            |                    |         |
| 5,300.00                    | 5,152.46            | 6,100.00            | 5,797.83            | 26.60           | 87.11       | 80.89                 | -659.72                           | 3,828.08   | 3,532.76             | 3,461.93              | 70.83                   | 49.880            |                    |         |
| 5,400.00                    | 5,249.19            | 6,100.00            | 5,797.83            | 27.12           | 87.11       | 80.89                 | -659.72                           | 3,828.08   | 3,509.72             | 3,437.76              | 71.97                   | 48.768            |                    |         |
| 5,500.00                    | 5,345.92            | 6,140.39            | 5,837.48            | 27.64           | 87.32       | 81.13                 | -659.94                           | 3,820.33   | 3,488.66             | 3,415.42              | 73.24                   | 47.635            |                    |         |
| 5,600.00                    | 5,442.65            | 6,200.00            | 5,896.34            | 28.16           | 87.62       | 81.46                 | -660.28                           | 3,810.97   | 3,470.06             | 3,395.50              | 74.56                   | 46.539            |                    |         |
| 5,700.00                    | 5,539.37            | 6,200.00            | 5,896.34            | 28.68           | 87.62       | 81.46                 | -660.28                           | 3,810.97   | 3,452.63             | 3,376.98              | 75.65                   | 45.641            |                    |         |
| 5,800.00                    | 5,636.10            | 6,238.22            | 5,934.25            | 29.20           | 87.73       | 81.66                 | -660.46                           | 3,806.10   | 3,437.51             | 3,360.69              | 76.82                   | 44.748            |                    |         |
| 5,900.00                    | 5,732.83            | 6,300.00            | 5,995.69            | 29.71           | 87.90       | 81.97                 | -660.59                           | 3,799.74   | 3,424.32             | 3,346.27              | 78.05                   | 43.876            |                    |         |
| 6,000.00                    | 5,829.55            | 6,323.92            | 6,019.53            | 30.23           | 87.95       | 82.09                 | -660.60                           | 3,797.71   | 3,412.53             | 3,333.41              | 79.12                   | 43.131            |                    |         |
| 6,100.00                    | 5,926.28            | 6,376.58            | 6,072.05            | 30.75           | 88.05       | 82.35                 | -660.59                           | 3,793.82   | 3,402.39             | 3,322.13              | 80.26                   | 42.395            |                    |         |
| 6,200.00                    | 6,023.01            | 6,432.23            | 6,127.60            | 31.27           | 88.15       | 82.61                 | -660.52                           | 3,790.54   | 3,393.65             | 3,312.28              | 81.38                   | 41.704            |                    |         |
| 6,300.00                    | 6,119.73            | 6,500.00            | 6,195.30            | 31.79           | 88.26       | 82.92                 | -660.30                           | 3,787.59   | 3,386.25             | 3,303.74              | 82.51                   | 41.041            |                    |         |
| 6,397.75                    | 6,214.28            | 6,573.27            | 6,268.53            | 32.30           | 88.36       | 83.25                 | -659.74                           | 3,785.21   | 3,379.91             | 3,296.30              | 83.61                   | 40.422            |                    |         |
| 6,400.00                    | 6,216.46            | 6,575.31            | 6,270.56            | 32.31           | 88.36       | 83.84                 | -659.71                           | 3,785.15   | 3,379.77             | 3,296.13              | 83.64                   | 40.408            |                    |         |
| 6,443.97                    | 6,259.23            | 6,611.50            | 6,306.75            | 32.53           | 88.41       | 97.74                 | -659.27                           | 3,784.14   | 3,378.45             | 3,294.33              | 84.12                   | 40.164 CC         |                    |         |
| 6,450.00                    | 6,265.12            | 6,615.64            | 6,310.88            | 32.56           | 88.42       | 100.02                | -659.22                           | 3,784.03   | 3,378.47             | 3,294.29              | 84.18                   | 40.135 ES         |                    |         |
| 6,500.00                    | 6,314.12            | 6,650.07            | 6,345.30            | 32.78           | 88.47       | 121.68                | -658.77                           | 3,783.25   | 3,380.63             | 3,296.00              | 84.64                   | 39.943            |                    |         |
| 6,550.00                    | 6,363.16            | 6,684.60            | 6,379.82            | 32.99           | 88.51       | 144.31                | -658.31                           | 3,782.65   | 3,386.25             | 3,301.22              | 85.03                   | 39.825            |                    |         |
| 6,600.00                    | 6,411.94            | 6,720.63            | 6,415.85            | 33.18           | 88.56       | 162.38                | -657.83                           | 3,782.20   | 3,395.26             | 3,309.90              | 85.36                   | 39.774 SF         |                    |         |
| 6,650.00                    | 6,460.15            | 6,757.57            | 6,452.78            | 33.35           | 88.61       | 175.06                | -657.38                           | 3,781.87   | 3,407.58             | 3,321.93              | 85.64                   | 39.788            |                    |         |
| 6,700.00                    | 6,507.49            | 6,793.80            | 6,489.00            | 33.52           | 88.66       | -176.07               | -656.98                           | 3,781.66   | 3,423.09             | 3,337.22              | 85.87                   | 39.863            |                    |         |
| 6,750.00                    | 6,553.69            | 6,830.78            | 6,525.99            | 33.69           | 88.71       | -169.51               | -656.65                           | 3,781.52   | 3,441.70             | 3,355.65              | 86.05                   | 39.996            |                    |         |
| 6,800.00                    | 6,598.44            | 6,866.92            | 6,562.13            | 33.85           | 88.76       | -164.33               | -656.48                           | 3,781.41   | 3,463.26             | 3,377.07              | 86.19                   | 40.183            |                    |         |
| 6,850.00                    | 6,641.47            | 6,902.95            | 6,598.15            | 34.02           | 88.81       | -159.93               | -656.47                           | 3,781.30   | 3,487.63             | 3,401.35              | 86.28                   | 40.420            |                    |         |
| 6,900.00                    | 6,682.53            | 6,963.25            | 6,658.46            | 34.19           | 88.89       | -156.09               | -656.54                           | 3,780.92   | 3,514.49             | 3,428.06              | 86.43                   | 40.662            |                    |         |
| 6,950.00                    | 6,721.35            | 7,014.40            | 6,709.60            | 34.38           | 88.96       | -152.45               | -656.60                           | 3,780.31   | 3,543.58             | 3,457.06              | 86.52                   | 40.959            |                    |         |
| 7,000.00                    | 6,757.70            | 7,051.81            | 6,747.00            | 34.57           | 89.01       | -148.78               | -656.63                           | 3,779.81   | 3,574.89             | 3,488.36              | 86.52                   | 41.318            |                    |         |
| 7,050.00                    | 6,791.35            | 7,086.51            | 6,781.71            | 34.79           | 89.06       | -145.00               | -656.64                           | 3,779.35   | 3,608.29             | 3,521.80              | 86.49                   | 41.719            |                    |         |
| 7,100.00                    | 6,822.10            | 7,113.95            | 6,809.14            | 35.03           | 89.10       | -140.93               | -656.65                           | 3,779.00   | 3,643.62             | 3,557.21              | 86.41                   | 42.167            |                    |         |
| 7,150.00                    | 6,849.75            | 7,135.73            | 6,830.91            | 35.30           | 89.13       | -136.46               | -656.68                           | 3,778.74   | 3,680.71             | 3,594.42              | 86.29                   | 42.656            |                    |         |
| 7,200.00                    | 6,874.14            | 7,154.91            | 6,850.10            | 35.61           | 89.16       | -131.51               | -656.73                           | 3,778.54   | 3,719.36             | 3,633.22              | 86.14                   | 43.177            |                    |         |
| 7,250.00                    | 6,895.11            | 7,171.40            | 6,866.58            | 35.95           | 89.18       | -126.01               | -656.78                           | 3,778.38   | 3,759.33             | 3,673.36              | 85.97                   | 43.727            |                    |         |
| 7,300.00                    | 6,912.54            | 7,185.10            | 6,880.29            | 36.34           | 89.20       | -119.91               | -656.84                           | 3,778.27   | 3,800.39             | 3,714.61              | 85.79                   | 44.301            |                    |         |
| 7,350.00                    | 6,926.31            | 7,195.95            | 6,891.14            | 36.77           | 89.21       | -113.24               | -656.89                           | 3,778.19   | 3,842.28             | 3,756.70              | 85.58                   | 44.896            |                    |         |
| 7,400.00                    | 6,936.35            | 7,204.71            | 6,899.89            | 37.25           | 89.23       | -106.12               | -656.94                           | 3,778.12   | 3,884.77             | 3,799.40              | 85.37                   | 45.506            |                    |         |
| 7,450.00                    | 6,942.59            | 7,210.78            | 6,905.96            | 37.76           | 89.23       | -98.72                | -656.97                           | 3,778.08   | 3,927.58             | 3,842.43              | 85.15                   | 46.127            |                    |         |
| 7,500.00                    | 6,944.99            | 7,213.31            | 6,908.49            | 38.31           | 89.24       | -91.29                | -656.99                           | 3,778.06   | 3,970.48             | 3,885.56              | 84.92                   | 46.758            |                    |         |
| 7,512.10                    | 6,945.00            | 7,213.39            | 6,908.57            | 38.44           | 89.24       | -89.51                | -656.99                           | 3,778.06   | 3,980.84             | 3,895.98              | 84.86                   | 46.912            |                    |         |
| 7,600.00                    | 6,944.19            | 7,213.22            | 6,908.40            | 39.51           | 89.24       | -89.51                | -656.99                           | 3,778.06   | 4,056.33             | 3,971.86              | 84.47                   | 48.021            |                    |         |
| 7,700.00                    | 6,943.28            | 7,213.02            | 6,908.21            | 40.90           | 89.24       | -89.50                | -656.99                           | 3,778.07   | 4,142.82             | 4,058.73              | 84.09                   | 49.268            |                    |         |
| 7,800.00                    | 6,942.37            | 7,212.83            | 6,908.01            | 42.44           | 89.24       | -89.50                | -656.98                           | 3,778.07   | 4,229.89             | 4,146.13              | 83.76                   | 50.500            |                    |         |
| 7,900.00                    | 6,941.46            | 7,212.64            | 6,907.82            | 44.11           | 89.24       | -89.49                | -656.98                           | 3,778.07   | 4,317.53             | 4,234.05              | 83.48                   | 51.718            |                    |         |
| 8,000.00                    | 6,940.55            | 7,212.44            | 6,907.63            | 45.90           | 89.24       | -89.49                | -656.98                           | 3,778.07   | 4,405.70             | 4,322.45              | 83.25                   | 52.922            |                    |         |
| 8,100.00                    | 6,939.64            | 7,212.25            | 6,907.44            | 47.80           | 89.24       | -89.48                | -656.98                           | 3,778.07   | 4,494.36             | 4,411.30              | 83.05                   | 54.114            |                    |         |
| 8,200.00                    | 6,938.72            | 7,212.07            | 6,907.25            | 49.79           | 89.24       | -89.48                | -656.98                           | 3,778.07   | 4,583.48             | 4,500.59              | 82.89                   | 55.293            |                    |         |
| 8,300.00                    | 6,937.81            | 7,211.88            | 6,907.06            | 51.86           | 89.24       | -89.47                | -656.98                           | 3,778.07   | 4,673.05             | 4,590.29              | 82.77                   | 56.461            |                    |         |
| 8,400.00                    | 6,936.90            | 7,211.69            | 6,906.87            | 54.01           | 89.24       | -89.47                | -656.98                           | 3,778.07   | 4,763.03             | 4,680.37              | 82.66                   | 57.619            |                    |         |
| 8,500.00                    | 6,935.99            | 7,211.50            | 6,906.69            | 56.21           | 89.24       | -89.46                | -656.98                           | 3,778.08   | 4,853.41             | 4,770.82              | 82.59                   | 58.766            |                    |         |
| 8,600.00                    | 6,935.08            | 7,211.32            | 6,906.50            | 58.47           | 89.24       | -89.46                | -656.98                           | 3,778.08   | 4,944.15             | 4,861.62              | 82.53                   | 59.904            |                    |         |
| 8,700.00                    | 6,934.17            | 7,211.13            | 6,906.32            | 60.78           | 89.23       | -89.45                | -656.98                           | 3,778.08   | 5,035.25             | 4,952.75              | 82.50                   | 61.033            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                    | 6,933.25            | 7,210.95            | 6,906.13            | 63.13           | 89.23       | -89.45                | -656.97                           | 3,778.08   | 5,126.68             | 5,044.19              | 82.48                   | 62.153            |                    |         |
| 8,900.00                    | 6,932.34            | 7,210.77            | 6,905.95            | 65.52           | 89.23       | -89.44                | -656.97                           | 3,778.08   | 5,218.42             | 5,135.93              | 82.48                   | 63.266            |                    |         |
| 9,000.00                    | 6,931.43            | 7,210.58            | 6,905.77            | 67.95           | 89.23       | -89.44                | -656.97                           | 3,778.08   | 5,310.46             | 5,227.96              | 82.50                   | 64.371            |                    |         |
| 9,100.00                    | 6,930.52            | 7,210.40            | 6,905.59            | 70.40           | 89.23       | -89.43                | -656.97                           | 3,778.08   | 5,402.78             | 5,320.26              | 82.52                   | 65.470            |                    |         |
| 9,200.00                    | 6,929.61            | 7,210.22            | 6,905.41            | 72.89           | 89.23       | -89.43                | -656.97                           | 3,778.08   | 5,495.37             | 5,412.81              | 82.56                   | 66.561            |                    |         |
| 9,300.00                    | 6,928.69            | 7,210.04            | 6,905.23            | 75.40           | 89.23       | -89.42                | -656.97                           | 3,778.09   | 5,588.22             | 5,505.61              | 82.61                   | 67.647            |                    |         |
| 9,400.00                    | 6,927.78            | 7,209.87            | 6,905.05            | 77.93           | 89.23       | -89.42                | -656.97                           | 3,778.09   | 5,681.31             | 5,598.64              | 82.67                   | 68.726            |                    |         |
| 9,500.00                    | 6,926.87            | 7,209.69            | 6,904.87            | 80.48           | 89.23       | -89.41                | -656.97                           | 3,778.09   | 5,774.63             | 5,691.90              | 82.73                   | 69.800            |                    |         |
| 9,600.00                    | 6,925.96            | 7,209.51            | 6,904.70            | 83.05           | 89.23       | -89.41                | -656.97                           | 3,778.09   | 5,868.17             | 5,785.37              | 82.80                   | 70.869            |                    |         |
| 9,700.00                    | 6,925.05            | 7,209.34            | 6,904.52            | 85.64           | 89.23       | -89.40                | -656.97                           | 3,778.09   | 5,961.92             | 5,879.04              | 82.88                   | 71.933            |                    |         |
| 9,800.00                    | 6,924.14            | 7,209.16            | 6,904.35            | 88.25           | 89.23       | -89.40                | -656.96                           | 3,778.09   | 6,055.87             | 5,972.91              | 82.97                   | 72.992            |                    |         |
| 9,900.00                    | 6,923.22            | 7,208.99            | 6,904.17            | 90.86           | 89.23       | -89.39                | -656.96                           | 3,778.09   | 6,150.01             | 6,066.96              | 83.06                   | 74.046            |                    |         |
| 10,000.00                   | 6,922.31            | 7,208.82            | 6,904.00            | 93.50           | 89.23       | -89.39                | -656.96                           | 3,778.09   | 6,244.34             | 6,161.19              | 83.15                   | 75.096            |                    |         |
| 10,100.00                   | 6,921.40            | 7,208.64            | 6,903.83            | 96.14           | 89.23       | -89.38                | -656.96                           | 3,778.10   | 6,338.84             | 6,255.59              | 83.25                   | 76.142            |                    |         |
| 10,200.00                   | 6,920.49            | 7,208.47            | 6,903.66            | 98.79           | 89.23       | -89.38                | -656.96                           | 3,778.10   | 6,433.50             | 6,350.15              | 83.35                   | 77.184            |                    |         |
| 10,300.00                   | 6,919.58            | 7,208.30            | 6,903.49            | 101.45          | 89.23       | -89.37                | -656.96                           | 3,778.10   | 6,528.32             | 6,444.86              | 83.46                   | 78.222            |                    |         |
| 10,400.00                   | 6,918.67            | 7,208.13            | 6,903.32            | 104.13          | 89.23       | -89.37                | -656.96                           | 3,778.10   | 6,623.30             | 6,539.73              | 83.57                   | 79.256            |                    |         |
| 10,500.00                   | 6,917.75            | 7,207.96            | 6,903.15            | 106.81          | 89.23       | -89.36                | -656.96                           | 3,778.10   | 6,718.42             | 6,634.74              | 83.68                   | 80.287            |                    |         |
| 10,600.00                   | 6,916.84            | 7,207.79            | 6,902.98            | 109.50          | 89.23       | -89.36                | -656.96                           | 3,778.10   | 6,813.68             | 6,729.89              | 83.79                   | 81.314            |                    |         |
| 10,700.00                   | 6,915.93            | 7,207.63            | 6,902.81            | 112.19          | 89.23       | -89.35                | -656.96                           | 3,778.10   | 6,909.07             | 6,825.16              | 83.91                   | 82.339            |                    |         |
| 10,800.00                   | 6,915.02            | 7,207.46            | 6,902.65            | 114.90          | 89.23       | -89.35                | -656.96                           | 3,778.10   | 7,004.60             | 6,920.57              | 84.03                   | 83.360            |                    |         |
| 10,900.00                   | 6,914.11            | 7,207.29            | 6,902.48            | 117.61          | 89.23       | -89.34                | -656.95                           | 3,778.10   | 7,100.24             | 7,016.10              | 84.15                   | 84.378            |                    |         |
| 11,000.00                   | 6,913.20            | 7,207.13            | 6,902.32            | 120.32          | 89.23       | -89.34                | -656.95                           | 3,778.11   | 7,196.01             | 7,111.74              | 84.27                   | 85.393            |                    |         |
| 11,100.00                   | 6,912.28            | 7,206.97            | 6,902.15            | 123.04          | 89.23       | -89.33                | -656.95                           | 3,778.11   | 7,291.89             | 7,207.50              | 84.39                   | 86.405            |                    |         |
| 11,200.00                   | 6,911.37            | 7,206.80            | 6,901.99            | 125.77          | 89.23       | -89.33                | -656.95                           | 3,778.11   | 7,387.88             | 7,303.36              | 84.52                   | 87.414            |                    |         |
| 11,300.00                   | 6,910.46            | 7,206.64            | 6,901.82            | 128.50          | 89.23       | -89.33                | -656.95                           | 3,778.11   | 7,483.97             | 7,399.33              | 84.64                   | 88.421            |                    |         |
| 11,400.00                   | 6,909.55            | 7,206.48            | 6,901.66            | 131.24          | 89.23       | -89.32                | -656.95                           | 3,778.11   | 7,580.16             | 7,495.40              | 84.77                   | 89.425            |                    |         |
| 11,500.00                   | 6,908.64            | 7,206.32            | 6,901.50            | 133.98          | 89.23       | -89.32                | -656.95                           | 3,778.11   | 7,676.45             | 7,591.56              | 84.89                   | 90.426            |                    |         |
| 11,600.00                   | 6,907.73            | 7,206.16            | 6,901.34            | 136.72          | 89.23       | -89.31                | -656.95                           | 3,778.11   | 7,772.84             | 7,687.82              | 85.02                   | 91.425            |                    |         |
| 11,700.00                   | 6,906.81            | 7,206.00            | 6,901.18            | 139.47          | 89.23       | -89.31                | -656.95                           | 3,778.11   | 7,869.31             | 7,784.17              | 85.15                   | 92.422            |                    |         |
| 11,800.00                   | 6,905.90            | 7,205.84            | 6,901.02            | 142.22          | 89.23       | -89.30                | -656.95                           | 3,778.11   | 7,965.88             | 7,880.60              | 85.27                   | 93.416            |                    |         |
| 11,900.00                   | 6,904.99            | 7,205.68            | 6,900.87            | 144.97          | 89.23       | -89.30                | -656.95                           | 3,778.12   | 8,062.52             | 7,977.12              | 85.40                   | 94.407            |                    |         |
| 12,000.00                   | 6,904.08            | 7,205.52            | 6,900.71            | 147.73          | 89.23       | -89.29                | -656.95                           | 3,778.12   | 8,159.25             | 8,073.72              | 85.53                   | 95.397            |                    |         |
| 12,100.00                   | 6,903.17            | 7,205.37            | 6,900.55            | 150.49          | 89.23       | -89.29                | -656.94                           | 3,778.12   | 8,256.05             | 8,170.39              | 85.66                   | 96.384            |                    |         |
| 12,200.00                   | 6,902.26            | 7,205.21            | 6,900.40            | 153.26          | 89.23       | -89.29                | -656.94                           | 3,778.12   | 8,352.93             | 8,267.15              | 85.79                   | 97.369            |                    |         |
| 12,300.00                   | 6,901.34            | 7,205.05            | 6,900.24            | 156.02          | 89.23       | -89.28                | -656.94                           | 3,778.12   | 8,449.89             | 8,363.97              | 85.92                   | 98.352            |                    |         |
| 12,400.00                   | 6,900.43            | 7,204.90            | 6,900.09            | 158.79          | 89.23       | -89.28                | -656.94                           | 3,778.12   | 8,546.91             | 8,460.86              | 86.04                   | 99.332            |                    |         |
| 12,500.00                   | 6,899.52            | 7,204.75            | 6,899.93            | 161.56          | 89.23       | -89.27                | -656.94                           | 3,778.12   | 8,644.00             | 8,557.83              | 86.17                   | 100.311           |                    |         |
| 12,600.00                   | 6,898.61            | 7,204.59            | 6,899.78            | 164.34          | 89.23       | -89.27                | -656.94                           | 3,778.12   | 8,741.16             | 8,654.85              | 86.30                   | 101.287           |                    |         |
| 12,700.00                   | 6,897.70            | 7,204.44            | 6,899.63            | 167.11          | 89.23       | -89.26                | -656.94                           | 3,778.12   | 8,838.37             | 8,751.95              | 86.43                   | 102.262           |                    |         |
| 12,800.00                   | 6,896.79            | 7,204.29            | 6,899.47            | 169.89          | 89.23       | -89.26                | -656.94                           | 3,778.13   | 8,935.66             | 8,849.10              | 86.56                   | 103.234           |                    |         |
| 12,900.00                   | 6,895.87            | 7,204.14            | 6,899.32            | 172.67          | 89.23       | -89.26                | -656.94                           | 3,778.13   | 9,033.00             | 8,946.31              | 86.69                   | 104.204           |                    |         |
| 13,000.00                   | 6,894.96            | 7,203.99            | 6,899.17            | 175.45          | 89.22       | -89.25                | -656.94                           | 3,778.13   | 9,130.39             | 9,043.58              | 86.81                   | 105.173           |                    |         |
| 13,100.00                   | 6,894.05            | 7,203.84            | 6,899.02            | 178.23          | 89.22       | -89.25                | -656.94                           | 3,778.13   | 9,227.85             | 9,140.91              | 86.94                   | 106.139           |                    |         |
| 13,200.00                   | 6,893.14            | 7,203.69            | 6,898.87            | 181.02          | 89.22       | -89.24                | -656.94                           | 3,778.13   | 9,325.36             | 9,238.29              | 87.07                   | 107.104           |                    |         |
| 13,300.00                   | 6,892.23            | 7,203.54            | 6,898.73            | 183.80          | 89.22       | -89.24                | -656.93                           | 3,778.13   | 9,422.92             | 9,335.72              | 87.20                   | 108.066           |                    |         |
| 13,400.00                   | 6,891.31            | 7,203.39            | 6,898.58            | 186.59          | 89.22       | -89.23                | -656.93                           | 3,778.13   | 9,520.53             | 9,433.20              | 87.32                   | 109.027           |                    |         |
| 13,500.00                   | 6,890.40            | 7,203.25            | 6,898.43            | 189.38          | 89.22       | -89.23                | -656.93                           | 3,778.13   | 9,618.19             | 9,530.74              | 87.45                   | 109.986           |                    |         |
| 13,600.00                   | 6,889.49            | 7,203.10            | 6,898.29            | 192.17          | 89.22       | -89.23                | -656.93                           | 3,778.13   | 9,715.89             | 9,628.32              | 87.58                   | 110.943           |                    |         |
| 13,700.00                   | 6,888.58            | 7,202.95            | 6,898.14            | 194.97          | 89.22       | -89.22                | -656.93                           | 3,778.13   | 9,813.65             | 9,725.94              | 87.70                   | 111.898           |                    |         |
| 13,800.00                   | 6,887.67            | 7,202.81            | 6,898.00            | 197.76          | 89.22       | -89.22                | -656.93                           | 3,778.14   | 9,911.44             | 9,823.62              | 87.83                   | 112.851           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                        | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 97.28                 | -715.21                           | 5,594.91   | 5,640.66             |                       |                         |                   |                    |         |
| 100.00                      | 100.00              | 40.43               | 40.43               | 3.28            | 3.28        | 97.28                 | -715.09                           | 5,594.96   | 5,640.48             | 5,633.92              | 6.57                    | 859.049           |                    |         |
| 200.00                      | 200.00              | 611.75              | 609.49              | 3.34            | 4.51        | 96.90                 | -675.66                           | 5,579.60   | 5,639.11             | 5,631.32              | 7.79                    | 723.678           |                    |         |
| 300.00                      | 300.00              | 725.97              | 722.13              | 3.44            | 5.07        | 96.74                 | -658.26                           | 5,572.27   | 5,630.84             | 5,622.44              | 8.40                    | 670.145           |                    |         |
| 400.00                      | 399.98              | 1,317.69            | 1,292.69            | 3.60            | 9.56        | 65.56                 | -517.60                           | 5,512.54   | 5,615.74             | 5,603.09              | 12.65                   | 443.930           |                    |         |
| 500.00                      | 499.84              | 1,431.11            | 1,399.43            | 3.81            | 10.68       | 65.62                 | -482.35                           | 5,497.43   | 5,596.73             | 5,582.89              | 13.84                   | 404.280           |                    |         |
| 550.00                      | 549.68              | 1,486.33            | 1,451.46            | 3.93            | 11.22       | 65.68                 | -465.45                           | 5,489.90   | 5,586.62             | 5,572.19              | 14.43                   | 387.114           |                    |         |
| 600.00                      | 599.45              | 1,528.23            | 1,490.98            | 4.06            | 11.61       | 63.47                 | -452.77                           | 5,484.15   | 5,576.06             | 5,561.16              | 14.90                   | 374.242           |                    |         |
| 700.00                      | 698.71              | 1,604.16            | 1,562.79            | 4.33            | 12.31       | 60.81                 | -430.31                           | 5,473.86   | 5,553.68             | 5,537.89              | 15.78                   | 351.871           |                    |         |
| 800.00                      | 797.49              | 1,693.81            | 1,647.79            | 4.64            | 13.09       | 59.34                 | -404.51                           | 5,461.82   | 5,529.48             | 5,512.70              | 16.78                   | 329.585           |                    |         |
| 900.00                      | 895.68              | 1,756.37            | 1,707.27            | 4.97            | 13.61       | 58.55                 | -386.94                           | 5,453.58   | 5,503.57             | 5,486.01              | 17.56                   | 313.385           |                    |         |
| 1,000.00                    | 993.14              | 1,817.80            | 1,765.83            | 5.33            | 14.11       | 58.13                 | -370.09                           | 5,445.83   | 5,476.25             | 5,457.90              | 18.35                   | 298.375           |                    |         |
| 1,039.84                    | 1,031.75            | 1,843.09            | 1,789.98            | 5.48            | 14.31       | 58.04                 | -363.24                           | 5,442.73   | 5,464.97             | 5,446.30              | 18.68                   | 292.614           |                    |         |
| 1,100.00                    | 1,089.94            | 1,881.31            | 1,826.50            | 5.72            | 14.60       | 58.03                 | -352.96                           | 5,438.16   | 5,447.88             | 5,428.71              | 19.16                   | 284.274           |                    |         |
| 1,200.00                    | 1,186.67            | 1,981.74            | 1,922.65            | 6.13            | 15.35       | 57.99                 | -326.48                           | 5,426.31   | 5,419.68             | 5,399.45              | 20.23                   | 267.955           |                    |         |
| 1,300.00                    | 1,283.39            | 2,092.67            | 2,028.96            | 6.55            | 16.16       | 57.95                 | -297.82                           | 5,412.84   | 5,391.21             | 5,369.85              | 21.36                   | 252.386           |                    |         |
| 1,400.00                    | 1,380.12            | 2,140.00            | 2,140.70            | 6.99            | 11.02       | 57.90                 | -267.41                           | 5,398.11   | 5,362.23             | 5,345.12              | 17.11                   | 313.457           |                    |         |
| 1,500.00                    | 1,476.85            | 2,268.98            | 2,197.73            | 7.45            | 17.48       | 57.88                 | -251.89                           | 5,390.69   | 5,333.48             | 5,310.10              | 23.38                   | 228.132           |                    |         |
| 1,600.00                    | 1,573.57            | 2,331.20            | 2,257.43            | 7.90            | 17.92       | 57.86                 | -235.90                           | 5,383.46   | 5,305.52             | 5,281.29              | 24.23                   | 219.007           |                    |         |
| 1,700.00                    | 1,670.30            | 2,416.50            | 2,339.25            | 8.37            | 18.53       | 57.83                 | -213.73                           | 5,373.95   | 5,277.99             | 5,252.76              | 25.23                   | 209.231           |                    |         |
| 1,800.00                    | 1,767.03            | 2,576.71            | 2,492.33            | 8.85            | 19.72       | 57.75                 | -170.34                           | 5,355.22   | 5,249.78             | 5,223.02              | 26.76                   | 196.215           |                    |         |
| 1,900.00                    | 1,863.75            | 2,741.63            | 2,648.96            | 9.32            | 21.06       | 57.63                 | -123.11                           | 5,334.44   | 5,220.64             | 5,192.23              | 28.41                   | 183.738           |                    |         |
| 2,000.00                    | 1,960.48            | 2,844.90            | 2,746.23            | 9.81            | 21.97       | 57.53                 | -91.37                            | 5,320.48   | 5,190.29             | 5,160.59              | 29.69                   | 174.792           |                    |         |
| 2,100.00                    | 2,057.21            | 2,901.97            | 2,800.12            | 10.29           | 22.47       | 57.48                 | -74.10                            | 5,313.09   | 5,160.57             | 5,129.94              | 30.63                   | 168.488           |                    |         |
| 2,200.00                    | 2,153.93            | 3,017.26            | 2,909.45            | 10.78           | 23.43       | 57.39                 | -40.69                            | 5,298.20   | 5,131.05             | 5,099.10              | 31.96                   | 160.562           |                    |         |
| 2,300.00                    | 2,250.66            | 3,100.00            | 2,987.74            | 11.28           | 24.12       | 57.32                 | -16.29                            | 5,287.17   | 5,101.13             | 5,068.07              | 33.07                   | 154.267           |                    |         |
| 2,400.00                    | 2,347.39            | 3,164.12            | 3,048.53            | 11.77           | 24.64       | 57.27                 | 2.33                              | 5,278.87   | 5,071.70             | 5,037.68              | 34.02                   | 149.067           |                    |         |
| 2,500.00                    | 2,444.11            | 3,218.18            | 3,100.21            | 12.27           | 25.05       | 57.24                 | 16.81                             | 5,272.38   | 5,043.27             | 5,008.37              | 34.90                   | 144.509           |                    |         |
| 2,600.00                    | 2,540.84            | 3,302.49            | 3,181.00            | 12.77           | 25.65       | 57.21                 | 38.83                             | 5,262.57   | 5,015.29             | 4,979.36              | 35.93                   | 139.568           |                    |         |
| 2,700.00                    | 2,637.57            | 3,420.50            | 3,294.08            | 13.27           | 26.48       | 57.15                 | 69.46                             | 5,248.43   | 4,986.97             | 4,949.80              | 37.17                   | 134.176           |                    |         |
| 2,800.00                    | 2,734.30            | 3,473.62            | 3,345.14            | 13.78           | 26.84       | 57.14                 | 82.72                             | 5,242.24   | 4,959.09             | 4,921.08              | 38.00                   | 130.488           |                    |         |
| 2,900.00                    | 2,831.02            | 3,603.65            | 3,470.67            | 14.28           | 27.68       | 57.12                 | 113.21                            | 5,227.35   | 4,931.66             | 4,892.43              | 39.23                   | 125.698           |                    |         |
| 3,000.00                    | 2,927.75            | 3,658.31            | 3,523.50            | 14.79           | 28.02       | 57.12                 | 125.69                            | 5,220.97   | 4,903.97             | 4,863.91              | 40.06                   | 122.426           |                    |         |
| 3,100.00                    | 3,024.48            | 3,747.90            | 3,610.11            | 15.29           | 28.58       | 57.11                 | 146.41                            | 5,211.16   | 4,876.94             | 4,835.88              | 41.07                   | 118.753           |                    |         |
| 3,200.00                    | 3,121.20            | 4,032.91            | 3,881.12            | 15.80           | 30.85       | 56.91                 | 226.07                            | 5,174.12   | 4,846.67             | 4,803.20              | 43.47                   | 111.490           |                    |         |
| 3,300.00                    | 3,217.93            | 4,100.00            | 3,943.96            | 16.31           | 31.47       | 56.82                 | 247.58                            | 5,164.71   | 4,815.88             | 4,771.32              | 44.56                   | 108.073           |                    |         |
| 3,400.00                    | 3,314.66            | 4,169.34            | 4,009.11            | 16.82           | 32.09       | 56.74                 | 269.37                            | 5,155.31   | 4,785.63             | 4,739.99              | 45.64                   | 104.850           |                    |         |
| 3,500.00                    | 3,411.38            | 4,222.31            | 4,059.22            | 17.33           | 32.53       | 56.69                 | 285.17                            | 5,148.54   | 4,756.23             | 4,709.64              | 46.59                   | 102.095           |                    |         |
| 3,600.00                    | 3,508.11            | 4,272.09            | 4,106.50            | 17.84           | 32.92       | 56.64                 | 299.58                            | 5,142.59   | 4,727.74             | 4,680.25              | 47.48                   | 99.567            |                    |         |
| 3,700.00                    | 3,604.84            | 4,366.62            | 4,196.41            | 18.36           | 33.65       | 56.56                 | 326.75                            | 5,132.01   | 4,699.98             | 4,651.32              | 48.66                   | 96.579            |                    |         |
| 3,800.00                    | 3,701.56            | 4,525.88            | 4,347.09            | 18.87           | 34.94       | 56.39                 | 374.65                            | 5,112.87   | 4,671.30             | 4,621.00              | 50.30                   | 92.862            |                    |         |
| 3,900.00                    | 3,798.29            | 4,644.09            | 4,458.61            | 19.38           | 35.95       | 56.26                 | 410.77                            | 5,097.63   | 4,641.77             | 4,590.05              | 51.72                   | 89.749            |                    |         |
| 4,000.00                    | 3,895.02            | 4,786.97            | 4,592.39            | 19.89           | 37.26       | 56.06                 | 457.17                            | 5,078.60   | 4,611.73             | 4,558.36              | 53.37                   | 86.411            |                    |         |
| 4,100.00                    | 3,991.74            | 4,889.05            | 4,688.51            | 20.41           | 38.17       | 55.94                 | 488.29                            | 5,064.03   | 4,580.91             | 4,526.21              | 54.70                   | 83.752            |                    |         |
| 4,200.00                    | 4,088.47            | 4,951.30            | 4,747.30            | 20.92           | 38.71       | 55.88                 | 506.80                            | 5,055.27   | 4,550.38             | 4,494.65              | 55.73                   | 81.652            |                    |         |
| 4,300.00                    | 4,185.20            | 5,010.68            | 4,803.51            | 21.44           | 39.21       | 55.81                 | 524.23                            | 5,047.37   | 4,520.64             | 4,463.90              | 56.74                   | 79.678            |                    |         |
| 4,400.00                    | 4,281.92            | 5,076.45            | 4,865.87            | 21.95           | 39.74       | 55.75                 | 543.44                            | 5,039.09   | 4,491.58             | 4,433.82              | 57.77                   | 77.754            |                    |         |
| 4,500.00                    | 4,378.65            | 5,142.07            | 4,928.23            | 22.47           | 40.23       | 55.68                 | 562.26                            | 5,031.22   | 4,463.17             | 4,404.40              | 58.77                   | 75.943            |                    |         |
| 4,600.00                    | 4,475.38            | 5,200.00            | 4,983.64            | 22.99           | 40.66       | 55.64                 | 577.78                            | 5,024.55   | 4,435.43             | 4,375.71              | 59.71                   | 74.278            |                    |         |
| 4,700.00                    | 4,572.10            | 5,244.76            | 5,026.77            | 23.50           | 40.92       | 55.63                 | 588.76                            | 5,019.77   | 4,408.67             | 4,348.15              | 60.52                   | 72.845            |                    |         |
| 4,800.00                    | 4,668.83            | 5,300.00            | 5,080.45            | 24.02           | 41.24       | 55.62                 | 600.72                            | 5,014.63   | 4,383.22             | 4,321.85              | 61.37                   | 71.424            |                    |         |
| 4,900.00                    | 4,765.56            | 5,328.19            | 5,108.01            | 24.53           | 41.37       | 55.63                 | 606.15                            | 5,012.31   | 4,358.88             | 4,296.83              | 62.05                   | 70.250            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                    | 4,862.28            | 5,372.96            | 5,151.99            | 25.05           | 41.56       | 55.66                 | 613.85                            | 5,009.01   | 4,335.77             | 4,273.00              | 62.77                   | 69.071            |                    |         |
| 5,100.00                    | 4,959.01            | 5,421.76            | 5,200.17            | 25.57           | 41.75       | 55.71                 | 620.97                            | 5,005.91   | 4,313.83             | 4,250.34              | 63.48                   | 67.952            |                    |         |
| 5,200.00                    | 5,055.74            | 5,476.54            | 5,254.45            | 26.09           | 41.93       | 55.77                 | 627.75                            | 5,002.90   | 4,292.90             | 4,228.72              | 64.18                   | 66.888            |                    |         |
| 5,300.00                    | 5,152.46            | 5,540.54            | 5,318.03            | 26.60           | 42.13       | 55.87                 | 634.32                            | 4,999.90   | 4,272.90             | 4,208.02              | 64.88                   | 65.857            |                    |         |
| 5,400.00                    | 5,249.19            | 5,610.50            | 5,387.65            | 27.12           | 42.33       | 55.99                 | 640.63                            | 4,997.01   | 4,253.58             | 4,187.99              | 65.58                   | 64.859            |                    |         |
| 5,500.00                    | 5,345.92            | 5,675.68            | 5,452.59            | 27.64           | 42.51       | 56.11                 | 645.68                            | 4,994.72   | 4,234.98             | 4,168.72              | 66.26                   | 63.916            |                    |         |
| 5,600.00                    | 5,442.65            | 5,739.76            | 5,516.51            | 28.16           | 42.68       | 56.24                 | 649.90                            | 4,992.90   | 4,217.17             | 4,150.25              | 66.92                   | 63.016            |                    |         |
| 5,700.00                    | 5,539.37            | 5,803.91            | 5,580.53            | 28.68           | 42.85       | 56.38                 | 653.57                            | 4,991.55   | 4,200.20             | 4,132.62              | 67.58                   | 62.152            |                    |         |
| 5,800.00                    | 5,636.10            | 5,880.47            | 5,657.01            | 29.20           | 43.04       | 56.56                 | 656.96                            | 4,990.35   | 4,183.90             | 4,115.65              | 68.25                   | 61.299            |                    |         |
| 5,900.00                    | 5,732.83            | 5,965.65            | 5,742.15            | 29.71           | 43.25       | 56.78                 | 659.26                            | 4,989.24   | 4,168.08             | 4,099.14              | 68.94                   | 60.457            |                    |         |
| 6,000.00                    | 5,829.55            | 6,056.41            | 5,832.89            | 30.23           | 43.47       | 57.04                 | 660.42                            | 4,988.12   | 4,152.55             | 4,082.91              | 69.64                   | 59.629            |                    |         |
| 6,100.00                    | 5,926.28            | 6,157.40            | 5,933.87            | 30.75           | 43.72       | 57.33                 | 661.37                            | 4,986.90   | 4,137.16             | 4,066.80              | 70.36                   | 58.799            |                    |         |
| 6,200.00                    | 6,023.01            | 6,264.69            | 6,041.15            | 31.27           | 43.99       | 57.64                 | 662.35                            | 4,985.36   | 4,121.65             | 4,050.55              | 71.10                   | 57.969            |                    |         |
| 6,300.00                    | 6,119.73            | 6,371.85            | 6,148.29            | 31.79           | 44.26       | 57.95                 | 663.28                            | 4,983.53   | 4,106.00             | 4,034.16              | 71.84                   | 57.152            |                    |         |
| 6,397.75                    | 6,214.28            | 6,477.73            | 6,254.15            | 32.30           | 44.53       | 58.27                 | 664.30                            | 4,981.46   | 4,090.55             | 4,017.98              | 72.58                   | 56.363            |                    |         |
| 6,400.00                    | 6,216.46            | 6,480.18            | 6,256.60            | 32.31           | 44.54       | 58.86                 | 664.33                            | 4,981.41   | 4,090.20             | 4,017.61              | 72.59                   | 56.345            |                    |         |
| 6,450.00                    | 6,265.12            | 6,526.93            | 6,303.33            | 32.56           | 44.66       | 74.98                 | 665.03                            | 4,980.45   | 4,084.35             | 4,011.40              | 72.95                   | 55.992            |                    |         |
| 6,498.90                    | 6,313.04            | 6,568.60            | 6,344.98            | 32.78           | 44.77       | 96.00                 | 665.76                            | 4,979.66   | 4,082.45             | 4,009.18              | 73.27                   | 55.719 CC         |                    |         |
| 6,500.00                    | 6,314.12            | 6,569.54            | 6,345.93            | 32.78           | 44.77       | 96.51                 | 665.78                            | 4,979.64   | 4,082.45             | 4,009.18              | 73.28                   | 55.713 ES         |                    |         |
| 6,550.00                    | 6,363.16            | 6,615.04            | 6,391.41            | 32.99           | 44.89       | 118.90                | 666.71                            | 4,978.87   | 4,084.52             | 4,010.92              | 73.60                   | 55.499            |                    |         |
| 6,600.00                    | 6,411.94            | 6,667.19            | 6,443.54            | 33.18           | 45.03       | 136.65                | 667.91                            | 4,977.99   | 4,080.45             | 4,016.54              | 73.91                   | 55.341            |                    |         |
| 6,650.00                    | 6,460.15            | 6,716.44            | 6,492.76            | 33.35           | 45.16       | 148.87                | 669.19                            | 4,977.14   | 4,100.19             | 4,025.98              | 74.21                   | 55.253            |                    |         |
| 6,700.00                    | 6,507.49            | 6,760.71            | 6,537.01            | 33.52           | 45.28       | 157.17                | 670.36                            | 4,976.41   | 4,113.72             | 4,039.24              | 74.47                   | 55.238 SF         |                    |         |
| 6,750.00                    | 6,553.69            | 6,804.28            | 6,580.56            | 33.69           | 45.40       | 163.03                | 671.52                            | 4,975.72   | 4,130.97             | 4,056.25              | 74.72                   | 55.286            |                    |         |
| 6,800.00                    | 6,598.44            | 6,849.78            | 6,626.04            | 33.85           | 45.52       | 167.39                | 672.73                            | 4,975.02   | 4,151.80             | 4,076.84              | 74.96                   | 55.387            |                    |         |
| 6,850.00                    | 6,641.47            | 6,893.61            | 6,669.85            | 34.02           | 45.64       | 170.81                | 673.91                            | 4,974.35   | 4,176.08             | 4,100.89              | 75.18                   | 55.545            |                    |         |
| 6,900.00                    | 6,682.53            | 6,952.14            | 6,728.34            | 34.19           | 45.80       | 173.66                | 675.59                            | 4,973.35   | 4,203.56             | 4,128.13              | 75.43                   | 55.726            |                    |         |
| 6,950.00                    | 6,721.35            | 7,011.04            | 6,787.20            | 34.38           | 45.96       | 176.13                | 677.54                            | 4,972.11   | 4,233.99             | 4,158.32              | 75.67                   | 55.951            |                    |         |
| 7,000.00                    | 6,757.70            | 7,067.71            | 6,843.81            | 34.57           | 46.12       | 178.40                | 679.70                            | 4,970.70   | 4,267.20             | 4,191.29              | 75.90                   | 56.221            |                    |         |
| 7,050.00                    | 6,791.35            | 7,115.56            | 6,891.60            | 34.79           | 46.26       | -179.40               | 681.74                            | 4,969.34   | 4,303.00             | 4,226.91              | 76.10                   | 56.547            |                    |         |
| 7,100.00                    | 6,822.10            | 7,152.16            | 6,928.14            | 35.03           | 46.37       | -177.14               | 683.47                            | 4,968.26   | 4,341.29             | 4,265.04              | 76.25                   | 56.932            |                    |         |
| 7,150.00                    | 6,849.75            | 7,185.33            | 6,961.25            | 35.30           | 46.47       | -174.66               | 685.18                            | 4,967.26   | 4,381.86             | 4,305.47              | 76.39                   | 57.358            |                    |         |
| 7,200.00                    | 6,874.14            | 7,214.85            | 6,990.72            | 35.61           | 46.55       | -171.77               | 686.81                            | 4,966.36   | 4,424.48             | 4,347.96              | 76.52                   | 57.822            |                    |         |
| 7,250.00                    | 6,895.11            | 7,232.13            | 7,007.95            | 35.95           | 46.61       | -168.12               | 687.81                            | 4,965.85   | 4,468.92             | 4,392.31              | 76.60                   | 58.337            |                    |         |
| 7,300.00                    | 6,912.54            | 7,249.19            | 7,024.98            | 36.34           | 46.66       | -163.30               | 688.83                            | 4,965.36   | 4,514.89             | 4,438.21              | 76.68                   | 58.877            |                    |         |
| 7,350.00                    | 6,926.31            | 7,262.89            | 7,038.65            | 36.77           | 46.70       | -156.44               | 689.68                            | 4,964.97   | 4,562.12             | 4,485.37              | 76.75                   | 59.442            |                    |         |
| 7,400.00                    | 6,936.35            | 7,273.16            | 7,048.90            | 37.25           | 46.73       | -146.00               | 690.33                            | 4,964.68   | 4,610.32             | 4,533.52              | 76.80                   | 60.029            |                    |         |
| 7,450.00                    | 6,942.59            | 7,279.95            | 7,055.67            | 37.76           | 46.75       | -129.53               | 690.77                            | 4,964.50   | 4,659.18             | 4,582.34              | 76.84                   | 60.632            |                    |         |
| 7,500.00                    | 6,944.99            | 7,283.24            | 7,058.95            | 38.31           | 46.76       | -105.53               | 690.98                            | 4,964.41   | 4,708.41             | 4,631.54              | 76.88                   | 61.247            |                    |         |
| 7,512.10                    | 6,945.00            | 7,283.51            | 7,059.21            | 38.44           | 46.76       | -99.03                | 691.00                            | 4,964.40   | 4,720.35             | 4,643.46              | 76.88                   | 61.397            |                    |         |
| 7,600.00                    | 6,944.19            | 7,284.70            | 7,060.41            | 39.51           | 46.76       | -99.12                | 691.07                            | 4,964.37   | 4,807.07             | 4,730.14              | 76.93                   | 62.486            |                    |         |
| 7,700.00                    | 6,943.28            | 7,286.05            | 7,061.75            | 40.90           | 46.77       | -99.22                | 691.16                            | 4,964.33   | 4,905.79             | 4,828.80              | 76.99                   | 63.722            |                    |         |
| 7,800.00                    | 6,942.37            | 7,287.39            | 7,063.09            | 42.44           | 46.77       | -99.31                | 691.25                            | 4,964.29   | 5,004.55             | 4,927.50              | 77.05                   | 64.954            |                    |         |
| 7,900.00                    | 6,941.46            | 7,288.72            | 7,064.41            | 44.11           | 46.77       | -99.41                | 691.34                            | 4,964.26   | 5,103.36             | 5,026.25              | 77.11                   | 66.183            |                    |         |
| 8,000.00                    | 6,940.55            | 7,290.04            | 7,065.73            | 45.90           | 46.78       | -99.51                | 691.42                            | 4,964.22   | 5,202.22             | 5,125.05              | 77.17                   | 67.408            |                    |         |
| 8,100.00                    | 6,939.64            | 7,291.35            | 7,067.03            | 47.80           | 46.78       | -99.61                | 691.51                            | 4,964.19   | 5,301.12             | 5,223.88              | 77.24                   | 68.631            |                    |         |
| 8,200.00                    | 6,938.72            | 7,292.65            | 7,068.33            | 49.79           | 46.79       | -99.70                | 691.60                            | 4,964.15   | 5,400.06             | 5,322.75              | 77.31                   | 69.850            |                    |         |
| 8,300.00                    | 6,937.81            | 7,293.93            | 7,069.61            | 51.86           | 46.79       | -99.80                | 691.68                            | 4,964.12   | 5,499.04             | 5,421.66              | 77.38                   | 71.066            |                    |         |
| 8,400.00                    | 6,936.90            | 7,295.21            | 7,070.89            | 54.01           | 46.79       | -99.89                | 691.77                            | 4,964.08   | 5,598.06             | 5,520.61              | 77.45                   | 72.279            |                    |         |
| 8,500.00                    | 6,935.99            | 7,296.48            | 7,072.16            | 56.21           | 46.80       | -99.98                | 691.85                            | 4,964.05   | 5,697.11             | 5,619.58              | 77.52                   | 73.489            |                    |         |
| 8,600.00                    | 6,935.08            | 7,297.74            | 7,073.41            | 58.47           | 46.80       | -100.07               | 691.94                            | 4,964.01   | 5,796.19             | 5,718.59              | 77.60                   | 74.697            |                    |         |
| 8,700.00                    | 6,934.17            | 7,298.99            | 7,074.66            | 60.78           | 46.81       | -100.17               | 692.02                            | 4,963.98   | 5,895.30             | 5,817.63              | 77.67                   | 75.901            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                    | 6,933.25            | 7,300.23            | 7,075.90            | 63.13           | 46.81       | -100.26               | 692.10                            | 4,963.95   | 5,994.44             | 5,916.69              | 77.75                   | 77.103            |                    |         |
| 8,900.00                    | 6,932.34            | 7,300.00            | 7,075.66            | 65.52           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 6,093.61             | 6,015.79              | 77.82                   | 78.306            |                    |         |
| 9,000.00                    | 6,931.43            | 7,300.00            | 7,075.66            | 67.95           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 6,192.80             | 6,114.91              | 77.89                   | 79.505            |                    |         |
| 9,100.00                    | 6,930.52            | 7,300.00            | 7,075.66            | 70.40           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 6,292.03             | 6,214.06              | 77.97                   | 80.702            |                    |         |
| 9,200.00                    | 6,929.61            | 7,300.00            | 7,075.66            | 72.89           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 6,391.27             | 6,313.23              | 78.04                   | 81.897            |                    |         |
| 9,300.00                    | 6,928.69            | 7,300.00            | 7,075.66            | 75.40           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 6,490.54             | 6,412.42              | 78.12                   | 83.089            |                    |         |
| 9,400.00                    | 6,927.78            | 7,300.00            | 7,075.66            | 77.93           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 6,589.83             | 6,511.64              | 78.19                   | 84.278            |                    |         |
| 9,500.00                    | 6,926.87            | 7,300.00            | 7,075.66            | 80.48           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 6,689.14             | 6,610.87              | 78.27                   | 85.465            |                    |         |
| 9,600.00                    | 6,925.96            | 7,300.00            | 7,075.66            | 83.05           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 6,788.47             | 6,710.13              | 78.34                   | 86.649            |                    |         |
| 9,700.00                    | 6,925.05            | 7,300.00            | 7,075.66            | 85.64           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 6,887.82             | 6,809.40              | 78.42                   | 87.831            |                    |         |
| 9,800.00                    | 6,924.14            | 7,300.00            | 7,075.66            | 88.25           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 6,987.19             | 6,908.70              | 78.50                   | 89.010            |                    |         |
| 9,900.00                    | 6,923.22            | 7,300.00            | 7,075.66            | 90.86           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 7,086.58             | 7,008.01              | 78.58                   | 90.187            |                    |         |
| 10,000.00                   | 6,922.31            | 7,300.00            | 7,075.66            | 93.50           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 7,185.99             | 7,107.33              | 78.65                   | 91.362            |                    |         |
| 10,100.00                   | 6,921.40            | 7,300.00            | 7,075.66            | 96.14           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 7,285.41             | 7,206.68              | 78.73                   | 92.534            |                    |         |
| 10,200.00                   | 6,920.49            | 7,300.00            | 7,075.66            | 98.79           | 46.81       | -100.24               | 692.09                            | 4,963.95   | 7,384.84             | 7,306.03              | 78.81                   | 93.704            |                    |         |
| 10,300.00                   | 6,919.58            | 7,300.00            | 7,075.66            | 101.45          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 7,484.30             | 7,405.41              | 78.89                   | 94.871            |                    |         |
| 10,400.00                   | 6,918.67            | 7,300.00            | 7,075.66            | 104.13          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 7,583.76             | 7,504.79              | 78.97                   | 96.035            |                    |         |
| 10,500.00                   | 6,917.75            | 7,300.00            | 7,075.66            | 106.81          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 7,683.24             | 7,604.19              | 79.05                   | 97.198            |                    |         |
| 10,600.00                   | 6,916.84            | 7,300.00            | 7,075.66            | 109.50          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 7,782.73             | 7,703.61              | 79.13                   | 98.358            |                    |         |
| 10,700.00                   | 6,915.93            | 7,300.00            | 7,075.66            | 112.19          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 7,882.24             | 7,803.03              | 79.21                   | 99.515            |                    |         |
| 10,800.00                   | 6,915.02            | 7,300.00            | 7,075.66            | 114.90          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 7,981.76             | 7,902.47              | 79.29                   | 100.670           |                    |         |
| 10,900.00                   | 6,914.11            | 7,300.00            | 7,075.66            | 117.61          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 8,081.29             | 8,001.92              | 79.37                   | 101.822           |                    |         |
| 11,000.00                   | 6,913.20            | 7,300.00            | 7,075.66            | 120.32          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 8,180.83             | 8,101.38              | 79.45                   | 102.972           |                    |         |
| 11,100.00                   | 6,912.28            | 7,300.00            | 7,075.66            | 123.04          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 8,280.38             | 8,200.86              | 79.53                   | 104.120           |                    |         |
| 11,200.00                   | 6,911.37            | 7,300.00            | 7,075.66            | 125.77          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 8,379.95             | 8,300.34              | 79.61                   | 105.264           |                    |         |
| 11,300.00                   | 6,910.46            | 7,300.00            | 7,075.66            | 128.50          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 8,479.52             | 8,399.83              | 79.69                   | 106.407           |                    |         |
| 11,400.00                   | 6,909.55            | 7,300.00            | 7,075.66            | 131.24          | 46.81       | -100.24               | 692.09                            | 4,963.95   | 8,579.10             | 8,499.33              | 79.77                   | 107.547           |                    |         |
| 11,500.00                   | 6,908.64            | 7,319.84            | 7,095.46            | 133.98          | 46.87       | -101.69               | 693.41                            | 4,963.45   | 8,678.65             | 8,598.76              | 79.89                   | 108.629           |                    |         |
| 11,600.00                   | 6,907.73            | 7,320.46            | 7,096.07            | 136.72          | 46.87       | -101.73               | 693.45                            | 4,963.43   | 8,778.25             | 8,698.28              | 79.98                   | 109.762           |                    |         |
| 11,700.00                   | 6,906.81            | 7,321.07            | 7,096.68            | 139.47          | 46.87       | -101.78               | 693.49                            | 4,963.42   | 8,877.86             | 8,797.80              | 80.06                   | 110.893           |                    |         |
| 11,800.00                   | 6,905.90            | 7,321.67            | 7,097.28            | 142.22          | 46.87       | -101.82               | 693.53                            | 4,963.40   | 8,977.48             | 8,897.34              | 80.14                   | 112.020           |                    |         |
| 11,900.00                   | 6,904.99            | 7,322.27            | 7,097.88            | 144.97          | 46.88       | -101.86               | 693.57                            | 4,963.39   | 9,077.10             | 8,996.88              | 80.22                   | 113.146           |                    |         |
| 12,000.00                   | 6,904.08            | 7,322.86            | 7,098.47            | 147.73          | 46.88       | -101.91               | 693.61                            | 4,963.37   | 9,176.74             | 9,096.43              | 80.31                   | 114.268           |                    |         |
| 12,100.00                   | 6,903.17            | 7,323.44            | 7,099.05            | 150.49          | 46.88       | -101.95               | 693.65                            | 4,963.36   | 9,276.38             | 9,195.99              | 80.39                   | 115.388           |                    |         |
| 12,200.00                   | 6,902.26            | 7,324.02            | 7,099.63            | 153.26          | 46.88       | -101.99               | 693.69                            | 4,963.34   | 9,376.03             | 9,295.55              | 80.48                   | 116.506           |                    |         |
| 12,300.00                   | 6,901.34            | 7,324.59            | 7,100.20            | 156.02          | 46.88       | -102.03               | 693.72                            | 4,963.33   | 9,475.68             | 9,395.12              | 80.56                   | 117.620           |                    |         |
| 12,400.00                   | 6,900.43            | 7,325.16            | 7,100.76            | 158.79          | 46.88       | -102.07               | 693.76                            | 4,963.32   | 9,575.35             | 9,494.70              | 80.65                   | 118.732           |                    |         |
| 12,500.00                   | 6,899.52            | 7,325.72            | 7,101.32            | 161.56          | 46.89       | -102.12               | 693.80                            | 4,963.30   | 9,675.02             | 9,594.29              | 80.73                   | 119.842           |                    |         |
| 12,600.00                   | 6,898.61            | 7,326.27            | 7,101.87            | 164.34          | 46.89       | -102.16               | 693.84                            | 4,963.29   | 9,774.70             | 9,693.88              | 80.82                   | 120.949           |                    |         |
| 12,700.00                   | 6,897.70            | 7,326.82            | 7,102.42            | 167.11          | 46.89       | -102.20               | 693.87                            | 4,963.28   | 9,874.38             | 9,793.48              | 80.90                   | 122.053           |                    |         |
| 12,800.00                   | 6,896.79            | 7,327.36            | 7,102.96            | 169.89          | 46.89       | -102.23               | 693.91                            | 4,963.27   | 9,974.07             | 9,893.08              | 80.99                   | 123.154           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 1304-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                     |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)           | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                          | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 97.74                 | -756.75                           | 5,571.26   | 5,622.64             |                       |                         |                   |                    |         |
| 100.00                        | 100.00              | 54.07               | 54.07               | 3.28            | 3.28        | 97.74                 | -756.73                           | 5,571.24   | 5,622.40             | 5,615.83              | 6.57                    | 856.180           |                    |         |
| 200.00                        | 200.00              | 162.22              | 162.22              | 3.34            | 3.30        | 97.73                 | -756.58                           | 5,571.10   | 5,622.26             | 5,615.62              | 6.64                    | 847.196           |                    |         |
| 300.00                        | 300.00              | 270.36              | 270.36              | 3.44            | 3.33        | 97.73                 | -756.28                           | 5,570.83   | 5,621.97             | 5,615.19              | 6.78                    | 829.425           |                    |         |
| 400.00                        | 399.98              | 378.49              | 378.48              | 3.60            | 3.38        | 67.63                 | -755.83                           | 5,570.42   | 5,620.87             | 5,613.88              | 6.99                    | 804.570           |                    |         |
| 500.00                        | 499.84              | 486.49              | 486.48              | 3.81            | 3.45        | 67.72                 | -755.23                           | 5,569.87   | 5,618.30             | 5,611.04              | 7.25                    | 774.545           |                    |         |
| 550.00                        | 549.68              | 540.40              | 540.39              | 3.93            | 3.49        | 67.79                 | -754.88                           | 5,569.54   | 5,616.46             | 5,609.05              | 7.41                    | 758.174           |                    |         |
| 600.00                        | 599.45              | 594.24              | 594.23              | 4.06            | 3.53        | 65.59                 | -754.49                           | 5,569.18   | 5,614.17             | 5,606.60              | 7.57                    | 741.200           |                    |         |
| 700.00                        | 698.71              | 701.62              | 701.60              | 4.33            | 3.62        | 62.92                 | -753.60                           | 5,568.36   | 5,607.97             | 5,600.02              | 7.94                    | 706.091           |                    |         |
| 800.00                        | 797.49              | 808.49              | 808.46              | 4.64            | 3.73        | 61.47                 | -752.56                           | 5,567.41   | 5,599.61             | 5,591.25              | 8.35                    | 670.381           |                    |         |
| 900.00                        | 895.68              | 914.72              | 914.68              | 4.97            | 3.85        | 60.66                 | -751.39                           | 5,566.33   | 5,589.12             | 5,580.32              | 8.80                    | 635.011           |                    |         |
| 1,000.00                      | 993.14              | 1,020.19            | 1,020.13            | 5.33            | 3.97        | 60.25                 | -750.08                           | 5,565.13   | 5,576.56             | 5,567.27              | 9.29                    | 600.569           |                    |         |
| 1,039.84                      | 1,031.75            | 1,061.97            | 1,061.91            | 5.48            | 4.03        | 60.17                 | -749.53                           | 5,564.62   | 5,570.98             | 5,561.49              | 9.49                    | 587.150           |                    |         |
| 1,100.00                      | 1,089.94            | 1,124.94            | 1,124.87            | 5.72            | 4.11        | 60.31                 | -748.65                           | 5,563.81   | 5,562.31             | 5,552.51              | 9.80                    | 567.577           |                    |         |
| 1,200.00                      | 1,186.67            | 1,229.62            | 1,229.53            | 6.13            | 4.25        | 60.53                 | -747.07                           | 5,562.35   | 5,547.84             | 5,537.50              | 10.34                   | 536.575           |                    |         |
| 1,300.00                      | 1,283.39            | 1,336.48            | 1,336.36            | 6.55            | 4.45        | 60.77                 | -745.32                           | 5,560.73   | 5,533.30             | 5,522.35              | 10.95                   | 505.224           |                    |         |
| 1,400.00                      | 1,380.12            | 1,434.95            | 1,434.80            | 6.99            | 4.75        | 60.98                 | -743.70                           | 5,559.05   | 5,518.66             | 5,506.98              | 11.68                   | 472.491           |                    |         |
| 1,500.00                      | 1,476.85            | 1,520.69            | 1,520.53            | 7.45            | 5.03        | 61.17                 | -742.63                           | 5,557.69   | 5,504.27             | 5,491.87              | 12.40                   | 444.049           |                    |         |
| 1,600.00                      | 1,573.57            | 1,638.65            | 1,638.46            | 7.90            | 5.44        | 61.44                 | -741.29                           | 5,555.79   | 5,489.98             | 5,476.74              | 13.24                   | 414.616           |                    |         |
| 1,700.00                      | 1,670.30            | 1,771.31            | 1,771.08            | 8.37            | 5.91        | 61.75                 | -740.50                           | 5,552.59   | 5,475.06             | 5,460.90              | 14.16                   | 386.619           |                    |         |
| 1,800.00                      | 1,767.03            | 1,852.68            | 1,852.42            | 8.85            | 6.21        | 61.94                 | -740.40                           | 5,550.44   | 5,460.11             | 5,445.19              | 14.92                   | 365.974           |                    |         |
| 1,900.00                      | 1,863.75            | 1,900.00            | 3,212.37            | 9.32            | 6.27        | 66.03                 | -759.46                           | 5,342.20   | 5,428.32             | 5,413.29              | 15.03                   | 361.247           |                    |         |
| 2,000.00                      | 1,960.48            | 3,319.72            | 3,294.67            | 9.81            | 12.53       | 66.32                 | -760.72                           | 5,319.14   | 5,391.41             | 5,370.03              | 21.38                   | 252.226           |                    |         |
| 2,100.00                      | 2,057.21            | 3,365.00            | 3,338.45            | 10.29           | 12.75       | 66.48                 | -761.13                           | 5,307.63   | 5,355.71             | 5,333.65              | 22.06                   | 242.771           |                    |         |
| 2,200.00                      | 2,153.93            | 3,385.71            | 3,358.53            | 10.78           | 12.86       | 66.55                 | -761.37                           | 5,302.57   | 5,320.98             | 5,298.32              | 22.66                   | 234.799           |                    |         |
| 2,300.00                      | 2,250.66            | 3,438.35            | 3,409.61            | 11.28           | 13.12       | 66.73                 | -762.37                           | 5,289.89   | 5,287.18             | 5,263.79              | 23.39                   | 226.044           |                    |         |
| 2,400.00                      | 2,347.39            | 3,729.25            | 3,690.42            | 11.77           | 14.59       | 67.83                 | -771.19                           | 5,214.58   | 5,252.09             | 5,227.07              | 25.02                   | 209.916           |                    |         |
| 2,500.00                      | 2,444.11            | 3,944.22            | 3,895.99            | 12.27           | 15.75       | 68.70                 | -779.60                           | 5,152.29   | 5,214.83             | 5,188.46              | 26.37                   | 197.738           |                    |         |
| 2,600.00                      | 2,540.84            | 4,028.06            | 3,975.84            | 12.77           | 16.21       | 69.05                 | -782.64                           | 5,126.93   | 5,176.38             | 5,149.14              | 27.25                   | 189.988           |                    |         |
| 2,700.00                      | 2,637.57            | 4,021.00            | 3,969.12            | 13.27           | 16.17       | 69.02                 | -782.39                           | 5,129.06   | 5,139.01             | 5,111.22              | 27.79                   | 184.922           |                    |         |
| 2,800.00                      | 2,734.30            | 4,075.95            | 4,021.66            | 13.78           | 16.47       | 69.25                 | -784.44                           | 5,113.10   | 5,102.35             | 5,073.79              | 28.57                   | 178.605           |                    |         |
| 2,900.00                      | 2,831.02            | 4,115.00            | 4,059.22            | 14.28           | 16.68       | 69.41                 | -786.03                           | 5,102.54   | 5,067.25             | 5,037.96              | 29.29                   | 172.992           |                    |         |
| 3,000.00                      | 2,927.75            | 4,115.00            | 4,059.22            | 14.79           | 16.68       | 69.41                 | -786.03                           | 5,102.54   | 5,033.40             | 5,003.52              | 29.87                   | 168.486           |                    |         |
| 3,100.00                      | 3,024.48            | 4,175.51            | 4,117.69            | 15.29           | 17.00       | 69.66                 | -788.50                           | 5,087.17   | 5,000.49             | 4,969.81              | 30.68                   | 162.971           |                    |         |
| 3,200.00                      | 3,121.20            | 4,208.00            | 4,149.19            | 15.80           | 17.17       | 69.80                 | -789.72                           | 5,079.31   | 4,968.78             | 4,937.39              | 31.39                   | 158.283           |                    |         |
| 3,300.00                      | 3,217.93            | 4,254.95            | 4,194.84            | 16.31           | 17.41       | 69.99                 | -791.45                           | 5,068.45   | 4,938.15             | 4,906.00              | 32.15                   | 153.576           |                    |         |
| 3,400.00                      | 3,314.66            | 4,302.00            | 4,240.71            | 16.82           | 17.65       | 70.18                 | -793.17                           | 5,058.13   | 4,908.66             | 4,875.74              | 32.92                   | 149.108           |                    |         |
| 3,500.00                      | 3,411.38            | 4,334.66            | 4,272.62            | 17.33           | 17.81       | 70.32                 | -794.33                           | 5,051.31   | 4,880.28             | 4,846.65              | 33.63                   | 145.108           |                    |         |
| 3,600.00                      | 3,508.11            | 4,396.00            | 4,332.75            | 17.84           | 18.11       | 70.56                 | -796.36                           | 5,039.33   | 4,853.18             | 4,818.73              | 34.45                   | 140.868           |                    |         |
| 3,700.00                      | 3,604.84            | 4,422.72            | 4,359.00            | 18.36           | 18.24       | 70.67                 | -797.17                           | 5,034.40   | 4,826.99             | 4,791.84              | 35.14                   | 137.357           |                    |         |
| 3,800.00                      | 3,701.56            | 4,490.00            | 4,425.18            | 18.87           | 18.57       | 70.93                 | -799.04                           | 5,022.42   | 4,801.80             | 4,765.81              | 35.98                   | 133.442           |                    |         |
| 3,900.00                      | 3,798.29            | 4,522.84            | 4,457.54            | 19.38           | 18.73       | 71.06                 | -799.87                           | 5,016.89   | 4,777.55             | 4,740.86              | 36.70                   | 130.194           |                    |         |
| 4,000.00                      | 3,895.02            | 4,583.00            | 4,516.97            | 19.89           | 19.01       | 71.29                 | -801.26                           | 5,007.63   | 4,754.66             | 4,717.15              | 37.51                   | 126.758           |                    |         |
| 4,100.00                      | 3,991.74            | 4,583.00            | 4,516.97            | 20.41           | 19.01       | 71.29                 | -801.26                           | 5,007.63   | 4,732.85             | 4,694.76              | 38.09                   | 124.247           |                    |         |
| 4,200.00                      | 4,088.47            | 4,630.09            | 4,563.62            | 20.92           | 19.23       | 71.46                 | -802.21                           | 5,001.31   | 4,712.39             | 4,673.54              | 38.85                   | 121.300           |                    |         |
| 4,300.00                      | 4,185.20            | 4,677.00            | 4,610.22            | 21.44           | 19.44       | 71.63                 | -803.04                           | 4,995.99   | 4,693.45             | 4,653.85              | 39.60                   | 118.510           |                    |         |
| 4,400.00                      | 4,281.92            | 4,708.08            | 4,641.14            | 21.95           | 19.58       | 71.75                 | -803.48                           | 4,992.88   | 4,675.73             | 4,635.44              | 40.29                   | 116.050           |                    |         |
| 4,500.00                      | 4,378.65            | 4,771.00            | 4,703.80            | 22.47           | 19.85       | 71.96                 | -803.93                           | 4,987.20   | 4,659.07             | 4,617.97              | 41.10                   | 113.361           |                    |         |
| 4,600.00                      | 4,475.38            | 4,810.50            | 4,743.18            | 22.99           | 20.02       | 72.09                 | -803.87                           | 4,984.15   | 4,643.42             | 4,601.61              | 41.81                   | 111.060           |                    |         |
| 4,700.00                      | 4,572.10            | 4,864.00            | 4,796.57            | 23.50           | 20.25       | 72.26                 | -803.30                           | 4,980.83   | 4,628.97             | 4,586.40              | 42.57                   | 108.730           |                    |         |
| 4,800.00                      | 4,668.83            | 4,901.69            | 4,834.21            | 24.02           | 20.40       | 72.38                 | -802.73                           | 4,978.98   | 4,615.67             | 4,572.40              | 43.27                   | 106.681           |                    |         |
| 4,900.00                      | 4,765.56            | 4,958.00            | 4,890.48            | 24.53           | 20.64       | 72.55                 | -802.01                           | 4,976.85   | 4,603.58             | 4,559.55              | 44.03                   | 104.555           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 1304-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                     |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)           | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                      | 4,862.28            | 5,004.15            | 4,936.61            | 25.05           | 20.83       | 72.69                 | -801.57                           | 4,975.53   | 4,592.54             | 4,547.79              | 44.75                   | 102.630           |                    |         |
| 5,100.00                      | 4,959.01            | 5,065.90            | 4,998.34            | 25.57           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,582.42             | 4,536.89              | 45.53                   | 100.649           |                    |         |
| 5,200.00                      | 5,055.74            | 5,065.90            | 4,998.34            | 26.09           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,573.80             | 4,527.76              | 46.04                   | 99.345            |                    |         |
| 5,300.00                      | 5,152.46            | 5,065.90            | 4,998.34            | 26.60           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,567.36             | 4,520.83              | 46.53                   | 98.156            |                    |         |
| 5,400.00                      | 5,249.19            | 5,065.90            | 4,998.34            | 27.12           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,563.10             | 4,516.09              | 47.00                   | 97.080            |                    |         |
| 5,500.00                      | 5,345.92            | 5,065.90            | 4,998.34            | 27.64           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,561.02             | 4,513.57              | 47.46                   | 96.112            |                    |         |
| 5,544.55                      | 5,389.01            | 5,065.90            | 4,998.34            | 27.87           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,560.81             | 4,513.16              | 47.65                   | 95.715 CC, ES     |                    |         |
| 5,600.00                      | 5,442.65            | 5,065.90            | 4,998.34            | 28.16           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,561.14             | 4,513.26              | 47.89                   | 95.250            |                    |         |
| 5,700.00                      | 5,539.37            | 5,065.90            | 4,998.34            | 28.68           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,563.45             | 4,515.16              | 48.29                   | 94.492            |                    |         |
| 5,800.00                      | 5,636.10            | 5,065.90            | 4,998.34            | 29.20           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,567.95             | 4,519.27              | 48.68                   | 93.834            |                    |         |
| 5,900.00                      | 5,732.83            | 5,065.90            | 4,998.34            | 29.71           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,574.64             | 4,525.59              | 49.05                   | 93.274            |                    |         |
| 6,000.00                      | 5,829.55            | 5,065.90            | 4,998.34            | 30.23           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,583.49             | 4,534.10              | 49.39                   | 92.809            |                    |         |
| 6,100.00                      | 5,926.28            | 5,065.90            | 4,998.34            | 30.75           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,594.50             | 4,544.80              | 49.70                   | 92.437            |                    |         |
| 6,200.00                      | 6,023.01            | 5,065.90            | 4,998.34            | 31.27           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,607.66             | 4,557.66              | 50.00                   | 92.156            |                    |         |
| 6,300.00                      | 6,119.73            | 5,065.90            | 4,998.34            | 31.79           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,622.95             | 4,572.68              | 50.27                   | 91.962            |                    |         |
| 6,397.75                      | 6,214.28            | 5,065.90            | 4,998.34            | 32.30           | 21.08       | 72.88                 | -801.19                           | 4,974.15   | 4,639.92             | 4,589.41              | 50.51                   | 91.855            |                    |         |
| 6,400.00                      | 6,216.46            | 5,065.90            | 4,998.34            | 32.31           | 21.08       | 73.49                 | -801.19                           | 4,974.15   | 4,640.34             | 4,589.82              | 50.52                   | 91.853 SF         |                    |         |
| 6,450.00                      | 6,265.12            | 5,065.90            | 4,998.34            | 32.56           | 21.08       | 89.99                 | -801.19                           | 4,974.15   | 4,651.73             | 4,601.10              | 50.63                   | 91.885            |                    |         |
| 6,500.00                      | 6,314.12            | 5,065.90            | 4,998.34            | 32.78           | 21.08       | 112.05                | -801.19                           | 4,974.15   | 4,667.06             | 4,616.35              | 50.71                   | 92.039            |                    |         |
| 6,550.00                      | 6,363.16            | 5,065.90            | 4,998.34            | 32.99           | 21.08       | 135.10                | -801.19                           | 4,974.15   | 4,686.20             | 4,635.44              | 50.76                   | 92.317            |                    |         |
| 6,600.00                      | 6,411.94            | 5,065.90            | 4,998.34            | 33.18           | 21.08       | 153.66                | -801.19                           | 4,974.15   | 4,708.99             | 4,658.20              | 50.79                   | 92.713            |                    |         |
| 6,650.00                      | 6,460.15            | 5,065.90            | 4,998.34            | 33.35           | 21.08       | 166.92                | -801.19                           | 4,974.15   | 4,735.24             | 4,684.44              | 50.80                   | 93.213            |                    |         |
| 6,700.00                      | 6,507.49            | 5,065.90            | 4,998.34            | 33.52           | 21.08       | 176.50                | -801.19                           | 4,974.15   | 4,764.72             | 4,713.93              | 50.80                   | 93.802            |                    |         |
| 6,750.00                      | 6,553.69            | 5,065.90            | 4,998.34            | 33.69           | 21.08       | -176.05               | -801.19                           | 4,974.15   | 4,797.21             | 4,746.43              | 50.78                   | 94.470            |                    |         |
| 6,800.00                      | 6,598.44            | 5,065.90            | 4,998.34            | 33.85           | 21.08       | -169.72               | -801.19                           | 4,974.15   | 4,832.43             | 4,781.68              | 50.76                   | 95.206            |                    |         |
| 6,850.00                      | 6,641.47            | 5,065.90            | 4,998.34            | 34.02           | 21.08       | -163.84               | -801.19                           | 4,974.15   | 4,870.13             | 4,819.40              | 50.73                   | 95.997            |                    |         |
| 6,900.00                      | 6,682.53            | 5,065.90            | 4,998.34            | 34.19           | 21.08       | -157.93               | -801.19                           | 4,974.15   | 4,910.00             | 4,859.29              | 50.70                   | 96.835            |                    |         |
| 6,950.00                      | 6,721.35            | 5,065.90            | 4,998.34            | 34.38           | 21.08       | -151.57               | -801.19                           | 4,974.15   | 4,951.76             | 4,901.08              | 50.68                   | 97.707            |                    |         |
| 7,000.00                      | 6,757.70            | 5,065.90            | 4,998.34            | 34.57           | 21.08       | -144.40               | -801.19                           | 4,974.15   | 4,995.10             | 4,944.44              | 50.66                   | 98.603            |                    |         |
| 7,050.00                      | 6,791.35            | 5,065.90            | 4,998.34            | 34.79           | 21.08       | -136.06               | -801.19                           | 4,974.15   | 5,039.72             | 4,989.07              | 50.64                   | 99.511            |                    |         |
| 7,100.00                      | 6,822.10            | 5,065.90            | 4,998.34            | 35.03           | 21.08       | -126.31               | -801.19                           | 4,974.15   | 5,085.31             | 5,034.67              | 50.64                   | 100.419           |                    |         |
| 7,150.00                      | 6,849.75            | 5,065.90            | 4,998.34            | 35.30           | 21.08       | -115.16               | -801.19                           | 4,974.15   | 5,131.57             | 5,080.92              | 50.65                   | 101.317           |                    |         |
| 7,200.00                      | 6,874.14            | 5,065.90            | 4,998.34            | 35.61           | 21.08       | -103.06               | -801.19                           | 4,974.15   | 5,178.21             | 5,127.54              | 50.67                   | 102.192           |                    |         |
| 7,250.00                      | 6,895.11            | 5,065.90            | 4,998.34            | 35.95           | 21.08       | -90.90                | -801.19                           | 4,974.15   | 5,224.92             | 5,174.21              | 50.71                   | 103.033           |                    |         |
| 7,300.00                      | 6,912.54            | 5,065.90            | 4,998.34            | 36.34           | 21.08       | -79.65                | -801.19                           | 4,974.15   | 5,271.42             | 5,220.65              | 50.77                   | 103.830           |                    |         |
| 7,350.00                      | 6,926.31            | 5,065.90            | 4,998.34            | 36.77           | 21.08       | -69.94                | -801.19                           | 4,974.15   | 5,317.44             | 5,266.59              | 50.85                   | 104.574           |                    |         |
| 7,400.00                      | 6,936.35            | 5,065.90            | 4,998.34            | 37.25           | 21.08       | -61.95                | -801.19                           | 4,974.15   | 5,362.70             | 5,311.75              | 50.95                   | 105.255           |                    |         |
| 7,450.00                      | 6,942.59            | 5,065.90            | 4,998.34            | 37.76           | 21.08       | -55.52                | -801.19                           | 4,974.15   | 5,406.95             | 5,355.88              | 51.07                   | 105.867           |                    |         |
| 7,500.00                      | 6,944.99            | 5,065.90            | 4,998.34            | 38.31           | 21.08       | -50.41                | -801.19                           | 4,974.15   | 5,449.95             | 5,398.73              | 51.22                   | 106.403           |                    |         |
| 7,512.10                      | 6,945.00            | 5,065.90            | 4,998.34            | 38.44           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 5,460.14             | 5,408.89              | 51.26                   | 106.526           |                    |         |
| 7,600.00                      | 6,944.19            | 5,065.90            | 4,998.34            | 39.51           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 5,534.05             | 5,482.49              | 51.56                   | 107.326           |                    |         |
| 7,700.00                      | 6,943.28            | 5,065.90            | 4,998.34            | 40.90           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 5,618.62             | 5,566.69              | 51.93                   | 108.190           |                    |         |
| 7,800.00                      | 6,942.37            | 5,065.90            | 4,998.34            | 42.44           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 5,703.70             | 5,651.38              | 52.32                   | 109.014           |                    |         |
| 7,900.00                      | 6,941.46            | 5,065.90            | 4,998.34            | 44.11           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 5,789.25             | 5,736.52              | 52.72                   | 109.802           |                    |         |
| 8,000.00                      | 6,940.55            | 5,065.90            | 4,998.34            | 45.90           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 5,875.25             | 5,822.11              | 53.14                   | 110.561           |                    |         |
| 8,100.00                      | 6,939.64            | 5,065.90            | 4,998.34            | 47.80           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 5,961.70             | 5,908.13              | 53.57                   | 111.295           |                    |         |
| 8,200.00                      | 6,938.72            | 5,065.90            | 4,998.34            | 49.79           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 6,048.56             | 5,994.56              | 54.00                   | 112.010           |                    |         |
| 8,300.00                      | 6,937.81            | 5,065.90            | 4,998.34            | 51.86           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 6,135.82             | 6,081.38              | 54.44                   | 112.707           |                    |         |
| 8,400.00                      | 6,936.90            | 5,065.90            | 4,998.34            | 54.01           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 6,223.46             | 6,168.58              | 54.88                   | 113.391           |                    |         |
| 8,500.00                      | 6,935.99            | 5,065.90            | 4,998.34            | 56.21           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 6,311.47             | 6,256.14              | 55.33                   | 114.065           |                    |         |
| 8,600.00                      | 6,935.08            | 5,065.90            | 4,998.34            | 58.47           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 6,399.84             | 6,344.06              | 55.78                   | 114.731           |                    |         |
| 8,700.00                      | 6,934.17            | 5,065.90            | 4,998.34            | 60.78           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 6,488.54             | 6,432.31              | 56.23                   | 115.392           |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design                 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 1304-MWD+IFR1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                     |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)           | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                      | 6,933.25            | 5,065.90            | 4,998.34            | 63.13           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 6,577.56             | 6,520.88              | 56.68                   | 116.049           |                    |         |
| 8,900.00                      | 6,932.34            | 5,065.90            | 4,998.34            | 65.52           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 6,666.90             | 6,609.77              | 57.13                   | 116.703           |                    |         |
| 9,000.00                      | 6,931.43            | 5,065.90            | 4,998.34            | 67.95           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 6,756.54             | 6,698.96              | 57.57                   | 117.357           |                    |         |
| 9,100.00                      | 6,930.52            | 5,065.90            | 4,998.34            | 70.40           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 6,846.46             | 6,788.44              | 58.02                   | 118.011           |                    |         |
| 9,200.00                      | 6,929.61            | 5,065.90            | 4,998.34            | 72.89           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 6,936.66             | 6,878.20              | 58.45                   | 118.667           |                    |         |
| 9,300.00                      | 6,928.69            | 5,065.90            | 4,998.34            | 75.40           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 7,027.12             | 6,968.23              | 58.89                   | 119.325           |                    |         |
| 9,400.00                      | 6,927.78            | 5,065.90            | 4,998.34            | 77.93           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 7,117.84             | 7,058.52              | 59.32                   | 119.985           |                    |         |
| 9,500.00                      | 6,926.87            | 5,065.90            | 4,998.34            | 80.48           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 7,208.80             | 7,149.05              | 59.75                   | 120.649           |                    |         |
| 9,600.00                      | 6,925.96            | 5,065.90            | 4,998.34            | 83.05           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 7,300.01             | 7,239.83              | 60.17                   | 121.317           |                    |         |
| 9,700.00                      | 6,925.05            | 5,065.90            | 4,998.34            | 85.64           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 7,391.43             | 7,330.84              | 60.59                   | 121.989           |                    |         |
| 9,800.00                      | 6,924.14            | 5,065.90            | 4,998.34            | 88.25           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 7,483.08             | 7,422.08              | 61.00                   | 122.666           |                    |         |
| 9,900.00                      | 6,923.22            | 5,065.90            | 4,998.34            | 90.86           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 7,574.94             | 7,513.53              | 61.41                   | 123.347           |                    |         |
| 10,000.00                     | 6,922.31            | 5,065.90            | 4,998.34            | 93.50           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 7,667.00             | 7,605.19              | 61.81                   | 124.033           |                    |         |
| 10,100.00                     | 6,921.40            | 5,065.90            | 4,998.34            | 96.14           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 7,759.26             | 7,697.05              | 62.21                   | 124.725           |                    |         |
| 10,200.00                     | 6,920.49            | 5,065.90            | 4,998.34            | 98.79           | 21.08       | -49.35                | -801.19                           | 4,974.15   | 7,851.71             | 7,789.11              | 62.60                   | 125.421           |                    |         |
| 10,300.00                     | 6,919.58            | 5,065.90            | 4,998.34            | 101.45          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 7,944.34             | 7,881.36              | 62.99                   | 126.122           |                    |         |
| 10,400.00                     | 6,918.67            | 5,065.90            | 4,998.34            | 104.13          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 8,037.15             | 7,973.78              | 63.37                   | 126.828           |                    |         |
| 10,500.00                     | 6,917.75            | 5,065.90            | 4,998.34            | 106.81          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 8,130.13             | 8,066.39              | 63.75                   | 127.540           |                    |         |
| 10,600.00                     | 6,916.84            | 5,065.90            | 4,998.34            | 109.50          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 8,223.28             | 8,159.16              | 64.12                   | 128.256           |                    |         |
| 10,700.00                     | 6,915.93            | 5,065.90            | 4,998.34            | 112.19          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 8,316.58             | 8,252.10              | 64.48                   | 128.978           |                    |         |
| 10,800.00                     | 6,915.02            | 5,065.90            | 4,998.34            | 114.90          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 8,410.04             | 8,345.20              | 64.84                   | 129.704           |                    |         |
| 10,900.00                     | 6,914.11            | 5,065.90            | 4,998.34            | 117.61          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 8,503.64             | 8,438.45              | 65.19                   | 130.435           |                    |         |
| 11,000.00                     | 6,913.20            | 5,065.90            | 4,998.34            | 120.32          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 8,597.39             | 8,531.85              | 65.54                   | 131.171           |                    |         |
| 11,100.00                     | 6,912.28            | 5,065.90            | 4,998.34            | 123.04          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 8,691.28             | 8,625.39              | 65.89                   | 131.911           |                    |         |
| 11,200.00                     | 6,911.37            | 5,065.90            | 4,998.34            | 125.77          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 8,785.30             | 8,719.08              | 66.23                   | 132.656           |                    |         |
| 11,300.00                     | 6,910.46            | 5,065.90            | 4,998.34            | 128.50          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 8,879.46             | 8,812.90              | 66.56                   | 133.405           |                    |         |
| 11,400.00                     | 6,909.55            | 5,065.90            | 4,998.34            | 131.24          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 8,973.74             | 8,906.85              | 66.89                   | 134.159           |                    |         |
| 11,500.00                     | 6,908.64            | 5,065.90            | 4,998.34            | 133.98          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 9,068.14             | 9,000.93              | 67.21                   | 134.916           |                    |         |
| 11,600.00                     | 6,907.73            | 5,065.90            | 4,998.34            | 136.72          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 9,162.67             | 9,095.13              | 67.53                   | 135.678           |                    |         |
| 11,700.00                     | 6,906.81            | 5,065.90            | 4,998.34            | 139.47          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 9,257.30             | 9,189.46              | 67.85                   | 136.443           |                    |         |
| 11,800.00                     | 6,905.90            | 5,065.90            | 4,998.34            | 142.22          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 9,352.05             | 9,283.89              | 68.16                   | 137.212           |                    |         |
| 11,900.00                     | 6,904.99            | 5,065.90            | 4,998.34            | 144.97          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 9,446.91             | 9,378.45              | 68.46                   | 137.985           |                    |         |
| 12,000.00                     | 6,904.08            | 5,065.90            | 4,998.34            | 147.73          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 9,541.87             | 9,473.11              | 68.76                   | 138.761           |                    |         |
| 12,100.00                     | 6,903.17            | 5,065.90            | 4,998.34            | 150.49          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 9,636.94             | 9,567.87              | 69.06                   | 139.540           |                    |         |
| 12,200.00                     | 6,902.26            | 5,065.90            | 4,998.34            | 153.26          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 9,732.10             | 9,662.74              | 69.36                   | 140.323           |                    |         |
| 12,300.00                     | 6,901.34            | 5,065.90            | 4,998.34            | 156.02          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 9,827.36             | 9,757.71              | 69.64                   | 141.109           |                    |         |
| 12,400.00                     | 6,900.43            | 5,065.90            | 4,998.34            | 158.79          | 21.08       | -49.35                | -801.19                           | 4,974.15   | 9,922.71             | 9,852.78              | 69.93                   | 141.897           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                        | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 97.52                 | -736.71                           | 5,582.95   | 5,631.57             |                       |                         |                   |                    |         |
| 100.00                      | 100.00              | 53.91               | 53.91               | 3.28            | 3.28        | 97.52                 | -736.81                           | 5,582.92   | 5,631.33             | 5,624.76              | 6.57                    | 857.550           |                    |         |
| 200.00                      | 200.00              | 153.06              | 153.06              | 3.34            | 3.31        | 97.52                 | -737.41                           | 5,582.74   | 5,631.23             | 5,624.58              | 6.65                    | 847.198           |                    |         |
| 300.00                      | 300.00              | 260.72              | 260.71              | 3.44            | 3.40        | 97.53                 | -738.16                           | 5,582.58   | 5,631.18             | 5,624.33              | 6.85                    | 822.384           |                    |         |
| 400.00                      | 399.98              | 385.19              | 385.18              | 3.60            | 3.58        | 67.44                 | -738.80                           | 5,581.98   | 5,630.10             | 5,622.92              | 7.18                    | 783.731           |                    |         |
| 500.00                      | 499.84              | 486.63              | 486.62              | 3.81            | 3.78        | 67.54                 | -738.98                           | 5,581.28   | 5,627.43             | 5,619.85              | 7.58                    | 742.370           |                    |         |
| 550.00                      | 549.68              | 548.95              | 548.94              | 3.93            | 3.92        | 67.62                 | -738.98                           | 5,580.82   | 5,625.56             | 5,617.73              | 7.84                    | 717.968           |                    |         |
| 600.00                      | 599.45              | 2,082.15            | 2,057.55            | 4.06            | 12.70       | 66.16                 | -640.47                           | 5,373.24   | 5,611.44             | 5,597.39              | 14.05                   | 399.372           |                    |         |
| 700.00                      | 698.71              | 2,253.15            | 2,220.87            | 4.33            | 14.56       | 63.86                 | -616.84                           | 5,328.41   | 5,578.24             | 5,563.03              | 15.20                   | 366.946           |                    |         |
| 800.00                      | 797.49              | 2,336.75            | 2,300.60            | 4.64            | 15.49       | 62.78                 | -604.77                           | 5,306.39   | 5,543.20             | 5,527.28              | 15.92                   | 348.190           |                    |         |
| 900.00                      | 895.68              | 2,447.08            | 2,405.83            | 4.97            | 16.74       | 62.37                 | -588.80                           | 5,277.30   | 5,506.32             | 5,489.50              | 16.82                   | 327.354           |                    |         |
| 1,000.00                    | 993.14              | 2,557.43            | 2,510.83            | 5.33            | 18.02       | 62.37                 | -572.03                           | 5,247.80   | 5,467.18             | 5,449.42              | 17.76                   | 307.832           |                    |         |
| 1,039.84                    | 1,031.75            | 1,039.84            | 2,703.93            | 5.48            | 6.26        | 62.66                 | -538.19                           | 5,190.54   | 5,450.64             | 5,440.80              | 9.84                    | 554.107           |                    |         |
| 1,100.00                    | 1,089.94            | 2,800.00            | 2,739.95            | 5.72            | 21.19       | 62.70                 | -531.59                           | 5,179.25   | 5,424.49             | 5,404.92              | 19.57                   | 277.229           |                    |         |
| 1,200.00                    | 1,186.67            | 2,850.74            | 2,787.67            | 6.13            | 21.87       | 62.77                 | -522.98                           | 5,164.33   | 5,381.29             | 5,361.08              | 20.22                   | 266.188           |                    |         |
| 1,300.00                    | 1,283.39            | 2,900.00            | 2,834.35            | 6.55            | 22.52       | 62.84                 | -515.33                           | 5,150.58   | 5,339.31             | 5,318.44              | 20.88                   | 255.758           |                    |         |
| 1,400.00                    | 1,380.12            | 2,936.44            | 2,869.01            | 6.99            | 22.96       | 62.89                 | -509.99                           | 5,140.67   | 5,298.09             | 5,276.63              | 21.46                   | 246.845           |                    |         |
| 1,500.00                    | 1,476.85            | 3,120.31            | 3,043.67            | 7.45            | 25.23       | 63.19                 | -483.92                           | 5,089.48   | 5,256.93             | 5,234.07              | 22.86                   | 229.985           |                    |         |
| 1,600.00                    | 1,573.57            | 3,133.77            | 3,056.49            | 7.90            | 25.38       | 63.21                 | -482.03                           | 5,085.83   | 5,215.26             | 5,191.91              | 23.35                   | 223.386           |                    |         |
| 1,700.00                    | 1,670.30            | 3,166.26            | 3,087.43            | 8.37            | 25.76       | 63.26                 | -477.47                           | 5,077.03   | 5,174.61             | 5,150.66              | 23.95                   | 216.063           |                    |         |
| 1,800.00                    | 1,767.03            | 3,200.00            | 3,119.67            | 8.85            | 26.17       | 63.32                 | -472.76                           | 5,068.27   | 5,135.02             | 5,110.45              | 24.57                   | 208.991           |                    |         |
| 1,900.00                    | 1,863.75            | 3,277.80            | 3,194.22            | 9.32            | 26.99       | 63.45                 | -462.62                           | 5,048.46   | 5,096.09             | 5,070.68              | 25.40                   | 200.599           |                    |         |
| 2,000.00                    | 1,960.48            | 3,338.68            | 3,252.68            | 9.81            | 27.62       | 63.57                 | -455.54                           | 5,033.01   | 5,057.52             | 5,031.37              | 26.15                   | 193.408           |                    |         |
| 2,100.00                    | 2,057.21            | 3,400.00            | 3,311.72            | 10.29           | 28.23       | 63.70                 | -448.85                           | 5,017.85   | 5,019.66             | 4,992.77              | 26.90                   | 186.635           |                    |         |
| 2,200.00                    | 2,153.93            | 3,457.31            | 3,367.00            | 10.78           | 28.77       | 63.82                 | -442.91                           | 5,003.99   | 4,982.44             | 4,954.82              | 27.62                   | 180.399           |                    |         |
| 2,300.00                    | 2,250.66            | 3,524.12            | 3,431.55            | 11.28           | 29.39       | 63.96                 | -436.27                           | 4,988.08   | 4,945.73             | 4,917.34              | 28.39                   | 174.229           |                    |         |
| 2,400.00                    | 2,347.39            | 3,591.38            | 3,496.60            | 11.77           | 29.99       | 64.11                 | -429.37                           | 4,972.43   | 4,909.53             | 4,880.37              | 29.16                   | 168.368           |                    |         |
| 2,500.00                    | 2,444.11            | 4,100.00            | 3,980.86            | 12.27           | 36.16       | 65.12                 | -362.89                           | 4,833.17   | 4,865.94             | 4,833.94              | 32.00                   | 152.055           |                    |         |
| 2,600.00                    | 2,540.84            | 4,139.17            | 4,017.73            | 12.77           | 36.69       | 65.19                 | -356.85                           | 4,821.40   | 4,822.71             | 4,790.01              | 32.70                   | 147.463           |                    |         |
| 2,700.00                    | 2,637.57            | 4,200.00            | 4,075.40            | 13.27           | 37.52       | 65.32                 | -348.51                           | 4,803.95   | 4,780.77             | 4,747.26              | 33.51                   | 142.667           |                    |         |
| 2,800.00                    | 2,734.30            | 4,200.00            | 4,075.40            | 13.78           | 37.52       | 65.32                 | -348.51                           | 4,803.95   | 4,739.53             | 4,705.49              | 34.04                   | 139.240           |                    |         |
| 2,900.00                    | 2,831.02            | 4,265.00            | 4,137.34            | 14.28           | 38.29       | 65.46                 | -339.97                           | 4,786.19   | 4,699.31             | 4,664.46              | 34.85                   | 134.841           |                    |         |
| 3,000.00                    | 2,927.75            | 4,445.18            | 4,308.63            | 14.79           | 40.52       | 65.82                 | -314.31                           | 4,736.58   | 4,658.75             | 4,622.57              | 36.18                   | 128.751           |                    |         |
| 3,100.00                    | 3,024.48            | 4,700.00            | 4,547.64            | 15.29           | 44.36       | 66.30                 | -272.49                           | 4,658.92   | 4,613.86             | 4,575.91              | 37.95                   | 121.576           |                    |         |
| 3,200.00                    | 3,121.20            | 4,755.97            | 4,599.96            | 15.80           | 45.22       | 66.42                 | -263.77                           | 4,641.07   | 4,569.21             | 4,530.45              | 38.76                   | 117.881           |                    |         |
| 3,300.00                    | 3,217.93            | 4,800.00            | 4,641.34            | 16.31           | 45.91       | 66.51                 | -256.72                           | 4,627.75   | 4,525.75             | 4,486.23              | 39.52                   | 114.515           |                    |         |
| 3,400.00                    | 3,314.66            | 4,844.14            | 4,682.93            | 16.82           | 46.51       | 66.60                 | -249.49                           | 4,614.86   | 4,483.22             | 4,442.93              | 40.29                   | 111.282           |                    |         |
| 3,500.00                    | 3,411.38            | 4,900.00            | 4,735.65            | 17.33           | 47.28       | 66.71                 | -240.12                           | 4,598.96   | 4,441.42             | 4,400.31              | 41.11                   | 108.043           |                    |         |
| 3,600.00                    | 3,508.11            | 4,963.71            | 4,795.91            | 17.84           | 48.11       | 66.83                 | -229.36                           | 4,581.26   | 4,400.27             | 4,358.30              | 41.96                   | 104.856           |                    |         |
| 3,700.00                    | 3,604.84            | 5,000.00            | 4,830.28            | 18.36           | 48.58       | 66.90                 | -223.30                           | 4,571.34   | 4,359.83             | 4,317.13              | 42.70                   | 102.107           |                    |         |
| 3,800.00                    | 3,701.56            | 5,058.29            | 4,885.68            | 18.87           | 49.26       | 67.01                 | -213.75                           | 4,555.93   | 4,320.24             | 4,276.72              | 43.52                   | 99.270            |                    |         |
| 3,900.00                    | 3,798.29            | 5,100.00            | 4,925.50            | 19.38           | 49.75       | 67.10                 | -207.10                           | 4,545.44   | 4,281.82             | 4,237.55              | 44.27                   | 96.722            |                    |         |
| 4,000.00                    | 3,895.02            | 5,151.75            | 4,975.10            | 19.89           | 50.27       | 67.21                 | -199.44                           | 4,532.82   | 4,244.41             | 4,199.37              | 45.04                   | 94.245            |                    |         |
| 4,100.00                    | 3,991.74            | 5,200.00            | 5,021.52            | 20.41           | 50.76       | 67.33                 | -193.24                           | 4,521.25   | 4,207.90             | 4,162.11              | 45.79                   | 91.905            |                    |         |
| 4,200.00                    | 4,088.47            | 5,200.00            | 5,021.52            | 20.92           | 50.76       | 67.33                 | -193.24                           | 4,521.25   | 4,172.98             | 4,126.63              | 46.35                   | 90.041            |                    |         |
| 4,300.00                    | 4,185.20            | 5,251.80            | 5,071.68            | 21.44           | 51.16       | 67.47                 | -187.42                           | 4,509.72   | 4,138.99             | 4,091.91              | 47.07                   | 87.929            |                    |         |
| 4,400.00                    | 4,281.92            | 5,300.00            | 5,118.73            | 21.95           | 51.54       | 67.60                 | -182.68                           | 4,500.38   | 4,107.13             | 4,059.35              | 47.78                   | 85.951            |                    |         |
| 4,500.00                    | 4,378.65            | 5,300.00            | 5,118.73            | 22.47           | 51.54       | 67.60                 | -182.68                           | 4,500.38   | 4,076.43             | 4,028.11              | 48.32                   | 84.356            |                    |         |
| 4,600.00                    | 4,475.38            | 5,359.12            | 5,176.72            | 22.99           | 51.88       | 67.77                 | -177.63                           | 4,490.01   | 4,047.22             | 3,998.17              | 49.05                   | 82.520            |                    |         |
| 4,700.00                    | 4,572.10            | 5,400.00            | 5,216.89            | 23.50           | 52.12       | 67.90                 | -174.57                           | 4,483.11   | 4,019.07             | 3,969.37              | 49.70                   | 80.859            |                    |         |
| 4,800.00                    | 4,668.83            | 5,446.70            | 5,262.90            | 24.02           | 52.34       | 68.05                 | -171.46                           | 4,475.72   | 3,992.19             | 3,941.82              | 50.37                   | 79.260            |                    |         |
| 4,900.00                    | 4,765.56            | 5,500.00            | 5,315.57            | 24.53           | 52.59       | 68.22                 | -168.37                           | 4,468.18   | 3,966.84             | 3,915.79              | 51.05                   | 77.703            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                    | 4,862.28            | 5,500.00            | 5,315.57            | 25.05           | 52.59       | 68.22                 | -168.37                           | 4,468.18   | 3,942.97             | 3,891.42              | 51.55                   | 76.495            |                    |         |
| 5,100.00                    | 4,959.01            | 5,555.25            | 5,370.34            | 25.57           | 52.78       | 68.40                 | -165.59                           | 4,461.50   | 3,920.43             | 3,868.22              | 52.22                   | 75.081            |                    |         |
| 5,200.00                    | 5,055.74            | 5,600.00            | 5,414.83            | 26.09           | 52.94       | 68.55                 | -163.58                           | 4,457.06   | 3,899.67             | 3,846.82              | 52.85                   | 73.792            |                    |         |
| 5,300.00                    | 5,152.46            | 5,646.32            | 5,460.93            | 26.60           | 53.07       | 68.71                 | -161.59                           | 4,453.04   | 3,880.26             | 3,826.78              | 53.47                   | 72.563            |                    |         |
| 5,400.00                    | 5,249.19            | 5,710.95            | 5,525.29            | 27.12           | 53.25       | 68.92                 | -158.75                           | 4,447.91   | 3,861.80             | 3,807.63              | 54.17                   | 71.291            |                    |         |
| 5,500.00                    | 5,345.92            | 5,774.99            | 5,589.11            | 27.64           | 53.42       | 69.13                 | -155.99                           | 4,443.37   | 3,844.24             | 3,789.38              | 54.86                   | 70.073            |                    |         |
| 5,600.00                    | 5,442.65            | 5,835.17            | 5,649.12            | 28.16           | 53.57       | 69.33                 | -153.56                           | 4,439.58   | 3,827.64             | 3,772.11              | 55.53                   | 68.924            |                    |         |
| 5,700.00                    | 5,539.37            | 5,900.00            | 5,713.82            | 28.68           | 53.72       | 69.55                 | -151.49                           | 4,436.06   | 3,812.14             | 3,755.91              | 56.22                   | 67.804            |                    |         |
| 5,800.00                    | 5,636.10            | 5,954.47            | 5,768.22            | 29.20           | 53.84       | 69.74                 | -150.24                           | 4,433.49   | 3,797.67             | 3,740.81              | 56.86                   | 66.786            |                    |         |
| 5,900.00                    | 5,732.83            | 6,019.38            | 5,833.07            | 29.71           | 53.98       | 69.98                 | -149.34                           | 4,430.82   | 3,784.21             | 3,726.67              | 57.54                   | 65.763            |                    |         |
| 6,000.00                    | 5,829.55            | 6,091.87            | 5,905.51            | 30.23           | 54.14       | 70.24                 | -148.74                           | 4,428.23   | 3,771.58             | 3,713.33              | 58.25                   | 64.744            |                    |         |
| 6,100.00                    | 5,926.28            | 6,172.73            | 5,986.32            | 30.75           | 54.31       | 70.55                 | -148.41                           | 4,425.68   | 3,759.61             | 3,700.61              | 59.00                   | 63.721            |                    |         |
| 6,200.00                    | 6,023.01            | 6,254.68            | 6,068.24            | 31.27           | 54.48       | 70.86                 | -148.41                           | 4,423.31   | 3,748.17             | 3,688.42              | 59.76                   | 62.724            |                    |         |
| 6,300.00                    | 6,119.73            | 6,335.71            | 6,149.24            | 31.79           | 54.65       | 71.18                 | -148.85                           | 4,421.14   | 3,737.27             | 3,676.76              | 60.51                   | 61.764            |                    |         |
| 6,397.75                    | 6,214.28            | 6,418.30            | 6,231.81            | 32.30           | 54.82       | 71.50                 | -149.53                           | 4,419.21   | 3,727.17             | 3,665.90              | 61.26                   | 60.838            |                    |         |
| 6,400.00                    | 6,216.46            | 6,420.68            | 6,234.18            | 32.31           | 54.83       | 72.09                 | -149.55                           | 4,419.16   | 3,726.94             | 3,665.66              | 61.28                   | 60.815            |                    |         |
| 6,450.00                    | 6,265.12            | 6,473.71            | 6,287.20            | 32.56           | 54.94       | 88.26                 | -150.11                           | 4,417.89   | 3,723.83             | 3,662.12              | 61.71                   | 60.343            |                    |         |
| 6,468.28                    | 6,283.01            | 6,493.22            | 6,306.70            | 32.64           | 54.98       | 95.67                 | -150.34                           | 4,417.40   | 3,723.59             | 3,661.72              | 61.86                   | 60.191 CC, ES     |                    |         |
| 6,500.00                    | 6,314.12            | 6,528.14            | 6,341.60            | 32.78           | 55.06       | 109.91                | -150.78                           | 4,416.49   | 3,724.31             | 3,662.17              | 62.13                   | 59.942            |                    |         |
| 6,550.00                    | 6,363.16            | 6,583.65            | 6,397.09            | 32.99           | 55.18       | 132.47                | -151.49                           | 4,414.94   | 3,728.35             | 3,665.81              | 62.54                   | 59.616            |                    |         |
| 6,600.00                    | 6,411.94            | 6,630.91            | 6,444.33            | 33.18           | 55.28       | 150.40                | -152.13                           | 4,413.55   | 3,735.94             | 3,673.05              | 62.89                   | 59.402            |                    |         |
| 6,650.00                    | 6,460.15            | 6,674.34            | 6,487.73            | 33.35           | 55.37       | 162.88                | -152.81                           | 4,412.30   | 3,747.15             | 3,683.93              | 63.21                   | 59.276            |                    |         |
| 6,700.00                    | 6,507.49            | 6,722.88            | 6,536.24            | 33.52           | 55.48       | 171.52                | -153.67                           | 4,410.92   | 3,761.87             | 3,698.32              | 63.55                   | 59.196            |                    |         |
| 6,750.00                    | 6,553.69            | 6,778.99            | 6,592.32            | 33.69           | 55.60       | 177.80                | -154.57                           | 4,409.24   | 3,779.88             | 3,715.97              | 63.91                   | 59.143 SF         |                    |         |
| 6,800.00                    | 6,598.44            | 6,831.55            | 6,644.85            | 33.85           | 55.72       | -177.35               | -155.34                           | 4,407.58   | 3,801.05             | 3,736.80              | 64.25                   | 59.161            |                    |         |
| 6,850.00                    | 6,641.47            | 6,881.09            | 6,694.36            | 34.02           | 55.83       | -173.35               | -156.08                           | 4,405.91   | 3,825.27             | 3,760.71              | 64.57                   | 59.243            |                    |         |
| 6,900.00                    | 6,682.53            | 6,918.53            | 6,731.77            | 34.19           | 55.92       | -169.83               | -156.66                           | 4,404.61   | 3,852.46             | 3,787.63              | 64.83                   | 59.427            |                    |         |
| 6,950.00                    | 6,721.35            | 6,947.66            | 6,760.88            | 34.38           | 55.98       | -166.51               | -157.15                           | 4,403.66   | 3,882.57             | 3,817.53              | 65.04                   | 59.693            |                    |         |
| 7,000.00                    | 6,757.70            | 6,974.94            | 6,788.14            | 34.57           | 56.04       | -163.22               | -157.63                           | 4,402.84   | 3,915.41             | 3,850.17              | 65.24                   | 60.011            |                    |         |
| 7,050.00                    | 6,791.35            | 7,000.38            | 6,813.57            | 34.79           | 56.10       | -159.77               | -158.11                           | 4,402.14   | 3,950.78             | 3,885.34              | 65.43                   | 60.377            |                    |         |
| 7,100.00                    | 6,822.10            | 7,047.17            | 6,860.33            | 35.03           | 56.21       | -156.17               | -158.99                           | 4,400.80   | 3,988.34             | 3,922.61              | 65.73                   | 60.682            |                    |         |
| 7,150.00                    | 6,849.75            | 7,089.94            | 6,903.07            | 35.30           | 56.31       | -152.16               | -159.77                           | 4,399.42   | 4,027.80             | 3,961.80              | 65.99                   | 61.032            |                    |         |
| 7,200.00                    | 6,874.14            | 7,199.87            | 7,012.88            | 35.61           | 56.57       | -148.38               | -161.56                           | 4,394.60   | 4,068.78             | 4,002.21              | 66.57                   | 61.120            |                    |         |
| 7,250.00                    | 6,895.11            | 7,214.39            | 7,027.38            | 35.95           | 56.61       | -142.95               | -161.75                           | 4,393.83   | 4,111.07             | 4,044.36              | 66.71                   | 61.623            |                    |         |
| 7,300.00                    | 6,912.54            | 7,226.52            | 7,039.49            | 36.34           | 56.63       | -136.42               | -161.89                           | 4,393.22   | 4,154.76             | 4,087.91              | 66.85                   | 62.155            |                    |         |
| 7,350.00                    | 6,926.31            | 7,236.32            | 7,049.28            | 36.77           | 56.66       | -128.59               | -161.99                           | 4,392.75   | 4,199.57             | 4,132.60              | 66.97                   | 62.709            |                    |         |
| 7,400.00                    | 6,936.35            | 7,243.78            | 7,056.73            | 37.25           | 56.68       | -119.32               | -162.06                           | 4,392.41   | 4,245.21             | 4,178.13              | 67.09                   | 63.280            |                    |         |
| 7,450.00                    | 6,942.59            | 7,248.88            | 7,061.83            | 37.76           | 56.69       | -108.78               | -162.09                           | 4,392.18   | 4,291.42             | 4,224.22              | 67.20                   | 63.865            |                    |         |
| 7,500.00                    | 6,944.99            | 7,251.64            | 7,064.58            | 38.31           | 56.70       | -97.52                | -162.11                           | 4,392.05   | 4,337.89             | 4,270.59              | 67.30                   | 64.456            |                    |         |
| 7,512.10                    | 6,945.00            | 7,251.96            | 7,064.90            | 38.44           | 56.70       | -94.78                | -162.12                           | 4,392.04   | 4,349.15             | 4,281.82              | 67.32                   | 64.600            |                    |         |
| 7,600.00                    | 6,944.19            | 7,253.76            | 7,066.70            | 39.51           | 56.70       | -94.84                | -162.13                           | 4,391.96   | 4,431.02             | 4,363.51              | 67.51                   | 65.636            |                    |         |
| 7,700.00                    | 6,943.28            | 7,255.77            | 7,068.70            | 40.90           | 56.71       | -94.91                | -162.14                           | 4,391.88   | 4,524.43             | 4,456.70              | 67.74                   | 66.795            |                    |         |
| 7,800.00                    | 6,942.37            | 7,257.72            | 7,070.66            | 42.44           | 56.71       | -94.98                | -162.15                           | 4,391.79   | 4,618.12             | 4,550.14              | 67.98                   | 67.936            |                    |         |
| 7,900.00                    | 6,941.46            | 7,259.62            | 7,072.56            | 44.11           | 56.72       | -95.05                | -162.17                           | 4,391.71   | 4,712.07             | 4,643.84              | 68.23                   | 69.060            |                    |         |
| 8,000.00                    | 6,940.55            | 7,261.48            | 7,074.41            | 45.90           | 56.72       | -95.12                | -162.18                           | 4,391.64   | 4,806.26             | 4,737.77              | 68.49                   | 70.170            |                    |         |
| 8,100.00                    | 6,939.64            | 7,263.29            | 7,076.22            | 47.80           | 56.72       | -95.18                | -162.19                           | 4,391.56   | 4,900.68             | 4,831.91              | 68.77                   | 71.266            |                    |         |
| 8,200.00                    | 6,938.72            | 7,265.06            | 7,077.99            | 49.79           | 56.73       | -95.24                | -162.20                           | 4,391.49   | 4,995.32             | 4,926.27              | 69.04                   | 72.351            |                    |         |
| 8,300.00                    | 6,937.81            | 7,266.78            | 7,079.71            | 51.86           | 56.73       | -95.31                | -162.20                           | 4,391.42   | 5,090.16             | 5,020.83              | 69.33                   | 73.424            |                    |         |
| 8,400.00                    | 6,936.90            | 7,268.47            | 7,081.40            | 54.01           | 56.74       | -95.37                | -162.21                           | 4,391.35   | 5,185.19             | 5,115.58              | 69.61                   | 74.488            |                    |         |
| 8,500.00                    | 6,935.99            | 7,270.12            | 7,083.04            | 56.21           | 56.74       | -95.42                | -162.22                           | 4,391.28   | 5,280.40             | 5,210.50              | 69.90                   | 75.543            |                    |         |
| 8,600.00                    | 6,935.08            | 7,271.73            | 7,084.65            | 58.47           | 56.75       | -95.48                | -162.23                           | 4,391.22   | 5,375.79             | 5,305.60              | 70.19                   | 76.590            |                    |         |
| 8,700.00                    | 6,934.17            | 7,273.30            | 7,086.22            | 60.78           | 56.75       | -95.54                | -162.23                           | 4,391.16   | 5,471.34             | 5,400.86              | 70.48                   | 77.630            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                    | 6,933.25            | 7,274.84            | 7,087.76            | 63.13           | 56.75       | -95.59                | -162.24                           | 4,391.10   | 5,567.05             | 5,496.28              | 70.77                   | 78.663            |                    |         |
| 8,900.00                    | 6,932.34            | 7,276.34            | 7,089.26            | 65.52           | 56.76       | -95.65                | -162.24                           | 4,391.04   | 5,662.90             | 5,591.84              | 71.06                   | 79.690            |                    |         |
| 9,000.00                    | 6,931.43            | 7,277.81            | 7,090.73            | 67.95           | 56.76       | -95.70                | -162.25                           | 4,390.98   | 5,758.90             | 5,687.55              | 71.35                   | 80.712            |                    |         |
| 9,100.00                    | 6,930.52            | 7,279.25            | 7,092.17            | 70.40           | 56.76       | -95.75                | -162.25                           | 4,390.93   | 5,855.03             | 5,783.39              | 71.64                   | 81.730            |                    |         |
| 9,200.00                    | 6,929.61            | 7,300.00            | 7,112.91            | 72.89           | 56.81       | -96.49                | -162.29                           | 4,390.19   | 5,951.35             | 5,879.35              | 72.00                   | 82.657            |                    |         |
| 9,300.00                    | 6,928.69            | 7,300.00            | 7,112.91            | 75.40           | 56.81       | -96.49                | -162.29                           | 4,390.19   | 6,047.71             | 5,975.43              | 72.28                   | 83.672            |                    |         |
| 9,400.00                    | 6,927.78            | 7,300.00            | 7,112.91            | 77.93           | 56.81       | -96.49                | -162.29                           | 4,390.19   | 6,144.20             | 6,071.64              | 72.56                   | 84.683            |                    |         |
| 9,500.00                    | 6,926.87            | 7,300.00            | 7,112.91            | 80.48           | 56.81       | -96.49                | -162.29                           | 4,390.19   | 6,240.79             | 6,167.96              | 72.83                   | 85.690            |                    |         |
| 9,600.00                    | 6,925.96            | 7,300.00            | 7,112.91            | 83.05           | 56.81       | -96.49                | -162.29                           | 4,390.19   | 6,337.49             | 6,264.39              | 73.10                   | 86.695            |                    |         |
| 9,700.00                    | 6,925.05            | 7,300.00            | 7,112.91            | 85.64           | 56.81       | -96.49                | -162.29                           | 4,390.19   | 6,434.29             | 6,360.92              | 73.37                   | 87.697            |                    |         |
| 9,800.00                    | 6,924.14            | 7,300.00            | 7,112.91            | 88.25           | 56.81       | -96.49                | -162.29                           | 4,390.19   | 6,531.19             | 6,457.55              | 73.64                   | 88.696            |                    |         |
| 9,900.00                    | 6,923.22            | 7,300.00            | 7,112.91            | 90.86           | 56.81       | -96.49                | -162.29                           | 4,390.19   | 6,628.18             | 6,554.28              | 73.90                   | 89.692            |                    |         |
| 10,000.00                   | 6,922.31            | 7,300.00            | 7,112.91            | 93.50           | 56.81       | -96.49                | -162.29                           | 4,390.19   | 6,725.25             | 6,651.09              | 74.16                   | 90.686            |                    |         |
| 10,100.00                   | 6,921.40            | 7,300.00            | 7,112.91            | 96.14           | 56.81       | -96.49                | -162.29                           | 4,390.19   | 6,822.41             | 6,748.00              | 74.42                   | 91.678            |                    |         |
| 10,200.00                   | 6,920.49            | 7,300.00            | 7,112.91            | 98.79           | 56.81       | -96.49                | -162.29                           | 4,390.19   | 6,919.66             | 6,844.99              | 74.67                   | 92.669            |                    |         |
| 10,300.00                   | 6,919.58            | 7,300.00            | 7,112.91            | 101.45          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 7,016.98             | 6,942.05              | 74.92                   | 93.657            |                    |         |
| 10,400.00                   | 6,918.67            | 7,300.00            | 7,112.91            | 104.13          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 7,114.37             | 7,039.20              | 75.17                   | 94.643            |                    |         |
| 10,500.00                   | 6,917.75            | 7,300.00            | 7,112.91            | 106.81          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 7,211.84             | 7,136.42              | 75.42                   | 95.628            |                    |         |
| 10,600.00                   | 6,916.84            | 7,300.00            | 7,112.91            | 109.50          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 7,309.37             | 7,233.71              | 75.66                   | 96.611            |                    |         |
| 10,700.00                   | 6,915.93            | 7,300.00            | 7,112.91            | 112.19          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 7,406.97             | 7,331.07              | 75.90                   | 97.593            |                    |         |
| 10,800.00                   | 6,915.02            | 7,300.00            | 7,112.91            | 114.90          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 7,504.63             | 7,428.50              | 76.13                   | 98.573            |                    |         |
| 10,900.00                   | 6,914.11            | 7,300.00            | 7,112.91            | 117.61          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 7,602.36             | 7,525.99              | 76.37                   | 99.551            |                    |         |
| 11,000.00                   | 6,913.20            | 7,300.00            | 7,112.91            | 120.32          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 7,700.14             | 7,623.54              | 76.60                   | 100.529           |                    |         |
| 11,100.00                   | 6,912.28            | 7,300.00            | 7,112.91            | 123.04          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 7,797.98             | 7,721.15              | 76.82                   | 101.505           |                    |         |
| 11,200.00                   | 6,911.37            | 7,300.00            | 7,112.91            | 125.77          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 7,895.87             | 7,818.82              | 77.05                   | 102.479           |                    |         |
| 11,300.00                   | 6,910.46            | 7,300.00            | 7,112.91            | 128.50          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 7,993.81             | 7,916.54              | 77.27                   | 103.453           |                    |         |
| 11,400.00                   | 6,909.55            | 7,300.00            | 7,112.91            | 131.24          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 8,091.81             | 8,014.32              | 77.49                   | 104.425           |                    |         |
| 11,500.00                   | 6,908.64            | 7,300.00            | 7,112.91            | 133.98          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 8,189.85             | 8,112.15              | 77.71                   | 105.396           |                    |         |
| 11,600.00                   | 6,907.73            | 7,300.00            | 7,112.91            | 136.72          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 8,287.94             | 8,210.02              | 77.92                   | 106.365           |                    |         |
| 11,700.00                   | 6,906.81            | 7,300.00            | 7,112.91            | 139.47          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 8,386.08             | 8,307.95              | 78.13                   | 107.334           |                    |         |
| 11,800.00                   | 6,905.90            | 7,300.00            | 7,112.91            | 142.22          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 8,484.26             | 8,405.92              | 78.34                   | 108.301           |                    |         |
| 11,900.00                   | 6,904.99            | 7,300.00            | 7,112.91            | 144.97          | 56.81       | -96.49                | -162.29                           | 4,390.19   | 8,582.48             | 8,503.93              | 78.55                   | 109.267           |                    |         |
| 12,000.00                   | 6,904.08            | 7,316.37            | 7,129.27            | 147.73          | 56.85       | -97.07                | -162.29                           | 4,389.65   | 8,680.71             | 8,601.91              | 78.81                   | 110.152           |                    |         |
| 12,100.00                   | 6,903.17            | 7,317.68            | 7,130.58            | 150.49          | 56.86       | -97.11                | -162.29                           | 4,389.61   | 8,779.01             | 8,700.00              | 79.01                   | 111.109           |                    |         |
| 12,200.00                   | 6,902.26            | 7,318.98            | 7,131.88            | 153.26          | 56.86       | -97.16                | -162.29                           | 4,389.57   | 8,877.34             | 8,798.13              | 79.22                   | 112.065           |                    |         |
| 12,300.00                   | 6,901.34            | 7,320.27            | 7,133.16            | 156.02          | 56.86       | -97.21                | -162.29                           | 4,389.53   | 8,975.71             | 8,896.30              | 79.42                   | 113.019           |                    |         |
| 12,400.00                   | 6,900.43            | 7,321.54            | 7,134.43            | 158.79          | 56.87       | -97.25                | -162.29                           | 4,389.49   | 9,074.12             | 8,994.50              | 79.62                   | 113.973           |                    |         |
| 12,500.00                   | 6,899.52            | 7,322.80            | 7,135.69            | 161.56          | 56.87       | -97.30                | -162.29                           | 4,389.45   | 9,172.56             | 9,092.75              | 79.81                   | 114.925           |                    |         |
| 12,600.00                   | 6,898.61            | 7,324.05            | 7,136.94            | 164.34          | 56.87       | -97.34                | -162.29                           | 4,389.41   | 9,271.03             | 9,191.03              | 80.01                   | 115.876           |                    |         |
| 12,700.00                   | 6,897.70            | 7,325.28            | 7,138.18            | 167.11          | 56.87       | -97.38                | -162.29                           | 4,389.37   | 9,369.54             | 9,289.34              | 80.20                   | 116.825           |                    |         |
| 12,800.00                   | 6,896.79            | 7,326.51            | 7,139.40            | 169.89          | 56.88       | -97.43                | -162.29                           | 4,389.33   | 9,468.08             | 9,387.68              | 80.39                   | 117.774           |                    |         |
| 12,900.00                   | 6,895.87            | 7,327.72            | 7,140.61            | 172.67          | 56.88       | -97.47                | -162.28                           | 4,389.30   | 9,566.64             | 9,486.06              | 80.58                   | 118.721           |                    |         |
| 13,000.00                   | 6,894.96            | 7,328.92            | 7,141.81            | 175.45          | 56.88       | -97.51                | -162.28                           | 4,389.26   | 9,665.24             | 9,584.47              | 80.77                   | 119.667           |                    |         |
| 13,100.00                   | 6,894.05            | 7,330.11            | 7,143.00            | 178.23          | 56.89       | -97.55                | -162.28                           | 4,389.22   | 9,763.86             | 9,682.91              | 80.95                   | 120.612           |                    |         |
| 13,200.00                   | 6,893.14            | 7,331.28            | 7,144.17            | 181.02          | 56.89       | -97.60                | -162.28                           | 4,389.19   | 9,862.51             | 9,781.38              | 81.14                   | 121.555           |                    |         |
| 13,300.00                   | 6,892.23            | 7,332.45            | 7,145.34            | 183.80          | 56.89       | -97.64                | -162.28                           | 4,389.15   | 9,961.19             | 9,879.87              | 81.32                   | 122.497           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                        | 0.00                | 1,259.96            | 1,239.19            | 3.28            | 9.78        | 98.88                 | -844.01                           | 5,400.08   | 5,615.62             |                       |                         |                   |                    |         |
| 100.00                      | 100.00              | 1,425.38            | 1,396.58            | 3.28            | 11.75       | 99.24                 | -871.26                           | 5,357.07   | 5,592.01             | 5,579.30              | 12.71                   | 439.931           |                    |         |
| 200.00                      | 200.00              | 1,477.03            | 1,445.64            | 3.34            | 12.37       | 99.35                 | -880.00                           | 5,343.53   | 5,568.34             | 5,555.16              | 13.17                   | 422.751           |                    |         |
| 300.00                      | 300.00              | 1,532.41            | 1,498.25            | 3.44            | 13.03       | 99.48                 | -889.94                           | 5,329.35   | 5,545.46             | 5,531.74              | 13.72                   | 404.065           |                    |         |
| 400.00                      | 399.98              | 1,600.00            | 1,562.62            | 3.60            | 13.81       | 69.95                 | -901.85                           | 5,312.55   | 5,522.73             | 5,508.28              | 14.44                   | 382.352           |                    |         |
| 500.00                      | 499.84              | 1,675.60            | 1,634.75            | 3.81            | 14.65       | 70.61                 | -914.99                           | 5,294.09   | 5,499.33             | 5,484.06              | 15.27                   | 360.201           |                    |         |
| 550.00                      | 549.68              | 1,726.48            | 1,683.28            | 3.93            | 15.21       | 71.00                 | -923.84                           | 5,281.67   | 5,487.28             | 5,471.46              | 15.81                   | 347.040           |                    |         |
| 600.00                      | 599.45              | 600.00              | 1,807.44            | 4.06            | 3.69        | 69.36                 | -945.80                           | 5,248.93   | 5,474.53             | 5,466.48              | 8.05                    | 679.904           |                    |         |
| 700.00                      | 698.71              | 1,967.93            | 1,913.32            | 4.33            | 18.00       | 67.35                 | -963.13                           | 5,219.77   | 5,446.55             | 5,428.30              | 18.25                   | 298.506           |                    |         |
| 800.00                      | 797.49              | 2,032.25            | 1,974.70            | 4.64            | 18.74       | 66.39                 | -972.87                           | 5,203.23   | 5,417.46             | 5,398.37              | 19.09                   | 283.813           |                    |         |
| 900.00                      | 895.68              | 2,110.66            | 2,049.52            | 4.97            | 19.63       | 66.11                 | -985.08                           | 5,183.17   | 5,387.11             | 5,367.02              | 20.09                   | 268.212           |                    |         |
| 1,000.00                    | 993.14              | 2,172.78            | 2,108.80            | 5.33            | 20.32       | 66.16                 | -994.96                           | 5,167.47   | 5,355.66             | 5,334.67              | 20.99                   | 255.136           |                    |         |
| 1,039.84                    | 1,031.75            | 2,200.00            | 2,134.80            | 5.48            | 20.63       | 66.26                 | -999.33                           | 5,160.67   | 5,342.88             | 5,321.50              | 21.39                   | 249.833           |                    |         |
| 1,100.00                    | 1,089.94            | 2,228.03            | 2,161.57            | 5.72            | 20.93       | 66.40                 | -1,003.90                         | 5,153.73   | 5,323.63             | 5,301.75              | 21.88                   | 243.334           |                    |         |
| 1,200.00                    | 1,186.67            | 2,278.41            | 2,209.68            | 6.13            | 21.48       | 66.66                 | -1,012.40                         | 5,141.48   | 5,292.33             | 5,269.58              | 22.75                   | 232.627           |                    |         |
| 1,300.00                    | 1,283.39            | 2,439.84            | 2,364.20            | 6.55            | 23.19       | 67.46                 | -1,037.82                         | 5,102.28   | 5,261.41             | 5,236.90              | 24.52                   | 214.596           |                    |         |
| 1,400.00                    | 1,380.12            | 2,531.89            | 2,452.43            | 6.99            | 24.16       | 67.90                 | -1,050.09                         | 5,079.11   | 5,229.46             | 5,203.74              | 25.71                   | 203.364           |                    |         |
| 1,500.00                    | 1,476.85            | 2,574.32            | 2,493.09            | 7.45            | 24.61       | 68.11                 | -1,056.23                         | 5,068.63   | 5,198.42             | 5,171.85              | 26.56                   | 195.696           |                    |         |
| 1,600.00                    | 1,573.57            | 2,862.46            | 2,767.86            | 7.90            | 27.95       | 69.59                 | -1,098.52                         | 4,993.04   | 5,166.52             | 5,137.05              | 29.47                   | 175.311           |                    |         |
| 1,700.00                    | 1,670.30            | 2,996.18            | 2,894.51            | 8.37            | 29.71       | 70.30                 | -1,118.07                         | 4,954.84   | 5,132.93             | 5,101.70              | 31.23                   | 164.359           |                    |         |
| 1,800.00                    | 1,767.03            | 3,130.46            | 3,021.11            | 8.85            | 31.61       | 71.03                 | -1,138.29                         | 4,914.91   | 5,098.74             | 5,065.64              | 33.09                   | 154.071           |                    |         |
| 1,900.00                    | 1,863.75            | 3,224.17            | 3,109.42            | 9.32            | 32.94       | 71.55                 | -1,151.48                         | 4,886.46   | 5,064.17             | 5,029.59              | 34.58                   | 146.431           |                    |         |
| 2,000.00                    | 1,960.48            | 3,269.70            | 3,152.48            | 9.81            | 33.56       | 71.79                 | -1,157.51                         | 4,872.97   | 5,030.42             | 4,994.79              | 35.63                   | 141.203           |                    |         |
| 2,100.00                    | 2,057.21            | 3,357.02            | 3,235.23            | 10.29           | 34.76       | 72.27                 | -1,169.08                         | 4,847.61   | 4,997.54             | 4,960.48              | 37.07                   | 134.826           |                    |         |
| 2,200.00                    | 2,153.93            | 3,431.50            | 3,305.40            | 10.78           | 35.79       | 72.69                 | -1,180.30                         | 4,825.30   | 4,964.67             | 4,926.24              | 38.43                   | 129.178           |                    |         |
| 2,300.00                    | 2,250.66            | 3,474.78            | 3,346.28            | 11.28           | 36.39       | 72.94                 | -1,186.78                         | 4,812.68   | 4,932.81             | 4,893.28              | 39.53                   | 124.786           |                    |         |
| 2,400.00                    | 2,347.39            | 3,600.00            | 3,465.20            | 11.77           | 38.01       | 73.63                 | -1,202.71                         | 4,776.86   | 4,901.26             | 4,859.97              | 41.29                   | 118.695           |                    |         |
| 2,500.00                    | 2,444.11            | 4,093.29            | 3,926.22            | 12.27           | 46.20       | 76.53                 | -1,263.85                         | 4,614.43   | 4,866.88             | 4,819.92              | 46.97                   | 103.628           |                    |         |
| 2,600.00                    | 2,540.84            | 4,159.48            | 3,986.42            | 12.77           | 47.68       | 76.97                 | -1,274.67                         | 4,589.12   | 4,829.03             | 4,780.32              | 48.71                   | 99.148            |                    |         |
| 2,700.00                    | 2,637.57            | 4,200.00            | 4,023.33            | 13.27           | 48.59       | 77.25                 | -1,281.22                         | 4,573.74   | 4,791.96             | 4,741.85              | 50.11                   | 95.621            |                    |         |
| 2,800.00                    | 2,734.30            | 4,244.95            | 4,064.47            | 13.78           | 49.49       | 77.55                 | -1,288.27                         | 4,557.07   | 4,755.99             | 4,704.46              | 51.53                   | 92.289            |                    |         |
| 2,900.00                    | 2,831.02            | 4,300.00            | 4,115.33            | 14.28           | 50.59       | 77.91                 | -1,296.41                         | 4,537.64   | 4,721.46             | 4,668.36              | 53.10                   | 88.920            |                    |         |
| 3,000.00                    | 2,927.75            | 4,351.49            | 4,163.12            | 14.79           | 51.53       | 78.25                 | -1,303.66                         | 4,519.89   | 4,687.86             | 4,633.30              | 54.56                   | 85.914            |                    |         |
| 3,100.00                    | 3,024.48            | 4,441.02            | 4,246.08            | 15.29           | 53.20       | 78.84                 | -1,316.12                         | 4,488.62   | 4,654.49             | 4,597.97              | 56.52                   | 82.346            |                    |         |
| 3,200.00                    | 3,121.20            | 4,500.00            | 4,300.54            | 15.80           | 54.32       | 79.24                 | -1,325.19                         | 4,467.89   | 4,621.88             | 4,563.72              | 58.17                   | 79.461            |                    |         |
| 3,300.00                    | 3,217.93            | 4,537.66            | 4,335.30            | 16.31           | 55.02       | 79.50                 | -1,331.37                         | 4,454.79   | 4,590.38             | 4,530.81              | 59.57                   | 77.062            |                    |         |
| 3,400.00                    | 3,314.66            | 4,574.15            | 4,369.06            | 16.82           | 55.70       | 79.76                 | -1,337.54                         | 4,442.39   | 4,560.21             | 4,499.25              | 60.96                   | 74.801            |                    |         |
| 3,500.00                    | 3,411.38            | 4,600.00            | 4,393.03            | 17.33           | 56.18       | 79.94                 | -1,342.03                         | 4,433.79   | 4,531.43             | 4,469.20              | 62.22                   | 72.824            |                    |         |
| 3,600.00                    | 3,508.11            | 4,653.92            | 4,443.11            | 17.84           | 57.09       | 80.32                 | -1,351.61                         | 4,416.26   | 4,503.88             | 4,440.04              | 63.84                   | 70.548            |                    |         |
| 3,700.00                    | 3,604.84            | 4,700.00            | 4,486.01            | 18.36           | 57.88       | 80.65                 | -1,360.02                         | 4,401.70   | 4,477.68             | 4,412.32              | 65.37                   | 68.502            |                    |         |
| 3,800.00                    | 3,701.56            | 4,745.05            | 4,528.15            | 18.87           | 58.55       | 80.96                 | -1,368.05                         | 4,387.94   | 4,452.74             | 4,385.93              | 66.81                   | 66.649            |                    |         |
| 3,900.00                    | 3,798.29            | 4,800.00            | 4,579.92            | 19.38           | 59.36       | 81.34                 | -1,377.09                         | 4,371.89   | 4,428.98             | 4,360.61              | 68.37                   | 64.780            |                    |         |
| 4,000.00                    | 3,895.02            | 4,869.46            | 4,645.90            | 19.89           | 60.22       | 81.80                 | -1,387.12                         | 4,352.62   | 4,406.18             | 4,336.24              | 69.94                   | 63.002            |                    |         |
| 4,100.00                    | 3,991.74            | 4,923.17            | 4,697.27            | 20.41           | 60.82       | 82.14                 | -1,393.70                         | 4,338.45   | 4,384.21             | 4,312.92              | 71.29                   | 61.495            |                    |         |
| 4,200.00                    | 4,088.47            | 4,962.56            | 4,735.23            | 20.92           | 61.19       | 82.38                 | -1,397.95                         | 4,328.82   | 4,363.59             | 4,291.13              | 72.47                   | 60.213            |                    |         |
| 4,300.00                    | 4,185.20            | 5,006.40            | 4,777.74            | 21.44           | 61.60       | 82.64                 | -1,402.12                         | 4,318.93   | 4,344.37             | 4,270.71              | 73.66                   | 58.981            |                    |         |
| 4,400.00                    | 4,281.92            | 5,094.94            | 4,863.79            | 21.95           | 62.29       | 83.15                 | -1,410.04                         | 4,299.66   | 4,325.98             | 4,250.94              | 75.05                   | 57.643            |                    |         |
| 4,500.00                    | 4,378.65            | 5,147.44            | 4,914.91            | 22.47           | 62.66       | 83.45                 | -1,414.53                         | 4,288.57   | 4,308.37             | 4,232.17              | 76.20                   | 56.542            |                    |         |
| 4,600.00                    | 4,475.38            | 5,200.00            | 4,966.29            | 22.99           | 63.03       | 83.74                 | -1,418.59                         | 4,278.26   | 4,291.95             | 4,214.61              | 77.34                   | 55.497            |                    |         |
| 4,700.00                    | 4,572.10            | 5,241.28            | 5,006.79            | 23.50           | 63.25       | 83.96                 | -1,421.48                         | 4,270.82   | 4,276.81             | 4,198.46              | 78.35                   | 54.586            |                    |         |
| 4,800.00                    | 4,668.83            | 5,300.00            | 5,064.64            | 24.02           | 63.56       | 84.27                 | -1,425.10                         | 4,261.41   | 4,263.11             | 4,183.69              | 79.42                   | 53.679            |                    |         |
| 4,900.00                    | 4,765.56            | 5,330.39            | 5,094.67            | 24.53           | 63.67       | 84.42                 | -1,426.76                         | 4,257.06   | 4,250.65             | 4,170.32              | 80.33                   | 52.917            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00                    | 4,862.28            | 5,378.24            | 5,142.05            | 25.05           | 63.85       | 84.66                 | -1,429.13                         | 4,250.85   | 4,239.54             | 4,158.27              | 81.27                   | 52.167            |                    |         |
| 5,100.00                    | 4,959.01            | 5,432.35            | 5,195.76            | 25.57           | 64.03       | 84.91                 | -1,431.44                         | 4,244.72   | 4,229.67             | 4,147.47              | 82.19                   | 51.460            |                    |         |
| 5,200.00                    | 5,055.74            | 5,500.00            | 5,263.05            | 26.09           | 64.22       | 85.22                 | -1,433.81                         | 4,238.10   | 4,220.87             | 4,137.75              | 83.12                   | 50.779            |                    |         |
| 5,300.00                    | 5,152.46            | 5,552.03            | 5,314.86            | 26.60           | 64.34       | 85.45                 | -1,435.34                         | 4,233.70   | 4,213.06             | 4,129.08              | 83.98                   | 50.167            |                    |         |
| 5,400.00                    | 5,249.19            | 5,612.56            | 5,375.21            | 27.12           | 64.48       | 85.70                 | -1,436.94                         | 4,229.25   | 4,206.27             | 4,121.43              | 84.84                   | 49.578            |                    |         |
| 5,500.00                    | 5,345.92            | 5,672.48            | 5,435.00            | 27.64           | 64.60       | 85.95                 | -1,438.37                         | 4,225.55   | 4,200.50             | 4,114.82              | 85.68                   | 49.026            |                    |         |
| 5,600.00                    | 5,442.65            | 5,732.00            | 5,494.43            | 28.16           | 64.71       | 86.20                 | -1,439.63                         | 4,222.59   | 4,195.73             | 4,109.24              | 86.50                   | 48.508            |                    |         |
| 5,700.00                    | 5,539.37            | 5,800.00            | 5,562.39            | 28.68           | 64.83       | 86.46                 | -1,440.51                         | 4,220.37   | 4,192.01             | 4,104.70              | 87.31                   | 48.013            |                    |         |
| 5,800.00                    | 5,636.10            | 5,872.47            | 5,634.84            | 29.20           | 64.95       | 86.73                 | -1,441.00                         | 4,218.87   | 4,189.07             | 4,100.96              | 88.11                   | 47.541            |                    |         |
| 5,900.00                    | 5,732.83            | 5,951.06            | 5,713.42            | 29.71           | 65.07       | 87.01                 | -1,441.34                         | 4,217.68   | 4,186.64             | 4,097.71              | 88.92                   | 47.081            |                    |         |
| 6,000.00                    | 5,829.55            | 6,032.95            | 5,795.31            | 30.23           | 65.21       | 87.30                 | -1,441.64                         | 4,216.95   | 4,184.81             | 4,095.08              | 89.73                   | 46.635            |                    |         |
| 6,100.00                    | 5,926.28            | 6,124.04            | 5,886.40            | 30.75           | 65.35       | 87.63                 | -1,441.96                         | 4,216.34   | 4,183.31             | 4,092.75              | 90.56                   | 46.193            |                    |         |
| 6,200.00                    | 6,023.01            | 6,209.95            | 5,972.31            | 31.27           | 65.50       | 87.93                 | -1,442.29                         | 4,215.97   | 4,182.18             | 4,090.81              | 91.38                   | 45.769            |                    |         |
| 6,300.00                    | 6,119.73            | 6,296.17            | 6,058.52            | 31.79           | 65.64       | 88.24                 | -1,442.67                         | 4,215.83   | 4,181.45             | 4,089.27              | 92.19                   | 45.358            |                    |         |
| 6,397.75                    | 6,214.28            | 6,393.94            | 6,156.30            | 32.30           | 65.80       | 88.58                 | -1,443.12                         | 4,215.78   | 4,180.98             | 4,087.97              | 93.01                   | 44.951            |                    |         |
| 6,400.00                    | 6,216.46            | 6,396.21            | 6,158.56            | 32.31           | 65.81       | 89.18                 | -1,443.13                         | 4,215.77   | 4,180.98             | 4,087.95              | 93.03                   | 44.942            |                    |         |
| 6,401.45                    | 6,217.86            | 6,397.67            | 6,160.03            | 32.32           | 65.81       | 89.57                 | -1,443.14                         | 4,215.77   | 4,180.97             | 4,087.93              | 93.04                   | 44.936 CC, ES     |                    |         |
| 6,450.00                    | 6,265.12            | 6,445.02            | 6,207.37            | 32.56           | 65.89       | 105.50                | -1,443.32                         | 4,215.74   | 4,182.41             | 4,088.98              | 93.43                   | 44.765            |                    |         |
| 6,500.00                    | 6,314.12            | 6,494.04            | 6,256.40            | 32.78           | 65.97       | 127.33                | -1,443.47                         | 4,215.74   | 4,186.89             | 4,093.09              | 93.80                   | 44.639            |                    |         |
| 6,550.00                    | 6,363.16            | 6,537.89            | 6,300.24            | 32.99           | 66.05       | 150.10                | -1,443.56                         | 4,215.80   | 4,194.38             | 4,100.27              | 94.11                   | 44.568            |                    |         |
| 6,600.00                    | 6,411.94            | 6,580.76            | 6,343.11            | 33.18           | 66.12       | 168.32                | -1,443.63                         | 4,215.95   | 4,204.87             | 4,110.48              | 94.39                   | 44.546 SF         |                    |         |
| 6,650.00                    | 6,460.15            | 6,626.36            | 6,388.71            | 33.35           | 66.20       | -178.85               | -1,443.70                         | 4,216.18   | 4,218.28             | 4,123.63              | 94.66                   | 44.564            |                    |         |
| 6,700.00                    | 6,507.49            | 6,673.79            | 6,436.14            | 33.52           | 66.29       | -169.83               | -1,443.79                         | 4,216.42   | 4,234.48             | 4,139.58              | 94.90                   | 44.620            |                    |         |
| 6,750.00                    | 6,553.69            | 6,723.14            | 6,485.49            | 33.69           | 66.37       | -163.13               | -1,443.89                         | 4,216.65   | 4,253.34             | 4,158.21              | 95.13                   | 44.711            |                    |         |
| 6,800.00                    | 6,598.44            | 6,774.89            | 6,537.23            | 33.85           | 66.47       | -157.83               | -1,443.93                         | 4,216.84   | 4,274.71             | 4,179.36              | 95.35                   | 44.833            |                    |         |
| 6,850.00                    | 6,641.47            | 6,815.65            | 6,578.00            | 34.02           | 66.54       | -153.31               | -1,443.91                         | 4,216.97   | 4,298.49             | 4,202.97              | 95.52                   | 44.999            |                    |         |
| 6,900.00                    | 6,682.53            | 6,845.71            | 6,608.06            | 34.19           | 66.59       | -149.18               | -1,443.96                         | 4,217.11   | 4,324.68             | 4,229.01              | 95.66                   | 45.208            |                    |         |
| 6,950.00                    | 6,721.35            | 6,874.03            | 6,636.38            | 34.38           | 66.64       | -145.24               | -1,444.06                         | 4,217.28   | 4,353.14             | 4,257.35              | 95.78                   | 45.448            |                    |         |
| 7,000.00                    | 6,757.70            | 6,900.00            | 6,662.35            | 34.57           | 66.69       | -141.30               | -1,444.20                         | 4,217.47   | 4,383.70             | 4,287.81              | 95.89                   | 45.718            |                    |         |
| 7,050.00                    | 6,791.35            | 6,900.00            | 6,662.35            | 34.79           | 66.69       | -137.04               | -1,444.20                         | 4,217.47   | 4,416.28             | 4,320.37              | 95.91                   | 46.047            |                    |         |
| 7,100.00                    | 6,822.10            | 6,900.00            | 6,662.35            | 35.03           | 66.69       | -132.50               | -1,444.20                         | 4,217.47   | 4,450.73             | 4,354.81              | 95.92                   | 46.402            |                    |         |
| 7,150.00                    | 6,849.75            | 6,900.00            | 6,662.35            | 35.30           | 66.69       | -127.63               | -1,444.20                         | 4,217.47   | 4,486.81             | 4,390.89              | 95.92                   | 46.777            |                    |         |
| 7,200.00                    | 6,874.14            | 6,900.00            | 6,662.35            | 35.61           | 66.69       | -122.37               | -1,444.20                         | 4,217.47   | 4,524.25             | 4,428.33              | 95.92                   | 47.168            |                    |         |
| 7,250.00                    | 6,895.11            | 6,900.00            | 6,662.35            | 35.95           | 66.69       | -116.73               | -1,444.20                         | 4,217.47   | 4,562.79             | 4,466.88              | 95.91                   | 47.572            |                    |         |
| 7,300.00                    | 6,912.54            | 6,900.00            | 6,662.35            | 36.34           | 66.69       | -110.77               | -1,444.20                         | 4,217.47   | 4,602.17             | 4,506.26              | 95.91                   | 47.983            |                    |         |
| 7,350.00                    | 6,926.31            | 6,900.00            | 6,662.35            | 36.77           | 66.69       | -104.56               | -1,444.20                         | 4,217.47   | 4,642.13             | 4,546.22              | 95.91                   | 48.398            |                    |         |
| 7,400.00                    | 6,936.35            | 6,900.00            | 6,662.35            | 37.25           | 66.69       | -98.26                | -1,444.20                         | 4,217.47   | 4,682.42             | 4,586.49              | 95.92                   | 48.814            |                    |         |
| 7,450.00                    | 6,942.59            | 6,900.00            | 6,662.35            | 37.76           | 66.69       | -92.04                | -1,444.20                         | 4,217.47   | 4,722.77             | 4,626.83              | 95.94                   | 49.227            |                    |         |
| 7,500.00                    | 6,944.99            | 6,900.00            | 6,662.35            | 38.31           | 66.69       | -86.06                | -1,444.20                         | 4,217.47   | 4,762.94             | 4,666.98              | 95.96                   | 49.633            |                    |         |
| 7,512.10                    | 6,945.00            | 6,900.00            | 6,662.35            | 38.44           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 4,772.61             | 4,676.64              | 95.97                   | 49.731            |                    |         |
| 7,600.00                    | 6,944.19            | 6,900.00            | 6,662.35            | 39.51           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 4,843.03             | 4,746.98              | 96.05                   | 50.424            |                    |         |
| 7,700.00                    | 6,943.28            | 6,900.00            | 6,662.35            | 40.90           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 4,923.83             | 4,827.65              | 96.18                   | 51.195            |                    |         |
| 7,800.00                    | 6,942.37            | 6,900.00            | 6,662.35            | 42.44           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,005.32             | 4,908.97              | 96.35                   | 51.949            |                    |         |
| 7,900.00                    | 6,941.46            | 6,900.00            | 6,662.35            | 44.11           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,087.47             | 4,990.91              | 96.56                   | 52.689            |                    |         |
| 8,000.00                    | 6,940.55            | 6,900.00            | 6,662.35            | 45.90           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,170.25             | 5,073.46              | 96.79                   | 53.416            |                    |         |
| 8,100.00                    | 6,939.64            | 6,900.00            | 6,662.35            | 47.80           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,253.63             | 5,156.58              | 97.05                   | 54.131            |                    |         |
| 8,200.00                    | 6,938.72            | 6,900.00            | 6,662.35            | 49.79           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,337.58             | 5,240.25              | 97.33                   | 54.838            |                    |         |
| 8,300.00                    | 6,937.81            | 6,900.00            | 6,662.35            | 51.86           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,422.08             | 5,324.45              | 97.63                   | 55.536            |                    |         |
| 8,400.00                    | 6,936.90            | 6,900.00            | 6,662.35            | 54.01           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,507.09             | 5,409.15              | 97.94                   | 56.228            |                    |         |
| 8,500.00                    | 6,935.99            | 6,900.00            | 6,662.35            | 56.21           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,592.61             | 5,494.34              | 98.26                   | 56.915            |                    |         |
| 8,600.00                    | 6,935.08            | 6,900.00            | 6,662.35            | 58.47           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,678.59             | 5,580.00              | 98.59                   | 57.597            |                    |         |
| 8,700.00                    | 6,934.17            | 6,900.00            | 6,662.35            | 60.78           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,765.03             | 5,666.10              | 98.93                   | 58.275            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design               |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 100-GYRO-NS |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference                   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)         | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                    | 6,933.25            | 6,900.00            | 6,662.35            | 63.13           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,851.90             | 5,752.63              | 99.27                   | 58.950            |                    |         |
| 8,900.00                    | 6,932.34            | 6,900.00            | 6,662.35            | 65.52           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 5,939.18             | 5,839.57              | 99.61                   | 59.624            |                    |         |
| 9,000.00                    | 6,931.43            | 6,900.00            | 6,662.35            | 67.95           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 6,026.85             | 5,926.90              | 99.96                   | 60.295            |                    |         |
| 9,100.00                    | 6,930.52            | 6,900.00            | 6,662.35            | 70.40           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 6,114.91             | 6,014.61              | 100.30                  | 60.966            |                    |         |
| 9,200.00                    | 6,929.61            | 6,900.00            | 6,662.35            | 72.89           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 6,203.33             | 6,102.68              | 100.64                  | 61.636            |                    |         |
| 9,300.00                    | 6,928.69            | 6,900.00            | 6,662.35            | 75.40           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 6,292.09             | 6,191.10              | 100.99                  | 62.306            |                    |         |
| 9,400.00                    | 6,927.78            | 6,900.00            | 6,662.35            | 77.93           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 6,381.19             | 6,279.86              | 101.33                  | 62.975            |                    |         |
| 9,500.00                    | 6,926.87            | 6,900.00            | 6,662.35            | 80.48           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 6,470.60             | 6,368.94              | 101.67                  | 63.645            |                    |         |
| 9,600.00                    | 6,925.96            | 6,900.00            | 6,662.35            | 83.05           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 6,560.32             | 6,458.32              | 102.00                  | 64.316            |                    |         |
| 9,700.00                    | 6,925.05            | 6,900.00            | 6,662.35            | 85.64           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 6,650.34             | 6,548.00              | 102.33                  | 64.987            |                    |         |
| 9,800.00                    | 6,924.14            | 6,900.00            | 6,662.35            | 88.25           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 6,740.63             | 6,637.97              | 102.66                  | 65.659            |                    |         |
| 9,900.00                    | 6,923.22            | 6,900.00            | 6,662.35            | 90.86           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 6,831.20             | 6,728.21              | 102.99                  | 66.331            |                    |         |
| 10,000.00                   | 6,922.31            | 6,900.00            | 6,662.35            | 93.50           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 6,922.02             | 6,818.72              | 103.31                  | 67.005            |                    |         |
| 10,100.00                   | 6,921.40            | 6,900.00            | 6,662.35            | 96.14           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 7,013.10             | 6,909.48              | 103.62                  | 67.680            |                    |         |
| 10,200.00                   | 6,920.49            | 6,900.00            | 6,662.35            | 98.79           | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 7,104.42             | 7,000.48              | 103.93                  | 68.356            |                    |         |
| 10,300.00                   | 6,919.58            | 6,900.00            | 6,662.35            | 101.45          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 7,195.96             | 7,091.72              | 104.24                  | 69.034            |                    |         |
| 10,400.00                   | 6,918.67            | 6,900.00            | 6,662.35            | 104.13          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 7,287.73             | 7,183.19              | 104.54                  | 69.712            |                    |         |
| 10,500.00                   | 6,917.75            | 6,900.00            | 6,662.35            | 106.81          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 7,379.71             | 7,274.88              | 104.84                  | 70.392            |                    |         |
| 10,600.00                   | 6,916.84            | 6,900.00            | 6,662.35            | 109.50          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 7,471.90             | 7,366.77              | 105.13                  | 71.074            |                    |         |
| 10,700.00                   | 6,915.93            | 6,900.00            | 6,662.35            | 112.19          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 7,564.29             | 7,458.87              | 105.42                  | 71.756            |                    |         |
| 10,800.00                   | 6,915.02            | 6,900.00            | 6,662.35            | 114.90          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 7,656.87             | 7,551.17              | 105.70                  | 72.440            |                    |         |
| 10,900.00                   | 6,914.11            | 6,900.00            | 6,662.35            | 117.61          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 7,749.63             | 7,643.65              | 105.98                  | 73.125            |                    |         |
| 11,000.00                   | 6,913.20            | 6,900.00            | 6,662.35            | 120.32          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 7,842.57             | 7,736.32              | 106.25                  | 73.811            |                    |         |
| 11,100.00                   | 6,912.28            | 6,900.00            | 6,662.35            | 123.04          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 7,935.68             | 7,829.16              | 106.52                  | 74.499            |                    |         |
| 11,200.00                   | 6,911.37            | 6,900.00            | 6,662.35            | 125.77          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 8,028.96             | 7,922.17              | 106.79                  | 75.187            |                    |         |
| 11,300.00                   | 6,910.46            | 6,900.00            | 6,662.35            | 128.50          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 8,122.40             | 8,015.35              | 107.05                  | 75.877            |                    |         |
| 11,400.00                   | 6,909.55            | 6,900.00            | 6,662.35            | 131.24          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 8,215.99             | 8,108.69              | 107.30                  | 76.568            |                    |         |
| 11,500.00                   | 6,908.64            | 6,900.00            | 6,662.35            | 133.98          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 8,309.73             | 8,202.18              | 107.55                  | 77.260            |                    |         |
| 11,600.00                   | 6,907.73            | 6,900.00            | 6,662.35            | 136.72          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 8,403.62             | 8,295.81              | 107.80                  | 77.954            |                    |         |
| 11,700.00                   | 6,906.81            | 6,900.00            | 6,662.35            | 139.47          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 8,497.64             | 8,389.59              | 108.05                  | 78.648            |                    |         |
| 11,800.00                   | 6,905.90            | 6,900.00            | 6,662.35            | 142.22          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 8,591.80             | 8,483.51              | 108.29                  | 79.343            |                    |         |
| 11,900.00                   | 6,904.99            | 6,900.00            | 6,662.35            | 144.97          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 8,686.09             | 8,577.57              | 108.52                  | 80.039            |                    |         |
| 12,000.00                   | 6,904.08            | 6,900.00            | 6,662.35            | 147.73          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 8,780.51             | 8,671.75              | 108.75                  | 80.737            |                    |         |
| 12,100.00                   | 6,903.17            | 6,900.00            | 6,662.35            | 150.49          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 8,875.05             | 8,766.07              | 108.98                  | 81.435            |                    |         |
| 12,200.00                   | 6,902.26            | 6,900.00            | 6,662.35            | 153.26          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 8,969.71             | 8,860.50              | 109.21                  | 82.134            |                    |         |
| 12,300.00                   | 6,901.34            | 6,900.00            | 6,662.35            | 156.02          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 9,064.48             | 8,955.05              | 109.43                  | 82.834            |                    |         |
| 12,400.00                   | 6,900.43            | 6,900.00            | 6,662.35            | 158.79          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 9,159.36             | 9,049.71              | 109.65                  | 83.534            |                    |         |
| 12,500.00                   | 6,899.52            | 6,900.00            | 6,662.35            | 161.56          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 9,254.35             | 9,144.49              | 109.86                  | 84.236            |                    |         |
| 12,600.00                   | 6,898.61            | 6,900.00            | 6,662.35            | 164.34          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 9,349.45             | 9,239.38              | 110.07                  | 84.938            |                    |         |
| 12,700.00                   | 6,897.70            | 6,900.00            | 6,662.35            | 167.11          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 9,444.65             | 9,334.37              | 110.28                  | 85.641            |                    |         |
| 12,800.00                   | 6,896.79            | 6,900.00            | 6,662.35            | 169.89          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 9,539.94             | 9,429.46              | 110.49                  | 86.344            |                    |         |
| 12,900.00                   | 6,895.87            | 6,900.00            | 6,662.35            | 172.67          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 9,635.33             | 9,524.64              | 110.69                  | 87.048            |                    |         |
| 13,000.00                   | 6,894.96            | 6,900.00            | 6,662.35            | 175.45          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 9,730.82             | 9,619.93              | 110.89                  | 87.753            |                    |         |
| 13,100.00                   | 6,894.05            | 6,900.00            | 6,662.35            | 178.23          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 9,826.39             | 9,715.31              | 111.09                  | 88.458            |                    |         |
| 13,200.00                   | 6,893.14            | 6,900.00            | 6,662.35            | 181.02          | 66.69       | -84.67                | -1,444.20                         | 4,217.47   | 9,922.05             | 9,810.77              | 111.28                  | 89.164            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 133-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                    | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 95.69                 | -50.63                            | 508.03     | 510.60               |                       |                         |                   |                    |         |
| 100.00                  | 100.00              | 99.62               | 99.62               | 3.28            | 3.29        | 95.73                 | -50.87                            | 507.36     | 509.95               | 503.37                | 6.57                    | 77.584            |                    |         |
| 200.00                  | 200.00              | 202.44              | 202.42              | 3.34            | 3.33        | 95.80                 | -51.37                            | 505.58     | 508.27               | 501.60                | 6.67                    | 76.167            |                    |         |
| 300.00                  | 300.00              | 301.29              | 301.24              | 3.44            | 3.44        | 95.92                 | -52.20                            | 503.58     | 506.35               | 499.46                | 6.88                    | 73.544            |                    |         |
| 400.00                  | 399.98              | 399.88              | 399.82              | 3.60            | 3.59        | 66.08                 | -52.77                            | 502.26     | 504.36               | 497.17                | 7.20                    | 70.089            |                    |         |
| 500.00                  | 499.84              | 503.36              | 503.29              | 3.81            | 3.80        | 66.77                 | -53.05                            | 500.44     | 500.54               | 492.94                | 7.61                    | 65.798            |                    |         |
| 550.00                  | 549.68              | 555.17              | 555.08              | 3.93            | 3.92        | 67.28                 | -53.20                            | 499.23     | 497.87               | 490.02                | 7.84                    | 63.471            |                    |         |
| 600.00                  | 599.45              | 607.47              | 607.37              | 4.06            | 4.06        | 65.60                 | -53.21                            | 497.78     | 494.56               | 486.46                | 8.10                    | 61.055            |                    |         |
| 700.00                  | 698.71              | 704.25              | 704.10              | 4.33            | 4.32        | 64.15                 | -53.19                            | 494.84     | 486.34               | 477.70                | 8.64                    | 56.318            |                    |         |
| 800.00                  | 797.49              | 802.79              | 802.59              | 4.64            | 4.62        | 64.42                 | -54.44                            | 492.23     | 477.10               | 467.87                | 9.23                    | 51.669            |                    |         |
| 900.00                  | 895.68              | 897.54              | 897.29              | 4.97            | 4.92        | 65.72                 | -56.30                            | 489.59     | 466.64               | 456.77                | 9.87                    | 47.287            |                    |         |
| 1,000.00                | 993.14              | 992.18              | 991.91              | 5.33            | 5.24        | 67.72                 | -57.58                            | 487.79     | 456.08               | 445.53                | 10.55                   | 43.246            |                    |         |
| 1,039.84                | 1,031.75            | 1,030.84            | 1,030.55            | 5.48            | 5.37        | 68.73                 | -58.03                            | 487.16     | 451.83               | 441.00                | 10.83                   | 41.714            |                    |         |
| 1,100.00                | 1,089.94            | 1,091.25            | 1,090.95            | 5.72            | 5.59        | 70.70                 | -58.66                            | 485.97     | 445.43               | 434.15                | 11.28                   | 39.490            |                    |         |
| 1,200.00                | 1,186.67            | 1,195.09            | 1,194.73            | 6.13            | 5.97        | 74.25                 | -59.59                            | 482.69     | 434.84               | 422.78                | 12.06                   | 36.043            |                    |         |
| 1,300.00                | 1,283.39            | 1,286.57            | 1,286.14            | 6.55            | 6.31        | 77.50                 | -60.03                            | 479.20     | 425.13               | 412.30                | 12.83                   | 33.131            |                    |         |
| 1,400.00                | 1,380.12            | 1,379.76            | 1,379.31            | 6.99            | 6.64        | 80.52                 | -58.28                            | 478.29     | 418.33               | 404.71                | 13.61                   | 30.732            |                    |         |
| 1,500.00                | 1,476.85            | 1,483.68            | 1,483.14            | 7.45            | 7.02        | 83.66                 | -54.15                            | 478.16     | 412.50               | 398.06                | 14.44                   | 28.566            |                    |         |
| 1,600.00                | 1,573.57            | 1,582.88            | 1,582.16            | 7.90            | 7.39        | 86.52                 | -48.19                            | 477.87     | 406.55               | 391.28                | 15.27                   | 26.626            |                    |         |
| 1,700.00                | 1,670.30            | 1,692.40            | 1,691.33            | 8.37            | 7.80        | 89.59                 | -39.52                            | 476.98     | 400.10               | 383.96                | 16.14                   | 24.786            |                    |         |
| 1,800.00                | 1,767.03            | 1,790.16            | 1,788.45            | 8.85            | 8.18        | 91.93                 | -28.43                            | 477.41     | 393.36               | 376.37                | 16.99                   | 23.146            |                    |         |
| 1,900.00                | 1,863.75            | 1,894.07            | 1,891.56            | 9.32            | 8.58        | 94.38                 | -15.60                            | 477.95     | 386.72               | 368.85                | 17.87                   | 21.636            |                    |         |
| 2,000.00                | 1,960.48            | 2,001.92            | 1,998.23            | 9.81            | 9.04        | 96.90                 | 0.25                              | 477.02     | 378.08               | 359.32                | 18.77                   | 20.148            |                    |         |
| 2,100.00                | 2,057.21            | 2,100.71            | 2,095.85            | 10.29           | 9.47        | 99.36                 | 15.28                             | 475.38     | 369.23               | 349.57                | 19.65                   | 18.786            |                    |         |
| 2,200.00                | 2,153.93            | 2,198.88            | 2,192.91            | 10.78           | 9.90        | 101.97                | 29.95                             | 473.44     | 361.08               | 340.54                | 20.55                   | 17.572            |                    |         |
| 2,300.00                | 2,250.66            | 2,297.28            | 2,290.24            | 11.28           | 10.34       | 104.84                | 44.11                             | 470.79     | 353.77               | 332.33                | 21.45                   | 16.495            |                    |         |
| 2,400.00                | 2,347.39            | 2,396.04            | 2,387.97            | 11.77           | 10.79       | 107.97                | 57.96                             | 467.38     | 347.28               | 324.93                | 22.35                   | 15.541            |                    |         |
| 2,500.00                | 2,444.11            | 2,494.70            | 2,485.59            | 12.27           | 11.25       | 111.32                | 71.62                             | 463.22     | 341.65               | 318.41                | 23.24                   | 14.699            |                    |         |
| 2,600.00                | 2,540.84            | 2,592.51            | 2,582.36            | 12.77           | 11.71       | 114.81                | 85.08                             | 458.61     | 337.09               | 312.95                | 24.14                   | 13.964            |                    |         |
| 2,700.00                | 2,637.57            | 2,690.38            | 2,679.19            | 13.27           | 12.17       | 118.52                | 98.21                             | 453.25     | 333.90               | 308.87                | 25.04                   | 13.337            |                    |         |
| 2,800.00                | 2,734.30            | 2,787.75            | 2,775.52            | 13.78           | 12.63       | 122.36                | 111.15                            | 447.37     | 332.12               | 306.19                | 25.93                   | 12.809            |                    |         |
| 2,856.43                | 2,788.87            | 2,842.47            | 2,829.66            | 14.06           | 12.90       | 124.57                | 118.32                            | 443.85     | 331.85               | 305.41                | 26.43                   | 12.554 CC         |                    |         |
| 2,900.00                | 2,831.02            | 2,884.68            | 2,871.41            | 14.28           | 13.10       | 126.29                | 123.81                            | 441.03     | 332.01               | 305.19                | 26.82                   | 12.379 ES         |                    |         |
| 3,000.00                | 2,927.75            | 2,981.59            | 2,967.28            | 14.79           | 13.57       | 130.27                | 136.30                            | 434.36     | 333.67               | 305.96                | 27.71                   | 12.039            |                    |         |
| 3,100.00                | 3,024.48            | 3,076.32            | 3,061.03            | 15.29           | 14.03       | 134.13                | 148.17                            | 427.72     | 337.34               | 308.74                | 28.60                   | 11.793            |                    |         |
| 3,200.00                | 3,121.20            | 3,178.63            | 3,162.32            | 15.80           | 14.52       | 138.01                | 161.25                            | 421.64     | 342.49               | 312.97                | 29.51                   | 11.604            |                    |         |
| 3,300.00                | 3,217.93            | 3,275.99            | 3,258.63            | 16.31           | 15.00       | 141.38                | 174.74                            | 417.14     | 348.03               | 317.61                | 30.42                   | 11.442            |                    |         |
| 3,400.00                | 3,314.66            | 3,371.22            | 3,352.88            | 16.82           | 15.47       | 144.61                | 187.50                            | 412.40     | 355.25               | 323.93                | 31.32                   | 11.344            |                    |         |
| 3,500.00                | 3,411.38            | 3,468.41            | 3,449.12            | 17.33           | 15.95       | 147.79                | 200.16                            | 407.42     | 364.04               | 331.81                | 32.23                   | 11.296 SF         |                    |         |
| 3,600.00                | 3,508.11            | 3,563.01            | 3,542.81            | 17.84           | 16.42       | 150.78                | 212.13                            | 402.28     | 374.35               | 341.22                | 33.13                   | 11.301            |                    |         |
| 3,700.00                | 3,604.84            | 3,659.56            | 3,638.52            | 18.36           | 16.89       | 153.63                | 223.82                            | 397.13     | 386.21               | 352.17                | 34.04                   | 11.346            |                    |         |
| 3,800.00                | 3,701.56            | 3,758.64            | 3,736.69            | 18.87           | 17.38       | 156.42                | 236.00                            | 391.64     | 398.89               | 363.91                | 34.98                   | 11.405            |                    |         |
| 3,900.00                | 3,798.29            | 3,848.31            | 3,825.60            | 19.38           | 17.82       | 158.80                | 246.40                            | 386.41     | 413.17               | 377.33                | 35.84                   | 11.527            |                    |         |
| 4,000.00                | 3,895.02            | 3,932.46            | 3,909.22            | 19.89           | 18.22       | 160.85                | 254.17                            | 381.15     | 430.56               | 393.93                | 36.63                   | 11.754            |                    |         |
| 4,100.00                | 3,991.74            | 4,020.63            | 3,997.05            | 20.41           | 18.62       | 162.70                | 259.74                            | 375.86     | 451.12               | 413.68                | 37.43                   | 12.051            |                    |         |
| 4,200.00                | 4,088.47            | 4,100.95            | 4,077.26            | 20.92           | 18.96       | 163.95                | 262.17                            | 372.59     | 474.39               | 436.30                | 38.09                   | 12.455            |                    |         |
| 4,300.00                | 4,185.20            | 4,190.62            | 4,166.85            | 21.44           | 19.32       | 165.05                | 261.56                            | 369.04     | 501.04               | 462.18                | 38.86                   | 12.894            |                    |         |
| 4,400.00                | 4,281.92            | 4,286.94            | 4,263.11            | 21.95           | 19.70       | 166.08                | 261.02                            | 365.59     | 527.65               | 487.92                | 39.73                   | 13.282            |                    |         |
| 4,500.00                | 4,378.65            | 4,380.83            | 4,356.96            | 22.47           | 20.07       | 166.85                | 259.53                            | 363.32     | 554.78               | 514.22                | 40.55                   | 13.680            |                    |         |
| 4,600.00                | 4,475.38            | 4,477.87            | 4,453.96            | 22.99           | 20.45       | 167.57                | 257.90                            | 360.85     | 582.13               | 540.70                | 41.43                   | 14.053            |                    |         |
| 4,700.00                | 4,572.10            | 4,591.78            | 4,567.85            | 23.50           | 20.89       | 168.26                | 256.86                            | 359.36     | 608.43               | 565.90                | 42.53                   | 14.307            |                    |         |
| 4,800.00                | 4,668.83            | 4,693.56            | 4,669.61            | 24.02           | 21.29       | 168.62                | 257.21                            | 361.15     | 632.20               | 588.76                | 43.44                   | 14.554            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 133-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00                | 4,765.56            | 4,794.06            | 4,770.09            | 24.53           | 21.68       | 168.99                | 258.10                            | 362.60     | 655.71               | 611.37                | 44.34                   | 14.789            |                    |         |
| 5,000.00                | 4,862.28            | 4,892.19            | 4,868.20            | 25.05           | 22.08       | 169.36                | 259.47                            | 363.88     | 678.86               | 633.65                | 45.22                   | 15.014            |                    |         |
| 5,100.00                | 4,959.01            | 4,988.30            | 4,964.30            | 25.57           | 22.47       | 169.73                | 260.93                            | 364.86     | 702.06               | 655.99                | 46.08                   | 15.237            |                    |         |
| 5,200.00                | 5,055.74            | 5,085.89            | 5,061.87            | 26.09           | 22.87       | 170.11                | 262.57                            | 365.49     | 725.35               | 678.39                | 46.96                   | 15.447            |                    |         |
| 5,300.00                | 5,152.46            | 5,182.67            | 5,158.63            | 26.60           | 23.27       | 170.49                | 264.41                            | 365.76     | 748.65               | 700.82                | 47.83                   | 15.652            |                    |         |
| 5,400.00                | 5,249.19            | 5,278.25            | 5,254.20            | 27.12           | 23.67       | 170.87                | 266.23                            | 365.78     | 772.10               | 723.40                | 48.70                   | 15.855            |                    |         |
| 5,500.00                | 5,345.92            | 5,375.18            | 5,351.11            | 27.64           | 24.08       | 171.25                | 268.15                            | 365.47     | 795.69               | 746.11                | 49.58                   | 16.048            |                    |         |
| 5,600.00                | 5,442.65            | 5,473.57            | 5,449.46            | 28.16           | 24.50       | 171.67                | 270.57                            | 364.51     | 819.25               | 768.76                | 50.49                   | 16.227            |                    |         |
| 5,700.00                | 5,539.37            | 5,571.94            | 5,547.78            | 28.68           | 24.92       | 172.11                | 273.56                            | 363.18     | 842.56               | 791.17                | 51.39                   | 16.394            |                    |         |
| 5,800.00                | 5,636.10            | 5,652.71            | 5,628.54            | 29.20           | 25.25       | 172.34                | 274.41                            | 363.15     | 866.87               | 814.79                | 52.08                   | 16.646            |                    |         |
| 5,900.00                | 5,732.83            | 5,755.42            | 5,731.24            | 29.71           | 25.66       | 172.51                | 274.11                            | 364.04     | 891.84               | 838.83                | 53.01                   | 16.825            |                    |         |
| 6,000.00                | 5,829.55            | 5,853.66            | 5,829.48            | 30.23           | 26.06       | 172.72                | 274.71                            | 364.32     | 916.36               | 862.47                | 53.90                   | 17.002            |                    |         |
| 6,100.00                | 5,926.28            | 5,950.98            | 5,926.79            | 30.75           | 26.47       | 172.97                | 275.79                            | 364.02     | 940.80               | 886.02                | 54.79                   | 17.172            |                    |         |
| 6,200.00                | 6,023.01            | 6,047.05            | 6,022.85            | 31.27           | 26.88       | 173.24                | 277.18                            | 363.16     | 965.30               | 909.64                | 55.67                   | 17.341            |                    |         |
| 6,300.00                | 6,119.73            | 6,145.90            | 6,121.67            | 31.79           | 27.30       | 173.55                | 279.06                            | 361.79     | 989.70               | 933.12                | 56.58                   | 17.492            |                    |         |
| 6,397.75                | 6,214.28            | 6,236.44            | 6,212.17            | 32.30           | 27.69       | 173.85                | 281.07                            | 359.93     | 1,013.68             | 956.28                | 57.40                   | 17.659            |                    |         |
| 6,400.00                | 6,216.46            | 6,238.40            | 6,214.13            | 32.31           | 27.69       | 174.49                | 281.10                            | 359.89     | 1,014.24             | 956.82                | 57.42                   | 17.663            |                    |         |
| 6,450.00                | 6,265.12            | 6,282.16            | 6,257.88            | 32.56           | 27.88       | -168.55               | 281.67                            | 359.20     | 1,025.55             | 967.75                | 57.80                   | 17.744            |                    |         |
| 6,500.00                | 6,314.12            | 6,332.73            | 6,308.45            | 32.78           | 28.08       | -146.62               | 281.63                            | 359.05     | 1,034.85             | 976.61                | 58.24                   | 17.770            |                    |         |
| 6,550.00                | 6,363.16            | 6,385.15            | 6,360.08            | 32.99           | 28.79       | -127.47               | 275.02                            | 395.34     | 1,039.07             | 979.39                | 59.68                   | 17.411            |                    |         |
| 6,600.00                | 6,411.94            | 6,406.66            | 6,412.24            | 33.18           | 29.00       | -112.19               | 271.32                            | 422.22     | 1,036.66             | 976.56                | 60.11                   | 17.247            |                    |         |
| 6,650.00                | 6,460.15            | 6,750.66            | 6,697.59            | 33.35           | 29.40       | -106.05               | 265.69                            | 492.41     | 1,029.50             | 968.95                | 60.55                   | 17.002            |                    |         |
| 6,700.00                | 6,507.49            | 6,806.62            | 6,743.77            | 33.52           | 29.54       | -101.24               | 264.41                            | 523.98     | 1,020.75             | 959.76                | 61.00                   | 16.735            |                    |         |
| 6,750.00                | 6,553.69            | 6,840.65            | 6,771.20            | 33.69           | 29.62       | -98.16                | 263.64                            | 544.12     | 1,011.66             | 950.17                | 61.49                   | 16.452            |                    |         |
| 6,800.00                | 6,598.44            | 6,869.04            | 6,793.60            | 33.85           | 29.69       | -96.47                | 262.89                            | 561.53     | 1,002.89             | 940.92                | 61.97                   | 16.183            |                    |         |
| 6,850.00                | 6,641.47            | 6,890.57            | 6,810.31            | 34.02           | 29.75       | -95.45                | 262.25                            | 575.11     | 994.89               | 932.46                | 62.43                   | 15.936            |                    |         |
| 6,900.00                | 6,682.53            | 6,918.21            | 6,831.32            | 34.19           | 29.86       | -95.43                | 261.47                            | 593.05     | 987.96               | 925.02                | 62.93                   | 15.699            |                    |         |
| 6,950.00                | 6,721.35            | 6,934.99            | 6,843.80            | 34.38           | 29.96       | -95.20                | 261.09                            | 604.25     | 982.36               | 918.98                | 63.38                   | 15.499            |                    |         |
| 7,000.00                | 6,757.70            | 6,941.84            | 6,848.84            | 34.57           | 30.01       | -94.62                | 260.96                            | 608.89     | 978.42               | 914.67                | 63.74                   | 15.349            |                    |         |
| 7,050.00                | 6,791.35            | 6,941.28            | 6,848.43            | 34.79           | 30.00       | -93.71                | 260.97                            | 608.51     | 976.26               | 912.24                | 64.02                   | 15.250            |                    |         |
| 7,084.76                | 6,813.04            | 6,937.48            | 6,845.64            | 34.96           | 29.98       | -92.92                | 261.04                            | 605.93     | 975.82               | 911.67                | 64.16                   | 15.210            |                    |         |
| 7,100.00                | 6,822.10            | 6,935.08            | 6,843.87            | 35.03           | 29.96       | -92.53                | 261.09                            | 604.31     | 975.91               | 911.70                | 64.20                   | 15.200            |                    |         |
| 7,150.00                | 6,849.75            | 6,924.53            | 6,836.04            | 35.30           | 29.90       | -91.10                | 261.32                            | 597.24     | 977.30               | 912.99                | 64.32                   | 15.195            |                    |         |
| 7,200.00                | 6,874.14            | 6,910.57            | 6,825.57            | 35.61           | 29.81       | -89.48                | 261.67                            | 588.03     | 980.33               | 915.96                | 64.37                   | 15.229            |                    |         |
| 7,250.00                | 6,895.11            | 6,893.92            | 6,812.88            | 35.95           | 29.76       | -87.71                | 262.15                            | 577.25     | 984.82               | 920.44                | 64.39                   | 15.296            |                    |         |
| 7,300.00                | 6,912.54            | 6,880.22            | 6,802.31            | 36.34           | 29.72       | -86.10                | 262.56                            | 568.54     | 990.63               | 926.14                | 64.49                   | 15.361            |                    |         |
| 7,350.00                | 6,926.31            | 6,864.86            | 6,790.33            | 36.77           | 29.68       | -84.41                | 263.00                            | 558.94     | 997.63               | 933.02                | 64.61                   | 15.441            |                    |         |
| 7,400.00                | 6,936.35            | 6,847.79            | 6,776.87            | 37.25           | 29.64       | -82.66                | 263.46                            | 548.45     | 1,005.59             | 940.85                | 64.74                   | 15.532            |                    |         |
| 7,450.00                | 6,942.59            | 6,829.21            | 6,762.04            | 37.76           | 29.59       | -80.87                | 263.91                            | 537.26     | 1,014.33             | 949.43                | 64.90                   | 15.629            |                    |         |
| 7,500.00                | 6,944.99            | 6,809.28            | 6,745.94            | 38.31           | 29.55       | -79.09                | 264.34                            | 525.54     | 1,023.62             | 958.54                | 65.08                   | 15.729            |                    |         |
| 7,512.10                | 6,945.00            | 6,806.97            | 6,744.06            | 38.44           | 29.54       | -78.79                | 264.40                            | 524.18     | 1,025.91             | 960.74                | 65.18                   | 15.741            |                    |         |
| 7,600.00                | 6,944.19            | 6,756.76            | 6,702.68            | 39.51           | 29.41       | -76.48                | 265.52                            | 495.78     | 1,045.19             | 979.91                | 65.28                   | 16.011            |                    |         |
| 7,700.00                | 6,943.28            | 6,704.41            | 6,658.71            | 40.90           | 29.28       | -74.05                | 267.21                            | 467.42     | 1,072.81             | 1,007.33              | 65.48                   | 16.383            |                    |         |
| 7,800.00                | 6,942.37            | 6,674.02            | 6,632.60            | 42.44           | 29.19       | -72.63                | 268.40                            | 451.93     | 1,106.78             | 1,040.61              | 66.17                   | 16.726            |                    |         |
| 7,900.00                | 6,941.46            | 6,648.43            | 6,610.04            | 44.11           | 29.12       | -71.42                | 269.47                            | 439.88     | 1,147.28             | 1,080.37              | 66.91                   | 17.147            |                    |         |
| 8,000.00                | 6,940.55            | 6,607.00            | 6,572.56            | 45.90           | 29.01       | -69.42                | 271.31                            | 422.36     | 1,194.20             | 1,126.98              | 67.23                   | 17.764            |                    |         |
| 8,100.00                | 6,939.64            | 6,607.00            | 6,572.56            | 47.80           | 29.01       | -69.42                | 271.31                            | 422.36     | 1,246.07             | 1,177.71              | 68.36                   | 18.229            |                    |         |
| 8,200.00                | 6,938.72            | 6,576.74            | 6,544.68            | 49.79           | 28.91       | -67.97                | 272.77                            | 410.69     | 1,303.09             | 1,234.33              | 68.77                   | 18.950            |                    |         |
| 8,300.00                | 6,937.81            | 6,548.42            | 6,518.43            | 51.86           | 28.83       | -66.62                | 274.28                            | 400.15     | 1,364.24             | 1,295.10              | 69.14                   | 19.731            |                    |         |
| 8,400.00                | 6,936.90            | 6,522.01            | 6,493.83            | 54.01           | 28.75       | -65.37                | 275.79                            | 390.66     | 1,429.07             | 1,359.58              | 69.49                   | 20.565            |                    |         |
| 8,500.00                | 6,935.99            | 6,512.00            | 6,484.48            | 56.21           | 28.72       | -64.90                | 276.39                            | 387.15     | 1,497.26             | 1,427.21              | 70.05                   | 21.374            |                    |         |
| 8,600.00                | 6,935.08            | 6,512.00            | 6,484.48            | 58.47           | 28.72       | -64.90                | 276.39                            | 387.15     | 1,568.82             | 1,498.15              | 70.68                   | 22.197            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 133-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,700.00                | 6,934.17            | 6,512.00            | 6,484.48            | 60.78           | 28.72       | -64.90                | 276.39                            | 387.15     | 1,643.36             | 1,572.15              | 71.21                   | 23.079            |                    |         |
| 8,800.00                | 6,933.25            | 6,512.00            | 6,484.48            | 63.13           | 28.72       | -64.90                | 276.39                            | 387.15     | 1,720.48             | 1,648.83              | 71.65                   | 24.013            |                    |         |
| 8,900.00                | 6,932.34            | 6,512.00            | 6,484.48            | 65.52           | 28.72       | -64.90                | 276.39                            | 387.15     | 1,799.85             | 1,727.83              | 72.02                   | 24.991            |                    |         |
| 9,000.00                | 6,931.43            | 6,512.00            | 6,484.48            | 67.95           | 28.72       | -64.90                | 276.39                            | 387.15     | 1,881.19             | 1,808.86              | 72.33                   | 26.007            |                    |         |
| 9,100.00                | 6,930.52            | 6,470.74            | 6,445.20            | 70.40           | 28.58       | -62.96                | 278.56                            | 374.77     | 1,961.80             | 1,889.62              | 72.18                   | 27.179            |                    |         |
| 9,200.00                | 6,929.61            | 6,466.37            | 6,440.97            | 72.89           | 28.57       | -62.76                | 278.75                            | 373.70     | 2,045.83             | 1,973.45              | 72.39                   | 28.261            |                    |         |
| 9,300.00                | 6,928.69            | 6,462.34            | 6,437.06            | 75.40           | 28.55       | -62.57                | 278.92                            | 372.74     | 2,131.20             | 2,058.63              | 72.57                   | 29.368            |                    |         |
| 9,400.00                | 6,927.78            | 6,458.61            | 6,433.42            | 77.93           | 28.54       | -62.39                | 279.07                            | 371.90     | 2,217.75             | 2,145.02              | 72.72                   | 30.495            |                    |         |
| 9,500.00                | 6,926.87            | 6,417.00            | 6,392.48            | 80.48           | 28.40       | -60.48                | 280.37                            | 364.74     | 2,307.43             | 2,234.90              | 72.53                   | 31.814            |                    |         |
| 9,600.00                | 6,925.96            | 6,417.00            | 6,392.48            | 83.05           | 28.40       | -60.48                | 280.37                            | 364.74     | 2,395.63             | 2,322.94              | 72.69                   | 32.957            |                    |         |
| 9,700.00                | 6,925.05            | 6,417.00            | 6,392.48            | 85.64           | 28.40       | -60.48                | 280.37                            | 364.74     | 2,484.72             | 2,411.90              | 72.83                   | 34.117            |                    |         |
| 9,800.00                | 6,924.14            | 6,417.00            | 6,392.48            | 88.25           | 28.40       | -60.48                | 280.37                            | 364.74     | 2,574.62             | 2,501.67              | 72.95                   | 35.293            |                    |         |
| 9,900.00                | 6,923.22            | 6,417.00            | 6,392.48            | 90.86           | 28.40       | -60.48                | 280.37                            | 364.74     | 2,665.23             | 2,592.18              | 73.05                   | 36.483            |                    |         |
| 10,000.00               | 6,922.31            | 6,417.00            | 6,392.48            | 93.50           | 28.40       | -60.48                | 280.37                            | 364.74     | 2,756.50             | 2,683.35              | 73.15                   | 37.685            |                    |         |
| 10,100.00               | 6,921.40            | 6,417.00            | 6,392.48            | 96.14           | 28.40       | -60.48                | 280.37                            | 364.74     | 2,848.35             | 2,775.12              | 73.23                   | 38.898            |                    |         |
| 10,200.00               | 6,920.49            | 6,417.00            | 6,392.48            | 98.79           | 28.40       | -60.48                | 280.37                            | 364.74     | 2,940.73             | 2,867.43              | 73.30                   | 40.120            |                    |         |
| 10,300.00               | 6,919.58            | 6,417.00            | 6,392.48            | 101.45          | 28.40       | -60.48                | 280.37                            | 364.74     | 3,033.60             | 2,960.24              | 73.36                   | 41.352            |                    |         |
| 10,400.00               | 6,918.67            | 6,417.00            | 6,392.48            | 104.13          | 28.40       | -60.48                | 280.37                            | 364.74     | 3,126.90             | 3,053.48              | 73.42                   | 42.591            |                    |         |
| 10,500.00               | 6,917.75            | 6,417.00            | 6,392.48            | 106.81          | 28.40       | -60.48                | 280.37                            | 364.74     | 3,220.61             | 3,147.14              | 73.47                   | 43.838            |                    |         |
| 10,600.00               | 6,916.84            | 6,417.00            | 6,392.48            | 109.50          | 28.40       | -60.48                | 280.37                            | 364.74     | 3,314.68             | 3,241.17              | 73.51                   | 45.090            |                    |         |
| 10,700.00               | 6,915.93            | 6,417.00            | 6,392.48            | 112.19          | 28.40       | -60.48                | 280.37                            | 364.74     | 3,409.10             | 3,335.54              | 73.55                   | 46.348            |                    |         |
| 10,800.00               | 6,915.02            | 6,417.00            | 6,392.48            | 114.90          | 28.40       | -60.48                | 280.37                            | 364.74     | 3,503.82             | 3,430.23              | 73.59                   | 47.612            |                    |         |
| 10,900.00               | 6,914.11            | 6,417.00            | 6,392.48            | 117.61          | 28.40       | -60.48                | 280.37                            | 364.74     | 3,598.83             | 3,525.20              | 73.63                   | 48.879            |                    |         |
| 11,000.00               | 6,913.20            | 6,417.00            | 6,392.48            | 120.32          | 28.40       | -60.48                | 280.37                            | 364.74     | 3,694.10             | 3,620.44              | 73.66                   | 50.151            |                    |         |
| 11,100.00               | 6,912.28            | 6,417.00            | 6,392.48            | 123.04          | 28.40       | -60.48                | 280.37                            | 364.74     | 3,789.61             | 3,715.92              | 73.69                   | 51.426            |                    |         |
| 11,200.00               | 6,911.37            | 6,417.00            | 6,392.48            | 125.77          | 28.40       | -60.48                | 280.37                            | 364.74     | 3,885.35             | 3,811.63              | 73.72                   | 52.704            |                    |         |
| 11,300.00               | 6,910.46            | 6,417.00            | 6,392.48            | 128.50          | 28.40       | -60.48                | 280.37                            | 364.74     | 3,981.30             | 3,907.56              | 73.75                   | 53.985            |                    |         |
| 11,400.00               | 6,909.55            | 6,417.00            | 6,392.48            | 131.24          | 28.40       | -60.48                | 280.37                            | 364.74     | 4,077.45             | 4,003.67              | 73.78                   | 55.269            |                    |         |
| 11,500.00               | 6,908.64            | 6,417.00            | 6,392.48            | 133.98          | 28.40       | -60.48                | 280.37                            | 364.74     | 4,173.78             | 4,099.97              | 73.80                   | 56.554            |                    |         |
| 11,600.00               | 6,907.73            | 6,417.00            | 6,392.48            | 136.72          | 28.40       | -60.48                | 280.37                            | 364.74     | 4,270.27             | 4,196.44              | 73.83                   | 57.841            |                    |         |
| 11,700.00               | 6,906.81            | 6,417.00            | 6,392.48            | 139.47          | 28.40       | -60.48                | 280.37                            | 364.74     | 4,366.92             | 4,293.07              | 73.85                   | 59.130            |                    |         |
| 11,800.00               | 6,905.90            | 6,417.00            | 6,392.48            | 142.22          | 28.40       | -60.48                | 280.37                            | 364.74     | 4,463.72             | 4,389.84              | 73.88                   | 60.420            |                    |         |
| 11,900.00               | 6,904.99            | 6,417.00            | 6,392.48            | 144.97          | 28.40       | -60.48                | 280.37                            | 364.74     | 4,560.66             | 4,486.76              | 73.90                   | 61.711            |                    |         |
| 12,000.00               | 6,904.08            | 6,417.00            | 6,392.48            | 147.73          | 28.40       | -60.48                | 280.37                            | 364.74     | 4,657.73             | 4,583.80              | 73.93                   | 63.002            |                    |         |
| 12,100.00               | 6,903.17            | 6,417.00            | 6,392.48            | 150.49          | 28.40       | -60.48                | 280.37                            | 364.74     | 4,754.92             | 4,680.96              | 73.95                   | 64.295            |                    |         |
| 12,200.00               | 6,902.26            | 6,417.00            | 6,392.48            | 153.26          | 28.40       | -60.48                | 280.37                            | 364.74     | 4,852.22             | 4,778.24              | 73.98                   | 65.588            |                    |         |
| 12,300.00               | 6,901.34            | 6,417.00            | 6,392.48            | 156.02          | 28.40       | -60.48                | 280.37                            | 364.74     | 4,949.63             | 4,875.63              | 74.01                   | 66.881            |                    |         |
| 12,400.00               | 6,900.43            | 6,417.00            | 6,392.48            | 158.79          | 28.40       | -60.48                | 280.37                            | 364.74     | 5,047.15             | 4,973.11              | 74.03                   | 68.174            |                    |         |
| 12,500.00               | 6,899.52            | 6,417.00            | 6,392.48            | 161.56          | 28.40       | -60.48                | 280.37                            | 364.74     | 5,144.75             | 5,070.69              | 74.06                   | 69.467            |                    |         |
| 12,600.00               | 6,898.61            | 6,417.00            | 6,392.48            | 164.34          | 28.40       | -60.48                | 280.37                            | 364.74     | 5,242.45             | 5,168.36              | 74.09                   | 70.760            |                    |         |
| 12,700.00               | 6,897.70            | 6,417.00            | 6,392.48            | 167.11          | 28.40       | -60.48                | 280.37                            | 364.74     | 5,340.23             | 5,266.12              | 74.12                   | 72.052            |                    |         |
| 12,800.00               | 6,896.79            | 6,417.00            | 6,392.48            | 169.89          | 28.40       | -60.48                | 280.37                            | 364.74     | 5,438.10             | 5,363.95              | 74.15                   | 73.344            |                    |         |
| 12,900.00               | 6,895.87            | 6,417.00            | 6,392.48            | 172.67          | 28.40       | -60.48                | 280.37                            | 364.74     | 5,536.04             | 5,461.86              | 74.17                   | 74.635            |                    |         |
| 13,000.00               | 6,894.96            | 6,417.00            | 6,392.48            | 175.45          | 28.40       | -60.48                | 280.37                            | 364.74     | 5,634.05             | 5,559.85              | 74.20                   | 75.926            |                    |         |
| 13,100.00               | 6,894.05            | 6,417.00            | 6,392.48            | 178.23          | 28.40       | -60.48                | 280.37                            | 364.74     | 5,732.13             | 5,657.90              | 74.24                   | 77.216            |                    |         |
| 13,200.00               | 6,893.14            | 6,417.00            | 6,392.48            | 181.02          | 28.40       | -60.48                | 280.37                            | 364.74     | 5,830.28             | 5,756.01              | 74.27                   | 78.504            |                    |         |
| 13,300.00               | 6,892.23            | 6,417.00            | 6,392.48            | 183.80          | 28.40       | -60.48                | 280.37                            | 364.74     | 5,928.49             | 5,854.19              | 74.30                   | 79.792            |                    |         |
| 13,400.00               | 6,891.31            | 6,417.00            | 6,392.48            | 186.59          | 28.40       | -60.48                | 280.37                            | 364.74     | 6,026.75             | 5,952.42              | 74.33                   | 81.079            |                    |         |
| 13,500.00               | 6,890.40            | 6,417.00            | 6,392.48            | 189.38          | 28.40       | -60.48                | 280.37                            | 364.74     | 6,125.08             | 6,050.71              | 74.37                   | 82.364            |                    |         |
| 13,600.00               | 6,889.49            | 6,417.00            | 6,392.48            | 192.17          | 28.40       | -60.48                | 280.37                            | 364.74     | 6,223.45             | 6,149.05              | 74.40                   | 83.648            |                    |         |
| 13,700.00               | 6,888.58            | 6,417.00            | 6,392.48            | 194.97          | 28.40       | -60.48                | 280.37                            | 364.74     | 6,321.88             | 6,247.45              | 74.44                   | 84.931            |                    |         |
| 13,800.00               | 6,887.67            | 6,417.00            | 6,392.48            | 197.76          | 28.40       | -60.48                | 280.37                            | 364.74     | 6,420.36             | 6,345.89              | 74.47                   | 86.212            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 133-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   | Warning            |         |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 13,900.00               | 6,886.76            | 6,417.00            | 6,392.48            | 200.56          | 28.40       | -60.48                | 280.37                            | 364.74     | 6,518.88             | 6,444.37              | 74.51                   | 87.492            |                    |         |
| 14,000.00               | 6,885.84            | 6,417.00            | 6,392.48            | 203.35          | 28.40       | -60.48                | 280.37                            | 364.74     | 6,617.45             | 6,542.90              | 74.55                   | 88.770            |                    |         |
| 14,100.00               | 6,884.93            | 6,417.00            | 6,392.48            | 206.15          | 28.40       | -60.48                | 280.37                            | 364.74     | 6,716.06             | 6,641.47              | 74.58                   | 90.046            |                    |         |
| 14,200.00               | 6,884.02            | 6,417.00            | 6,392.48            | 208.95          | 28.40       | -60.48                | 280.37                            | 364.74     | 6,814.71             | 6,740.08              | 74.62                   | 91.320            |                    |         |
| 14,300.00               | 6,883.11            | 6,417.00            | 6,392.48            | 211.75          | 28.40       | -60.48                | 280.37                            | 364.74     | 6,913.40             | 6,838.73              | 74.66                   | 92.593            |                    |         |
| 14,400.00               | 6,882.20            | 6,417.00            | 6,392.48            | 214.55          | 28.40       | -60.48                | 280.37                            | 364.74     | 7,012.12             | 6,937.42              | 74.71                   | 93.864            |                    |         |
| 14,500.00               | 6,881.29            | 6,417.00            | 6,392.48            | 217.35          | 28.40       | -60.48                | 280.37                            | 364.74     | 7,110.88             | 7,036.14              | 74.75                   | 95.133            |                    |         |
| 14,600.00               | 6,880.37            | 6,417.00            | 6,392.48            | 220.15          | 28.40       | -60.48                | 280.37                            | 364.74     | 7,209.68             | 7,134.89              | 74.79                   | 96.400            |                    |         |
| 14,700.00               | 6,879.46            | 6,417.00            | 6,392.48            | 222.95          | 28.40       | -60.48                | 280.37                            | 364.74     | 7,308.51             | 7,233.67              | 74.83                   | 97.664            |                    |         |
| 14,800.00               | 6,878.55            | 6,417.00            | 6,392.48            | 225.76          | 28.40       | -60.48                | 280.37                            | 364.74     | 7,407.37             | 7,332.49              | 74.88                   | 98.927            |                    |         |
| 14,900.00               | 6,877.64            | 6,417.00            | 6,392.48            | 228.56          | 28.40       | -60.48                | 280.37                            | 364.74     | 7,506.26             | 7,431.33              | 74.92                   | 100.187           |                    |         |
| 15,000.00               | 6,876.73            | 6,374.71            | 6,350.39            | 231.37          | 28.24       | -58.60                | 281.17                            | 360.74     | 7,603.90             | 7,529.02              | 74.87                   | 101.555           |                    |         |
| 15,100.00               | 6,875.82            | 6,374.02            | 6,349.70            | 234.18          | 28.24       | -58.57                | 281.18                            | 360.70     | 7,702.80             | 7,627.88              | 74.92                   | 102.813           |                    |         |
| 15,200.00               | 6,874.90            | 6,373.35            | 6,349.03            | 236.98          | 28.24       | -58.54                | 281.19                            | 360.65     | 7,801.74             | 7,726.77              | 74.97                   | 104.069           |                    |         |
| 15,300.00               | 6,873.99            | 6,372.69            | 6,348.38            | 239.79          | 28.23       | -58.51                | 281.20                            | 360.61     | 7,900.70             | 7,825.68              | 75.01                   | 105.322           |                    |         |
| 15,400.00               | 6,873.08            | 6,372.05            | 6,347.74            | 242.60          | 28.23       | -58.48                | 281.21                            | 360.57     | 7,999.68             | 7,924.62              | 75.06                   | 106.573           |                    |         |
| 15,500.00               | 6,872.17            | 6,371.42            | 6,347.11            | 245.41          | 28.23       | -58.46                | 281.22                            | 360.53     | 8,098.69             | 8,023.58              | 75.11                   | 107.822           |                    |         |
| 15,600.00               | 6,871.26            | 6,370.81            | 6,346.50            | 248.22          | 28.23       | -58.43                | 281.23                            | 360.49     | 8,197.73             | 8,122.57              | 75.16                   | 109.068           |                    |         |
| 15,700.00               | 6,870.35            | 6,370.21            | 6,345.90            | 251.03          | 28.22       | -58.40                | 281.23                            | 360.45     | 8,296.78             | 8,221.57              | 75.21                   | 110.312           |                    |         |
| 15,737.91               | 6,870.00            | 6,369.99            | 6,345.67            | 252.10          | 28.22       | -58.39                | 281.24                            | 360.44     | 8,334.34             | 8,259.10              | 75.23                   | 110.782           |                    |         |
| 15,738.53               | 6,869.99            | 6,369.98            | 6,345.67            | 252.11          | 28.22       | -58.39                | 281.24                            | 360.44     | 8,334.95             | 8,259.72              | 75.23                   | 110.790           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 99.06                 | -80.50                            | 504.97     | 511.40               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 98.74               | 98.74               | 3.28            | 3.30        | 99.13                 | -81.02                            | 503.88     | 510.39               | 503.80                | 6.58                    | 77.518            |                    |         |
| 200.00                 | 200.00              | 199.76              | 199.74              | 3.34            | 3.37        | 99.24                 | -81.80                            | 502.60     | 509.26               | 502.54                | 6.71                    | 75.868            |                    |         |
| 300.00                 | 300.00              | 302.39              | 302.35              | 3.44            | 3.51        | 99.35                 | -82.45                            | 500.85     | 507.68               | 500.72                | 6.95                    | 72.997            |                    |         |
| 400.00                 | 399.98              | 402.63              | 402.57              | 3.60            | 3.69        | 69.53                 | -82.96                            | 498.82     | 505.15               | 497.86                | 7.29                    | 69.276            |                    |         |
| 500.00                 | 499.84              | 509.14              | 509.04              | 3.81            | 3.93        | 70.34                 | -83.57                            | 496.04     | 500.88               | 493.15                | 7.73                    | 64.764            |                    |         |
| 550.00                 | 549.68              | 561.41              | 561.28              | 3.93            | 4.06        | 70.91                 | -83.87                            | 494.13     | 497.83               | 489.84                | 7.98                    | 62.365            |                    |         |
| 600.00                 | 599.45              | 613.46              | 613.28              | 4.06            | 4.20        | 69.31                 | -84.15                            | 491.96     | 494.19               | 485.94                | 8.25                    | 59.919            |                    |         |
| 700.00                 | 698.71              | 706.37              | 706.12              | 4.33            | 4.47        | 67.96                 | -84.82                            | 488.54     | 486.23               | 477.45                | 8.78                    | 55.358            |                    |         |
| 800.00                 | 797.49              | 806.90              | 806.59              | 4.64            | 4.78        | 68.29                 | -85.41                            | 484.97     | 477.03               | 467.62                | 9.40                    | 50.743            |                    |         |
| 900.00                 | 895.68              | 897.01              | 896.66              | 4.97            | 5.08        | 69.42                 | -86.16                            | 482.42     | 467.54               | 457.51                | 10.03                   | 46.627            |                    |         |
| 1,000.00               | 993.14              | 993.05              | 992.67              | 5.33            | 5.41        | 71.47                 | -87.20                            | 480.53     | 458.32               | 447.60                | 10.72                   | 42.759            |                    |         |
| 1,039.84               | 1,031.75            | 1,032.58            | 1,032.19            | 5.48            | 5.55        | 72.54                 | -87.73                            | 479.69     | 454.56               | 443.55                | 11.01                   | 41.284            |                    |         |
| 1,100.00               | 1,089.94            | 1,091.97            | 1,091.55            | 5.72            | 5.77        | 74.58                 | -88.82                            | 478.10     | 449.01               | 437.55                | 11.46                   | 39.178            |                    |         |
| 1,200.00               | 1,186.67            | 1,190.04            | 1,189.53            | 6.13            | 6.13        | 78.15                 | -91.10                            | 474.72     | 440.63               | 428.39                | 12.24                   | 36.012            |                    |         |
| 1,300.00               | 1,283.39            | 1,285.08            | 1,284.47            | 6.55            | 6.50        | 81.77                 | -93.62                            | 471.12     | 433.94               | 420.91                | 13.03                   | 33.306            |                    |         |
| 1,400.00               | 1,380.12            | 1,379.61            | 1,378.90            | 6.99            | 6.87        | 85.46                 | -96.27                            | 467.62     | 429.35               | 415.51                | 13.84                   | 31.016            |                    |         |
| 1,500.00               | 1,476.85            | 1,473.80            | 1,473.01            | 7.45            | 7.24        | 89.16                 | -98.80                            | 464.54     | 427.04               | 412.37                | 14.67                   | 29.105            |                    |         |
| 1,562.57               | 1,537.37            | 1,533.98            | 1,533.15            | 7.73            | 7.48        | 91.47                 | -100.12                           | 462.93     | 426.71               | 411.50                | 15.20                   | 28.068 CC         |                    |         |
| 1,600.00               | 1,573.57            | 1,570.33            | 1,569.48            | 7.90            | 7.62        | 92.84                 | -100.71                           | 462.09     | 426.82               | 411.30                | 15.52                   | 27.496 ES         |                    |         |
| 1,700.00               | 1,670.30            | 1,669.76            | 1,668.86            | 8.37            | 8.03        | 96.62                 | -102.33                           | 459.15     | 427.96               | 411.56                | 16.40                   | 26.101            |                    |         |
| 1,800.00               | 1,767.03            | 1,758.06            | 1,757.02            | 8.85            | 8.39        | 100.20                | -105.29                           | 455.29     | 431.37               | 414.14                | 17.23                   | 25.035            |                    |         |
| 1,900.00               | 1,863.75            | 1,843.96            | 1,842.64            | 9.32            | 8.75        | 103.87                | -110.68                           | 451.03     | 438.81               | 420.76                | 18.05                   | 24.310            |                    |         |
| 2,000.00               | 1,960.48            | 1,934.15            | 1,932.39            | 9.81            | 9.14        | 107.73                | -118.24                           | 446.40     | 450.16               | 431.28                | 18.89                   | 23.835            |                    |         |
| 2,100.00               | 2,057.21            | 2,026.43            | 2,024.31            | 10.29           | 9.54        | 111.34                | -125.67                           | 442.95     | 464.17               | 444.44                | 19.73                   | 23.530            |                    |         |
| 2,200.00               | 2,153.93            | 2,119.39            | 2,116.89            | 10.78           | 9.94        | 114.76                | -133.35                           | 439.72     | 480.42               | 459.85                | 20.57                   | 23.357            |                    |         |
| 2,300.00               | 2,250.66            | 2,213.44            | 2,210.37            | 11.28           | 10.36       | 118.26                | -142.19                           | 434.37     | 498.70               | 477.28                | 21.42                   | 23.286            |                    |         |
| 2,400.00               | 2,347.39            | 2,305.97            | 2,302.44            | 11.77           | 10.77       | 121.35                | -150.39                           | 430.20     | 518.64               | 496.39                | 22.25                   | 23.314            |                    |         |
| 2,500.00               | 2,444.11            | 2,399.67            | 2,395.76            | 12.27           | 11.18       | 124.07                | -158.50                           | 427.66     | 540.30               | 517.23                | 23.08                   | 23.413            |                    |         |
| 2,600.00               | 2,540.84            | 2,497.10            | 2,492.82            | 12.77           | 11.61       | 126.66                | -166.59                           | 425.30     | 562.88               | 538.93                | 23.94                   | 23.510            |                    |         |
| 2,700.00               | 2,637.57            | 2,591.16            | 2,586.42            | 13.27           | 12.04       | 129.21                | -174.49                           | 420.57     | 586.14               | 561.36                | 24.78                   | 23.655            |                    |         |
| 2,800.00               | 2,734.30            | 2,684.31            | 2,679.13            | 13.78           | 12.47       | 131.53                | -182.42                           | 416.11     | 610.61               | 585.00                | 25.61                   | 23.845            |                    |         |
| 2,900.00               | 2,831.02            | 2,779.09            | 2,773.47            | 14.28           | 12.90       | 133.69                | -190.46                           | 411.85     | 636.02               | 609.57                | 26.45                   | 24.046            |                    |         |
| 3,000.00               | 2,927.75            | 2,875.55            | 2,869.55            | 14.79           | 13.34       | 135.64                | -198.30                           | 408.51     | 661.96               | 634.66                | 27.31                   | 24.242            |                    |         |
| 3,100.00               | 3,024.48            | 2,965.39            | 2,959.06            | 15.29           | 13.75       | 137.27                | -205.53                           | 405.96     | 688.51               | 660.40                | 28.10                   | 24.500            |                    |         |
| 3,200.00               | 3,121.20            | 3,060.23            | 3,053.43            | 15.80           | 14.18       | 139.02                | -213.88                           | 401.55     | 716.32               | 687.38                | 28.95                   | 24.747            |                    |         |
| 3,300.00               | 3,217.93            | 3,173.67            | 3,166.43            | 16.31           | 14.70       | 140.94                | -222.23                           | 396.29     | 743.40               | 713.43                | 29.97                   | 24.804            |                    |         |
| 3,400.00               | 3,314.66            | 3,277.49            | 3,269.91            | 16.82           | 15.18       | 142.70                | -227.43                           | 389.73     | 768.83               | 737.93                | 30.90                   | 24.881            |                    |         |
| 3,500.00               | 3,411.38            | 3,378.80            | 3,370.98            | 17.33           | 15.63       | 144.25                | -231.66                           | 384.21     | 793.95               | 762.15                | 31.81                   | 24.962            |                    |         |
| 3,600.00               | 3,508.11            | 3,461.89            | 3,453.89            | 17.84           | 16.01       | 145.42                | -235.40                           | 380.11     | 819.80               | 787.25                | 32.55                   | 25.182            |                    |         |
| 3,700.00               | 3,604.84            | 3,572.79            | 3,564.55            | 18.36           | 16.51       | 146.86                | -240.46                           | 374.86     | 846.12               | 812.58                | 33.55                   | 25.221            |                    |         |
| 3,800.00               | 3,701.56            | 3,645.75            | 3,637.31            | 18.87           | 16.84       | 147.81                | -243.76                           | 370.61     | 872.87               | 838.66                | 34.21                   | 25.518            |                    |         |
| 3,900.00               | 3,798.29            | 3,731.27            | 3,722.42            | 19.38           | 17.24       | 148.94                | -249.06                           | 364.24     | 901.80               | 866.83                | 34.97                   | 25.787            |                    |         |
| 4,000.00               | 3,895.02            | 3,821.06            | 3,811.76            | 19.89           | 17.67       | 150.06                | -255.04                           | 357.50     | 931.55               | 895.77                | 35.78                   | 26.037            |                    |         |
| 4,100.00               | 3,991.74            | 3,914.03            | 3,904.22            | 20.41           | 18.11       | 151.15                | -261.51                           | 350.38     | 961.96               | 925.34                | 36.62                   | 26.270            |                    |         |
| 4,200.00               | 4,088.47            | 4,011.95            | 4,001.65            | 20.92           | 18.57       | 152.22                | -268.19                           | 343.17     | 992.49               | 954.98                | 37.51                   | 26.459            |                    |         |
| 4,300.00               | 4,185.20            | 4,097.45            | 4,086.75            | 21.44           | 18.98       | 153.09                | -273.98                           | 337.16     | 1,023.20             | 984.92                | 38.28                   | 26.733            |                    |         |
| 4,400.00               | 4,281.92            | 4,186.46            | 4,175.27            | 21.95           | 19.40       | 153.89                | -281.30                           | 331.56     | 1,055.26             | 1,016.18              | 39.08                   | 27.005            |                    |         |
| 4,500.00               | 4,378.65            | 4,302.86            | 4,291.17            | 22.47           | 19.95       | 154.83                | -289.94                           | 325.06     | 1,086.68             | 1,046.52              | 40.16                   | 27.057            |                    |         |
| 4,600.00               | 4,475.38            | 4,397.32            | 4,385.35            | 22.99           | 20.39       | 155.54                | -295.60                           | 320.49     | 1,116.71             | 1,075.69              | 41.02                   | 27.223            |                    |         |
| 4,700.00               | 4,572.10            | 4,496.57            | 4,484.31            | 23.50           | 20.85       | 156.20                | -302.09                           | 316.34     | 1,147.23             | 1,105.30              | 41.93                   | 27.361            |                    |         |
| 4,800.00               | 4,668.83            | 4,615.39            | 4,602.88            | 24.02           | 21.38       | 156.86                | -308.85                           | 313.58     | 1,176.59             | 1,133.58              | 43.01                   | 27.355            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00               | 4,765.56            | 4,783.78            | 4,771.22            | 24.53           | 22.03       | 157.58                | -311.04                           | 315.07     | 1,200.35             | 1,155.95              | 44.40                   | 27.034            |                    |         |
| 5,000.00               | 4,862.28            | 4,884.21            | 4,871.64            | 25.05           | 22.40       | 158.03                | -309.95                           | 315.80     | 1,222.73             | 1,177.46              | 45.27                   | 27.012            |                    |         |
| 5,100.00               | 4,959.01            | 4,980.33            | 4,967.75            | 25.57           | 22.77       | 158.49                | -308.57                           | 315.66     | 1,245.11             | 1,199.00              | 46.11                   | 27.002            |                    |         |
| 5,200.00               | 5,055.74            | 5,074.39            | 5,061.79            | 26.09           | 23.14       | 158.95                | -307.11                           | 314.74     | 1,267.73             | 1,220.78              | 46.95                   | 27.001            |                    |         |
| 5,300.00               | 5,152.46            | 5,168.44            | 5,155.82            | 26.60           | 23.51       | 159.43                | -305.69                           | 313.25     | 1,290.66             | 1,242.86              | 47.80                   | 27.004            |                    |         |
| 5,400.00               | 5,249.19            | 5,251.81            | 5,239.18            | 27.12           | 23.85       | 159.82                | -304.99                           | 312.26     | 1,314.18             | 1,265.62              | 48.56                   | 27.061            |                    |         |
| 5,500.00               | 5,345.92            | 5,347.20            | 5,334.56            | 27.64           | 24.23       | 160.15                | -305.69                           | 312.78     | 1,338.59             | 1,289.17              | 49.42                   | 27.085            |                    |         |
| 5,600.00               | 5,442.65            | 5,454.77            | 5,442.14            | 28.16           | 24.67       | 160.56                | -305.59                           | 312.67     | 1,362.53             | 1,312.16              | 50.37                   | 27.051            |                    |         |
| 5,700.00               | 5,539.37            | 5,533.49            | 5,520.85            | 28.68           | 24.99       | 160.87                | -305.30                           | 312.00     | 1,386.57             | 1,335.46              | 51.11                   | 27.130            |                    |         |
| 5,800.00               | 5,636.10            | 5,628.56            | 5,615.90            | 29.20           | 25.39       | 161.26                | -305.97                           | 310.36     | 1,411.89             | 1,359.91              | 51.97                   | 27.166            |                    |         |
| 5,900.00               | 5,732.83            | 5,741.74            | 5,729.06            | 29.71           | 25.87       | 161.73                | -305.45                           | 308.03     | 1,436.34             | 1,383.36              | 52.98                   | 27.113            |                    |         |
| 6,000.00               | 5,829.55            | 5,823.19            | 5,810.48            | 30.23           | 26.21       | 162.08                | -304.80                           | 306.16     | 1,460.68             | 1,406.94              | 53.74                   | 27.182            |                    |         |
| 6,100.00               | 5,926.28            | 5,966.41            | 5,953.68            | 30.75           | 26.80       | 162.58                | -304.06                           | 304.89     | 1,485.07             | 1,430.13              | 54.95                   | 27.028            |                    |         |
| 6,200.00               | 6,023.01            | 6,053.98            | 6,041.23            | 31.27           | 27.14       | 162.89                | -302.14                           | 304.28     | 1,507.63             | 1,451.89              | 55.75                   | 27.045            |                    |         |
| 6,300.00               | 6,119.73            | 6,128.22            | 6,115.46            | 31.79           | 27.44       | 163.14                | -301.13                           | 303.67     | 1,531.07             | 1,474.61              | 56.46                   | 27.120            |                    |         |
| 6,397.75               | 6,214.28            | 6,244.60            | 6,231.81            | 32.30           | 27.92       | 163.54                | -299.58                           | 302.18     | 1,554.24             | 1,496.77              | 57.47                   | 27.044            |                    |         |
| 6,400.00               | 6,216.46            | 6,247.45            | 6,234.66            | 32.31           | 27.93       | 164.18                | -299.50                           | 302.11     | 1,554.75             | 1,497.26              | 57.49                   | 27.042            |                    |         |
| 6,450.00               | 6,265.12            | 6,285.55            | 6,272.76            | 32.56           | 28.09       | -178.78               | -298.86                           | 301.63     | 1,565.54             | 1,507.69              | 57.85                   | 27.062            |                    |         |
| 6,500.00               | 6,314.12            | 6,328.94            | 6,316.14            | 32.78           | 28.26       | -156.61               | -298.40                           | 301.38     | 1,574.85             | 1,516.62              | 58.23                   | 27.043            |                    |         |
| 6,550.00               | 6,363.16            | 6,391.25            | 6,378.44            | 32.99           | 28.51       | -133.97               | -297.56                           | 300.98     | 1,582.34             | 1,523.59              | 58.75                   | 26.933            |                    |         |
| 6,600.00               | 6,411.94            | 6,447.25            | 6,434.42            | 33.18           | 28.73       | -116.32               | -296.25                           | 300.36     | 1,587.75             | 1,528.53              | 59.21                   | 26.814            |                    |         |
| 6,650.00               | 6,460.15            | 6,495.47            | 6,482.63            | 33.35           | 28.92       | -104.50               | -295.67                           | 301.30     | 1,591.41             | 1,531.78              | 59.62                   | 26.692            |                    |         |
| 6,700.00               | 6,507.49            | 6,569.80            | 6,556.64            | 33.52           | 29.20       | -97.41                | -296.27                           | 307.62     | 1,593.26             | 1,533.07              | 60.20                   | 26.468            |                    |         |
| 6,750.00               | 6,553.69            | 6,645.90            | 6,630.76            | 33.69           | 29.47       | -93.53                | -299.09                           | 324.32     | 1,592.66             | 1,531.89              | 60.77                   | 26.210            |                    |         |
| 6,800.00               | 6,598.44            | 6,697.71            | 6,679.40            | 33.85           | 29.64       | -91.14                | -302.50                           | 341.78     | 1,590.55             | 1,529.35              | 61.20                   | 25.989            |                    |         |
| 6,850.00               | 6,641.47            | 6,765.34            | 6,741.02            | 34.02           | 29.84       | -90.52                | -307.49                           | 369.18     | 1,587.42             | 1,525.68              | 61.74                   | 25.713            |                    |         |
| 6,900.00               | 6,682.53            | 7,079.27            | 6,999.68            | 34.19           | 30.77       | -99.31                | -310.40                           | 541.98     | 1,580.27             | 1,517.13              | 63.14                   | 25.027            |                    |         |
| 6,950.00               | 6,721.35            | 7,089.91            | 7,007.30            | 34.38           | 30.82       | -98.57                | -310.05                           | 549.39     | 1,573.91             | 1,510.29              | 63.62                   | 24.740            |                    |         |
| 7,000.00               | 6,757.70            | 7,093.99            | 7,010.22            | 34.57           | 30.83       | -97.87                | -309.91                           | 552.25     | 1,568.52             | 1,504.45              | 64.07                   | 24.481            |                    |         |
| 7,050.00               | 6,791.35            | 7,091.88            | 7,008.71            | 34.79           | 30.82       | -97.12                | -309.98                           | 550.77     | 1,564.19             | 1,499.69              | 64.49                   | 24.253            |                    |         |
| 7,100.00               | 6,822.10            | 7,083.92            | 7,003.02            | 35.03           | 30.79       | -96.26                | -310.25                           | 545.22     | 1,560.92             | 1,496.03              | 64.89                   | 24.054            |                    |         |
| 7,150.00               | 6,849.75            | 7,070.52            | 6,993.39            | 35.30           | 30.74       | -95.29                | -310.68                           | 535.90     | 1,558.69             | 1,493.43              | 65.26                   | 23.883            |                    |         |
| 7,200.00               | 6,874.14            | 7,052.03            | 6,980.06            | 35.61           | 30.67       | -94.19                | -311.21                           | 523.10     | 1,557.43             | 1,491.82              | 65.61                   | 23.738            |                    |         |
| 7,250.00               | 6,895.11            | 7,028.85            | 6,963.25            | 35.95           | 30.59       | -92.98                | -311.80                           | 507.15     | 1,557.02             | 1,491.09              | 65.93                   | 23.617            |                    |         |
| 7,252.60               | 6,896.10            | 7,027.52            | 6,962.29            | 35.97           | 30.59       | -92.91                | -311.83                           | 506.24     | 1,557.02             | 1,491.07              | 65.95                   | 23.610            |                    |         |
| 7,300.00               | 6,912.54            | 7,005.58            | 6,946.17            | 36.34           | 30.52       | -91.82                | -312.27                           | 491.35     | 1,557.30             | 1,491.05              | 66.25                   | 23.506            |                    |         |
| 7,350.00               | 6,926.31            | 6,963.24            | 6,914.41            | 36.77           | 30.40       | -90.08                | -312.85                           | 463.39     | 1,558.08             | 1,491.60              | 66.48                   | 23.437            |                    |         |
| 7,400.00               | 6,936.35            | 6,930.45            | 6,887.80            | 37.25           | 30.32       | -88.70                | -312.91                           | 444.24     | 1,559.21             | 1,492.43              | 66.78                   | 23.347            |                    |         |
| 7,450.00               | 6,942.59            | 6,905.72            | 6,866.73            | 37.76           | 30.25       | -87.63                | -312.73                           | 431.31     | 1,560.70             | 1,493.53              | 67.17                   | 23.234            |                    |         |
| 7,500.00               | 6,944.99            | 6,862.91            | 6,828.95            | 38.31           | 30.13       | -86.01                | -311.91                           | 411.19     | 1,562.44             | 1,495.02              | 67.42                   | 23.175            |                    |         |
| 7,512.10               | 6,945.00            | 6,852.32            | 6,819.52            | 38.44           | 30.10       | -85.63                | -311.61                           | 406.39     | 1,562.87             | 1,495.39              | 67.48                   | 23.162            |                    |         |
| 7,600.00               | 6,944.19            | 6,780.18            | 6,754.49            | 39.51           | 29.89       | -83.25                | -308.38                           | 375.34     | 1,567.48             | 1,499.53              | 67.95                   | 23.069            |                    |         |
| 7,700.00               | 6,943.28            | 6,708.00            | 6,688.82            | 40.90           | 29.67       | -80.85                | -303.33                           | 345.81     | 1,576.67             | 1,508.06              | 68.61                   | 22.981            |                    |         |
| 7,800.00               | 6,942.37            | 6,708.00            | 6,688.82            | 42.44           | 29.67       | -80.85                | -303.33                           | 345.81     | 1,591.24             | 1,521.05              | 70.19                   | 22.669            |                    |         |
| 7,900.00               | 6,941.46            | 6,676.73            | 6,659.92            | 44.11           | 29.57       | -79.79                | -300.97                           | 334.12     | 1,611.09             | 1,539.69              | 71.40                   | 22.564            |                    |         |
| 8,000.00               | 6,940.55            | 6,664.51            | 6,648.43            | 45.90           | 29.53       | -79.37                | -300.17                           | 330.03     | 1,636.76             | 1,563.94              | 72.82                   | 22.477 SF         |                    |         |
| 8,100.00               | 6,939.64            | 6,653.72            | 6,638.21            | 47.80           | 29.49       | -79.00                | -299.53                           | 326.64     | 1,667.82             | 1,593.62              | 74.20                   | 22.477            |                    |         |
| 8,200.00               | 6,938.72            | 6,644.13            | 6,629.07            | 49.79           | 29.46       | -78.67                | -299.00                           | 323.81     | 1,704.00             | 1,628.48              | 75.52                   | 22.564            |                    |         |
| 8,300.00               | 6,937.81            | 6,613.00            | 6,599.02            | 51.86           | 29.36       | -77.59                | -297.58                           | 315.79     | 1,745.51             | 1,669.02              | 76.49                   | 22.819            |                    |         |
| 8,400.00               | 6,936.90            | 6,613.00            | 6,599.02            | 54.01           | 29.36       | -77.59                | -297.58                           | 315.79     | 1,790.78             | 1,713.04              | 77.74                   | 23.035            |                    |         |
| 8,500.00               | 6,935.99            | 6,613.00            | 6,599.02            | 56.21           | 29.36       | -77.59                | -297.58                           | 315.79     | 1,840.37             | 1,761.49              | 78.87                   | 23.333            |                    |         |
| 8,600.00               | 6,935.08            | 6,613.00            | 6,599.02            | 58.47           | 29.36       | -77.59                | -297.58                           | 315.79     | 1,893.94             | 1,814.05              | 79.89                   | 23.706            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWVD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,700.00                | 6,934.17            | 6,613.00            | 6,599.02            | 60.78           | 29.36       | -77.59                | -297.58                           | 315.79     | 1,951.18             | 1,870.37              | 80.81                   | 24.146            |                    |         |
| 8,800.00                | 6,933.25            | 6,613.00            | 6,599.02            | 63.13           | 29.36       | -77.59                | -297.58                           | 315.79     | 2,011.76             | 1,930.13              | 81.62                   | 24.647            |                    |         |
| 8,900.00                | 6,932.34            | 6,613.00            | 6,599.02            | 65.52           | 29.36       | -77.59                | -297.58                           | 315.79     | 2,075.39             | 1,993.04              | 82.34                   | 25.205            |                    |         |
| 9,000.00                | 6,931.43            | 6,613.00            | 6,599.02            | 67.95           | 29.36       | -77.59                | -297.58                           | 315.79     | 2,141.80             | 2,058.82              | 82.98                   | 25.812            |                    |         |
| 9,100.00                | 6,930.52            | 6,613.00            | 6,599.02            | 70.40           | 29.36       | -77.59                | -297.58                           | 315.79     | 2,210.74             | 2,127.20              | 83.54                   | 26.465            |                    |         |
| 9,200.00                | 6,929.61            | 6,613.00            | 6,599.02            | 72.89           | 29.36       | -77.59                | -297.58                           | 315.79     | 2,281.98             | 2,197.96              | 84.03                   | 27.158            |                    |         |
| 9,300.00                | 6,928.69            | 6,613.00            | 6,599.02            | 75.40           | 29.36       | -77.59                | -297.58                           | 315.79     | 2,355.32             | 2,270.86              | 84.46                   | 27.888            |                    |         |
| 9,400.00                | 6,927.78            | 6,613.00            | 6,599.02            | 77.93           | 29.36       | -77.59                | -297.58                           | 315.79     | 2,430.55             | 2,345.72              | 84.83                   | 28.652            |                    |         |
| 9,500.00                | 6,926.87            | 6,574.57            | 6,561.35            | 80.48           | 29.22       | -76.25                | -296.38                           | 308.35     | 2,505.94             | 2,421.04              | 84.91                   | 29.514            |                    |         |
| 9,600.00                | 6,925.96            | 6,571.57            | 6,558.38            | 83.05           | 29.21       | -76.15                | -296.31                           | 307.88     | 2,584.23             | 2,499.04              | 85.18                   | 30.337            |                    |         |
| 9,700.00                | 6,925.05            | 6,568.75            | 6,555.60            | 85.64           | 29.20       | -76.05                | -296.25                           | 307.46     | 2,663.95             | 2,578.52              | 85.43                   | 31.184            |                    |         |
| 9,800.00                | 6,924.14            | 6,566.11            | 6,552.99            | 88.25           | 29.19       | -75.96                | -296.20                           | 307.08     | 2,744.98             | 2,659.34              | 85.64                   | 32.053            |                    |         |
| 9,900.00                | 6,923.22            | 6,563.63            | 6,550.53            | 90.86           | 29.18       | -75.87                | -296.15                           | 306.73     | 2,827.21             | 2,741.39              | 85.82                   | 32.942            |                    |         |
| 10,000.00               | 6,922.31            | 6,561.29            | 6,548.22            | 93.50           | 29.17       | -75.79                | -296.10                           | 306.41     | 2,910.55             | 2,824.56              | 85.99                   | 33.849            |                    |         |
| 10,100.00               | 6,921.40            | 6,559.08            | 6,546.03            | 96.14           | 29.16       | -75.71                | -296.06                           | 306.12     | 2,994.89             | 2,908.76              | 86.13                   | 34.773            |                    |         |
| 10,200.00               | 6,920.49            | 6,557.00            | 6,543.96            | 98.79           | 29.15       | -75.64                | -296.02                           | 305.85     | 3,080.16             | 2,993.91              | 86.25                   | 35.713            |                    |         |
| 10,300.00               | 6,919.58            | 6,518.00            | 6,505.13            | 101.45          | 29.01       | -74.28                | -295.64                           | 302.33     | 3,167.76             | 3,081.61              | 86.15                   | 36.772            |                    |         |
| 10,400.00               | 6,918.67            | 6,518.00            | 6,505.13            | 104.13          | 29.01       | -74.28                | -295.64                           | 302.33     | 3,254.52             | 3,168.27              | 86.26                   | 37.731            |                    |         |
| 10,500.00               | 6,917.75            | 6,518.00            | 6,505.13            | 106.81          | 29.01       | -74.28                | -295.64                           | 302.33     | 3,342.03             | 3,255.67              | 86.35                   | 38.702            |                    |         |
| 10,600.00               | 6,916.84            | 6,518.00            | 6,505.13            | 109.50          | 29.01       | -74.28                | -295.64                           | 302.33     | 3,430.21             | 3,343.78              | 86.44                   | 39.684            |                    |         |
| 10,700.00               | 6,915.93            | 6,518.00            | 6,505.13            | 112.19          | 29.01       | -74.28                | -295.64                           | 302.33     | 3,519.03             | 3,432.52              | 86.51                   | 40.676            |                    |         |
| 10,800.00               | 6,915.02            | 6,518.00            | 6,505.13            | 114.90          | 29.01       | -74.28                | -295.64                           | 302.33     | 3,608.44             | 3,521.86              | 86.58                   | 41.678            |                    |         |
| 10,900.00               | 6,914.11            | 6,518.00            | 6,505.13            | 117.61          | 29.01       | -74.28                | -295.64                           | 302.33     | 3,698.39             | 3,611.75              | 86.64                   | 42.689            |                    |         |
| 11,000.00               | 6,913.20            | 6,518.00            | 6,505.13            | 120.32          | 29.01       | -74.28                | -295.64                           | 302.33     | 3,788.84             | 3,702.15              | 86.69                   | 43.708            |                    |         |
| 11,100.00               | 6,912.28            | 6,518.00            | 6,505.13            | 123.04          | 29.01       | -74.28                | -295.64                           | 302.33     | 3,879.76             | 3,793.03              | 86.73                   | 44.734            |                    |         |
| 11,200.00               | 6,911.37            | 6,518.00            | 6,505.13            | 125.77          | 29.01       | -74.28                | -295.64                           | 302.33     | 3,971.11             | 3,884.34              | 86.77                   | 45.766            |                    |         |
| 11,300.00               | 6,910.46            | 6,518.00            | 6,505.13            | 128.50          | 29.01       | -74.28                | -295.64                           | 302.33     | 4,062.88             | 3,976.07              | 86.80                   | 46.805            |                    |         |
| 11,400.00               | 6,909.55            | 6,518.00            | 6,505.13            | 131.24          | 29.01       | -74.28                | -295.64                           | 302.33     | 4,155.02             | 4,068.19              | 86.84                   | 47.849            |                    |         |
| 11,500.00               | 6,908.64            | 6,518.00            | 6,505.13            | 133.98          | 29.01       | -74.28                | -295.64                           | 302.33     | 4,247.52             | 4,160.66              | 86.86                   | 48.899            |                    |         |
| 11,600.00               | 6,907.73            | 6,518.00            | 6,505.13            | 136.72          | 29.01       | -74.28                | -295.64                           | 302.33     | 4,340.35             | 4,253.46              | 86.89                   | 49.954            |                    |         |
| 11,700.00               | 6,906.81            | 6,518.00            | 6,505.13            | 139.47          | 29.01       | -74.28                | -295.64                           | 302.33     | 4,433.50             | 4,346.59              | 86.91                   | 51.012            |                    |         |
| 11,800.00               | 6,905.90            | 6,518.00            | 6,505.13            | 142.22          | 29.01       | -74.28                | -295.64                           | 302.33     | 4,526.93             | 4,440.00              | 86.93                   | 52.075            |                    |         |
| 11,900.00               | 6,904.99            | 6,518.00            | 6,505.13            | 144.97          | 29.01       | -74.28                | -295.64                           | 302.33     | 4,620.64             | 4,533.69              | 86.95                   | 53.142            |                    |         |
| 12,000.00               | 6,904.08            | 6,518.00            | 6,505.13            | 147.73          | 29.01       | -74.28                | -295.64                           | 302.33     | 4,714.61             | 4,627.65              | 86.97                   | 54.212            |                    |         |
| 12,100.00               | 6,903.17            | 6,518.00            | 6,505.13            | 150.49          | 29.01       | -74.28                | -295.64                           | 302.33     | 4,808.82             | 4,721.84              | 86.98                   | 55.286            |                    |         |
| 12,200.00               | 6,902.26            | 6,518.00            | 6,505.13            | 153.26          | 29.01       | -74.28                | -295.64                           | 302.33     | 4,903.27             | 4,816.27              | 87.00                   | 56.362            |                    |         |
| 12,300.00               | 6,901.34            | 6,518.00            | 6,505.13            | 156.02          | 29.01       | -74.28                | -295.64                           | 302.33     | 4,997.92             | 4,910.91              | 87.01                   | 57.440            |                    |         |
| 12,400.00               | 6,900.43            | 6,518.00            | 6,505.13            | 158.79          | 29.01       | -74.28                | -295.64                           | 302.33     | 5,092.79             | 5,005.76              | 87.02                   | 58.521            |                    |         |
| 12,500.00               | 6,899.52            | 6,518.00            | 6,505.13            | 161.56          | 29.01       | -74.28                | -295.64                           | 302.33     | 5,187.84             | 5,100.80              | 87.04                   | 59.605            |                    |         |
| 12,600.00               | 6,898.61            | 6,518.00            | 6,505.13            | 164.34          | 29.01       | -74.28                | -295.64                           | 302.33     | 5,283.08             | 5,196.03              | 87.05                   | 60.690            |                    |         |
| 12,700.00               | 6,897.70            | 6,518.00            | 6,505.13            | 167.11          | 29.01       | -74.28                | -295.64                           | 302.33     | 5,378.49             | 5,291.43              | 87.06                   | 61.777            |                    |         |
| 12,800.00               | 6,896.79            | 6,518.00            | 6,505.13            | 169.89          | 29.01       | -74.28                | -295.64                           | 302.33     | 5,474.07             | 5,386.99              | 87.08                   | 62.866            |                    |         |
| 12,900.00               | 6,895.87            | 6,518.00            | 6,505.13            | 172.67          | 29.01       | -74.28                | -295.64                           | 302.33     | 5,569.80             | 5,482.71              | 87.09                   | 63.956            |                    |         |
| 13,000.00               | 6,894.96            | 6,518.00            | 6,505.13            | 175.45          | 29.01       | -74.28                | -295.64                           | 302.33     | 5,665.67             | 5,578.57              | 87.10                   | 65.047            |                    |         |
| 13,100.00               | 6,894.05            | 6,518.00            | 6,505.13            | 178.23          | 29.01       | -74.28                | -295.64                           | 302.33     | 5,761.69             | 5,674.58              | 87.11                   | 66.139            |                    |         |
| 13,200.00               | 6,893.14            | 6,518.00            | 6,505.13            | 181.02          | 29.01       | -74.28                | -295.64                           | 302.33     | 5,857.84             | 5,770.71              | 87.13                   | 67.233            |                    |         |
| 13,300.00               | 6,892.23            | 6,518.00            | 6,505.13            | 183.80          | 29.01       | -74.28                | -295.64                           | 302.33     | 5,954.12             | 5,866.98              | 87.14                   | 68.327            |                    |         |
| 13,400.00               | 6,891.31            | 6,518.00            | 6,505.13            | 186.59          | 29.01       | -74.28                | -295.64                           | 302.33     | 6,050.52             | 5,963.36              | 87.16                   | 69.422            |                    |         |
| 13,500.00               | 6,890.40            | 6,518.00            | 6,505.13            | 189.38          | 29.01       | -74.28                | -295.64                           | 302.33     | 6,147.03             | 6,059.86              | 87.17                   | 70.518            |                    |         |
| 13,600.00               | 6,889.49            | 6,518.00            | 6,505.13            | 192.17          | 29.01       | -74.28                | -295.64                           | 302.33     | 6,243.65             | 6,156.47              | 87.19                   | 71.614            |                    |         |
| 13,700.00               | 6,888.58            | 6,518.00            | 6,505.13            | 194.97          | 29.01       | -74.28                | -295.64                           | 302.33     | 6,340.38             | 6,253.18              | 87.20                   | 72.710            |                    |         |
| 13,800.00               | 6,887.67            | 6,518.00            | 6,505.13            | 197.76          | 29.01       | -74.28                | -295.64                           | 302.33     | 6,437.21             | 6,349.99              | 87.22                   | 73.807            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWVD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 13,900.00               | 6,886.76            | 6,518.00            | 6,505.13            | 200.56          | 29.01       | -74.28                | -295.64                           | 302.33     | 6,534.13             | 6,446.90              | 87.23                   | 74.903            |                    |         |
| 14,000.00               | 6,885.84            | 6,518.00            | 6,505.13            | 203.35          | 29.01       | -74.28                | -295.64                           | 302.33     | 6,631.15             | 6,543.90              | 87.25                   | 76.000            |                    |         |
| 14,100.00               | 6,884.93            | 6,518.00            | 6,505.13            | 206.15          | 29.01       | -74.28                | -295.64                           | 302.33     | 6,728.25             | 6,640.98              | 87.27                   | 77.097            |                    |         |
| 14,200.00               | 6,884.02            | 6,518.00            | 6,505.13            | 208.95          | 29.01       | -74.28                | -295.64                           | 302.33     | 6,825.44             | 6,738.15              | 87.29                   | 78.194            |                    |         |
| 14,300.00               | 6,883.11            | 6,518.00            | 6,505.13            | 211.75          | 29.01       | -74.28                | -295.64                           | 302.33     | 6,922.70             | 6,835.39              | 87.31                   | 79.291            |                    |         |
| 14,400.00               | 6,882.20            | 6,518.00            | 6,505.13            | 214.55          | 29.01       | -74.28                | -295.64                           | 302.33     | 7,020.05             | 6,932.72              | 87.33                   | 80.387            |                    |         |
| 14,500.00               | 6,881.29            | 6,518.00            | 6,505.13            | 217.35          | 29.01       | -74.28                | -295.64                           | 302.33     | 7,117.46             | 7,030.11              | 87.35                   | 81.483            |                    |         |
| 14,600.00               | 6,880.37            | 6,518.00            | 6,505.13            | 220.15          | 29.01       | -74.28                | -295.64                           | 302.33     | 7,214.95             | 7,127.58              | 87.37                   | 82.579            |                    |         |
| 14,700.00               | 6,879.46            | 6,518.00            | 6,505.13            | 222.95          | 29.01       | -74.28                | -295.64                           | 302.33     | 7,312.50             | 7,225.11              | 87.39                   | 83.674            |                    |         |
| 14,800.00               | 6,878.55            | 6,518.00            | 6,505.13            | 225.76          | 29.01       | -74.28                | -295.64                           | 302.33     | 7,410.13             | 7,322.71              | 87.42                   | 84.768            |                    |         |
| 14,900.00               | 6,877.64            | 6,518.00            | 6,505.13            | 228.56          | 29.01       | -74.28                | -295.64                           | 302.33     | 7,507.81             | 7,420.37              | 87.44                   | 85.862            |                    |         |
| 15,000.00               | 6,876.73            | 6,518.00            | 6,505.13            | 231.37          | 29.01       | -74.28                | -295.64                           | 302.33     | 7,605.55             | 7,518.09              | 87.46                   | 86.955            |                    |         |
| 15,100.00               | 6,875.82            | 6,518.00            | 6,505.13            | 234.18          | 29.01       | -74.28                | -295.64                           | 302.33     | 7,703.35             | 7,615.86              | 87.49                   | 88.048            |                    |         |
| 15,200.00               | 6,874.90            | 6,518.00            | 6,505.13            | 236.98          | 29.01       | -74.28                | -295.64                           | 302.33     | 7,801.21             | 7,713.69              | 87.52                   | 89.140            |                    |         |
| 15,300.00               | 6,873.99            | 6,518.00            | 6,505.13            | 239.79          | 29.01       | -74.28                | -295.64                           | 302.33     | 7,899.12             | 7,811.58              | 87.54                   | 90.231            |                    |         |
| 15,400.00               | 6,873.08            | 6,518.00            | 6,505.13            | 242.60          | 29.01       | -74.28                | -295.64                           | 302.33     | 7,997.08             | 7,909.51              | 87.57                   | 91.321            |                    |         |
| 15,500.00               | 6,872.17            | 6,518.00            | 6,505.13            | 245.41          | 29.01       | -74.28                | -295.64                           | 302.33     | 8,095.09             | 8,007.49              | 87.60                   | 92.410            |                    |         |
| 15,600.00               | 6,871.26            | 6,518.00            | 6,505.13            | 248.22          | 29.01       | -74.28                | -295.64                           | 302.33     | 8,193.15             | 8,105.53              | 87.63                   | 93.498            |                    |         |
| 15,700.00               | 6,870.35            | 6,518.00            | 6,505.13            | 251.03          | 29.01       | -74.28                | -295.64                           | 302.33     | 8,291.26             | 8,203.60              | 87.66                   | 94.585            |                    |         |
| 15,737.91               | 6,870.00            | 6,518.00            | 6,505.13            | 252.10          | 29.01       | -74.28                | -295.64                           | 302.33     | 8,328.46             | 8,240.79              | 87.67                   | 94.997            |                    |         |
| 15,738.53               | 6,869.99            | 6,518.00            | 6,505.13            | 252.11          | 29.01       | -74.28                | -295.64                           | 302.33     | 8,329.07             | 8,241.40              | 87.67                   | 95.004            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 100.73                | -95.44                            | 503.58     | 512.59               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 95.97               | 95.97               | 3.28            | 3.30        | 100.78                | -95.82                            | 503.08     | 512.13               | 505.55                | 6.58                    | 77.807            |                    |         |
| 200.00                 | 200.00              | 197.93              | 197.92              | 3.34            | 3.37        | 100.92                | -96.91                            | 502.14     | 511.43               | 504.72                | 6.71                    | 76.218            |                    |         |
| 300.00                 | 300.00              | 301.66              | 301.63              | 3.44            | 3.51        | 101.10                | -98.23                            | 500.50     | 510.12               | 503.17                | 6.95                    | 73.356            |                    |         |
| 400.00                 | 399.98              | 405.00              | 404.93              | 3.60            | 3.69        | 71.40                 | -99.48                            | 498.10     | 507.52               | 500.22                | 7.30                    | 69.530            |                    |         |
| 500.00                 | 499.84              | 509.56              | 509.44              | 3.81            | 3.93        | 72.23                 | -100.24                           | 494.96     | 503.09               | 495.35                | 7.74                    | 65.027            |                    |         |
| 550.00                 | 549.68              | 557.19              | 557.04              | 3.93            | 4.05        | 72.77                 | -100.58                           | 493.33     | 500.32               | 492.35                | 7.97                    | 62.782            |                    |         |
| 600.00                 | 599.45              | 603.71              | 603.54              | 4.06            | 4.17        | 71.09                 | -101.00                           | 492.02     | 497.54               | 489.32                | 8.21                    | 60.568            |                    |         |
| 700.00                 | 698.71              | 698.21              | 698.01              | 4.33            | 4.44        | 69.77                 | -102.26                           | 490.01     | 491.67               | 482.91                | 8.76                    | 56.153            |                    |         |
| 800.00                 | 797.49              | 792.31              | 792.08              | 4.64            | 4.73        | 70.00                 | -104.03                           | 488.72     | 485.43               | 476.08                | 9.35                    | 51.926            |                    |         |
| 900.00                 | 895.68              | 881.93              | 881.67              | 4.97            | 5.02        | 71.12                 | -106.34                           | 488.45     | 479.53               | 469.56                | 9.97                    | 48.098            |                    |         |
| 1,000.00               | 993.14              | 977.04              | 976.73              | 5.33            | 5.33        | 73.16                 | -109.57                           | 489.12     | 474.39               | 463.74                | 10.65                   | 44.545            |                    |         |
| 1,039.84               | 1,031.75            | 1,015.69            | 1,015.35            | 5.48            | 5.47        | 74.18                 | -110.91                           | 489.40     | 472.36               | 461.43                | 10.93                   | 43.198            |                    |         |
| 1,100.00               | 1,089.94            | 1,074.16            | 1,073.78            | 5.72            | 5.67        | 76.15                 | -113.16                           | 489.65     | 469.55               | 458.17                | 11.38                   | 41.271            |                    |         |
| 1,200.00               | 1,186.67            | 1,181.33            | 1,180.85            | 6.13            | 6.06        | 79.94                 | -117.56                           | 488.55     | 465.12               | 452.94                | 12.18                   | 38.183            |                    |         |
| 1,297.40               | 1,280.88            | 1,259.39            | 1,258.85            | 6.54            | 6.35        | 82.65                 | -120.29                           | 488.40     | 462.86               | 449.98                | 12.88                   | 35.930            |                    |         |
| 1,300.00               | 1,283.39            | 1,261.51            | 1,260.97            | 6.55            | 6.36        | 82.72                 | -120.36                           | 488.45     | 462.86               | 449.96                | 12.90                   | 35.877            |                    |         |
| 1,400.00               | 1,380.12            | 1,364.74            | 1,364.12            | 6.99            | 6.74        | 86.06                 | -123.28                           | 491.03     | 464.08               | 450.35                | 13.73                   | 33.805            |                    |         |
| 1,500.00               | 1,476.85            | 1,473.63            | 1,472.87            | 7.45            | 7.17        | 90.09                 | -127.59                           | 488.15     | 463.50               | 448.89                | 14.61                   | 31.730            |                    |         |
| 1,600.00               | 1,573.57            | 1,579.44            | 1,578.36            | 7.90            | 7.60        | 94.36                 | -132.49                           | 481.58     | 462.87               | 447.37                | 15.50                   | 29.868            |                    |         |
| 1,618.35               | 1,591.33            | 1,598.79            | 1,597.63            | 7.99            | 7.68        | 95.17                 | -133.36                           | 480.02     | 462.75               | 447.09                | 15.66                   | 29.547 CC, ES     |                    |         |
| 1,700.00               | 1,670.30            | 1,672.40            | 1,670.81            | 8.37            | 7.99        | 98.38                 | -137.66                           | 473.41     | 463.53               | 447.17                | 16.35                   | 28.343            |                    |         |
| 1,800.00               | 1,767.03            | 1,756.39            | 1,754.19            | 8.85            | 8.35        | 102.16                | -144.08                           | 465.46     | 467.97               | 450.79                | 17.18                   | 27.240            |                    |         |
| 1,900.00               | 1,863.75            | 1,838.82            | 1,835.92            | 9.32            | 8.72        | 105.84                | -152.01                           | 458.34     | 477.17               | 459.19                | 17.99                   | 26.531            |                    |         |
| 2,000.00               | 1,960.48            | 1,915.65            | 1,911.97            | 9.81            | 9.07        | 109.19                | -161.21                           | 452.46     | 491.48               | 472.75                | 18.73                   | 26.239            |                    |         |
| 2,100.00               | 2,057.21            | 1,997.23            | 1,992.57            | 10.29           | 9.44        | 112.50                | -172.99                           | 448.15     | 511.28               | 491.80                | 19.48                   | 26.245            |                    |         |
| 2,200.00               | 2,153.93            | 2,091.40            | 2,085.76            | 10.78           | 9.88        | 115.87                | -186.18                           | 444.94     | 533.57               | 513.25                | 20.32                   | 26.253            |                    |         |
| 2,300.00               | 2,250.66            | 2,192.47            | 2,186.00            | 11.28           | 10.34       | 119.00                | -198.97                           | 443.06     | 556.89               | 535.67                | 21.22                   | 26.240            |                    |         |
| 2,400.00               | 2,347.39            | 2,292.40            | 2,285.29            | 11.77           | 10.80       | 121.87                | -209.88                           | 440.41     | 579.73               | 557.62                | 22.11                   | 26.220            |                    |         |
| 2,500.00               | 2,444.11            | 2,387.10            | 2,379.36            | 12.27           | 11.24       | 124.46                | -220.22                           | 437.16     | 603.63               | 580.68                | 22.95                   | 26.297            |                    |         |
| 2,600.00               | 2,540.84            | 2,483.28            | 2,474.76            | 12.77           | 11.70       | 127.13                | -230.87                           | 431.20     | 628.29               | 604.48                | 23.81                   | 26.384            |                    |         |
| 2,700.00               | 2,637.57            | 2,572.85            | 2,563.54            | 13.27           | 12.14       | 129.53                | -240.78                           | 424.51     | 653.97               | 629.35                | 24.61                   | 26.568            |                    |         |
| 2,800.00               | 2,734.30            | 2,658.75            | 2,648.44            | 13.78           | 12.56       | 131.80                | -251.31                           | 416.85     | 681.76               | 656.38                | 25.38                   | 26.865            |                    |         |
| 2,900.00               | 2,831.02            | 2,751.78            | 2,740.33            | 14.28           | 13.03       | 134.09                | -263.15                           | 408.42     | 711.11               | 684.91                | 26.21                   | 27.132            |                    |         |
| 3,000.00               | 2,927.75            | 2,852.01            | 2,839.54            | 14.79           | 13.53       | 136.29                | -274.94                           | 400.36     | 740.61               | 713.50                | 27.11                   | 27.317            |                    |         |
| 3,100.00               | 3,024.48            | 2,951.22            | 2,937.97            | 15.29           | 14.01       | 138.16                | -285.64                           | 394.11     | 770.03               | 742.03                | 28.00                   | 27.498            |                    |         |
| 3,200.00               | 3,121.20            | 3,047.76            | 3,033.88            | 15.80           | 14.48       | 139.77                | -295.34                           | 389.02     | 799.38               | 770.51                | 28.87                   | 27.691            |                    |         |
| 3,300.00               | 3,217.93            | 3,135.14            | 3,120.67            | 16.31           | 14.91       | 141.16                | -304.16                           | 384.01     | 829.32               | 799.68                | 29.65                   | 27.974            |                    |         |
| 3,400.00               | 3,314.66            | 3,217.19            | 3,202.03            | 16.82           | 15.31       | 142.41                | -313.43                           | 378.85     | 860.91               | 830.54                | 30.37                   | 28.348            |                    |         |
| 3,500.00               | 3,411.38            | 3,305.97            | 3,289.94            | 17.33           | 15.76       | 143.72                | -324.25                           | 372.63     | 893.86               | 862.69                | 31.16                   | 28.684            |                    |         |
| 3,600.00               | 3,508.11            | 3,418.80            | 3,401.77            | 17.84           | 16.33       | 145.25                | -337.00                           | 364.94     | 926.43               | 894.23                | 32.20                   | 28.769            |                    |         |
| 3,700.00               | 3,604.84            | 3,525.89            | 3,508.28            | 18.36           | 16.84       | 146.49                | -346.70                           | 359.62     | 956.98               | 923.81                | 33.18                   | 28.845            |                    |         |
| 3,800.00               | 3,701.56            | 3,607.74            | 3,589.71            | 18.87           | 17.24       | 147.36                | -354.24                           | 355.91     | 988.01               | 954.10                | 33.91                   | 29.138            |                    |         |
| 3,900.00               | 3,798.29            | 3,679.03            | 3,660.48            | 19.38           | 17.59       | 148.07                | -362.10                           | 352.59     | 1,020.99             | 986.46                | 34.53                   | 29.570            |                    |         |
| 4,000.00               | 3,895.02            | 3,741.86            | 3,722.64            | 19.89           | 17.91       | 148.68                | -370.60                           | 349.24     | 1,056.58             | 1,021.54              | 35.04                   | 30.154            |                    |         |
| 4,100.00               | 3,991.74            | 3,816.33            | 3,796.03            | 20.41           | 18.31       | 149.37                | -382.41                           | 344.81     | 1,094.59             | 1,058.92              | 35.67                   | 30.685            |                    |         |
| 4,200.00               | 4,088.47            | 3,901.81            | 3,880.15            | 20.92           | 18.77       | 150.10                | -396.80                           | 339.94     | 1,133.66             | 1,097.22              | 36.44                   | 31.112            |                    |         |
| 4,300.00               | 4,185.20            | 4,007.98            | 3,984.68            | 21.44           | 19.34       | 150.93                | -414.49                           | 334.17     | 1,172.75             | 1,135.30              | 37.45                   | 31.314            |                    |         |
| 4,400.00               | 4,281.92            | 4,148.87            | 4,124.04            | 21.95           | 20.07       | 151.90                | -434.27                           | 328.35     | 1,209.35             | 1,170.52              | 38.83                   | 31.145            |                    |         |
| 4,500.00               | 4,378.65            | 4,254.51            | 4,228.91            | 22.47           | 20.60       | 152.54                | -446.60                           | 325.16     | 1,243.63             | 1,203.82              | 39.81                   | 31.240            |                    |         |
| 4,600.00               | 4,475.38            | 4,341.49            | 4,315.28            | 22.99           | 21.03       | 153.04                | -456.51                           | 322.49     | 1,277.76             | 1,237.16              | 40.60                   | 31.471            |                    |         |
| 4,700.00               | 4,572.10            | 4,418.61            | 4,391.78            | 23.50           | 21.41       | 153.51                | -465.64                           | 318.99     | 1,312.73             | 1,271.43              | 41.29                   | 31.792            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,800.00               | 4,668.83            | 4,534.16            | 4,506.38            | 24.02           | 22.00       | 154.24                | -478.85                           | 312.47     | 1,347.74             | 1,305.36              | 42.38                   | 31.803            |                    |         |
| 4,900.00               | 4,765.56            | 4,610.82            | 4,582.42            | 24.53           | 22.39       | 154.72                | -487.36                           | 307.76     | 1,382.64             | 1,339.57              | 43.07                   | 32.103            |                    |         |
| 5,000.00               | 4,862.28            | 4,712.14            | 4,682.91            | 25.05           | 22.90       | 155.32                | -498.76                           | 301.55     | 1,417.83             | 1,373.82              | 44.01                   | 32.215            |                    |         |
| 5,100.00               | 4,959.01            | 4,800.44            | 4,770.53            | 25.57           | 23.35       | 155.76                | -508.97                           | 297.71     | 1,452.94             | 1,408.12              | 44.82                   | 32.416            |                    |         |
| 5,200.00               | 5,055.74            | 4,934.84            | 4,904.07            | 26.09           | 24.01       | 156.29                | -523.67                           | 294.34     | 1,487.08             | 1,441.00              | 46.08                   | 32.269            |                    |         |
| 5,300.00               | 5,152.46            | 5,091.52            | 5,060.27            | 26.60           | 24.73       | 156.92                | -535.44                           | 290.95     | 1,518.16             | 1,470.66              | 47.49                   | 31.966            |                    |         |
| 5,400.00               | 5,249.19            | 5,260.87            | 5,229.53            | 27.12           | 25.44       | 157.53                | -539.95                           | 290.38     | 1,543.82             | 1,494.93              | 48.89                   | 31.575            |                    |         |
| 5,500.00               | 5,345.92            | 5,393.71            | 5,362.35            | 27.64           | 25.94       | 158.07                | -539.08                           | 289.17     | 1,567.09             | 1,517.12              | 49.97                   | 31.359            |                    |         |
| 5,600.00               | 5,442.65            | 5,502.87            | 5,471.46            | 28.16           | 26.33       | 158.55                | -536.26                           | 287.41     | 1,588.86             | 1,537.97              | 50.89                   | 31.223            |                    |         |
| 5,700.00               | 5,539.37            | 5,598.57            | 5,567.09            | 28.68           | 26.68       | 158.99                | -533.12                           | 285.00     | 1,610.36             | 1,558.63              | 51.73                   | 31.130            |                    |         |
| 5,800.00               | 5,636.10            | 5,685.77            | 5,654.25            | 29.20           | 26.99       | 159.34                | -530.99                           | 283.73     | 1,632.38             | 1,579.85              | 52.53                   | 31.076            |                    |         |
| 5,900.00               | 5,732.83            | 5,779.04            | 5,747.50            | 29.71           | 27.33       | 159.61                | -530.13                           | 284.97     | 1,654.96             | 1,601.60              | 53.36                   | 31.015            |                    |         |
| 6,000.00               | 5,829.55            | 5,874.10            | 5,842.55            | 30.23           | 27.67       | 159.88                | -528.88                           | 285.99     | 1,677.30             | 1,623.10              | 54.20                   | 30.944            |                    |         |
| 6,100.00               | 5,926.28            | 5,935.34            | 5,903.78            | 30.75           | 27.91       | 160.07                | -528.74                           | 285.87     | 1,701.10             | 1,646.26              | 54.84                   | 31.017            |                    |         |
| 6,200.00               | 6,023.01            | 6,065.28            | 6,033.71            | 31.27           | 28.41       | 160.50                | -528.24                           | 284.85     | 1,724.98             | 1,669.05              | 55.93                   | 30.844            |                    |         |
| 6,300.00               | 6,119.73            | 6,147.44            | 6,115.87            | 31.79           | 28.73       | 160.74                | -527.74                           | 284.61     | 1,748.53             | 1,691.83              | 56.70                   | 30.839            |                    |         |
| 6,397.75               | 6,214.28            | 6,270.68            | 6,239.09            | 32.30           | 29.19       | 161.14                | -525.71                           | 283.57     | 1,770.80             | 1,713.09              | 57.72                   | 30.680            |                    |         |
| 6,400.00               | 6,216.46            | 6,272.87            | 6,241.27            | 32.31           | 29.20       | 161.78                | -525.66                           | 283.55     | 1,771.31             | 1,713.57              | 57.74                   | 30.679            |                    |         |
| 6,450.00               | 6,265.12            | 6,321.74            | 6,290.13            | 32.56           | 29.38       | 178.83                | -524.64                           | 283.34     | 1,781.68             | 1,723.52              | 58.16                   | 30.633            |                    |         |
| 6,500.00               | 6,314.12            | 6,385.47            | 6,353.85            | 32.78           | 29.61       | -159.06               | -523.31                           | 283.71     | 1,790.37             | 1,731.71              | 58.66                   | 30.519            |                    |         |
| 6,550.00               | 6,363.16            | 6,530.75            | 6,498.76            | 32.99           | 30.12       | -137.00               | -518.55                           | 291.51     | 1,796.40             | 1,736.87              | 59.53                   | 30.178            |                    |         |
| 6,600.00               | 6,411.94            | 6,591.77            | 6,558.88            | 33.18           | 30.32       | -119.86               | -517.02                           | 301.71     | 1,799.00             | 1,739.03              | 59.98                   | 29.995            |                    |         |
| 6,650.00               | 6,460.15            | 6,682.87            | 6,646.20            | 33.35           | 30.61       | -109.26               | -517.02                           | 327.37     | 1,799.43             | 1,738.91              | 60.52                   | 29.732            |                    |         |
| 6,700.00               | 6,507.49            | 6,716.76            | 6,677.35            | 33.52           | 30.70       | -102.04               | -518.07                           | 340.65     | 1,798.46             | 1,737.58              | 60.88                   | 29.540            |                    |         |
| 6,750.00               | 6,553.69            | 6,750.54            | 6,707.70            | 33.69           | 30.79       | -97.49                | -519.72                           | 355.41     | 1,796.79             | 1,735.54              | 61.25                   | 29.336            |                    |         |
| 6,800.00               | 6,598.44            | 7,110.29            | 6,983.61            | 33.85           | 31.51       | -104.28               | -528.52                           | 581.10     | 1,793.43             | 1,730.68              | 62.74                   | 28.583            |                    |         |
| 6,850.00               | 6,641.47            | 7,121.90            | 6,990.65            | 34.02           | 31.52       | -102.25               | -528.38                           | 590.33     | 1,787.99             | 1,724.74              | 63.25                   | 28.268            |                    |         |
| 6,900.00               | 6,682.53            | 7,125.77            | 6,992.96            | 34.19           | 31.52       | -100.61               | -528.34                           | 593.43     | 1,783.33             | 1,719.63              | 63.70                   | 27.996            |                    |         |
| 6,950.00               | 6,721.35            | 7,123.70            | 6,991.72            | 34.38           | 31.52       | -99.19                | -528.36                           | 591.77     | 1,779.52             | 1,715.42              | 64.10                   | 27.762            |                    |         |
| 7,000.00               | 6,757.70            | 7,117.00            | 6,987.70            | 34.57           | 31.51       | -97.90                | -528.44                           | 586.43     | 1,776.56             | 1,712.11              | 64.46                   | 27.563            |                    |         |
| 7,050.00               | 6,791.35            | 7,050.00            | 6,958.07            | 34.79           | 31.43       | -95.56                | -528.84                           | 550.97     | 1,774.44             | 1,710.01              | 64.43                   | 27.540            |                    |         |
| 7,100.00               | 6,822.10            | 7,099.96            | 6,977.24            | 35.03           | 31.51       | -95.75                | -528.63                           | 572.96     | 1,773.14             | 1,708.03              | 65.11                   | 27.231            |                    |         |
| 7,150.00               | 6,849.75            | 7,063.46            | 6,953.97            | 35.30           | 31.45       | -93.98                | -529.06                           | 544.86     | 1,772.55             | 1,707.25              | 65.30                   | 27.145            |                    |         |
| 7,186.24               | 6,867.76            | 7,037.80            | 6,936.85            | 35.52           | 31.41       | -92.79                | -529.18                           | 525.74     | 1,772.43             | 1,707.00              | 65.43                   | 27.087            |                    |         |
| 7,200.00               | 6,874.14            | 7,028.18            | 6,930.28            | 35.61           | 31.39       | -92.36                | -529.19                           | 518.72     | 1,772.45             | 1,706.97              | 65.48                   | 27.068            |                    |         |
| 7,250.00               | 6,895.11            | 6,993.83            | 6,906.12            | 35.95           | 31.34       | -90.85                | -529.03                           | 494.30     | 1,772.74             | 1,707.07              | 65.67                   | 26.994            |                    |         |
| 7,300.00               | 6,912.54            | 6,968.69            | 6,887.74            | 36.34           | 31.29       | -89.70                | -528.78                           | 477.15     | 1,773.39             | 1,707.40              | 65.99                   | 26.875            |                    |         |
| 7,350.00               | 6,926.31            | 6,943.39            | 6,868.62            | 36.77           | 31.24       | -88.62                | -528.45                           | 460.59     | 1,774.34             | 1,708.02              | 66.33                   | 26.752            |                    |         |
| 7,400.00               | 6,936.35            | 6,917.98            | 6,848.81            | 37.25           | 31.20       | -87.60                | -528.05                           | 444.68     | 1,775.53             | 1,708.83              | 66.69                   | 26.622            |                    |         |
| 7,450.00               | 6,942.59            | 6,831.12            | 6,777.51            | 37.76           | 31.00       | -84.93                | -525.03                           | 395.24     | 1,776.74             | 1,710.20              | 66.55                   | 26.698            |                    |         |
| 7,500.00               | 6,944.99            | 6,804.00            | 6,754.42            | 38.31           | 30.94       | -84.08                | -523.21                           | 381.14     | 1,777.10             | 1,710.15              | 66.95                   | 26.543            |                    |         |
| 7,512.10               | 6,945.00            | 6,804.00            | 6,754.42            | 38.44           | 30.94       | -84.06                | -523.21                           | 381.14     | 1,777.22             | 1,710.10              | 67.12                   | 26.478            |                    |         |
| 7,600.00               | 6,944.19            | 6,767.25            | 6,722.47            | 39.51           | 30.84       | -83.03                | -520.70                           | 363.14     | 1,779.57             | 1,711.53              | 68.04                   | 26.154            |                    |         |
| 7,700.00               | 6,943.28            | 6,744.02            | 6,701.89            | 40.90           | 30.78       | -82.37                | -519.37                           | 352.47     | 1,787.03             | 1,717.66              | 69.37                   | 25.760            |                    |         |
| 7,800.00               | 6,942.37            | 6,709.00            | 6,670.31            | 42.44           | 30.68       | -81.36                | -517.76                           | 337.43     | 1,799.58             | 1,728.92              | 70.66                   | 25.470            |                    |         |
| 7,900.00               | 6,941.46            | 6,709.00            | 6,670.31            | 44.11           | 30.68       | -81.36                | -517.76                           | 337.43     | 1,816.86             | 1,744.52              | 72.34                   | 25.117            |                    |         |
| 8,000.00               | 6,940.55            | 6,709.00            | 6,670.31            | 45.90           | 30.68       | -81.36                | -517.76                           | 337.43     | 1,839.42             | 1,765.41              | 74.01                   | 24.853            |                    |         |
| 8,100.00               | 6,939.64            | 6,685.58            | 6,648.73            | 47.80           | 30.61       | -80.67                | -517.07                           | 328.35     | 1,866.47             | 1,791.04              | 75.43                   | 24.743            |                    |         |
| 8,200.00               | 6,938.72            | 6,664.00            | 6,628.45            | 49.79           | 30.55       | -80.03                | -516.86                           | 320.98     | 1,898.62             | 1,821.79              | 76.83                   | 24.713            |                    |         |
| 8,300.00               | 6,937.81            | 6,664.00            | 6,628.45            | 51.86           | 30.55       | -80.03                | -516.86                           | 320.98     | 1,934.91             | 1,856.56              | 78.35                   | 24.695 SF         |                    |         |
| 8,400.00               | 6,936.90            | 6,664.00            | 6,628.45            | 54.01           | 30.55       | -80.03                | -516.86                           | 320.98     | 1,975.61             | 1,895.81              | 79.79                   | 24.760            |                    |         |
| 8,500.00               | 6,935.99            | 6,647.60            | 6,612.85            | 56.21           | 30.50       | -79.54                | -516.87                           | 315.94     | 2,020.26             | 1,939.26              | 81.00                   | 24.942            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,600.00               | 6,935.08            | 6,636.67            | 6,602.38            | 58.47           | 30.46       | -79.21                | -516.87                           | 312.80     | 2,068.63             | 1,986.47              | 82.16                   | 25.178            |                    |         |
| 8,700.00               | 6,934.17            | 6,614.00            | 6,580.51            | 60.78           | 30.39       | -78.52                | -516.89                           | 306.83     | 2,120.58             | 2,037.45              | 83.13                   | 25.508            |                    |         |
| 8,800.00               | 6,933.25            | 6,614.00            | 6,580.51            | 63.13           | 30.39       | -78.52                | -516.89                           | 306.83     | 2,175.56             | 2,091.37              | 84.20                   | 25.839            |                    |         |
| 8,900.00               | 6,932.34            | 6,614.00            | 6,580.51            | 65.52           | 30.39       | -78.52                | -516.89                           | 306.83     | 2,233.67             | 2,148.51              | 85.16                   | 26.228            |                    |         |
| 9,000.00               | 6,931.43            | 6,614.00            | 6,580.51            | 67.95           | 30.39       | -78.52                | -516.89                           | 306.83     | 2,294.67             | 2,208.63              | 86.04                   | 26.670            |                    |         |
| 9,100.00               | 6,930.52            | 6,614.00            | 6,580.51            | 70.40           | 30.39       | -78.52                | -516.89                           | 306.83     | 2,358.33             | 2,271.51              | 86.83                   | 27.161            |                    |         |
| 9,200.00               | 6,929.61            | 6,614.00            | 6,580.51            | 72.89           | 30.39       | -78.52                | -516.89                           | 306.83     | 2,424.45             | 2,336.91              | 87.54                   | 27.696            |                    |         |
| 9,300.00               | 6,928.69            | 6,614.00            | 6,580.51            | 75.40           | 30.39       | -78.52                | -516.89                           | 306.83     | 2,492.83             | 2,404.65              | 88.18                   | 28.271            |                    |         |
| 9,400.00               | 6,927.78            | 6,614.00            | 6,580.51            | 77.93           | 30.39       | -78.52                | -516.89                           | 306.83     | 2,563.28             | 2,474.53              | 88.75                   | 28.882            |                    |         |
| 9,500.00               | 6,926.87            | 6,614.00            | 6,580.51            | 80.48           | 30.39       | -78.52                | -516.89                           | 306.83     | 2,635.64             | 2,546.38              | 89.26                   | 29.527            |                    |         |
| 9,600.00               | 6,925.96            | 6,575.98            | 6,543.41            | 83.05           | 30.27       | -77.37                | -517.25                           | 298.52     | 2,708.42             | 2,618.88              | 89.53                   | 30.251            |                    |         |
| 9,700.00               | 6,925.05            | 6,572.16            | 6,539.66            | 85.64           | 30.26       | -77.25                | -517.32                           | 297.81     | 2,783.87             | 2,693.94              | 89.93                   | 30.955            |                    |         |
| 9,800.00               | 6,924.14            | 6,568.56            | 6,536.12            | 88.25           | 30.24       | -77.14                | -517.40                           | 297.16     | 2,860.80             | 2,770.51              | 90.29                   | 31.684            |                    |         |
| 9,900.00               | 6,923.22            | 6,565.15            | 6,532.77            | 90.86           | 30.23       | -77.04                | -517.48                           | 296.56     | 2,939.11             | 2,848.49              | 90.61                   | 32.435            |                    |         |
| 10,000.00              | 6,922.31            | 6,561.92            | 6,529.58            | 93.50           | 30.22       | -76.94                | -517.55                           | 296.01     | 3,018.67             | 2,927.77              | 90.90                   | 33.208            |                    |         |
| 10,100.00              | 6,921.40            | 6,558.86            | 6,526.57            | 96.14           | 30.21       | -76.85                | -517.63                           | 295.50     | 3,099.40             | 3,008.24              | 91.16                   | 33.999            |                    |         |
| 10,200.00              | 6,920.49            | 6,519.00            | 6,487.09            | 98.79           | 30.08       | -75.64                | -519.03                           | 290.20     | 3,182.49             | 3,091.25              | 91.23                   | 34.883            |                    |         |
| 10,300.00              | 6,919.58            | 6,519.00            | 6,487.09            | 101.45          | 30.08       | -75.64                | -519.03                           | 290.20     | 3,265.11             | 3,173.65              | 91.46                   | 35.700            |                    |         |
| 10,400.00              | 6,918.67            | 6,519.00            | 6,487.09            | 104.13          | 30.08       | -75.64                | -519.03                           | 290.20     | 3,348.68             | 3,257.01              | 91.66                   | 36.533            |                    |         |
| 10,500.00              | 6,917.75            | 6,519.00            | 6,487.09            | 106.81          | 30.08       | -75.64                | -519.03                           | 290.20     | 3,433.12             | 3,341.28              | 91.84                   | 37.380            |                    |         |
| 10,600.00              | 6,916.84            | 6,519.00            | 6,487.09            | 109.50          | 30.08       | -75.64                | -519.03                           | 290.20     | 3,518.39             | 3,426.38              | 92.01                   | 38.241            |                    |         |
| 10,700.00              | 6,915.93            | 6,519.00            | 6,487.09            | 112.19          | 30.08       | -75.64                | -519.03                           | 290.20     | 3,604.41             | 3,512.26              | 92.15                   | 39.114            |                    |         |
| 10,800.00              | 6,915.02            | 6,519.00            | 6,487.09            | 114.90          | 30.08       | -75.64                | -519.03                           | 290.20     | 3,691.13             | 3,598.85              | 92.28                   | 39.998            |                    |         |
| 10,900.00              | 6,914.11            | 6,519.00            | 6,487.09            | 117.61          | 30.08       | -75.64                | -519.03                           | 290.20     | 3,778.51             | 3,686.11              | 92.40                   | 40.892            |                    |         |
| 11,000.00              | 6,913.20            | 6,519.00            | 6,487.09            | 120.32          | 30.08       | -75.64                | -519.03                           | 290.20     | 3,866.51             | 3,774.00              | 92.51                   | 41.797            |                    |         |
| 11,100.00              | 6,912.28            | 6,519.00            | 6,487.09            | 123.04          | 30.08       | -75.64                | -519.03                           | 290.20     | 3,955.07             | 3,862.47              | 92.60                   | 42.710            |                    |         |
| 11,200.00              | 6,911.37            | 6,519.00            | 6,487.09            | 125.77          | 30.08       | -75.64                | -519.03                           | 290.20     | 4,044.17             | 3,951.48              | 92.69                   | 43.632            |                    |         |
| 11,300.00              | 6,910.46            | 6,519.00            | 6,487.09            | 128.50          | 30.08       | -75.64                | -519.03                           | 290.20     | 4,133.76             | 4,041.00              | 92.77                   | 44.561            |                    |         |
| 11,400.00              | 6,909.55            | 6,519.00            | 6,487.09            | 131.24          | 30.08       | -75.64                | -519.03                           | 290.20     | 4,223.83             | 4,130.99              | 92.84                   | 45.497            |                    |         |
| 11,500.00              | 6,908.64            | 6,519.00            | 6,487.09            | 133.98          | 30.08       | -75.64                | -519.03                           | 290.20     | 4,314.33             | 4,221.43              | 92.90                   | 46.440            |                    |         |
| 11,600.00              | 6,907.73            | 6,519.00            | 6,487.09            | 136.72          | 30.08       | -75.64                | -519.03                           | 290.20     | 4,405.24             | 4,312.28              | 92.96                   | 47.389            |                    |         |
| 11,700.00              | 6,906.81            | 6,519.00            | 6,487.09            | 139.47          | 30.08       | -75.64                | -519.03                           | 290.20     | 4,496.54             | 4,403.52              | 93.01                   | 48.344            |                    |         |
| 11,800.00              | 6,905.90            | 6,519.00            | 6,487.09            | 142.22          | 30.08       | -75.64                | -519.03                           | 290.20     | 4,588.20             | 4,495.14              | 93.06                   | 49.304            |                    |         |
| 11,900.00              | 6,904.99            | 6,519.00            | 6,487.09            | 144.97          | 30.08       | -75.64                | -519.03                           | 290.20     | 4,680.20             | 4,587.09              | 93.10                   | 50.269            |                    |         |
| 12,000.00              | 6,904.08            | 6,519.00            | 6,487.09            | 147.73          | 30.08       | -75.64                | -519.03                           | 290.20     | 4,772.52             | 4,679.38              | 93.14                   | 51.238            |                    |         |
| 12,100.00              | 6,903.17            | 6,519.00            | 6,487.09            | 150.49          | 30.08       | -75.64                | -519.03                           | 290.20     | 4,865.15             | 4,771.97              | 93.18                   | 52.212            |                    |         |
| 12,200.00              | 6,902.26            | 6,519.00            | 6,487.09            | 153.26          | 30.08       | -75.64                | -519.03                           | 290.20     | 4,958.06             | 4,864.85              | 93.22                   | 53.189            |                    |         |
| 12,300.00              | 6,901.34            | 6,519.00            | 6,487.09            | 156.02          | 30.08       | -75.64                | -519.03                           | 290.20     | 5,051.25             | 4,958.00              | 93.25                   | 54.170            |                    |         |
| 12,400.00              | 6,900.43            | 6,519.00            | 6,487.09            | 158.79          | 30.08       | -75.64                | -519.03                           | 290.20     | 5,144.69             | 5,051.41              | 93.28                   | 55.155            |                    |         |
| 12,500.00              | 6,899.52            | 6,519.00            | 6,487.09            | 161.56          | 30.08       | -75.64                | -519.03                           | 290.20     | 5,238.37             | 5,145.06              | 93.30                   | 56.143            |                    |         |
| 12,600.00              | 6,898.61            | 6,519.00            | 6,487.09            | 164.34          | 30.08       | -75.64                | -519.03                           | 290.20     | 5,332.28             | 5,238.95              | 93.33                   | 57.133            |                    |         |
| 12,700.00              | 6,897.70            | 6,519.00            | 6,487.09            | 167.11          | 30.08       | -75.64                | -519.03                           | 290.20     | 5,426.41             | 5,333.06              | 93.36                   | 58.126            |                    |         |
| 12,800.00              | 6,896.79            | 6,519.00            | 6,487.09            | 169.89          | 30.08       | -75.64                | -519.03                           | 290.20     | 5,520.75             | 5,427.37              | 93.38                   | 59.122            |                    |         |
| 12,900.00              | 6,895.87            | 6,519.00            | 6,487.09            | 172.67          | 30.08       | -75.64                | -519.03                           | 290.20     | 5,615.28             | 5,521.88              | 93.40                   | 60.120            |                    |         |
| 13,000.00              | 6,894.96            | 6,519.00            | 6,487.09            | 175.45          | 30.08       | -75.64                | -519.03                           | 290.20     | 5,710.00             | 5,616.57              | 93.42                   | 61.120            |                    |         |
| 13,100.00              | 6,894.05            | 6,519.00            | 6,487.09            | 178.23          | 30.08       | -75.64                | -519.03                           | 290.20     | 5,804.89             | 5,711.45              | 93.44                   | 62.122            |                    |         |
| 13,200.00              | 6,893.14            | 6,519.00            | 6,487.09            | 181.02          | 30.08       | -75.64                | -519.03                           | 290.20     | 5,899.96             | 5,806.49              | 93.46                   | 63.126            |                    |         |
| 13,300.00              | 6,892.23            | 6,519.00            | 6,487.09            | 183.80          | 30.08       | -75.64                | -519.03                           | 290.20     | 5,995.18             | 5,901.70              | 93.48                   | 64.131            |                    |         |
| 13,400.00              | 6,891.31            | 6,519.00            | 6,487.09            | 186.59          | 30.08       | -75.64                | -519.03                           | 290.20     | 6,090.56             | 5,997.05              | 93.50                   | 65.138            |                    |         |
| 13,500.00              | 6,890.40            | 6,519.00            | 6,487.09            | 189.38          | 30.08       | -75.64                | -519.03                           | 290.20     | 6,186.08             | 6,092.56              | 93.52                   | 66.146            |                    |         |
| 13,600.00              | 6,889.49            | 6,519.00            | 6,487.09            | 192.17          | 30.08       | -75.64                | -519.03                           | 290.20     | 6,281.74             | 6,188.20              | 93.54                   | 67.155            |                    |         |
| 13,700.00              | 6,888.58            | 6,519.00            | 6,487.09            | 194.97          | 30.08       | -75.64                | -519.03                           | 290.20     | 6,377.54             | 6,283.98              | 93.56                   | 68.165            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 13,800.00              | 6,887.67            | 6,519.00            | 6,487.09            | 197.76          | 30.08       | -75.64                | -519.03                           | 290.20     | 6,473.46             | 6,379.88              | 93.58                   | 69.176            |                    |         |
| 13,900.00              | 6,886.76            | 6,519.00            | 6,487.09            | 200.56          | 30.08       | -75.64                | -519.03                           | 290.20     | 6,569.51             | 6,475.91              | 93.60                   | 70.188            |                    |         |
| 14,000.00              | 6,885.84            | 6,519.00            | 6,487.09            | 203.35          | 30.08       | -75.64                | -519.03                           | 290.20     | 6,665.67             | 6,572.05              | 93.62                   | 71.201            |                    |         |
| 14,100.00              | 6,884.93            | 6,519.00            | 6,487.09            | 206.15          | 30.08       | -75.64                | -519.03                           | 290.20     | 6,761.94             | 6,668.30              | 93.64                   | 72.215            |                    |         |
| 14,200.00              | 6,884.02            | 6,519.00            | 6,487.09            | 208.95          | 30.08       | -75.64                | -519.03                           | 290.20     | 6,858.32             | 6,764.66              | 93.66                   | 73.229            |                    |         |
| 14,300.00              | 6,883.11            | 6,519.00            | 6,487.09            | 211.75          | 30.08       | -75.64                | -519.03                           | 290.20     | 6,954.80             | 6,861.13              | 93.68                   | 74.243            |                    |         |
| 14,400.00              | 6,882.20            | 6,519.00            | 6,487.09            | 214.55          | 30.08       | -75.64                | -519.03                           | 290.20     | 7,051.38             | 6,957.69              | 93.70                   | 75.258            |                    |         |
| 14,500.00              | 6,881.29            | 6,479.40            | 6,447.67            | 217.35          | 29.94       | -74.46                | -520.64                           | 286.82     | 7,147.32             | 7,053.66              | 93.66                   | 76.315            |                    |         |
| 14,600.00              | 6,880.37            | 6,478.24            | 6,446.51            | 220.15          | 29.94       | -74.42                | -520.68                           | 286.74     | 7,244.04             | 7,150.36              | 93.68                   | 77.331            |                    |         |
| 14,700.00              | 6,879.46            | 6,477.11            | 6,445.39            | 222.95          | 29.94       | -74.39                | -520.72                           | 286.67     | 7,340.84             | 7,247.15              | 93.70                   | 78.348            |                    |         |
| 14,800.00              | 6,878.55            | 6,476.00            | 6,444.29            | 225.76          | 29.93       | -74.36                | -520.76                           | 286.59     | 7,437.73             | 7,344.02              | 93.72                   | 79.364            |                    |         |
| 14,900.00              | 6,877.64            | 6,474.93            | 6,443.21            | 228.56          | 29.93       | -74.33                | -520.80                           | 286.52     | 7,534.70             | 7,440.97              | 93.74                   | 80.381            |                    |         |
| 15,000.00              | 6,876.73            | 6,473.88            | 6,442.17            | 231.37          | 29.92       | -74.29                | -520.83                           | 286.46     | 7,631.75             | 7,537.99              | 93.76                   | 81.397            |                    |         |
| 15,100.00              | 6,875.82            | 6,472.85            | 6,441.14            | 234.18          | 29.92       | -74.26                | -520.87                           | 286.39     | 7,728.87             | 7,635.09              | 93.78                   | 82.414            |                    |         |
| 15,200.00              | 6,874.90            | 6,471.85            | 6,440.15            | 236.98          | 29.92       | -74.23                | -520.91                           | 286.33     | 7,826.07             | 7,732.26              | 93.80                   | 83.430            |                    |         |
| 15,300.00              | 6,873.99            | 6,470.88            | 6,439.17            | 239.79          | 29.91       | -74.21                | -520.94                           | 286.27     | 7,923.33             | 7,829.50              | 93.83                   | 84.446            |                    |         |
| 15,400.00              | 6,873.08            | 6,469.92            | 6,438.22            | 242.60          | 29.91       | -74.18                | -520.97                           | 286.21     | 8,020.66             | 7,926.81              | 93.85                   | 85.461            |                    |         |
| 15,500.00              | 6,872.17            | 6,468.99            | 6,437.29            | 245.41          | 29.91       | -74.15                | -521.01                           | 286.16     | 8,118.05             | 8,024.18              | 93.88                   | 86.477            |                    |         |
| 15,600.00              | 6,871.26            | 6,468.08            | 6,436.38            | 248.22          | 29.90       | -74.12                | -521.04                           | 286.10     | 8,215.51             | 8,121.61              | 93.90                   | 87.491            |                    |         |
| 15,700.00              | 6,870.35            | 6,467.19            | 6,435.49            | 251.03          | 29.90       | -74.10                | -521.07                           | 286.05     | 8,313.02             | 8,219.09              | 93.93                   | 88.506            |                    |         |
| 15,737.91              | 6,870.00            | 6,466.85            | 6,435.16            | 252.10          | 29.90       | -74.09                | -521.08                           | 286.03     | 8,350.00             | 8,256.06              | 93.94                   | 88.890            |                    |         |
| 15,738.53              | 6,869.99            | 6,466.85            | 6,435.15            | 252.11          | 29.90       | -74.09                | -521.08                           | 286.03     | 8,350.61             | 8,256.67              | 93.94                   | 88.896            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 168-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                    | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 92.33                 | -20.76                            | 511.09     | 511.56               |                       |                         |                   |                    |         |
| 100.00                  | 100.00              | 98.73               | 98.73               | 3.28            | 3.29        | 92.35                 | -20.98                            | 510.53     | 510.99               | 504.42                | 6.57                    | 77.748            |                    |         |
| 200.00                  | 200.00              | 202.05              | 202.03              | 3.34            | 3.32        | 92.43                 | -21.61                            | 508.83     | 509.37               | 502.71                | 6.66                    | 76.487            |                    |         |
| 300.00                  | 300.00              | 299.40              | 299.37              | 3.44            | 3.41        | 92.41                 | -21.35                            | 507.32     | 507.81               | 500.96                | 6.86                    | 74.045            |                    |         |
| 400.00                  | 399.98              | 396.85              | 396.80              | 3.60            | 3.55        | 62.29                 | -19.66                            | 506.48     | 506.06               | 498.91                | 7.15                    | 70.737            |                    |         |
| 500.00                  | 499.84              | 495.04              | 494.90              | 3.81            | 3.74        | 62.40                 | -15.66                            | 506.03     | 503.00               | 495.46                | 7.54                    | 66.719            |                    |         |
| 550.00                  | 549.68              | 543.61              | 543.35              | 3.93            | 3.84        | 62.43                 | -12.24                            | 506.05     | 501.04               | 493.28                | 7.76                    | 64.563            |                    |         |
| 600.00                  | 599.45              | 593.55              | 593.11              | 4.06            | 3.96        | 60.18                 | -8.06                             | 506.17     | 498.67               | 490.66                | 8.01                    | 62.288            |                    |         |
| 700.00                  | 698.71              | 691.90              | 691.09              | 4.33            | 4.23        | 57.58                 | 0.54                              | 506.48     | 492.27               | 483.72                | 8.54                    | 57.614            |                    |         |
| 800.00                  | 797.49              | 792.41              | 791.20              | 4.64            | 4.53        | 56.47                 | 9.48                              | 507.09     | 483.87               | 474.72                | 9.15                    | 52.865            |                    |         |
| 900.00                  | 895.68              | 895.35              | 893.47              | 4.97            | 4.88        | 56.05                 | 21.12                             | 507.19     | 472.62               | 462.79                | 9.83                    | 48.065            |                    |         |
| 1,000.00                | 993.14              | 1,001.20            | 998.05              | 5.33            | 5.28        | 55.89                 | 37.37                             | 506.46     | 458.16               | 447.57                | 10.59                   | 43.263            |                    |         |
| 1,039.84                | 1,031.75            | 1,041.87            | 1,038.09            | 5.48            | 5.44        | 55.90                 | 44.50                             | 505.82     | 451.38               | 440.48                | 10.91                   | 41.389            |                    |         |
| 1,100.00                | 1,089.94            | 1,101.80            | 1,097.00            | 5.72            | 5.70        | 56.13                 | 55.51                             | 504.79     | 440.79               | 429.40                | 11.39                   | 38.709            |                    |         |
| 1,200.00                | 1,186.67            | 1,200.04            | 1,193.49            | 6.13            | 6.14        | 56.49                 | 73.85                             | 503.06     | 423.11               | 410.90                | 12.22                   | 34.637            |                    |         |
| 1,300.00                | 1,283.39            | 1,296.93            | 1,288.70            | 6.55            | 6.59        | 56.89                 | 91.77                             | 501.56     | 405.67               | 392.60                | 13.07                   | 31.031            |                    |         |
| 1,400.00                | 1,380.12            | 1,397.00            | 1,387.05            | 6.99            | 7.07        | 57.37                 | 110.12                            | 499.98     | 388.25               | 374.28                | 13.97                   | 27.794            |                    |         |
| 1,500.00                | 1,476.85            | 1,498.99            | 1,487.55            | 7.45            | 7.56        | 58.15                 | 127.34                            | 497.47     | 370.15               | 355.27                | 14.88                   | 24.873            |                    |         |
| 1,600.00                | 1,573.57            | 1,595.55            | 1,582.70            | 7.90            | 8.03        | 59.00                 | 143.53                            | 495.01     | 352.04               | 336.25                | 15.79                   | 22.295            |                    |         |
| 1,700.00                | 1,670.30            | 1,696.39            | 1,682.19            | 8.37            | 8.53        | 60.11                 | 159.72                            | 491.77     | 333.48               | 316.76                | 16.72                   | 19.945            |                    |         |
| 1,800.00                | 1,767.03            | 1,790.35            | 1,774.82            | 8.85            | 9.00        | 61.19                 | 175.21                            | 489.18     | 315.43               | 297.78                | 17.65                   | 17.873            |                    |         |
| 1,900.00                | 1,863.75            | 1,883.73            | 1,866.87            | 9.32            | 9.48        | 62.26                 | 190.91                            | 488.23     | 299.11               | 280.52                | 18.59                   | 16.089            |                    |         |
| 2,000.00                | 1,960.48            | 1,981.69            | 1,963.35            | 9.81            | 9.98        | 63.38                 | 207.86                            | 488.20     | 283.79               | 264.23                | 19.56                   | 14.509            |                    |         |
| 2,100.00                | 2,057.21            | 2,082.61            | 2,062.43            | 10.29           | 10.52       | 64.29                 | 227.00                            | 488.33     | 268.37               | 247.82                | 20.55                   | 13.058            |                    |         |
| 2,200.00                | 2,153.93            | 2,186.21            | 2,164.22            | 10.78           | 11.08       | 65.52                 | 246.27                            | 486.72     | 251.49               | 229.94                | 21.54                   | 11.675            |                    |         |
| 2,300.00                | 2,250.66            | 2,287.44            | 2,263.84            | 11.28           | 11.62       | 67.37                 | 263.81                            | 482.92     | 232.97               | 210.46                | 22.51                   | 10.349            |                    |         |
| 2,400.00                | 2,347.39            | 2,384.40            | 2,358.87            | 11.77           | 12.15       | 68.89                 | 282.66                            | 479.36     | 214.17               | 190.67                | 23.50                   | 9.113             |                    |         |
| 2,500.00                | 2,444.11            | 2,480.05            | 2,452.80            | 12.27           | 12.68       | 70.78                 | 300.57                            | 476.87     | 196.77               | 172.28                | 24.50                   | 8.032             |                    |         |
| 2,600.00                | 2,540.84            | 2,576.12            | 2,547.18            | 12.77           | 13.21       | 72.93                 | 318.48                            | 475.43     | 180.68               | 155.19                | 25.49                   | 7.087             |                    |         |
| 2,700.00                | 2,637.57            | 2,674.54            | 2,643.55            | 13.27           | 13.77       | 74.78                 | 338.41                            | 475.77     | 165.93               | 139.43                | 26.50                   | 6.262             |                    |         |
| 2,800.00                | 2,734.30            | 2,774.35            | 2,741.23            | 13.78           | 14.34       | 77.00                 | 358.94                            | 475.53     | 150.73               | 123.24                | 27.49                   | 5.483             |                    |         |
| 2,900.00                | 2,831.02            | 2,874.50            | 2,839.26            | 14.28           | 14.91       | 79.99                 | 379.38                            | 474.31     | 135.01               | 106.56                | 28.45                   | 4.746             |                    |         |
| 3,000.00                | 2,927.75            | 2,972.09            | 2,934.83            | 14.79           | 15.47       | 83.96                 | 399.01                            | 472.37     | 119.24               | 89.85                 | 29.39                   | 4.057             |                    |         |
| 3,100.00                | 3,024.48            | 3,071.05            | 3,031.86            | 15.29           | 16.04       | 89.36                 | 418.43                            | 470.51     | 104.61               | 74.37                 | 30.25                   | 3.459             |                    |         |
| 3,200.00                | 3,121.20            | 3,168.00            | 3,127.02            | 15.80           | 16.58       | 96.63                 | 436.85                            | 468.44     | 91.43                | 60.39                 | 31.04                   | 2.946             |                    |         |
| 3,300.00                | 3,217.93            | 3,266.69            | 3,224.02            | 16.31           | 17.13       | 106.33                | 454.91                            | 466.68     | 81.01                | 49.33                 | 31.67                   | 2.557             |                    |         |
| 3,400.00                | 3,314.66            | 3,363.84            | 3,319.59            | 16.82           | 17.67       | 117.93                | 472.33                            | 465.44     | 74.08                | 41.82                 | 32.26                   | 2.296             |                    |         |
| 3,500.00                | 3,411.38            | 3,462.49            | 3,416.71            | 17.33           | 18.21       | 130.46                | 489.63                            | 465.42     | 71.49                | 38.61                 | 32.88                   | 2.174             |                    |         |
| 3,519.62                | 3,430.36            | 3,481.80            | 3,435.72            | 17.43           | 18.32       | 133.00                | 493.01                            | 465.38     | 71.41                | 38.39                 | 33.02                   | 2.163 CC, ES      |                    |         |
| 3,600.00                | 3,508.11            | 3,560.87            | 3,513.59            | 17.84           | 18.75       | 143.35                | 506.71                            | 465.21     | 72.74                | 39.06                 | 33.68                   | 2.160 SF          |                    |         |
| 3,700.00                | 3,604.84            | 3,658.80            | 3,610.14            | 18.36           | 19.28       | 155.36                | 523.09                            | 464.61     | 78.28                | 43.57                 | 34.71                   | 2.255             |                    |         |
| 3,800.00                | 3,701.56            | 3,759.85            | 3,709.55            | 18.87           | 19.84       | 166.07                | 541.20                            | 464.01     | 85.75                | 49.83                 | 35.92                   | 2.387             |                    |         |
| 3,900.00                | 3,798.29            | 3,858.53            | 3,806.34            | 19.38           | 20.41       | 175.15                | 560.43                            | 463.41     | 94.31                | 57.09                 | 37.22                   | 2.534             |                    |         |
| 4,000.00                | 3,895.02            | 3,956.63            | 3,902.48            | 19.89           | 20.97       | -177.12               | 579.88                            | 462.33     | 104.92               | 66.38                 | 38.55                   | 2.722             |                    |         |
| 4,100.00                | 3,991.74            | 4,053.87            | 3,997.88            | 20.41           | 21.53       | -170.89               | 598.62                            | 460.56     | 118.00               | 78.18                 | 39.82                   | 2.963             |                    |         |
| 4,200.00                | 4,088.47            | 4,151.57            | 4,093.81            | 20.92           | 22.09       | -165.99               | 617.01                            | 458.51     | 132.71               | 91.66                 | 41.05                   | 3.233             |                    |         |
| 4,300.00                | 4,185.20            | 4,249.15            | 4,189.74            | 21.44           | 22.64       | -162.13               | 634.64                            | 455.57     | 149.35               | 107.11                | 42.23                   | 3.536             |                    |         |
| 4,400.00                | 4,281.92            | 4,351.64            | 4,290.39            | 21.95           | 23.22       | -159.05               | 653.92                            | 454.64     | 164.35               | 120.88                | 43.47                   | 3.781             |                    |         |
| 4,500.00                | 4,378.65            | 4,448.66            | 4,385.73            | 22.47           | 23.77       | -156.76               | 671.93                            | 454.13     | 179.51               | 134.94                | 44.57                   | 4.027             |                    |         |
| 4,600.00                | 4,475.38            | 4,545.60            | 4,481.04            | 22.99           | 24.32       | -154.84               | 689.55                            | 452.99     | 195.67               | 150.01                | 45.66                   | 4.286             |                    |         |
| 4,700.00                | 4,572.10            | 4,644.72            | 4,578.57            | 23.50           | 24.87       | -153.20               | 707.17                            | 451.20     | 212.74               | 165.97                | 46.77                   | 4.549             |                    |         |
| 4,800.00                | 4,668.83            | 4,745.39            | 4,677.53            | 24.02           | 25.44       | -151.81               | 725.61                            | 450.80     | 228.46               | 180.57                | 47.89                   | 4.770             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 168-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00                | 4,765.56            | 4,842.37            | 4,772.97            | 24.53           | 25.98       | -150.73               | 742.89                            | 450.27     | 244.62               | 195.67                | 48.94                   | 4.998             |                    |         |
| 5,000.00                | 4,862.28            | 4,938.90            | 4,867.98            | 25.05           | 26.51       | -149.80               | 759.86                            | 449.21     | 261.44               | 211.47                | 49.98                   | 5.231             |                    |         |
| 5,100.00                | 4,959.01            | 5,037.25            | 4,964.91            | 25.57           | 27.05       | -149.06               | 776.44                            | 447.65     | 279.03               | 228.01                | 51.03                   | 5.468             |                    |         |
| 5,200.00                | 5,055.74            | 5,136.66            | 5,062.97            | 26.09           | 27.60       | -148.54               | 792.76                            | 446.80     | 296.14               | 244.05                | 52.08                   | 5.686             |                    |         |
| 5,300.00                | 5,152.46            | 5,233.18            | 5,157.96            | 26.60           | 28.13       | -147.84               | 809.78                            | 445.36     | 313.45               | 260.34                | 53.11                   | 5.902             |                    |         |
| 5,400.00                | 5,249.19            | 5,329.35            | 5,252.67            | 27.12           | 28.67       | -147.24               | 826.40                            | 443.24     | 331.58               | 277.45                | 54.13                   | 6.126             |                    |         |
| 5,500.00                | 5,345.92            | 5,433.30            | 5,354.82            | 27.64           | 29.26       | -146.46               | 845.48                            | 440.76     | 349.60               | 294.31                | 55.30                   | 6.322             |                    |         |
| 5,600.00                | 5,442.65            | 5,531.62            | 5,451.52            | 28.16           | 29.81       | -145.93               | 863.19                            | 440.11     | 366.14               | 309.79                | 56.35                   | 6.497             |                    |         |
| 5,700.00                | 5,539.37            | 5,625.20            | 5,543.78            | 28.68           | 30.32       | -145.63               | 878.83                            | 438.90     | 383.69               | 326.37                | 57.31                   | 6.694             |                    |         |
| 5,800.00                | 5,636.10            | 5,722.67            | 5,640.13            | 29.20           | 30.83       | -145.57               | 893.37                            | 437.21     | 402.16               | 343.86                | 58.30                   | 6.898             |                    |         |
| 5,900.00                | 5,732.83            | 5,814.49            | 5,731.27            | 29.71           | 31.28       | -145.88               | 904.42                            | 435.95     | 421.15               | 362.01                | 59.14                   | 7.121             |                    |         |
| 6,000.00                | 5,829.55            | 5,908.26            | 5,824.61            | 30.23           | 31.71       | -146.46               | 913.22                            | 433.87     | 441.72               | 381.75                | 59.97                   | 7.366             |                    |         |
| 6,100.00                | 5,926.28            | 6,003.48            | 5,919.69            | 30.75           | 32.10       | -147.51               | 918.11                            | 432.52     | 462.92               | 402.18                | 60.74                   | 7.621             |                    |         |
| 6,200.00                | 6,023.01            | 6,100.62            | 6,016.81            | 31.27           | 32.44       | -148.97               | 919.25                            | 432.19     | 484.62               | 423.15                | 61.47                   | 7.884             |                    |         |
| 6,300.00                | 6,119.73            | 6,195.26            | 6,111.44            | 31.79           | 32.75       | -150.53               | 918.29                            | 432.59     | 506.71               | 444.59                | 62.12                   | 8.157             |                    |         |
| 6,397.75                | 6,214.28            | 6,295.32            | 6,211.50            | 32.30           | 33.07       | -152.00               | 917.63                            | 432.95     | 528.55               | 465.68                | 62.87                   | 8.406             |                    |         |
| 6,400.00                | 6,216.46            | 6,297.69            | 6,213.87            | 32.31           | 33.08       | -151.43               | 917.61                            | 432.98     | 529.04               | 466.15                | 62.89                   | 8.412             |                    |         |
| 6,450.00                | 6,265.12            | 6,350.51            | 6,266.68            | 32.56           | 33.25       | -135.91               | 917.16                            | 433.88     | 537.81               | 474.52                | 63.29                   | 8.498             |                    |         |
| 6,500.00                | 6,314.12            | 6,403.61            | 6,319.76            | 32.78           | 33.43       | -115.26               | 917.02                            | 435.09     | 542.72               | 479.05                | 63.67                   | 8.524             |                    |         |
| 6,550.00                | 6,363.16            | 6,449.23            | 6,369.53            | 32.99           | 34.28       | -100.18               | 926.00                            | 430.11     | 531.10               | 468.50                | 62.59                   | 8.485             |                    |         |
| 6,600.00                | 6,411.94            | 6,495.70            | 6,319.76            | 33.18           | 34.41       | -85.14                | 928.03                            | 430.23     | 512.51               | 449.44                | 63.08                   | 8.125             |                    |         |
| 6,650.00                | 6,460.15            | 6,542.16            | 6,369.53            | 33.35           | 34.52       | -76.10                | 929.67                            | 431.24     | 492.07               | 428.56                | 63.52                   | 7.747             |                    |         |
| 6,700.00                | 6,507.49            | 6,589.59            | 6,419.69            | 33.52           | 34.69       | -72.68                | 931.83                            | 432.74     | 469.89               | 406.42                | 63.46                   | 7.404             |                    |         |
| 6,750.00                | 6,553.69            | 6,637.38            | 6,469.77            | 33.69           | 34.89       | -75.37                | 931.86                            | 432.09     | 444.09               | 381.39                | 62.70                   | 7.083             |                    |         |
| 6,800.00                | 6,598.44            | 6,683.05            | 6,514.44            | 33.85           | 34.99       | -79.66                | 929.30                            | 432.79     | 416.38               | 353.87                | 62.51                   | 6.661             |                    |         |
| 6,850.00                | 6,641.47            | 6,724.78            | 6,564.39            | 34.02           | 35.06       | -84.14                | 927.16                            | 432.24     | 389.04               | 326.23                | 62.81                   | 6.194             |                    |         |
| 6,900.00                | 6,682.53            | 6,765.94            | 6,606.62            | 34.19           | 35.10       | -87.91                | 925.84                            | 432.76     | 363.76               | 300.32                | 63.44                   | 5.734             |                    |         |
| 6,950.00                | 6,721.35            | 6,804.85            | 6,646.33            | 34.38           | 35.13       | -90.56                | 925.09                            | 432.22     | 342.06               | 277.85                | 64.21                   | 5.327             |                    |         |
| 7,000.00                | 6,757.70            | 6,841.69            | 6,682.68            | 34.57           | 35.14       | -91.83                | 924.76                            | 431.10     | 325.36               | 260.50                | 64.86                   | 5.016             |                    |         |
| 7,050.00                | 6,791.35            | 6,875.00            | 6,716.92            | 34.79           | 35.14       | -91.77                | 924.74                            | 430.31     | 314.81               | 249.66                | 65.15                   | 4.832             |                    |         |
| 7,100.00                | 6,822.10            | 6,905.97            | 6,747.92            | 35.03           | 35.13       | -90.50                | 924.97                            | 429.63     | 311.12               | 246.21                | 64.91                   | 4.793             |                    |         |
| 7,101.19                | 6,822.79            | 6,905.83            | 6,747.92            | 35.04           | 35.13       | -90.46                | 924.97                            | 429.63     | 311.12               | 246.22                | 64.89                   | 4.794             |                    |         |
| 7,150.00                | 6,849.75            | 6,933.48            | 6,774.21            | 35.30           | 35.12       | -88.16                | 925.39                            | 430.68     | 314.42               | 250.26                | 64.15                   | 4.901             |                    |         |
| 7,200.00                | 6,874.14            | 6,958.20            | 6,800.53            | 35.61           | 35.10       | -84.89                | 926.00                            | 431.98     | 324.25               | 261.17                | 63.08                   | 5.140             |                    |         |
| 7,250.00                | 6,895.11            | 6,979.80            | 6,821.04            | 35.95           | 35.07       | -80.91                | 926.77                            | 432.04     | 339.71               | 277.76                | 61.95                   | 5.484             |                    |         |
| 7,300.00                | 6,912.54            | 6,996.53            | 6,843.97            | 36.34           | 35.04       | -76.37                | 927.69                            | 432.09     | 359.70               | 298.72                | 60.97                   | 5.899             |                    |         |
| 7,350.00                | 6,926.31            | 6,999.69            | 6,857.10            | 36.77           | 35.01       | -71.49                | 928.77                            | 432.38     | 383.08               | 322.81                | 60.26                   | 6.357             |                    |         |
| 7,400.00                | 6,936.35            | 6,999.26            | 6,867.96            | 37.25           | 34.98       | -66.89                | 929.76                            | 432.78     | 408.89               | 348.79                | 60.10                   | 6.803             |                    |         |
| 7,450.00                | 6,942.59            | 6,999.41            | 6,874.68            | 37.76           | 34.95       | -62.53                | 930.61                            | 433.80     | 436.46               | 376.10                | 60.35                   | 7.232             |                    |         |
| 7,500.00                | 6,944.99            | 6,999.93            | 6,876.66            | 38.31           | 34.91       | -58.35                | 931.37                            | 434.75     | 465.12               | 404.28                | 60.83                   | 7.646             |                    |         |
| 7,512.10                | 6,945.00            | 6,999.00            | 6,877.45            | 38.44           | 34.89       | -56.56                | 931.87                            | 435.89     | 472.26               | 411.84                | 60.42                   | 7.816             |                    |         |
| 7,600.00                | 6,944.19            | 6,999.11            | 6,875.55            | 39.51           | 34.85       | -55.06                | 932.33                            | 436.74     | 527.23               | 464.95                | 62.28                   | 8.465             |                    |         |
| 7,700.00                | 6,943.28            | 6,999.63            | 6,874.48            | 40.90           | 34.79       | -53.02                | 932.54                            | 437.36     | 597.79               | 534.09                | 63.70                   | 9.385             |                    |         |
| 7,800.00                | 6,942.37            | 6,999.00            | 6,873.29            | 42.44           | 34.76       | -51.66                | 932.38                            | 438.26     | 674.59               | 609.59                | 65.00                   | 10.379            |                    |         |
| 7,900.00                | 6,941.46            | 6,999.15            | 6,872.52            | 44.11           | 34.68       | -49.47                | 931.74                            | 439.76     | 755.71               | 690.09                | 65.62                   | 11.517            |                    |         |
| 8,000.00                | 6,940.55            | 6,999.00            | 6,871.28            | 45.90           | 34.60       | -47.22                | 930.71                            | 440.22     | 840.17               | 774.19                | 65.98                   | 12.733            |                    |         |
| 8,100.00                | 6,939.64            | 6,999.70            | 6,870.98            | 47.80           | 34.50       | -44.89                | 929.36                            | 441.84     | 926.69               | 860.50                | 66.20                   | 13.999            |                    |         |
| 8,200.00                | 6,938.72            | 6,999.87            | 6,870.15            | 49.79           | 34.32       | -41.12                | 926.75                            | 443.04     | 1,013.78             | 947.98                | 65.81                   | 15.405            |                    |         |
| 8,300.00                | 6,937.81            | 6,999.56            | 6,869.76            | 51.86           | 34.16       | -38.22                | 923.68                            | 444.44     | 1,101.36             | 1,035.78              | 65.59                   | 16.793            |                    |         |
| 8,400.00                | 6,936.90            | 6,999.00            | 6,869.46            | 54.01           | 34.11       | -37.41                | 922.59                            | 445.62     | 1,189.66             | 1,123.59              | 66.07                   | 18.006            |                    |         |
| 8,500.00                | 6,935.99            | 6,999.00            | 6,869.46            | 56.21           | 34.11       | -37.41                | 922.59                            | 446.62     | 1,279.61             | 1,212.90              | 66.71                   | 19.182            |                    |         |
| 8,600.00                | 6,935.08            | 6,999.00            | 6,869.46            | 58.47           | 34.11       | -37.41                | 922.59                            | 447.62     | 1,370.95             | 1,303.73              | 67.22                   | 20.396            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 168-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,700.00                | 6,934.17            | 6,600.00            | 6,511.46            | 60.78           | 34.11       | -37.41                | 922.59                            | 470.62     | 1,463.43             | 1,395.80              | 67.62                   | 21.641            |                    |         |
| 8,800.00                | 6,933.25            | 6,560.87            | 6,474.95            | 63.13           | 33.97       | -35.34                | 920.03                            | 456.84     | 1,554.39             | 1,486.87              | 67.52                   | 23.021            |                    |         |
| 8,900.00                | 6,932.34            | 6,554.87            | 6,469.22            | 65.52           | 33.95       | -35.03                | 919.71                            | 455.07     | 1,647.79             | 1,580.01              | 67.78                   | 24.311            |                    |         |
| 9,000.00                | 6,931.43            | 6,549.43            | 6,464.01            | 67.95           | 33.93       | -34.75                | 919.45                            | 453.54     | 1,741.82             | 1,673.82              | 68.01                   | 25.613            |                    |         |
| 9,100.00                | 6,930.52            | 6,544.48            | 6,459.25            | 70.40           | 33.91       | -34.50                | 919.23                            | 452.22     | 1,836.40             | 1,768.20              | 68.20                   | 26.926            |                    |         |
| 9,200.00                | 6,929.61            | 6,505.00            | 6,420.68            | 72.89           | 33.77       | -32.53                | 917.99                            | 443.96     | 1,933.37             | 1,865.28              | 68.09                   | 28.394            |                    |         |
| 9,300.00                | 6,928.69            | 6,505.00            | 6,420.68            | 75.40           | 33.77       | -32.53                | 917.99                            | 443.96     | 2,028.42             | 1,960.12              | 68.30                   | 29.700            |                    |         |
| 9,400.00                | 6,927.78            | 6,505.00            | 6,420.68            | 77.93           | 33.77       | -32.53                | 917.99                            | 443.96     | 2,123.92             | 2,055.45              | 68.48                   | 31.017            |                    |         |
| 9,500.00                | 6,926.87            | 6,505.00            | 6,420.68            | 80.48           | 33.77       | -32.53                | 917.99                            | 443.96     | 2,219.83             | 2,151.20              | 68.63                   | 32.344            |                    |         |
| 9,600.00                | 6,925.96            | 6,505.00            | 6,420.68            | 83.05           | 33.77       | -32.53                | 917.99                            | 443.96     | 2,316.08             | 2,247.31              | 68.77                   | 33.679            |                    |         |
| 9,700.00                | 6,925.05            | 6,505.00            | 6,420.68            | 85.64           | 33.77       | -32.53                | 917.99                            | 443.96     | 2,412.63             | 2,343.74              | 68.89                   | 35.022            |                    |         |
| 9,800.00                | 6,924.14            | 6,505.00            | 6,420.68            | 88.25           | 33.77       | -32.53                | 917.99                            | 443.96     | 2,509.45             | 2,440.46              | 69.00                   | 36.370            |                    |         |
| 9,900.00                | 6,923.22            | 6,505.00            | 6,420.68            | 90.86           | 33.77       | -32.53                | 917.99                            | 443.96     | 2,606.52             | 2,537.42              | 69.09                   | 37.724            |                    |         |
| 10,000.00               | 6,922.31            | 6,505.00            | 6,420.68            | 93.50           | 33.77       | -32.53                | 917.99                            | 443.96     | 2,703.80             | 2,634.61              | 69.18                   | 39.082            |                    |         |
| 10,100.00               | 6,921.40            | 6,505.00            | 6,420.68            | 96.14           | 33.77       | -32.53                | 917.99                            | 443.96     | 2,801.27             | 2,732.00              | 69.26                   | 40.443            |                    |         |
| 10,200.00               | 6,920.49            | 6,505.00            | 6,420.68            | 98.79           | 33.77       | -32.53                | 917.99                            | 443.96     | 2,898.91             | 2,829.57              | 69.34                   | 41.808            |                    |         |
| 10,300.00               | 6,919.58            | 6,505.00            | 6,420.68            | 101.45          | 33.77       | -32.53                | 917.99                            | 443.96     | 2,996.70             | 2,927.30              | 69.41                   | 43.175            |                    |         |
| 10,400.00               | 6,918.67            | 6,505.00            | 6,420.68            | 104.13          | 33.77       | -32.53                | 917.99                            | 443.96     | 3,094.64             | 3,025.17              | 69.47                   | 44.545            |                    |         |
| 10,500.00               | 6,917.75            | 6,505.00            | 6,420.68            | 106.81          | 33.77       | -32.53                | 917.99                            | 443.96     | 3,192.71             | 3,123.18              | 69.53                   | 45.916            |                    |         |
| 10,600.00               | 6,916.84            | 6,505.00            | 6,420.68            | 109.50          | 33.77       | -32.53                | 917.99                            | 443.96     | 3,290.89             | 3,221.30              | 69.59                   | 47.289            |                    |         |
| 10,700.00               | 6,915.93            | 6,505.00            | 6,420.68            | 112.19          | 33.77       | -32.53                | 917.99                            | 443.96     | 3,389.18             | 3,319.53              | 69.65                   | 48.662            |                    |         |
| 10,800.00               | 6,915.02            | 6,505.00            | 6,420.68            | 114.90          | 33.77       | -32.53                | 917.99                            | 443.96     | 3,487.57             | 3,417.87              | 69.70                   | 50.036            |                    |         |
| 10,900.00               | 6,914.11            | 6,505.00            | 6,420.68            | 117.61          | 33.77       | -32.53                | 917.99                            | 443.96     | 3,586.04             | 3,516.29              | 69.75                   | 51.411            |                    |         |
| 11,000.00               | 6,913.20            | 6,505.00            | 6,420.68            | 120.32          | 33.77       | -32.53                | 917.99                            | 443.96     | 3,684.60             | 3,614.80              | 69.80                   | 52.786            |                    |         |
| 11,100.00               | 6,912.28            | 6,505.00            | 6,420.68            | 123.04          | 33.77       | -32.53                | 917.99                            | 443.96     | 3,783.23             | 3,713.38              | 69.85                   | 54.161            |                    |         |
| 11,200.00               | 6,911.37            | 6,505.00            | 6,420.68            | 125.77          | 33.77       | -32.53                | 917.99                            | 443.96     | 3,881.94             | 3,812.03              | 69.90                   | 55.535            |                    |         |
| 11,300.00               | 6,910.46            | 6,505.00            | 6,420.68            | 128.50          | 33.77       | -32.53                | 917.99                            | 443.96     | 3,980.70             | 3,910.75              | 69.95                   | 56.909            |                    |         |
| 11,400.00               | 6,909.55            | 6,505.00            | 6,420.68            | 131.24          | 33.77       | -32.53                | 917.99                            | 443.96     | 4,079.53             | 4,009.54              | 70.00                   | 58.283            |                    |         |
| 11,500.00               | 6,908.64            | 6,505.00            | 6,420.68            | 133.98          | 33.77       | -32.53                | 917.99                            | 443.96     | 4,178.41             | 4,108.37              | 70.04                   | 59.656            |                    |         |
| 11,600.00               | 6,907.73            | 6,505.00            | 6,420.68            | 136.72          | 33.77       | -32.53                | 917.99                            | 443.96     | 4,277.35             | 4,207.26              | 70.09                   | 61.028            |                    |         |
| 11,700.00               | 6,906.81            | 6,505.00            | 6,420.68            | 139.47          | 33.77       | -32.53                | 917.99                            | 443.96     | 4,376.33             | 4,306.20              | 70.14                   | 62.398            |                    |         |
| 11,800.00               | 6,905.90            | 6,505.00            | 6,420.68            | 142.22          | 33.77       | -32.53                | 917.99                            | 443.96     | 4,475.36             | 4,405.18              | 70.18                   | 63.768            |                    |         |
| 11,900.00               | 6,904.99            | 6,505.00            | 6,420.68            | 144.97          | 33.77       | -32.53                | 917.99                            | 443.96     | 4,574.43             | 4,504.21              | 70.23                   | 65.136            |                    |         |
| 12,000.00               | 6,904.08            | 6,505.00            | 6,420.68            | 147.73          | 33.77       | -32.53                | 917.99                            | 443.96     | 4,673.55             | 4,603.27              | 70.28                   | 66.503            |                    |         |
| 12,100.00               | 6,903.17            | 6,505.00            | 6,420.68            | 150.49          | 33.77       | -32.53                | 917.99                            | 443.96     | 4,772.69             | 4,702.37              | 70.32                   | 67.869            |                    |         |
| 12,200.00               | 6,902.26            | 6,505.00            | 6,420.68            | 153.26          | 33.77       | -32.53                | 917.99                            | 443.96     | 4,871.88             | 4,801.51              | 70.37                   | 69.232            |                    |         |
| 12,300.00               | 6,901.34            | 6,505.00            | 6,420.68            | 156.02          | 33.77       | -32.53                | 917.99                            | 443.96     | 4,971.09             | 4,900.67              | 70.42                   | 70.594            |                    |         |
| 12,400.00               | 6,900.43            | 6,464.49            | 6,380.52            | 158.79          | 33.63       | -30.66                | 917.37                            | 438.73     | 5,069.04             | 4,998.61              | 70.43                   | 71.973            |                    |         |
| 12,500.00               | 6,899.52            | 6,463.13            | 6,379.17            | 161.56          | 33.63       | -30.60                | 917.36                            | 438.59     | 5,168.23             | 5,097.76              | 70.48                   | 73.331            |                    |         |
| 12,600.00               | 6,898.61            | 6,461.81            | 6,377.86            | 164.34          | 33.62       | -30.54                | 917.34                            | 438.46     | 5,267.45             | 5,196.92              | 70.53                   | 74.686            |                    |         |
| 12,700.00               | 6,897.70            | 6,460.54            | 6,376.59            | 167.11          | 33.62       | -30.48                | 917.33                            | 438.34     | 5,366.70             | 5,296.12              | 70.58                   | 76.039            |                    |         |
| 12,800.00               | 6,896.79            | 6,459.31            | 6,375.36            | 169.89          | 33.62       | -30.43                | 917.32                            | 438.22     | 5,465.97             | 5,395.34              | 70.63                   | 77.390            |                    |         |
| 12,900.00               | 6,895.87            | 6,458.11            | 6,374.17            | 172.67          | 33.61       | -30.38                | 917.31                            | 438.11     | 5,565.26             | 5,494.58              | 70.68                   | 78.739            |                    |         |
| 13,000.00               | 6,894.96            | 6,456.96            | 6,373.02            | 175.45          | 33.61       | -30.33                | 917.29                            | 438.00     | 5,664.58             | 5,593.84              | 70.73                   | 80.085            |                    |         |
| 13,100.00               | 6,894.05            | 6,455.84            | 6,371.91            | 178.23          | 33.60       | -30.28                | 917.28                            | 437.90     | 5,763.91             | 5,693.13              | 70.78                   | 81.429            |                    |         |
| 13,200.00               | 6,893.14            | 6,454.75            | 6,370.82            | 181.02          | 33.60       | -30.23                | 917.27                            | 437.81     | 5,863.27             | 5,792.43              | 70.84                   | 82.771            |                    |         |
| 13,300.00               | 6,892.23            | 6,453.70            | 6,369.77            | 183.80          | 33.60       | -30.19                | 917.26                            | 437.71     | 5,962.65             | 5,891.76              | 70.89                   | 84.110            |                    |         |
| 13,400.00               | 6,891.31            | 6,452.67            | 6,368.75            | 186.59          | 33.59       | -30.14                | 917.25                            | 437.63     | 6,062.05             | 5,991.10              | 70.95                   | 85.446            |                    |         |
| 13,500.00               | 6,890.40            | 6,451.68            | 6,367.77            | 189.38          | 33.59       | -30.10                | 917.24                            | 437.54     | 6,161.46             | 6,090.46              | 71.00                   | 86.780            |                    |         |
| 13,600.00               | 6,889.49            | 6,410.00            | 6,326.15            | 192.17          | 33.45       | -28.39                | 917.03                            | 435.25     | 6,262.17             | 6,191.14              | 71.03                   | 88.161            |                    |         |
| 13,700.00               | 6,888.58            | 6,410.00            | 6,326.15            | 194.97          | 33.45       | -28.39                | 917.03                            | 435.25     | 6,361.56             | 6,290.47              | 71.09                   | 89.488            |                    |         |
| 13,800.00               | 6,887.67            | 6,410.00            | 6,326.15            | 197.76          | 33.45       | -28.39                | 917.03                            | 435.25     | 6,460.97             | 6,389.82              | 71.15                   | 90.811            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 168-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 13,900.00               | 6,886.76            | 6,410.00            | 6,326.15            | 200.56          | 33.45       | -28.39                | 917.03                            | 435.25     | 6,560.39             | 6,489.19              | 71.21                   | 92.132            |                    |         |
| 14,000.00               | 6,885.84            | 6,410.00            | 6,326.15            | 203.35          | 33.45       | -28.39                | 917.03                            | 435.25     | 6,659.84             | 6,588.57              | 71.27                   | 93.450            |                    |         |
| 14,100.00               | 6,884.93            | 6,410.00            | 6,326.15            | 206.15          | 33.45       | -28.39                | 917.03                            | 435.25     | 6,759.29             | 6,687.97              | 71.33                   | 94.765            |                    |         |
| 14,200.00               | 6,884.02            | 6,410.00            | 6,326.15            | 208.95          | 33.45       | -28.39                | 917.03                            | 435.25     | 6,858.77             | 6,787.38              | 71.39                   | 96.077            |                    |         |
| 14,300.00               | 6,883.11            | 6,410.00            | 6,326.15            | 211.75          | 33.45       | -28.39                | 917.03                            | 435.25     | 6,958.26             | 6,886.81              | 71.45                   | 97.387            |                    |         |
| 14,400.00               | 6,882.20            | 6,410.00            | 6,326.15            | 214.55          | 33.45       | -28.39                | 917.03                            | 435.25     | 7,057.76             | 6,986.25              | 71.51                   | 98.693            |                    |         |
| 14,500.00               | 6,881.29            | 6,410.00            | 6,326.15            | 217.35          | 33.45       | -28.39                | 917.03                            | 435.25     | 7,157.28             | 7,085.71              | 71.58                   | 99.996            |                    |         |
| 14,600.00               | 6,880.37            | 6,410.00            | 6,326.15            | 220.15          | 33.45       | -28.39                | 917.03                            | 435.25     | 7,256.81             | 7,185.17              | 71.64                   | 101.296           |                    |         |
| 14,700.00               | 6,879.46            | 6,410.00            | 6,326.15            | 222.95          | 33.45       | -28.39                | 917.03                            | 435.25     | 7,356.36             | 7,284.65              | 71.70                   | 102.593           |                    |         |
| 14,800.00               | 6,878.55            | 6,410.00            | 6,326.15            | 225.76          | 33.45       | -28.39                | 917.03                            | 435.25     | 7,455.91             | 7,384.14              | 71.77                   | 103.887           |                    |         |
| 14,900.00               | 6,877.64            | 6,410.00            | 6,326.15            | 228.56          | 33.45       | -28.39                | 917.03                            | 435.25     | 7,555.48             | 7,483.65              | 71.84                   | 105.177           |                    |         |
| 15,000.00               | 6,876.73            | 6,410.00            | 6,326.15            | 231.37          | 33.45       | -28.39                | 917.03                            | 435.25     | 7,655.06             | 7,583.16              | 71.90                   | 106.464           |                    |         |
| 15,100.00               | 6,875.82            | 6,410.00            | 6,326.15            | 234.18          | 33.45       | -28.39                | 917.03                            | 435.25     | 7,754.65             | 7,682.68              | 71.97                   | 107.748           |                    |         |
| 15,200.00               | 6,874.90            | 6,410.00            | 6,326.15            | 236.98          | 33.45       | -28.39                | 917.03                            | 435.25     | 7,854.25             | 7,782.21              | 72.04                   | 109.029           |                    |         |
| 15,300.00               | 6,873.99            | 6,410.00            | 6,326.15            | 239.79          | 33.45       | -28.39                | 917.03                            | 435.25     | 7,953.86             | 7,881.75              | 72.11                   | 110.306           |                    |         |
| 15,400.00               | 6,873.08            | 6,410.00            | 6,326.15            | 242.60          | 33.45       | -28.39                | 917.03                            | 435.25     | 8,053.48             | 7,981.31              | 72.18                   | 111.580           |                    |         |
| 15,500.00               | 6,872.17            | 6,410.00            | 6,326.15            | 245.41          | 33.45       | -28.39                | 917.03                            | 435.25     | 8,153.11             | 8,080.86              | 72.25                   | 112.850           |                    |         |
| 15,600.00               | 6,871.26            | 6,410.00            | 6,326.15            | 248.22          | 33.45       | -28.39                | 917.03                            | 435.25     | 8,252.75             | 8,180.43              | 72.32                   | 114.117           |                    |         |
| 15,700.00               | 6,870.35            | 6,410.00            | 6,326.15            | 251.03          | 33.45       | -28.39                | 917.03                            | 435.25     | 8,352.40             | 8,280.01              | 72.39                   | 115.381           |                    |         |
| 15,737.91               | 6,870.00            | 6,410.00            | 6,326.15            | 252.10          | 33.45       | -28.39                | 917.03                            | 435.25     | 8,390.17             | 8,317.75              | 72.42                   | 115.859           |                    |         |
| 15,738.53               | 6,869.99            | 6,410.00            | 6,326.15            | 252.11          | 33.45       | -28.39                | 917.03                            | 435.25     | 8,390.79             | 8,318.37              | 72.42                   | 115.866           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 165-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                    | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 94.01                 | -35.69                            | 509.42     | 510.72               |                       |                         |                   |                    |         |
| 100.00                  | 100.00              | 93.24               | 93.24               | 3.28            | 3.29        | 94.02                 | -35.83                            | 509.39     | 510.65               | 504.08                | 6.57                    | 77.712            |                    |         |
| 200.00                  | 200.00              | 194.37              | 194.37              | 3.34            | 3.32        | 94.08                 | -36.28                            | 509.26     | 510.56               | 503.90                | 6.65                    | 76.733            |                    |         |
| 300.00                  | 300.00              | 297.95              | 297.94              | 3.44            | 3.41        | 94.18                 | -37.15                            | 508.57     | 509.95               | 503.09                | 6.86                    | 74.346            |                    |         |
| 400.00                  | 399.98              | 397.73              | 397.72              | 3.60            | 3.56        | 94.33                 | -37.81                            | 507.48     | 508.15               | 500.98                | 7.16                    | 70.948            |                    |         |
| 500.00                  | 499.84              | 500.75              | 500.72              | 3.81            | 3.76        | 95.03                 | -38.45                            | 506.22     | 504.75               | 497.18                | 7.56                    | 66.736            |                    |         |
| 550.00                  | 549.68              | 551.24              | 551.21              | 3.93            | 3.87        | 95.54                 | -38.84                            | 505.35     | 502.27               | 494.48                | 7.79                    | 64.459            |                    |         |
| 600.00                  | 599.45              | 601.25              | 601.21              | 4.06            | 3.99        | 96.84                 | -39.17                            | 504.45     | 499.34               | 491.31                | 8.04                    | 62.128            |                    |         |
| 700.00                  | 698.71              | 696.70              | 696.64              | 4.33            | 4.24        | 97.29                 | -39.24                            | 503.10     | 492.39               | 483.83                | 8.56                    | 57.536            |                    |         |
| 800.00                  | 797.49              | 798.68              | 798.62              | 4.64            | 4.53        | 98.29                 | -38.56                            | 501.85     | 483.76               | 474.60                | 9.15                    | 52.853            |                    |         |
| 900.00                  | 895.68              | 897.41              | 897.32              | 4.97            | 4.83        | 99.14                 | -36.75                            | 500.43     | 473.19               | 463.40                | 9.78                    | 48.361            |                    |         |
| 1,000.00                | 993.14              | 995.59              | 995.42              | 5.33            | 5.14        | 100.56                | -33.13                            | 499.24     | 461.15               | 450.70                | 10.46                   | 44.107            |                    |         |
| 1,039.84                | 1,031.75            | 1,033.50            | 1,033.28            | 5.48            | 5.27        | 101.24                | -31.34                            | 498.90     | 456.08               | 445.35                | 10.73                   | 42.503            |                    |         |
| 1,100.00                | 1,089.94            | 1,090.72            | 1,090.43            | 5.72            | 5.46        | 102.08                | -28.36                            | 498.62     | 448.59               | 437.43                | 11.16                   | 40.214            |                    |         |
| 1,200.00                | 1,186.67            | 1,186.66            | 1,186.19            | 6.13            | 5.79        | 103.08                | -22.56                            | 498.82     | 437.15               | 425.26                | 11.89                   | 36.761            |                    |         |
| 1,300.00                | 1,283.39            | 1,288.10            | 1,287.41            | 6.55            | 6.15        | 104.20                | -15.85                            | 498.88     | 426.12               | 413.45                | 12.68                   | 33.612            |                    |         |
| 1,400.00                | 1,380.12            | 1,395.17            | 1,394.07            | 6.99            | 6.56        | 105.43                | -6.61                             | 498.12     | 414.41               | 400.90                | 13.51                   | 30.676            |                    |         |
| 1,500.00                | 1,476.85            | 1,502.33            | 1,500.32            | 7.45            | 6.99        | 106.77                | 7.18                              | 496.53     | 400.95               | 386.58                | 14.37                   | 27.910            |                    |         |
| 1,600.00                | 1,573.57            | 1,605.26            | 1,602.10            | 7.90            | 7.42        | 108.22                | 22.27                             | 493.86     | 386.19               | 370.96                | 15.23                   | 25.358            |                    |         |
| 1,700.00                | 1,670.30            | 1,705.75            | 1,701.48            | 8.37            | 7.85        | 109.73                | 36.71                             | 490.13     | 371.01               | 354.91                | 16.10                   | 23.042            |                    |         |
| 1,800.00                | 1,767.03            | 1,803.74            | 1,798.43            | 8.85            | 8.29        | 111.26                | 50.20                             | 485.52     | 355.83               | 338.85                | 16.98                   | 20.955            |                    |         |
| 1,900.00                | 1,863.75            | 1,898.39            | 1,892.18            | 9.32            | 8.71        | 112.82                | 62.44                             | 481.26     | 341.95               | 324.08                | 17.87                   | 19.140            |                    |         |
| 2,000.00                | 1,960.48            | 1,994.26            | 1,987.07            | 9.81            | 9.15        | 114.38                | 75.83                             | 478.48     | 329.59               | 310.83                | 18.76                   | 17.566            |                    |         |
| 2,100.00                | 2,057.21            | 2,090.58            | 2,082.51            | 10.29           | 9.59        | 116.06                | 88.53                             | 475.74     | 318.52               | 298.85                | 19.67                   | 16.197            |                    |         |
| 2,200.00                | 2,153.93            | 2,186.38            | 2,177.55            | 10.78           | 10.03       | 117.76                | 100.21                            | 472.95     | 308.96               | 288.39                | 20.57                   | 15.021            |                    |         |
| 2,300.00                | 2,250.66            | 2,287.72            | 2,278.16            | 11.28           | 10.50       | 119.41                | 112.04                            | 469.89     | 300.79               | 279.32                | 21.47                   | 14.007            |                    |         |
| 2,400.00                | 2,347.39            | 2,390.94            | 2,380.27            | 11.77           | 10.99       | 121.02                | 126.54                            | 466.05     | 291.61               | 269.23                | 22.38                   | 13.029            |                    |         |
| 2,500.00                | 2,444.11            | 2,488.53            | 2,476.63            | 12.27           | 11.47       | 122.68                | 141.69                            | 462.93     | 282.79               | 259.50                | 23.29                   | 12.142            |                    |         |
| 2,600.00                | 2,540.84            | 2,588.71            | 2,575.59            | 12.77           | 11.97       | 124.33                | 156.86                            | 459.46     | 275.29               | 251.10                | 24.19                   | 11.379            |                    |         |
| 2,700.00                | 2,637.57            | 2,690.40            | 2,675.68            | 13.27           | 12.48       | 126.00                | 174.69                            | 457.16     | 267.61               | 242.51                | 25.09                   | 10.665            |                    |         |
| 2,800.00                | 2,734.30            | 2,788.54            | 2,772.21            | 13.78           | 12.99       | 127.64                | 192.06                            | 453.90     | 260.38               | 234.39                | 25.99                   | 10.017            |                    |         |
| 2,900.00                | 2,831.02            | 2,883.53            | 2,865.73            | 14.28           | 13.48       | 129.26                | 208.49                            | 451.48     | 255.11               | 228.21                | 26.90                   | 9.483             |                    |         |
| 3,000.00                | 2,927.75            | 2,981.83            | 2,962.56            | 14.79           | 13.99       | 130.85                | 225.48                            | 450.83     | 251.74               | 223.94                | 27.80                   | 9.055             |                    |         |
| 3,100.00                | 3,024.48            | 3,079.12            | 3,058.45            | 15.29           | 14.49       | 132.41                | 241.83                            | 449.32     | 249.72               | 221.02                | 28.70                   | 8.702             |                    |         |
| 3,155.63                | 3,078.29            | 3,132.88            | 3,111.48            | 15.58           | 14.77       | 133.93                | 250.52                            | 448.06     | 249.40               | 220.20                | 29.19                   | 8.543 CC          |                    |         |
| 3,200.00                | 3,121.20            | 3,175.67            | 3,153.72            | 15.80           | 14.99       | 135.41                | 257.26                            | 446.91     | 249.61               | 220.02                | 29.59                   | 8.436 ES          |                    |         |
| 3,300.00                | 3,217.93            | 3,272.51            | 3,249.37            | 16.31           | 15.48       | 136.93                | 272.05                            | 443.63     | 251.55               | 221.07                | 30.48                   | 8.252             |                    |         |
| 3,400.00                | 3,314.66            | 3,370.77            | 3,346.47            | 16.82           | 15.99       | 138.40                | 286.85                            | 440.68     | 255.27               | 223.88                | 31.39                   | 8.133             |                    |         |
| 3,500.00                | 3,411.38            | 3,467.32            | 3,441.91            | 17.33           | 16.48       | 140.05                | 301.16                            | 437.95     | 260.63               | 228.34                | 32.29                   | 8.070             |                    |         |
| 3,600.00                | 3,508.11            | 3,571.49            | 3,544.78            | 17.84           | 17.02       | 141.76                | 317.38                            | 435.96     | 266.49               | 233.25                | 33.23                   | 8.018             |                    |         |
| 3,700.00                | 3,604.84            | 3,666.66            | 3,638.74            | 18.36           | 17.51       | 143.41                | 332.43                            | 434.57     | 273.14               | 238.98                | 34.16                   | 7.996 SF          |                    |         |
| 3,800.00                | 3,701.56            | 3,765.36            | 3,736.19            | 18.87           | 18.03       | 145.03                | 347.94                            | 432.33     | 281.09               | 245.99                | 35.11                   | 8.006             |                    |         |
| 3,900.00                | 3,798.29            | 3,864.20            | 3,833.66            | 19.38           | 18.55       | 146.64                | 364.00                            | 429.16     | 289.81               | 253.73                | 36.08                   | 8.033             |                    |         |
| 4,000.00                | 3,895.02            | 3,961.05            | 3,929.11            | 19.89           | 19.07       | 148.22                | 379.92                            | 425.16     | 299.68               | 262.63                | 37.05                   | 8.089             |                    |         |
| 4,100.00                | 3,991.74            | 4,056.68            | 4,023.39            | 20.41           | 19.58       | 149.76                | 395.32                            | 420.76     | 311.09               | 273.07                | 38.02                   | 8.182             |                    |         |
| 4,200.00                | 4,088.47            | 4,150.62            | 4,116.17            | 20.92           | 20.07       | 151.26                | 409.41                            | 416.45     | 324.42               | 285.44                | 38.98                   | 8.323             |                    |         |
| 4,300.00                | 4,185.20            | 4,244.25            | 4,208.80            | 21.44           | 20.55       | 152.72                | 422.29                            | 411.94     | 339.72               | 299.80                | 39.93                   | 8.508             |                    |         |
| 4,400.00                | 4,281.92            | 4,340.98            | 4,304.60            | 21.95           | 21.04       | 154.16                | 434.72                            | 406.89     | 356.65               | 315.75                | 40.91                   | 8.719             |                    |         |
| 4,500.00                | 4,378.65            | 4,442.76            | 4,405.48            | 22.47           | 21.55       | 155.57                | 447.80                            | 404.09     | 372.78               | 330.85                | 41.93                   | 8.890             |                    |         |
| 4,600.00                | 4,475.38            | 4,532.15            | 4,494.34            | 22.99           | 21.98       | 156.93                | 457.42                            | 402.11     | 390.64               | 347.85                | 42.79                   | 9.130             |                    |         |
| 4,700.00                | 4,572.10            | 4,627.38            | 4,589.18            | 23.50           | 22.42       | 158.33                | 465.77                            | 401.09     | 409.67               | 365.98                | 43.69                   | 9.376             |                    |         |
| 4,800.00                | 4,668.83            | 4,715.89            | 4,677.47            | 24.02           | 22.81       | 159.66                | 471.92                            | 399.89     | 430.41               | 385.93                | 44.48                   | 9.676             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 165-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00                | 4,765.56            | 4,803.94            | 4,765.42            | 24.53           | 23.19       | 178.52                | 475.87                            | 398.51     | 453.27               | 408.03                | 45.23                   | 10.020            |                    |         |
| 5,000.00                | 4,862.28            | 4,889.80            | 4,851.26            | 25.05           | 23.52       | 178.81                | 477.19                            | 397.29     | 478.31               | 432.40                | 45.91                   | 10.418            |                    |         |
| 5,100.00                | 4,959.01            | 4,989.22            | 4,950.67            | 25.57           | 23.90       | 179.01                | 477.52                            | 395.97     | 504.22               | 457.40                | 46.82                   | 10.769            |                    |         |
| 5,200.00                | 5,055.74            | 5,085.60            | 5,047.04            | 26.09           | 24.28       | 179.22                | 478.16                            | 394.69     | 529.89               | 482.21                | 47.68                   | 11.113            |                    |         |
| 5,300.00                | 5,152.46            | 5,178.54            | 5,139.97            | 26.60           | 24.64       | 179.41                | 478.59                            | 393.13     | 555.93               | 507.45                | 48.48                   | 11.466            |                    |         |
| 5,400.00                | 5,249.19            | 5,275.51            | 5,236.91            | 27.12           | 25.02       | 179.61                | 478.96                            | 391.21     | 582.22               | 532.87                | 49.35                   | 11.797            |                    |         |
| 5,500.00                | 5,345.92            | 5,369.52            | 5,330.91            | 27.64           | 25.38       | 179.78                | 479.08                            | 389.36     | 608.70               | 558.53                | 50.17                   | 12.132            |                    |         |
| 5,600.00                | 5,442.65            | 5,468.62            | 5,429.99            | 28.16           | 25.76       | 179.93                | 479.17                            | 387.47     | 635.17               | 584.09                | 51.08                   | 12.435            |                    |         |
| 5,700.00                | 5,539.37            | 5,573.42            | 5,534.76            | 28.68           | 26.18       | -179.87               | 480.32                            | 385.59     | 660.83               | 608.75                | 52.08                   | 12.689            |                    |         |
| 5,800.00                | 5,636.10            | 5,664.05            | 5,645.38            | 29.20           | 26.62       | -179.85               | 481.60                            | 386.21     | 685.02               | 631.89                | 53.13                   | 12.893            |                    |         |
| 5,900.00                | 5,732.83            | 5,792.56            | 5,753.82            | 29.71           | 27.05       | -179.92               | 484.04                            | 389.21     | 706.97               | 652.84                | 54.13                   | 13.061            |                    |         |
| 6,000.00                | 5,829.55            | 5,876.73            | 5,837.93            | 30.23           | 27.38       | -179.91               | 486.41                            | 391.05     | 728.95               | 674.12                | 54.83                   | 13.294            |                    |         |
| 6,100.00                | 5,926.28            | 5,952.99            | 5,914.19            | 30.75           | 27.69       | -179.89               | 486.79                            | 390.97     | 753.93               | 698.53                | 55.40                   | 13.608            |                    |         |
| 6,200.00                | 6,023.01            | 6,052.88            | 6,014.08            | 31.27           | 28.08       | -179.82               | 487.08                            | 389.94     | 779.73               | 723.41                | 56.32                   | 13.845            |                    |         |
| 6,300.00                | 6,119.73            | 6,146.96            | 6,108.14            | 31.79           | 28.46       | -179.71               | 487.95                            | 388.58     | 805.31               | 748.16                | 57.15                   | 14.091            |                    |         |
| 6,397.75                | 6,214.28            | 6,234.40            | 6,195.56            | 32.30           | 28.79       | -179.77               | 486.58                            | 388.32     | 831.41               | 773.53                | 57.88                   | 14.364            |                    |         |
| 6,400.00                | 6,216.46            | 6,237.98            | 6,199.14            | 32.31           | 28.80       | -179.14               | 486.50                            | 388.34     | 832.01               | 774.09                | 57.92                   | 14.365            |                    |         |
| 6,450.00                | 6,265.12            | 6,320.04            | 6,281.18            | 32.56           | 29.11       | -162.62               | 485.86                            | 390.02     | 842.99               | 784.23                | 58.76                   | 14.345            |                    |         |
| 6,500.00                | 6,314.12            | 6,351.06            | 6,313.18            | 32.78           | 29.82       | -143.66               | 487.44                            | 420.42     | 847.79               | 787.85                | 59.94                   | 14.144            |                    |         |
| 6,550.00                | 6,363.16            | 6,384.43            | 6,338.56            | 32.99           | 30.04       | -123.57               | 487.46                            | 443.53     | 844.01               | 783.74                | 60.27                   | 14.004            |                    |         |
| 6,600.00                | 6,411.94            | 6,400.00            | 6,313.92            | 33.18           | 30.09       | -109.65               | 486.85                            | 478.94     | 835.53               | 775.22                | 60.32                   | 13.852            |                    |         |
| 6,650.00                | 6,460.15            | 6,400.66            | 6,326.07            | 33.35           | 30.65       | -104.98               | 486.12                            | 549.62     | 823.41               | 763.01                | 60.40                   | 13.633            |                    |         |
| 6,700.00                | 6,507.49            | 6,465.66            | 6,375.34            | 33.52           | 30.81       | -102.11               | 485.41                            | 591.97     | 809.32               | 748.53                | 60.79                   | 13.314            |                    |         |
| 6,750.00                | 6,553.69            | 6,513.03            | 6,408.97            | 33.69           | 30.94       | -101.06               | 485.07                            | 625.33     | 795.09               | 733.73                | 61.36                   | 12.957            |                    |         |
| 6,800.00                | 6,598.44            | 6,545.11            | 6,430.65            | 33.85           | 31.03       | -100.65               | 485.07                            | 648.96     | 781.79               | 719.72                | 62.07                   | 12.595            |                    |         |
| 6,850.00                | 6,641.47            | 6,563.88            | 6,442.92            | 34.02           | 31.10       | -100.21               | 485.15                            | 663.16     | 770.21               | 707.42                | 62.79                   | 12.267            |                    |         |
| 6,900.00                | 6,682.53            | 6,572.79            | 6,448.64            | 34.19           | 31.13       | -99.54                | 485.22                            | 670.00     | 760.88               | 697.45                | 63.44                   | 11.994            |                    |         |
| 6,950.00                | 6,721.35            | 6,574.31            | 6,449.60            | 34.38           | 31.13       | -98.57                | 485.23                            | 671.17     | 754.12               | 690.15                | 63.96                   | 11.790            |                    |         |
| 7,000.00                | 6,757.70            | 6,570.17            | 6,446.97            | 34.57           | 31.12       | -97.29                | 485.20                            | 667.99     | 750.05               | 685.71                | 64.34                   | 11.658            |                    |         |
| 7,050.00                | 6,791.35            | 6,561.66            | 6,441.49            | 34.79           | 31.09       | -95.70                | 485.14                            | 661.47     | 748.68               | 684.13                | 64.55                   | 11.598            |                    |         |
| 7,050.56                | 6,791.71            | 6,561.54            | 6,441.41            | 34.79           | 31.09       | -95.68                | 485.14                            | 661.38     | 748.68               | 684.13                | 64.55                   | 11.598            |                    |         |
| 7,100.00                | 6,822.10            | 6,549.71            | 6,433.69            | 35.03           | 31.05       | -93.84                | 485.08                            | 652.41     | 749.94               | 685.33                | 64.62                   | 11.606            |                    |         |
| 7,150.00                | 6,849.75            | 6,535.01            | 6,423.93            | 35.30           | 31.00       | -91.73                | 485.05                            | 641.43     | 753.65               | 689.10                | 64.55                   | 11.675            |                    |         |
| 7,200.00                | 6,874.14            | 6,518.12            | 6,412.47            | 35.61           | 30.95       | -89.43                | 485.06                            | 629.02     | 759.58               | 695.19                | 64.40                   | 11.795            |                    |         |
| 7,250.00                | 6,895.11            | 6,499.43            | 6,399.51            | 35.95           | 30.91       | -86.97                | 485.13                            | 615.55     | 767.47               | 703.29                | 64.19                   | 11.957            |                    |         |
| 7,300.00                | 6,912.54            | 6,479.89            | 6,385.65            | 36.34           | 30.85       | -84.45                | 485.28                            | 601.79     | 777.03               | 713.06                | 63.97                   | 12.147            |                    |         |
| 7,350.00                | 6,926.31            | 6,460.82            | 6,371.80            | 36.77           | 30.80       | -81.97                | 485.46                            | 588.68     | 787.99               | 724.18                | 63.81                   | 12.349            |                    |         |
| 7,400.00                | 6,936.35            | 6,440.81            | 6,356.92            | 37.25           | 30.75       | -79.47                | 485.66                            | 575.29     | 800.09               | 736.39                | 63.70                   | 12.560            |                    |         |
| 7,450.00                | 6,942.59            | 6,420.00            | 6,341.10            | 37.76           | 30.70       | -76.99                | 485.89                            | 561.79     | 813.03               | 749.37                | 63.66                   | 12.772            |                    |         |
| 7,500.00                | 6,944.99            | 6,398.52            | 6,324.38            | 38.31           | 30.65       | -74.57                | 486.14                            | 548.30     | 826.55               | 762.87                | 63.68                   | 12.980            |                    |         |
| 7,512.10                | 6,945.00            | 6,390.00            | 6,317.65            | 38.44           | 30.63       | -73.82                | 486.25                            | 543.07     | 829.88               | 766.29                | 63.59                   | 13.051            |                    |         |
| 7,600.00                | 6,944.19            | 6,371.73            | 6,294.86            | 39.51           | 30.55       | -72.25                | 486.54                            | 526.35     | 857.26               | 793.21                | 64.05                   | 13.385            |                    |         |
| 7,700.00                | 6,943.28            | 6,350.72            | 6,275.07            | 40.90           | 30.47       | -70.51                | 486.71                            | 509.14     | 895.90               | 831.32                | 64.58                   | 13.873            |                    |         |
| 7,800.00                | 6,942.37            | 6,330.00            | 6,256.41            | 42.44           | 30.37       | -68.48                | 486.69                            | 490.83     | 942.01               | 877.09                | 64.92                   | 14.510            |                    |         |
| 7,900.00                | 6,941.46            | 6,310.77            | 6,237.52            | 44.11           | 30.31       | -67.39                | 486.66                            | 481.62     | 994.54               | 928.85                | 65.69                   | 15.140            |                    |         |
| 8,000.00                | 6,940.55            | 6,290.37            | 6,218.99            | 45.90           | 30.24       | -65.89                | 486.74                            | 469.65     | 1,052.78             | 986.60                | 66.18                   | 15.909            |                    |         |
| 8,100.00                | 6,939.64            | 6,270.07            | 6,200.92            | 47.80           | 30.17       | -64.57                | 486.93                            | 459.73     | 1,115.95             | 1,049.29              | 66.66                   | 16.742            |                    |         |
| 8,200.00                | 6,938.72            | 6,250.00            | 6,182.00            | 49.79           | 30.09       | -63.10                | 487.26                            | 449.37     | 1,183.46             | 1,116.46              | 66.99                   | 17.665            |                    |         |
| 8,300.00                | 6,937.81            | 6,230.00            | 6,163.00            | 51.86           | 30.09       | -63.10                | 487.26                            | 449.37     | 1,254.79             | 1,187.00              | 67.79                   | 18.510            |                    |         |
| 8,400.00                | 6,936.90            | 6,210.05            | 6,144.02            | 54.01           | 30.00       | -61.55                | 487.57                            | 439.06     | 1,329.11             | 1,261.16              | 67.95                   | 19.559            |                    |         |
| 8,500.00                | 6,935.99            | 6,190.49            | 6,125.37            | 56.21           | 29.95       | -60.75                | 487.63                            | 433.99     | 1,406.35             | 1,338.05              | 68.30                   | 20.589            |                    |         |
| 8,600.00                | 6,935.08            | 6,170.01            | 6,106.67            | 58.47           | 29.91       | -60.03                | 487.63                            | 429.49     | 1,485.98             | 1,417.37              | 68.61                   | 21.658            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 165-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,700.00                | 6,934.17            | 6,531.51            | 6,488.83            | 60.78           | 29.87       | -59.36                | 487.58                            | 425.47     | 1,567.66             | 1,498.78              | 68.88                   | 22.760            |                    |         |
| 8,800.00                | 6,933.25            | 6,505.00            | 6,463.56            | 63.13           | 29.78       | -57.97                | 487.32                            | 417.47     | 1,651.31             | 1,582.39              | 68.92                   | 23.959            |                    |         |
| 8,900.00                | 6,932.34            | 6,505.00            | 6,463.56            | 65.52           | 29.78       | -57.97                | 487.32                            | 417.47     | 1,736.15             | 1,666.88              | 69.27                   | 25.064            |                    |         |
| 9,000.00                | 6,931.43            | 6,505.00            | 6,463.56            | 67.95           | 29.78       | -57.97                | 487.32                            | 417.47     | 1,822.53             | 1,752.97              | 69.56                   | 26.201            |                    |         |
| 9,100.00                | 6,930.52            | 6,505.00            | 6,463.56            | 70.40           | 29.78       | -57.97                | 487.32                            | 417.47     | 1,910.23             | 1,840.43              | 69.80                   | 27.367            |                    |         |
| 9,200.00                | 6,929.61            | 6,505.00            | 6,463.56            | 72.89           | 29.78       | -57.97                | 487.32                            | 417.47     | 1,999.09             | 1,929.09              | 70.00                   | 28.557            |                    |         |
| 9,300.00                | 6,928.69            | 6,505.00            | 6,463.56            | 75.40           | 29.78       | -57.97                | 487.32                            | 417.47     | 2,088.96             | 2,018.78              | 70.18                   | 29.767            |                    |         |
| 9,400.00                | 6,927.78            | 6,505.00            | 6,463.56            | 77.93           | 29.78       | -57.97                | 487.32                            | 417.47     | 2,179.71             | 2,109.39              | 70.32                   | 30.996            |                    |         |
| 9,500.00                | 6,926.87            | 6,469.03            | 6,428.83            | 80.48           | 29.66       | -56.13                | 486.87                            | 408.15     | 2,269.91             | 2,199.71              | 70.20                   | 32.334            |                    |         |
| 9,600.00                | 6,925.96            | 6,464.08            | 6,424.00            | 83.05           | 29.64       | -55.88                | 486.81                            | 407.03     | 2,361.75             | 2,291.45              | 70.30                   | 33.598            |                    |         |
| 9,700.00                | 6,925.05            | 6,459.45            | 6,419.48            | 85.64           | 29.62       | -55.65                | 486.76                            | 406.02     | 2,454.17             | 2,383.79              | 70.38                   | 34.871            |                    |         |
| 9,800.00                | 6,924.14            | 6,455.12            | 6,415.25            | 88.25           | 29.61       | -55.43                | 486.72                            | 405.12     | 2,547.13             | 2,476.68              | 70.45                   | 36.154            |                    |         |
| 9,900.00                | 6,923.22            | 6,451.07            | 6,411.28            | 90.86           | 29.59       | -55.23                | 486.68                            | 404.29     | 2,640.57             | 2,570.05              | 70.52                   | 37.445            |                    |         |
| 10,000.00               | 6,922.31            | 6,447.26            | 6,407.55            | 93.50           | 29.58       | -55.04                | 486.65                            | 403.55     | 2,734.44             | 2,663.86              | 70.58                   | 38.743            |                    |         |
| 10,100.00               | 6,921.40            | 6,410.00            | 6,370.79            | 96.14           | 29.45       | -53.22                | 486.37                            | 397.52     | 2,829.84             | 2,759.38              | 70.46                   | 40.163            |                    |         |
| 10,200.00               | 6,920.49            | 6,410.00            | 6,370.79            | 98.79           | 29.45       | -53.22                | 486.37                            | 397.52     | 2,924.25             | 2,853.71              | 70.54                   | 41.457            |                    |         |
| 10,300.00               | 6,919.58            | 6,410.00            | 6,370.79            | 101.45          | 29.45       | -53.22                | 486.37                            | 397.52     | 3,019.01             | 2,948.41              | 70.61                   | 42.758            |                    |         |
| 10,400.00               | 6,918.67            | 6,410.00            | 6,370.79            | 104.13          | 29.45       | -53.22                | 486.37                            | 397.52     | 3,114.11             | 3,043.44              | 70.67                   | 44.065            |                    |         |
| 10,500.00               | 6,917.75            | 6,410.00            | 6,370.79            | 106.81          | 29.45       | -53.22                | 486.37                            | 397.52     | 3,209.50             | 3,138.77              | 70.73                   | 45.378            |                    |         |
| 10,600.00               | 6,916.84            | 6,410.00            | 6,370.79            | 109.50          | 29.45       | -53.22                | 486.37                            | 397.52     | 3,305.16             | 3,234.38              | 70.78                   | 46.695            |                    |         |
| 10,700.00               | 6,915.93            | 6,410.00            | 6,370.79            | 112.19          | 29.45       | -53.22                | 486.37                            | 397.52     | 3,401.08             | 3,330.24              | 70.83                   | 48.016            |                    |         |
| 10,800.00               | 6,915.02            | 6,410.00            | 6,370.79            | 114.90          | 29.45       | -53.22                | 486.37                            | 397.52     | 3,497.22             | 3,426.34              | 70.88                   | 49.340            |                    |         |
| 10,900.00               | 6,914.11            | 6,410.00            | 6,370.79            | 117.61          | 29.45       | -53.22                | 486.37                            | 397.52     | 3,593.57             | 3,522.65              | 70.92                   | 50.668            |                    |         |
| 11,000.00               | 6,913.20            | 6,410.00            | 6,370.79            | 120.32          | 29.45       | -53.22                | 486.37                            | 397.52     | 3,690.12             | 3,619.15              | 70.97                   | 51.998            |                    |         |
| 11,100.00               | 6,912.28            | 6,410.00            | 6,370.79            | 123.04          | 29.45       | -53.22                | 486.37                            | 397.52     | 3,786.85             | 3,715.84              | 71.01                   | 53.331            |                    |         |
| 11,200.00               | 6,911.37            | 6,410.00            | 6,370.79            | 125.77          | 29.45       | -53.22                | 486.37                            | 397.52     | 3,883.74             | 3,812.69              | 71.05                   | 54.665            |                    |         |
| 11,300.00               | 6,910.46            | 6,410.00            | 6,370.79            | 128.50          | 29.45       | -53.22                | 486.37                            | 397.52     | 3,980.78             | 3,909.70              | 71.08                   | 56.001            |                    |         |
| 11,400.00               | 6,909.55            | 6,410.00            | 6,370.79            | 131.24          | 29.45       | -53.22                | 486.37                            | 397.52     | 4,077.97             | 4,006.85              | 71.12                   | 57.339            |                    |         |
| 11,500.00               | 6,908.64            | 6,410.00            | 6,370.79            | 133.98          | 29.45       | -53.22                | 486.37                            | 397.52     | 4,175.29             | 4,104.14              | 71.16                   | 58.677            |                    |         |
| 11,600.00               | 6,907.73            | 6,410.00            | 6,370.79            | 136.72          | 29.45       | -53.22                | 486.37                            | 397.52     | 4,272.74             | 4,201.55              | 71.19                   | 60.016            |                    |         |
| 11,700.00               | 6,906.81            | 6,410.00            | 6,370.79            | 139.47          | 29.45       | -53.22                | 486.37                            | 397.52     | 4,370.30             | 4,299.07              | 71.23                   | 61.356            |                    |         |
| 11,800.00               | 6,905.90            | 6,410.00            | 6,370.79            | 142.22          | 29.45       | -53.22                | 486.37                            | 397.52     | 4,467.97             | 4,396.70              | 71.26                   | 62.696            |                    |         |
| 11,900.00               | 6,904.99            | 6,410.00            | 6,370.79            | 144.97          | 29.45       | -53.22                | 486.37                            | 397.52     | 4,565.74             | 4,494.44              | 71.30                   | 64.037            |                    |         |
| 12,000.00               | 6,904.08            | 6,410.00            | 6,370.79            | 147.73          | 29.45       | -53.22                | 486.37                            | 397.52     | 4,663.60             | 4,592.27              | 71.33                   | 65.377            |                    |         |
| 12,100.00               | 6,903.17            | 6,410.00            | 6,370.79            | 150.49          | 29.45       | -53.22                | 486.37                            | 397.52     | 4,761.55             | 4,690.19              | 71.37                   | 66.717            |                    |         |
| 12,200.00               | 6,902.26            | 6,410.00            | 6,370.79            | 153.26          | 29.45       | -53.22                | 486.37                            | 397.52     | 4,859.59             | 4,788.19              | 71.41                   | 68.057            |                    |         |
| 12,300.00               | 6,901.34            | 6,410.00            | 6,370.79            | 156.02          | 29.45       | -53.22                | 486.37                            | 397.52     | 4,957.71             | 4,886.26              | 71.44                   | 69.396            |                    |         |
| 12,400.00               | 6,900.43            | 6,410.00            | 6,370.79            | 158.79          | 29.45       | -53.22                | 486.37                            | 397.52     | 5,055.89             | 4,984.42              | 71.48                   | 70.734            |                    |         |
| 12,500.00               | 6,899.52            | 6,410.00            | 6,370.79            | 161.56          | 29.45       | -53.22                | 486.37                            | 397.52     | 5,154.15             | 5,082.64              | 71.51                   | 72.072            |                    |         |
| 12,600.00               | 6,898.61            | 6,410.00            | 6,370.79            | 164.34          | 29.45       | -53.22                | 486.37                            | 397.52     | 5,252.48             | 5,180.92              | 71.55                   | 73.409            |                    |         |
| 12,700.00               | 6,897.70            | 6,410.00            | 6,370.79            | 167.11          | 29.45       | -53.22                | 486.37                            | 397.52     | 5,350.86             | 5,279.27              | 71.59                   | 74.745            |                    |         |
| 12,800.00               | 6,896.79            | 6,410.00            | 6,370.79            | 169.89          | 29.45       | -53.22                | 486.37                            | 397.52     | 5,449.31             | 5,377.68              | 71.63                   | 76.080            |                    |         |
| 12,900.00               | 6,895.87            | 6,410.00            | 6,370.79            | 172.67          | 29.45       | -53.22                | 486.37                            | 397.52     | 5,547.81             | 5,476.14              | 71.67                   | 77.413            |                    |         |
| 13,000.00               | 6,894.96            | 6,410.00            | 6,370.79            | 175.45          | 29.45       | -53.22                | 486.37                            | 397.52     | 5,646.36             | 5,574.66              | 71.70                   | 78.745            |                    |         |
| 13,100.00               | 6,894.05            | 6,410.00            | 6,370.79            | 178.23          | 29.45       | -53.22                | 486.37                            | 397.52     | 5,744.96             | 5,673.22              | 71.74                   | 80.076            |                    |         |
| 13,200.00               | 6,893.14            | 6,410.00            | 6,370.79            | 181.02          | 29.45       | -53.22                | 486.37                            | 397.52     | 5,843.61             | 5,771.83              | 71.78                   | 81.405            |                    |         |
| 13,300.00               | 6,892.23            | 6,410.00            | 6,370.79            | 183.80          | 29.45       | -53.22                | 486.37                            | 397.52     | 5,942.31             | 5,870.48              | 71.83                   | 82.732            |                    |         |
| 13,400.00               | 6,891.31            | 6,410.00            | 6,370.79            | 186.59          | 29.45       | -53.22                | 486.37                            | 397.52     | 6,041.05             | 5,969.18              | 71.87                   | 84.058            |                    |         |
| 13,500.00               | 6,890.40            | 6,410.00            | 6,370.79            | 189.38          | 29.45       | -53.22                | 486.37                            | 397.52     | 6,139.83             | 6,067.92              | 71.91                   | 85.381            |                    |         |
| 13,600.00               | 6,889.49            | 6,410.00            | 6,370.79            | 192.17          | 29.45       | -53.22                | 486.37                            | 397.52     | 6,238.65             | 6,166.69              | 71.95                   | 86.703            |                    |         |
| 13,700.00               | 6,888.58            | 6,369.12            | 6,330.16            | 194.97          | 29.29       | -51.31                | 486.14                            | 393.06     | 6,336.49             | 6,264.56              | 71.93                   | 88.091            |                    |         |
| 13,800.00               | 6,887.67            | 6,367.87            | 6,328.91            | 197.76          | 29.29       | -51.25                | 486.13                            | 392.95     | 6,435.32             | 6,363.35              | 71.98                   | 89.410            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design   |                | Boomerang 21-5 - SRC Wiedeman #21-5-3NBHZ - OH - OH |                |                 |        |                   |                        |            |                 |                  |                    |                   | Offset Site Error: |         | 0.00 ft |
|-----------------|----------------|---|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|--------------------|-------------------|--------------------|---------|---------|
| Survey Program: |                | 165-MWD   |                |                 |        |                   |                        |            |                 |                  |                    |                   | Offset Well Error: |         | 3.28 ft |
| Reference       |                | Offset  |                | Semi Major Axis |        |                   | Distance               |            |                 |                  |                    |                   |                    | Warning |         |
| Measured Depth  | Vertical Depth | Measured Depth                                      | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |            | Between Centres | Between Ellipses | Minimum Separation | Separation Factor |                    |         |         |
| (ft)            | (ft)           | (ft)  | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft) | (ft)            | (ft)             | (ft)               |                   |                    |         |         |
| 13,900.00       | 6,886.76       | 6,366.65  | 6,327.70       | 200.56          | 29.28  | -51.20            | 486.13                 | 392.84     | 6,534.19        | 6,462.17         | 72.02              | 90.728            |                    |         |         |
| 14,000.00       | 6,885.84       | 6,365.47  | 6,326.51       | 203.35          | 29.28  | -51.14            | 486.12                 | 392.74     | 6,633.08        | 6,561.02         | 72.06              | 92.043            |                    |         |         |
| 14,100.00       | 6,884.93       | 6,364.31  | 6,325.36       | 206.15          | 29.28  | -51.09            | 486.11                 | 392.65     | 6,732.01        | 6,659.90         | 72.11              | 93.356            |                    |         |         |
| 14,200.00       | 6,884.02       | 6,363.18  | 6,324.24       | 208.95          | 29.27  | -51.04            | 486.11                 | 392.56     | 6,830.97        | 6,758.81         | 72.16              | 94.667            |                    |         |         |
| 14,300.00       | 6,883.11       | 6,362.09  | 6,323.15       | 211.75          | 29.27  | -50.99            | 486.10                 | 392.47     | 6,929.95        | 6,857.75         | 72.21              | 95.975            |                    |         |         |
| 14,400.00       | 6,882.20       | 6,361.02  | 6,322.08       | 214.55          | 29.26  | -50.94            | 486.09                 | 392.38     | 7,028.97        | 6,956.71         | 72.25              | 97.281            |                    |         |         |
| 14,500.00       | 6,881.29       | 6,359.98  | 6,321.04       | 217.35          | 29.26  | -50.90            | 486.09                 | 392.30     | 7,128.01        | 7,055.70         | 72.30              | 98.584            |                    |         |         |
| 14,600.00       | 6,880.37       | 6,358.96  | 6,320.03       | 220.15          | 29.26  | -50.85            | 486.08                 | 392.22     | 7,227.07        | 7,154.72         | 72.35              | 99.885            |                    |         |         |
| 14,700.00       | 6,879.46       | 6,357.96  | 6,319.04       | 222.95          | 29.25  | -50.81            | 486.08                 | 392.14     | 7,326.16        | 7,253.75         | 72.40              | 101.183           |                    |         |         |
| 14,800.00       | 6,878.55       | 6,356.99  | 6,318.07       | 225.76          | 29.25  | -50.76            | 486.07                 | 392.07     | 7,425.27        | 7,352.81         | 72.46              | 102.479           |                    |         |         |
| 14,900.00       | 6,877.64       | 6,315.00  | 6,276.14       | 228.56          | 29.09  | -48.92            | 485.83                 | 389.85     | 7,525.40        | 7,452.95         | 72.45              | 103.869           |                    |         |         |
| 15,000.00       | 6,876.73       | 6,315.00  | 6,276.14       | 231.37          | 29.09  | -48.92            | 485.83                 | 389.85     | 7,624.51        | 7,552.00         | 72.51              | 105.157           |                    |         |         |
| 15,100.00       | 6,875.82       | 6,315.00  | 6,276.14       | 234.18          | 29.09  | -48.92            | 485.83                 | 389.85     | 7,723.64        | 7,651.08         | 72.56              | 106.442           |                    |         |         |
| 15,200.00       | 6,874.90       | 6,315.00  | 6,276.14       | 236.98          | 29.09  | -48.92            | 485.83                 | 389.85     | 7,822.80        | 7,750.18         | 72.62              | 107.725           |                    |         |         |
| 15,300.00       | 6,873.99       | 6,315.00  | 6,276.14       | 239.79          | 29.09  | -48.92            | 485.83                 | 389.85     | 7,921.98        | 7,849.30         | 72.68              | 109.004           |                    |         |         |
| 15,400.00       | 6,873.08       | 6,315.00  | 6,276.14       | 242.60          | 29.09  | -48.92            | 485.83                 | 389.85     | 8,021.17        | 7,948.44         | 72.73              | 110.281           |                    |         |         |
| 15,500.00       | 6,872.17       | 6,315.00  | 6,276.14       | 245.41          | 29.09  | -48.92            | 485.83                 | 389.85     | 8,120.39        | 8,047.60         | 72.79              | 111.555           |                    |         |         |
| 15,600.00       | 6,871.26       | 6,315.00  | 6,276.14       | 248.22          | 29.09  | -48.92            | 485.83                 | 389.85     | 8,219.62        | 8,146.77         | 72.85              | 112.826           |                    |         |         |
| 15,700.00       | 6,870.35       | 6,315.00  | 6,276.14       | 251.03          | 29.09  | -48.92            | 485.83                 | 389.85     | 8,318.88        | 8,245.97         | 72.91              | 114.095           |                    |         |         |
| 15,737.91       | 6,870.00       | 6,315.00  | 6,276.14       | 252.10          | 29.09  | -48.92            | 485.83                 | 389.85     | 8,356.50        | 8,283.57         | 72.94              | 114.575           |                    |         |         |
| 15,738.53       | 6,869.99       | 6,315.00  | 6,276.14       | 252.11          | 29.09  | -48.92            | 485.83                 | 389.85     | 8,357.12        | 8,284.19         | 72.94              | 114.582           |                    |         |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 104.05                | -125.31                           | 500.80     | 516.28               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 99.92               | 99.92               | 3.28            | 3.30        | 104.12                | -125.75                           | 499.83     | 515.45               | 508.86                | 6.59                    | 78.274            |                    |         |
| 200.00                 | 200.00              | 203.78              | 203.75              | 3.34            | 3.38        | 104.30                | -126.90                           | 497.68     | 513.71               | 506.99                | 6.72                    | 76.452            |                    |         |
| 300.00                 | 300.00              | 302.03              | 301.95              | 3.44            | 3.51        | 104.56                | -128.61                           | 495.12     | 511.63               | 504.68                | 6.96                    | 73.554            |                    |         |
| 400.00                 | 399.98              | 393.52              | 393.38              | 3.60            | 3.67        | 74.95                 | -131.24                           | 493.43     | 510.13               | 502.86                | 7.27                    | 70.128            |                    |         |
| 500.00                 | 499.84              | 486.32              | 486.11              | 3.81            | 3.87        | 75.90                 | -134.87                           | 493.14     | 509.55               | 501.87                | 7.68                    | 66.370            |                    |         |
| 550.00                 | 549.68              | 533.67              | 533.41              | 3.93            | 3.99        | 76.53                 | -136.99                           | 493.30     | 509.41               | 501.50                | 7.91                    | 64.413            |                    |         |
| 600.00                 | 599.45              | 581.28              | 580.95              | 4.06            | 4.11        | 75.01                 | -139.62                           | 493.50     | 509.24               | 501.08                | 8.16                    | 62.424            |                    |         |
| 700.00                 | 698.71              | 688.59              | 687.97              | 4.33            | 4.42        | 74.41                 | -147.34                           | 493.03     | 507.90               | 499.16                | 8.74                    | 58.108            |                    |         |
| 800.00                 | 797.49              | 794.76              | 793.55              | 4.64            | 4.78        | 75.79                 | -157.60                           | 488.97     | 503.74               | 494.35                | 9.40                    | 53.602            |                    |         |
| 900.00                 | 895.68              | 883.25              | 881.16              | 4.97            | 5.10        | 77.96                 | -169.07                           | 484.07     | 499.68               | 489.62                | 10.06                   | 49.663            |                    |         |
| 1,000.00               | 993.14              | 970.55              | 967.33              | 5.33            | 5.46        | 80.89                 | -182.28                           | 479.58     | 498.18               | 487.41                | 10.78                   | 46.229            |                    |         |
| 1,000.94               | 994.05              | 971.36              | 968.13              | 5.34            | 5.46        | 80.92                 | -182.41                           | 479.53     | 498.18               | 487.40                | 10.78                   | 46.199 CC         |                    |         |
| 1,039.84               | 1,031.75            | 1,006.09            | 1,002.33            | 5.48            | 5.61        | 82.28                 | -188.18                           | 477.73     | 498.42               | 487.35                | 11.08                   | 44.994 ES         |                    |         |
| 1,100.00               | 1,089.94            | 1,062.63            | 1,057.97            | 5.72            | 5.86        | 84.97                 | -197.72                           | 474.59     | 499.62               | 488.06                | 11.56                   | 43.228            |                    |         |
| 1,200.00               | 1,186.67            | 1,148.86            | 1,142.79            | 6.13            | 6.26        | 89.06                 | -212.51                           | 469.72     | 504.45               | 492.11                | 12.34                   | 40.866            |                    |         |
| 1,300.00               | 1,283.39            | 1,233.41            | 1,225.92            | 6.55            | 6.66        | 92.96                 | -227.47                           | 466.00     | 513.81               | 500.68                | 13.13                   | 39.122            |                    |         |
| 1,400.00               | 1,380.12            | 1,318.16            | 1,309.11            | 6.99            | 7.08        | 96.75                 | -243.37                           | 462.87     | 527.45               | 513.52                | 13.92                   | 37.882            |                    |         |
| 1,500.00               | 1,476.85            | 1,411.62            | 1,400.95            | 7.45            | 7.54        | 100.62                | -260.51                           | 460.64     | 544.45               | 529.69                | 14.75                   | 36.901            |                    |         |
| 1,600.00               | 1,573.57            | 1,521.58            | 1,509.64            | 7.90            | 8.08        | 104.63                | -276.99                           | 458.78     | 561.67               | 546.00                | 15.67                   | 35.844            |                    |         |
| 1,700.00               | 1,670.30            | 1,619.66            | 1,606.83            | 8.37            | 8.55        | 107.97                | -289.93                           | 456.20     | 579.05               | 562.53                | 16.51                   | 35.062            |                    |         |
| 1,800.00               | 1,767.03            | 1,713.69            | 1,700.04            | 8.85            | 9.00        | 110.99                | -302.04                           | 453.56     | 597.90               | 580.56                | 17.34                   | 34.477            |                    |         |
| 1,900.00               | 1,863.75            | 1,804.15            | 1,789.44            | 9.32            | 9.46        | 113.99                | -314.83                           | 448.45     | 618.39               | 600.24                | 18.15                   | 34.074            |                    |         |
| 2,000.00               | 1,960.48            | 1,891.68            | 1,875.98            | 9.81            | 9.90        | 116.63                | -327.39                           | 444.68     | 641.26               | 622.33                | 18.94                   | 33.864            |                    |         |
| 2,100.00               | 2,057.21            | 1,978.43            | 1,961.55            | 10.29           | 10.35       | 119.21                | -340.75                           | 439.70     | 666.15               | 646.44                | 19.71                   | 33.791            |                    |         |
| 2,200.00               | 2,153.93            | 2,057.95            | 2,039.78            | 10.78           | 10.78       | 121.48                | -354.20                           | 435.03     | 693.81               | 673.38                | 20.43                   | 33.957            |                    |         |
| 2,300.00               | 2,250.66            | 2,153.79            | 2,134.13            | 11.28           | 11.30       | 123.90                | -370.48                           | 430.86     | 723.20               | 701.92                | 21.28                   | 33.989            |                    |         |
| 2,400.00               | 2,347.39            | 2,232.59            | 2,211.69            | 11.77           | 11.73       | 125.72                | -384.17                           | 428.02     | 754.15               | 732.17                | 21.98                   | 34.316            |                    |         |
| 2,500.00               | 2,444.11            | 2,304.61            | 2,282.29            | 12.27           | 12.14       | 127.31                | -398.08                           | 425.29     | 787.79               | 765.18                | 22.61                   | 34.846            |                    |         |
| 2,600.00               | 2,540.84            | 2,392.69            | 2,368.31            | 12.77           | 12.65       | 129.13                | -416.76                           | 422.08     | 823.98               | 800.59                | 23.39                   | 35.233            |                    |         |
| 2,700.00               | 2,637.57            | 2,483.43            | 2,457.15            | 13.27           | 13.18       | 130.76                | -435.12                           | 420.08     | 860.18               | 835.98                | 24.20                   | 35.550            |                    |         |
| 2,800.00               | 2,734.30            | 2,572.09            | 2,543.76            | 13.78           | 13.71       | 132.33                | -453.73                           | 416.59     | 897.51               | 872.52                | 24.99                   | 35.916            |                    |         |
| 2,900.00               | 2,831.02            | 2,657.72            | 2,627.24            | 14.28           | 14.23       | 133.93                | -471.70                           | 410.21     | 935.30               | 909.55                | 25.75                   | 36.317            |                    |         |
| 3,000.00               | 2,927.75            | 2,746.55            | 2,713.63            | 14.79           | 14.77       | 135.48                | -491.23                           | 403.49     | 974.66               | 948.10                | 26.56                   | 36.701            |                    |         |
| 3,100.00               | 3,024.48            | 2,869.41            | 2,833.74            | 15.29           | 15.50       | 137.45                | -515.28                           | 394.04     | 1,012.36             | 984.66                | 27.70                   | 36.550            |                    |         |
| 3,200.00               | 3,121.20            | 2,972.54            | 2,935.12            | 15.80           | 16.09       | 138.86                | -533.24                           | 388.03     | 1,048.62             | 1,019.99              | 28.64                   | 36.618            |                    |         |
| 3,300.00               | 3,217.93            | 3,082.94            | 3,043.92            | 16.31           | 16.71       | 140.19                | -551.18                           | 382.87     | 1,084.22             | 1,054.59              | 29.64                   | 36.583            |                    |         |
| 3,400.00               | 3,314.66            | 3,204.33            | 3,164.09            | 16.82           | 17.34       | 141.42                | -567.95                           | 379.41     | 1,117.72             | 1,087.00              | 30.72                   | 36.383            |                    |         |
| 3,500.00               | 3,411.38            | 3,282.78            | 3,241.80            | 17.33           | 17.75       | 142.20                | -578.38                           | 376.76     | 1,151.10             | 1,119.66              | 31.44                   | 36.612            |                    |         |
| 3,600.00               | 3,508.11            | 3,352.59            | 3,310.76            | 17.84           | 18.13       | 142.90                | -588.67                           | 373.35     | 1,186.19             | 1,154.10              | 32.08                   | 36.975            |                    |         |
| 3,700.00               | 3,604.84            | 3,433.63            | 3,390.59            | 18.36           | 18.58       | 143.70                | -601.89                           | 368.98     | 1,223.01             | 1,190.19              | 32.82                   | 37.265            |                    |         |
| 3,800.00               | 3,701.56            | 3,530.36            | 3,485.91            | 18.87           | 19.12       | 144.55                | -617.86                           | 364.81     | 1,260.19             | 1,226.48              | 33.71                   | 37.383            |                    |         |
| 3,900.00               | 3,798.29            | 3,629.07            | 3,583.28            | 19.38           | 19.66       | 145.36                | -633.51                           | 360.68     | 1,296.95             | 1,262.33              | 34.62                   | 37.462            |                    |         |
| 4,000.00               | 3,895.02            | 3,708.76            | 3,661.86            | 19.89           | 20.11       | 146.03                | -645.99                           | 356.37     | 1,333.91             | 1,298.56              | 35.35                   | 37.733            |                    |         |
| 4,100.00               | 3,991.74            | 3,780.21            | 3,732.15            | 20.41           | 20.51       | 146.59                | -658.26                           | 352.50     | 1,372.40             | 1,336.40              | 36.00                   | 38.120            |                    |         |
| 4,200.00               | 4,088.47            | 3,858.73            | 3,809.23            | 20.92           | 20.97       | 147.18                | -672.56                           | 348.19     | 1,412.06             | 1,375.34              | 36.72                   | 38.453            |                    |         |
| 4,300.00               | 4,185.20            | 3,938.09            | 3,887.02            | 21.44           | 21.44       | 147.75                | -687.66                           | 343.82     | 1,452.61             | 1,415.15              | 37.45                   | 38.787            |                    |         |
| 4,400.00               | 4,281.92            | 4,032.60            | 3,979.60            | 21.95           | 22.01       | 148.38                | -705.96                           | 338.80     | 1,493.59             | 1,455.25              | 38.34                   | 38.956            |                    |         |
| 4,500.00               | 4,378.65            | 4,116.44            | 4,061.75            | 22.47           | 22.51       | 148.90                | -722.12                           | 334.39     | 1,534.61             | 1,495.49              | 39.12                   | 39.228            |                    |         |
| 4,600.00               | 4,475.38            | 4,224.47            | 4,167.62            | 22.99           | 23.15       | 149.54                | -742.89                           | 328.76     | 1,575.73             | 1,535.58              | 40.15                   | 39.245            |                    |         |
| 4,700.00               | 4,572.10            | 4,287.58            | 4,229.49            | 23.50           | 23.54       | 149.90                | -754.90                           | 325.59     | 1,616.80             | 1,576.08              | 40.72                   | 39.706            |                    |         |
| 4,800.00               | 4,668.83            | 4,359.25            | 4,299.43            | 24.02           | 23.97       | 150.31                | -769.90                           | 321.05     | 1,659.75             | 1,618.38              | 41.37                   | 40.119            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00               | 4,765.56            | 4,462.80            | 4,400.66            | 24.53           | 24.61       | 150.86                | -790.81                           | 314.96     | 1,702.09             | 1,659.72              | 42.37                   | 40.172            |                    |         |
| 5,000.00               | 4,862.28            | 4,551.02            | 4,486.79            | 25.05           | 25.15       | 151.33                | -808.94                           | 308.98     | 1,745.09             | 1,701.88              | 43.20                   | 40.392            |                    |         |
| 5,100.00               | 4,959.01            | 4,644.27            | 4,597.77            | 25.57           | 25.84       | 151.91                | -830.28                           | 301.82     | 1,786.41             | 1,742.11              | 44.30                   | 40.326            |                    |         |
| 5,200.00               | 5,055.74            | 4,802.49            | 4,733.32            | 26.09           | 26.66       | 152.61                | -855.48                           | 291.99     | 1,828.03             | 1,782.40              | 45.63                   | 40.061            |                    |         |
| 5,300.00               | 5,152.46            | 4,858.76            | 4,788.64            | 26.60           | 26.99       | 152.88                | -864.95                           | 288.09     | 1,868.09             | 1,821.95              | 46.15                   | 40.482            |                    |         |
| 5,400.00               | 5,249.19            | 4,924.59            | 4,853.12            | 27.12           | 27.38       | 153.17                | -877.57                           | 283.92     | 1,910.03             | 1,863.28              | 46.75                   | 40.856            |                    |         |
| 5,500.00               | 5,345.92            | 5,047.50            | 4,973.69            | 27.64           | 28.11       | 153.65                | -900.44                           | 277.19     | 1,951.39             | 1,903.44              | 47.94                   | 40.702            |                    |         |
| 5,600.00               | 5,442.65            | 5,142.93            | 5,067.48            | 28.16           | 28.67       | 153.99                | -917.54                           | 272.81     | 1,992.01             | 1,943.16              | 48.85                   | 40.777            |                    |         |
| 5,700.00               | 5,539.37            | 5,233.81            | 5,156.79            | 28.68           | 29.20       | 154.30                | -933.87                           | 268.72     | 2,032.72             | 1,983.01              | 49.72                   | 40.887            |                    |         |
| 5,800.00               | 5,636.10            | 5,320.90            | 5,242.38            | 29.20           | 29.71       | 154.58                | -949.50                           | 264.87     | 2,073.44             | 2,022.90              | 50.54                   | 41.023            |                    |         |
| 5,900.00               | 5,732.83            | 5,416.56            | 5,336.32            | 29.71           | 30.27       | 154.86                | -967.11                           | 261.05     | 2,114.52             | 2,063.06              | 51.46                   | 41.093            |                    |         |
| 6,000.00               | 5,829.55            | 5,746.55            | 5,663.11            | 30.23           | 31.97       | 155.66                | -1,011.20                         | 255.94     | 2,151.34             | 2,097.00              | 54.34                   | 39.594            |                    |         |
| 6,100.00               | 5,926.28            | 5,976.43            | 5,892.77            | 30.75           | 32.88       | 156.36                | -1,019.36                         | 251.99     | 2,177.88             | 2,121.87              | 56.01                   | 38.881            |                    |         |
| 6,200.00               | 6,023.01            | 6,078.04            | 5,994.34            | 31.27           | 33.24       | 156.70                | -1,019.58                         | 249.38     | 2,202.19             | 2,145.29              | 56.90                   | 38.703            |                    |         |
| 6,300.00               | 6,119.73            | 6,185.54            | 6,101.81            | 31.79           | 33.61       | 157.05                | -1,019.95                         | 246.65     | 2,226.73             | 2,168.91              | 57.81                   | 38.516            |                    |         |
| 6,397.75               | 6,214.28            | 6,301.86            | 6,218.11            | 32.30           | 33.99       | 157.41                | -1,019.11                         | 244.87     | 2,249.43             | 2,190.68              | 58.75                   | 38.290            |                    |         |
| 6,400.00               | 6,216.46            | 6,304.11            | 6,220.36            | 32.31           | 34.00       | 158.05                | -1,019.10                         | 244.87     | 2,249.95             | 2,191.18              | 58.77                   | 38.286            |                    |         |
| 6,450.00               | 6,265.12            | 6,373.65            | 6,289.89            | 32.56           | 34.21       | 175.14                | -1,018.67                         | 245.39     | 2,260.69             | 2,201.41              | 59.28                   | 38.138            |                    |         |
| 6,500.00               | 6,314.12            | 6,454.12            | 6,370.35            | 32.78           | 34.46       | -162.69               | -1,016.97                         | 245.76     | 2,269.44             | 2,209.63              | 59.81                   | 37.943            |                    |         |
| 6,550.00               | 6,363.16            | 6,500.00            | 6,492.72            | 32.99           | 34.73       | -140.27               | -1,012.72                         | 250.85     | 2,275.58             | 2,215.21              | 60.37                   | 37.695            |                    |         |
| 6,600.00               | 6,411.94            | 6,666.59            | 6,582.03            | 33.18           | 35.04       | -122.96               | -1,008.61                         | 259.52     | 2,279.06             | 2,218.09              | 60.97                   | 37.379            |                    |         |
| 6,650.00               | 6,460.15            | 6,704.07            | 6,619.05            | 33.35           | 35.14       | -111.15               | -1,007.41                         | 265.26     | 2,281.25             | 2,219.92              | 61.33                   | 37.197            |                    |         |
| 6,700.00               | 6,507.49            | 6,771.43            | 6,684.61            | 33.52           | 35.32       | -103.92               | -1,006.55                         | 280.47     | 2,282.20             | 2,220.43              | 61.77                   | 36.948            |                    |         |
| 6,750.00               | 6,553.69            | 6,815.95            | 6,726.66            | 33.69           | 35.43       | -99.18                | -1,006.97                         | 295.03     | 2,281.86             | 2,219.71              | 62.15                   | 36.714            |                    |         |
| 6,800.00               | 6,598.44            | 6,840.22            | 6,749.15            | 33.85           | 35.49       | -95.80                | -1,007.59                         | 304.13     | 2,280.90             | 2,218.42              | 62.48                   | 36.504            |                    |         |
| 6,850.00               | 6,641.47            | 6,880.73            | 6,767.93            | 34.02           | 35.55       | -93.45                | -1,008.34                         | 312.35     | 2,279.52             | 2,216.72              | 62.80                   | 36.295            |                    |         |
| 6,900.00               | 6,682.53            | 6,877.64            | 6,783.24            | 34.19           | 35.59       | -91.78                | -1,009.13                         | 319.49     | 2,277.84             | 2,214.72              | 63.12                   | 36.087            |                    |         |
| 6,950.00               | 6,721.35            | 7,179.31            | 7,023.87            | 34.38           | 36.14       | -97.59                | -1,016.85                         | 496.31     | 2,275.12             | 2,210.64              | 64.47                   | 35.288            |                    |         |
| 7,000.00               | 6,757.70            | 7,171.38            | 7,018.99            | 34.57           | 36.13       | -96.33                | -1,016.74                         | 490.06     | 2,272.07             | 2,207.25              | 64.83                   | 35.047            |                    |         |
| 7,050.00               | 6,791.35            | 7,160.51            | 7,012.12            | 34.79           | 36.11       | -95.23                | -1,016.61                         | 481.63     | 2,269.47             | 2,204.30              | 65.18                   | 34.820            |                    |         |
| 7,100.00               | 6,822.10            | 7,147.89            | 7,003.90            | 35.03           | 36.10       | -94.25                | -1,016.48                         | 472.06     | 2,267.29             | 2,201.76              | 65.53                   | 34.600            |                    |         |
| 7,150.00               | 6,849.75            | 7,134.14            | 6,994.64            | 35.30           | 36.08       | -93.39                | -1,016.38                         | 461.90     | 2,265.51             | 2,199.61              | 65.89                   | 34.381            |                    |         |
| 7,200.00               | 6,874.14            | 7,119.63            | 6,984.54            | 35.61           | 36.06       | -92.61                | -1,016.31                         | 451.48     | 2,264.08             | 2,197.81              | 66.28                   | 34.159            |                    |         |
| 7,250.00               | 6,895.11            | 7,104.56            | 6,973.71            | 35.95           | 36.05       | -91.90                | -1,016.28                         | 441.01     | 2,263.00             | 2,196.30              | 66.69                   | 33.931            |                    |         |
| 7,300.00               | 6,912.54            | 7,089.00            | 6,962.15            | 36.34           | 36.03       | -91.26                | -1,016.29                         | 430.58     | 2,262.21             | 2,195.07              | 67.14                   | 33.693            |                    |         |
| 7,350.00               | 6,926.31            | 6,951.50            | 6,848.55            | 36.77           | 35.76       | -87.79                | -1,013.15                         | 353.73     | 2,260.94             | 2,193.97              | 66.97                   | 33.761            |                    |         |
| 7,400.00               | 6,936.35            | 6,904.85            | 6,807.52            | 37.25           | 35.66       | -86.59                | -1,010.69                         | 331.65     | 2,259.58             | 2,192.29              | 67.28                   | 33.582            |                    |         |
| 7,450.00               | 6,942.59            | 6,899.00            | 6,802.34            | 37.76           | 35.64       | -86.47                | -1,010.33                         | 328.98     | 2,258.14             | 2,190.25              | 67.90                   | 33.258            |                    |         |
| 7,500.00               | 6,944.99            | 6,899.00            | 6,802.34            | 38.31           | 35.64       | -86.54                | -1,010.33                         | 328.98     | 2,256.83             | 2,188.24              | 68.59                   | 32.905            |                    |         |
| 7,512.10               | 6,945.00            | 6,899.00            | 6,802.34            | 38.44           | 35.64       | -86.57                | -1,010.33                         | 328.98     | 2,256.52             | 2,187.77              | 68.76                   | 32.818            |                    |         |
| 7,581.51               | 6,944.36            | 6,867.97            | 6,774.50            | 39.29           | 35.56       | -85.86                | -1,008.66                         | 315.37     | 2,255.38             | 2,185.78              | 69.60                   | 32.404            |                    |         |
| 7,600.00               | 6,944.19            | 6,864.65            | 6,771.49            | 39.51           | 35.56       | -85.78                | -1,008.51                         | 313.98     | 2,255.46             | 2,185.60              | 69.86                   | 32.287            |                    |         |
| 7,700.00               | 6,943.28            | 6,847.66            | 6,755.99            | 40.90           | 35.51       | -85.39                | -1,007.84                         | 307.06     | 2,258.28             | 2,186.89              | 71.39                   | 31.634            |                    |         |
| 7,800.00               | 6,942.37            | 6,832.14            | 6,741.70            | 42.44           | 35.47       | -85.03                | -1,007.35                         | 301.03     | 2,265.22             | 2,192.18              | 73.04                   | 31.012            |                    |         |
| 7,900.00               | 6,941.46            | 6,803.00            | 6,714.55            | 44.11           | 35.40       | -84.34                | -1,006.76                         | 290.47     | 2,276.43             | 2,201.74              | 74.69                   | 30.478            |                    |         |
| 8,000.00               | 6,940.55            | 6,803.00            | 6,714.55            | 45.90           | 35.40       | -84.34                | -1,006.76                         | 290.47     | 2,291.46             | 2,214.88              | 76.59                   | 29.920            |                    |         |
| 8,100.00               | 6,939.64            | 6,803.00            | 6,714.55            | 47.80           | 35.40       | -84.34                | -1,006.76                         | 290.47     | 2,310.73             | 2,232.23              | 78.50                   | 29.436            |                    |         |
| 8,200.00               | 6,938.72            | 6,803.00            | 6,714.55            | 49.79           | 35.40       | -84.34                | -1,006.76                         | 290.47     | 2,334.13             | 2,253.72              | 80.41                   | 29.028            |                    |         |
| 8,300.00               | 6,937.81            | 6,803.00            | 6,714.55            | 51.86           | 35.40       | -84.34                | -1,006.76                         | 290.47     | 2,361.53             | 2,279.24              | 82.29                   | 28.698            |                    |         |
| 8,400.00               | 6,936.90            | 6,765.42            | 6,678.84            | 54.01           | 35.30       | -83.44                | -1,006.56                         | 278.77     | 2,391.73             | 2,307.82              | 83.91                   | 28.503            |                    |         |
| 8,500.00               | 6,935.99            | 6,757.90            | 6,671.60            | 56.21           | 35.28       | -83.26                | -1,006.58                         | 276.74     | 2,426.20             | 2,340.54              | 85.66                   | 28.325            |                    |         |
| 8,600.00               | 6,935.08            | 6,751.07            | 6,665.00            | 58.47           | 35.27       | -83.09                | -1,006.63                         | 274.99     | 2,464.17             | 2,376.82              | 87.34                   | 28.213            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,700.00               | 6,934.17            | 6,744.83            | 6,658.96            | 60.78           | 35.25       | -82.94                | -1,006.68                         | 273.46     | 2,505.48             | 2,416.53              | 88.95                   | 28.166            | SF                 |         |
| 8,800.00               | 6,933.25            | 6,708.00            | 6,622.92            | 63.13           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 2,550.82             | 2,460.50              | 90.32                   | 28.243            |                    |         |
| 8,900.00               | 6,932.34            | 6,708.00            | 6,622.92            | 65.52           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 2,598.13             | 2,506.32              | 91.80                   | 28.301            |                    |         |
| 9,000.00               | 6,931.43            | 6,708.00            | 6,622.92            | 67.95           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 2,648.37             | 2,555.17              | 93.20                   | 28.415            |                    |         |
| 9,100.00               | 6,930.52            | 6,708.00            | 6,622.92            | 70.40           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 2,701.38             | 2,606.87              | 94.51                   | 28.583            |                    |         |
| 9,200.00               | 6,929.61            | 6,708.00            | 6,622.92            | 72.89           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 2,757.00             | 2,661.27              | 95.73                   | 28.799            |                    |         |
| 9,300.00               | 6,928.69            | 6,708.00            | 6,622.92            | 75.40           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 2,815.08             | 2,718.21              | 96.87                   | 29.061            |                    |         |
| 9,400.00               | 6,927.78            | 6,708.00            | 6,622.92            | 77.93           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 2,875.46             | 2,777.53              | 97.92                   | 29.364            |                    |         |
| 9,500.00               | 6,926.87            | 6,708.00            | 6,622.92            | 80.48           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 2,938.00             | 2,839.10              | 98.90                   | 29.706            |                    |         |
| 9,600.00               | 6,925.96            | 6,708.00            | 6,622.92            | 83.05           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 3,002.57             | 2,902.77              | 99.81                   | 30.084            |                    |         |
| 9,700.00               | 6,925.05            | 6,708.00            | 6,622.92            | 85.64           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 3,069.05             | 2,968.40              | 100.64                  | 30.494            |                    |         |
| 9,800.00               | 6,924.14            | 6,708.00            | 6,622.92            | 88.25           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 3,137.30             | 3,035.89              | 101.41                  | 30.936            |                    |         |
| 9,900.00               | 6,923.22            | 6,708.00            | 6,622.92            | 90.86           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 3,207.22             | 3,105.09              | 102.13                  | 31.405            |                    |         |
| 10,000.00              | 6,922.31            | 6,708.00            | 6,622.92            | 93.50           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 3,278.70             | 3,175.92              | 102.78                  | 31.900            |                    |         |
| 10,100.00              | 6,921.40            | 6,708.00            | 6,622.92            | 96.14           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 3,351.63             | 3,248.25              | 103.38                  | 32.419            |                    |         |
| 10,200.00              | 6,920.49            | 6,708.00            | 6,622.92            | 98.79           | 35.15       | -82.04                | -1,007.31                         | 265.92     | 3,425.94             | 3,322.00              | 103.94                  | 32.961            |                    |         |
| 10,300.00              | 6,919.58            | 6,673.08            | 6,588.45            | 101.45          | 35.06       | -81.18                | -1,008.37                         | 260.44     | 3,500.84             | 3,396.49              | 104.36                  | 33.547            |                    |         |
| 10,400.00              | 6,918.67            | 6,669.17            | 6,584.58            | 104.13          | 35.05       | -81.09                | -1,008.51                         | 259.88     | 3,577.47             | 3,472.65              | 104.82                  | 34.129            |                    |         |
| 10,500.00              | 6,917.75            | 6,665.40            | 6,580.85            | 106.81          | 35.04       | -81.00                | -1,008.66                         | 259.36     | 3,655.21             | 3,549.96              | 105.25                  | 34.729            |                    |         |
| 10,600.00              | 6,916.84            | 6,661.77            | 6,577.25            | 109.50          | 35.03       | -80.91                | -1,008.80                         | 258.86     | 3,733.99             | 3,628.35              | 105.64                  | 35.345            |                    |         |
| 10,700.00              | 6,915.93            | 6,658.27            | 6,573.79            | 112.19          | 35.02       | -80.82                | -1,008.94                         | 258.40     | 3,813.75             | 3,707.75              | 106.01                  | 35.976            |                    |         |
| 10,800.00              | 6,915.02            | 6,654.89            | 6,570.44            | 114.90          | 35.01       | -80.74                | -1,009.09                         | 257.95     | 3,894.44             | 3,788.09              | 106.34                  | 36.621            |                    |         |
| 10,900.00              | 6,914.11            | 6,651.63            | 6,567.21            | 117.61          | 35.01       | -80.66                | -1,009.23                         | 257.53     | 3,975.99             | 3,869.34              | 106.65                  | 37.279            |                    |         |
| 11,000.00              | 6,913.20            | 6,648.48            | 6,564.09            | 120.32          | 35.00       | -80.58                | -1,009.37                         | 257.14     | 4,058.36             | 3,951.42              | 106.94                  | 37.950            |                    |         |
| 11,100.00              | 6,912.28            | 6,613.00            | 6,528.88            | 123.04          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 4,142.06             | 4,034.92              | 107.14                  | 38.661            |                    |         |
| 11,200.00              | 6,911.37            | 6,613.00            | 6,528.88            | 125.77          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 4,225.81             | 4,118.42              | 107.39                  | 39.350            |                    |         |
| 11,300.00              | 6,910.46            | 6,613.00            | 6,528.88            | 128.50          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 4,310.26             | 4,202.63              | 107.62                  | 40.049            |                    |         |
| 11,400.00              | 6,909.55            | 6,613.00            | 6,528.88            | 131.24          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 4,395.36             | 4,287.52              | 107.84                  | 40.758            |                    |         |
| 11,500.00              | 6,908.64            | 6,613.00            | 6,528.88            | 133.98          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 4,481.07             | 4,373.03              | 108.04                  | 41.476            |                    |         |
| 11,600.00              | 6,907.73            | 6,613.00            | 6,528.88            | 136.72          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 4,567.37             | 4,459.14              | 108.23                  | 42.202            |                    |         |
| 11,700.00              | 6,906.81            | 6,613.00            | 6,528.88            | 139.47          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 4,654.21             | 4,545.82              | 108.40                  | 42.937            |                    |         |
| 11,800.00              | 6,905.90            | 6,613.00            | 6,528.88            | 142.22          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 4,741.58             | 4,633.02              | 108.56                  | 43.679            |                    |         |
| 11,900.00              | 6,904.99            | 6,613.00            | 6,528.88            | 144.97          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 4,829.43             | 4,720.73              | 108.70                  | 44.427            |                    |         |
| 12,000.00              | 6,904.08            | 6,613.00            | 6,528.88            | 147.73          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 4,917.75             | 4,808.91              | 108.84                  | 45.183            |                    |         |
| 12,100.00              | 6,903.17            | 6,613.00            | 6,528.88            | 150.49          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 5,006.50             | 4,897.54              | 108.97                  | 45.945            |                    |         |
| 12,200.00              | 6,902.26            | 6,613.00            | 6,528.88            | 153.26          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 5,095.68             | 4,986.59              | 109.09                  | 46.712            |                    |         |
| 12,300.00              | 6,901.34            | 6,613.00            | 6,528.88            | 156.02          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 5,185.25             | 5,076.05              | 109.20                  | 47.485            |                    |         |
| 12,400.00              | 6,900.43            | 6,613.00            | 6,528.88            | 158.79          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 5,275.19             | 5,165.89              | 109.30                  | 48.264            |                    |         |
| 12,500.00              | 6,899.52            | 6,613.00            | 6,528.88            | 161.56          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 5,365.49             | 5,256.09              | 109.40                  | 49.047            |                    |         |
| 12,600.00              | 6,898.61            | 6,613.00            | 6,528.88            | 164.34          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 5,456.13             | 5,346.64              | 109.49                  | 49.834            |                    |         |
| 12,700.00              | 6,897.70            | 6,613.00            | 6,528.88            | 167.11          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 5,547.08             | 5,437.52              | 109.57                  | 50.626            |                    |         |
| 12,800.00              | 6,896.79            | 6,613.00            | 6,528.88            | 169.89          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 5,638.35             | 5,528.70              | 109.65                  | 51.422            |                    |         |
| 12,900.00              | 6,895.87            | 6,613.00            | 6,528.88            | 172.67          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 5,729.91             | 5,620.18              | 109.72                  | 52.222            |                    |         |
| 13,000.00              | 6,894.96            | 6,613.00            | 6,528.88            | 175.45          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 5,821.74             | 5,711.95              | 109.79                  | 53.025            |                    |         |
| 13,100.00              | 6,894.05            | 6,613.00            | 6,528.88            | 178.23          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 5,913.84             | 5,803.98              | 109.86                  | 53.832            |                    |         |
| 13,200.00              | 6,893.14            | 6,613.00            | 6,528.88            | 181.02          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 6,006.19             | 5,896.27              | 109.92                  | 54.642            |                    |         |
| 13,300.00              | 6,892.23            | 6,613.00            | 6,528.88            | 183.80          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 6,098.79             | 5,988.81              | 109.98                  | 55.455            |                    |         |
| 13,400.00              | 6,891.31            | 6,613.00            | 6,528.88            | 186.59          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 6,191.61             | 6,081.58              | 110.03                  | 56.270            |                    |         |
| 13,500.00              | 6,890.40            | 6,613.00            | 6,528.88            | 189.38          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 6,284.66             | 6,174.57              | 110.09                  | 57.089            |                    |         |
| 13,600.00              | 6,889.49            | 6,613.00            | 6,528.88            | 192.17          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 6,377.91             | 6,267.78              | 110.14                  | 57.910            |                    |         |
| 13,700.00              | 6,888.58            | 6,613.00            | 6,528.88            | 194.97          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 6,471.37             | 6,361.18              | 110.18                  | 58.733            |                    |         |
| 13,800.00              | 6,887.67            | 6,613.00            | 6,528.88            | 197.76          | 34.90       | -79.72                | -1,011.17                         | 253.18     | 6,565.02             | 6,454.79              | 110.23                  | 59.558            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                |                |                |                 |        |                   |                        |            |                 |                  |                    | Boomerang 21-5 - SRC Wiedeman #22-5-4CHZ - OH - OH |  | Offset Site Error: |  | 0.00 ft |
|------------------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|--------------------|--|--|--------------------|--|---------|
| Survey Program: 39-MWD |                |                |                |                 |        |                   |                        |            |                 |                  |                    |  |  | Offset Well Error: |  | 3.28 ft |
| Reference              |                | Offset         |                | Semi Major Axis |        |                   | Distance               |            |                 |                  |                    |  |  | Warning            |  |         |
| Measured Depth         | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |            | Between Centres | Between Ellipses | Minimum Separation | Separation Factor                                  |  |                    |  |         |
| (ft)                   | (ft)           | (ft)           | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft) | (ft)            | (ft)             | (ft)               |  |  |                    |  |         |
| 13,900.00              | 6,886.76       | 6,613.00       | 6,528.88       | 200.56          | 34.90  | -79.72            | -1,011.17              | 253.18     | 6,658.85        | 6,548.58         | 110.27             | 60.385   |  |                    |  |         |
| 14,000.00              | 6,885.84       | 6,613.00       | 6,528.88       | 203.35          | 34.90  | -79.72            | -1,011.17              | 253.18     | 6,752.86        | 6,642.55         | 110.31             | 61.215   |  |                    |  |         |
| 14,100.00              | 6,884.93       | 6,613.00       | 6,528.88       | 206.15          | 34.90  | -79.72            | -1,011.17              | 253.18     | 6,847.04        | 6,736.69         | 110.35             | 62.046   |  |                    |  |         |
| 14,200.00              | 6,884.02       | 6,575.25       | 6,491.32       | 208.95          | 34.80  | -78.81            | -1,013.11              | 249.99     | 6,940.86        | 6,830.49         | 110.36             | 62.891   |  |                    |  |         |
| 14,300.00              | 6,883.11       | 6,573.68       | 6,489.75       | 211.75          | 34.80  | -78.77            | -1,013.18              | 249.88     | 7,035.31        | 6,924.91         | 110.40             | 63.726   |  |                    |  |         |
| 14,400.00              | 6,882.20       | 6,572.15       | 6,488.22       | 214.55          | 34.79  | -78.73            | -1,013.25              | 249.78     | 7,129.91        | 7,019.48         | 110.43             | 64.562   |  |                    |  |         |
| 14,500.00              | 6,881.29       | 6,570.66       | 6,486.74       | 217.35          | 34.79  | -78.69            | -1,013.31              | 249.67     | 7,224.66        | 7,114.19         | 110.47             | 65.400   |  |                    |  |         |
| 14,600.00              | 6,880.37       | 6,569.21       | 6,485.29       | 220.15          | 34.78  | -78.66            | -1,013.38              | 249.58     | 7,319.55        | 7,209.04         | 110.50             | 66.239   |  |                    |  |         |
| 14,700.00              | 6,879.46       | 6,567.79       | 6,483.88       | 222.95          | 34.78  | -78.63            | -1,013.44              | 249.48     | 7,414.56        | 7,304.03         | 110.54             | 67.079   |  |                    |  |         |
| 14,800.00              | 6,878.55       | 6,566.42       | 6,482.51       | 225.76          | 34.78  | -78.59            | -1,013.50              | 249.39     | 7,509.71        | 7,399.14         | 110.57             | 67.920   |  |                    |  |         |
| 14,900.00              | 6,877.64       | 6,565.07       | 6,481.17       | 228.56          | 34.77  | -78.56            | -1,013.56              | 249.31     | 7,604.98        | 7,494.38         | 110.60             | 68.762   |  |                    |  |         |
| 15,000.00              | 6,876.73       | 6,563.77       | 6,479.87       | 231.37          | 34.77  | -78.53            | -1,013.61              | 249.22     | 7,700.37        | 7,589.74         | 110.63             | 69.605   |  |                    |  |         |
| 15,100.00              | 6,875.82       | 6,562.49       | 6,478.60       | 234.18          | 34.77  | -78.50            | -1,013.67              | 249.14     | 7,795.87        | 7,685.21         | 110.66             | 70.449   |  |                    |  |         |
| 15,200.00              | 6,874.90       | 6,561.25       | 6,477.36       | 236.98          | 34.76  | -78.47            | -1,013.72              | 249.07     | 7,891.48        | 7,780.79         | 110.69             | 71.293   |  |                    |  |         |
| 15,300.00              | 6,873.99       | 6,560.03       | 6,476.14       | 239.79          | 34.76  | -78.44            | -1,013.77              | 248.99     | 7,987.20        | 7,876.48         | 110.72             | 72.139   |  |                    |  |         |
| 15,400.00              | 6,873.08       | 6,558.85       | 6,474.96       | 242.60          | 34.76  | -78.41            | -1,013.82              | 248.92     | 8,083.03        | 7,972.28         | 110.75             | 72.985   |  |                    |  |         |
| 15,500.00              | 6,872.17       | 6,557.69       | 6,473.81       | 245.41          | 34.75  | -78.38            | -1,013.86              | 248.85     | 8,178.95        | 8,068.17         | 110.78             | 73.832   |  |                    |  |         |
| 15,600.00              | 6,871.26       | 6,556.56       | 6,472.68       | 248.22          | 34.75  | -78.35            | -1,013.91              | 248.79     | 8,274.96        | 8,164.16         | 110.81             | 74.679   |  |                    |  |         |
| 15,700.00              | 6,870.35       | 6,518.00       | 6,434.18       | 251.03          | 34.64  | -77.43            | -1,015.24              | 247.08     | 8,371.59        | 8,260.80         | 110.79             | 75.562   |  |                    |  |         |
| 15,737.91              | 6,870.00       | 6,518.00       | 6,434.18       | 252.10          | 34.64  | -77.43            | -1,015.24              | 247.08     | 8,408.04        | 8,297.23         | 110.80             | 75.884   |  |                    |  |         |
| 15,738.53              | 6,869.99       | 6,518.00       | 6,434.18       | 252.11          | 34.64  | -77.43            | -1,015.24              | 247.08     | 8,408.63        | 8,297.83         | 110.80             | 75.889   |  |                    |  |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | 97.37                 | -65.56                            | 506.64     | 510.91               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 96.76               | 96.76               | 3.28            | 3.30        | 97.40                 | -65.73                            | 505.91     | 510.17               | 503.59                | 6.58                    | 77.504            |                    |         |
| 200.00                 | 200.00              | 196.85              | 196.84              | 3.34            | 3.37        | 97.46                 | -66.19                            | 505.19     | 509.52               | 502.81                | 6.71                    | 75.957            |                    |         |
| 300.00                 | 300.00              | 299.85              | 299.83              | 3.44            | 3.50        | 97.50                 | -66.36                            | 504.12     | 508.52               | 501.57                | 6.95                    | 73.185            |                    |         |
| 400.00                 | 399.98              | 405.56              | 405.53              | 3.60            | 3.69        | 67.63                 | -66.38                            | 502.13     | 505.98               | 498.68                | 7.30                    | 69.340            |                    |         |
| 500.00                 | 499.84              | 501.16              | 501.10              | 3.81            | 3.90        | 68.24                 | -66.17                            | 500.05     | 501.83               | 494.13                | 7.71                    | 65.120            |                    |         |
| 550.00                 | 549.68              | 548.31              | 548.25              | 3.93            | 4.02        | 68.70                 | -66.28                            | 499.37     | 499.70               | 491.76                | 7.94                    | 62.963            |                    |         |
| 600.00                 | 599.45              | 595.41              | 595.35              | 4.06            | 4.14        | 66.96                 | -66.51                            | 498.93     | 497.46               | 489.27                | 8.18                    | 60.794            |                    |         |
| 700.00                 | 698.71              | 694.02              | 693.94              | 4.33            | 4.41        | 65.59                 | -67.67                            | 498.26     | 492.04               | 483.31                | 8.73                    | 56.356            |                    |         |
| 800.00                 | 797.49              | 796.75              | 796.63              | 4.64            | 4.73        | 66.00                 | -70.03                            | 496.89     | 484.73               | 475.38                | 9.35                    | 51.854            |                    |         |
| 900.00                 | 895.68              | 889.63              | 889.49              | 4.97            | 5.03        | 67.17                 | -71.89                            | 495.78     | 476.37               | 466.39                | 9.98                    | 47.728            |                    |         |
| 1,000.00               | 993.14              | 983.25              | 983.10              | 5.33            | 5.33        | 68.95                 | -72.70                            | 495.79     | 468.08               | 457.44                | 10.65                   | 43.957            |                    |         |
| 1,039.84               | 1,031.75            | 1,021.06            | 1,020.91            | 5.48            | 5.46        | 69.82                 | -72.82                            | 496.05     | 464.82               | 453.90                | 10.92                   | 42.554            |                    |         |
| 1,100.00               | 1,089.94            | 1,078.19            | 1,078.04            | 5.72            | 5.64        | 71.50                 | -72.82                            | 496.62     | 460.20               | 448.86                | 11.35                   | 40.558            |                    |         |
| 1,200.00               | 1,186.67            | 1,171.94            | 1,171.78            | 6.13            | 5.96        | 74.29                 | -72.76                            | 498.06     | 453.95               | 441.88                | 12.07                   | 37.602            |                    |         |
| 1,300.00               | 1,283.39            | 1,272.14            | 1,271.96            | 6.55            | 6.31        | 77.30                 | -72.49                            | 499.76     | 448.98               | 436.13                | 12.85                   | 34.945            |                    |         |
| 1,400.00               | 1,380.12            | 1,371.87            | 1,371.68            | 6.99            | 6.67        | 80.32                 | -71.57                            | 500.95     | 444.54               | 430.89                | 13.65                   | 32.576            |                    |         |
| 1,500.00               | 1,476.85            | 1,472.46            | 1,472.27            | 7.45            | 7.04        | 83.41                 | -70.27                            | 501.63     | 440.75               | 426.28                | 14.47                   | 30.463            |                    |         |
| 1,600.00               | 1,573.57            | 1,570.13            | 1,569.92            | 7.90            | 7.40        | 86.43                 | -68.59                            | 501.92     | 437.68               | 422.38                | 15.30                   | 28.610            |                    |         |
| 1,700.00               | 1,670.30            | 1,668.50            | 1,668.28            | 8.37            | 7.78        | 89.51                 | -66.82                            | 502.11     | 435.79               | 419.64                | 16.15                   | 26.992            |                    |         |
| 1,800.00               | 1,767.03            | 1,766.70            | 1,766.46            | 8.85            | 8.16        | 92.62                 | -64.95                            | 502.00     | 434.91               | 417.91                | 17.00                   | 25.578            |                    |         |
| 1,822.83               | 1,789.11            | 1,788.75            | 1,788.50            | 8.95            | 8.25        | 93.32                 | -64.53                            | 501.94     | 434.88               | 417.68                | 17.20                   | 25.284            |                    |         |
| 1,900.00               | 1,863.75            | 1,863.04            | 1,862.78            | 9.32            | 8.54        | 95.68                 | -63.11                            | 501.83     | 435.33               | 417.46                | 17.86                   | 24.369            |                    |         |
| 2,000.00               | 1,960.48            | 1,963.98            | 1,963.69            | 9.81            | 8.94        | 98.85                 | -60.93                            | 501.57     | 436.83               | 418.08                | 18.75                   | 23.299            |                    |         |
| 2,100.00               | 2,057.21            | 2,089.28            | 2,088.74            | 10.29           | 9.45        | 102.78                | -54.31                            | 497.83     | 435.50               | 415.79                | 19.71                   | 22.097            |                    |         |
| 2,200.00               | 2,153.93            | 2,193.06            | 2,191.97            | 10.78           | 9.87        | 106.41                | -47.10                            | 489.98     | 431.67               | 411.06                | 20.60                   | 20.950            |                    |         |
| 2,300.00               | 2,250.66            | 2,285.00            | 2,283.28            | 11.28           | 10.26       | 110.08                | -42.44                            | 480.37     | 429.57               | 408.08                | 21.48                   | 19.994            |                    |         |
| 2,315.48               | 2,265.64            | 2,298.87            | 2,297.06            | 11.35           | 10.32       | 110.64                | -41.84                            | 478.92     | 429.53               | 407.91                | 21.62                   | 19.867 CC, ES     |                    |         |
| 2,400.00               | 2,347.39            | 2,376.25            | 2,374.00            | 11.77           | 10.64       | 113.74                | -38.77                            | 471.27     | 430.66               | 408.30                | 22.36                   | 19.261            |                    |         |
| 2,500.00               | 2,444.11            | 2,469.92            | 2,467.23            | 12.27           | 11.05       | 117.35                | -35.06                            | 463.00     | 434.34               | 411.11                | 23.24                   | 18.693            |                    |         |
| 2,600.00               | 2,540.84            | 2,565.12            | 2,562.06            | 12.77           | 11.46       | 120.83                | -31.30                            | 455.53     | 440.28               | 416.16                | 24.11                   | 18.258            |                    |         |
| 2,700.00               | 2,637.57            | 2,660.50            | 2,657.05            | 13.27           | 11.87       | 124.26                | -27.55                            | 447.72     | 447.86               | 422.87                | 24.99                   | 17.921            |                    |         |
| 2,800.00               | 2,734.30            | 2,761.27            | 2,757.38            | 13.78           | 12.31       | 127.80                | -23.76                            | 439.16     | 457.26               | 431.36                | 25.89                   | 17.660            |                    |         |
| 2,900.00               | 2,831.02            | 2,861.04            | 2,856.49            | 14.28           | 12.76       | 131.32                | -18.29                            | 429.08     | 466.34               | 439.55                | 26.79                   | 17.407            |                    |         |
| 3,000.00               | 2,927.75            | 2,960.64            | 2,955.45            | 14.79           | 13.20       | 134.67                | -12.93                            | 419.17     | 477.24               | 449.55                | 27.69                   | 17.235            |                    |         |
| 3,100.00               | 3,024.48            | 3,057.80            | 3,051.96            | 15.29           | 13.64       | 137.70                | -6.20                             | 410.20     | 488.20               | 459.62                | 28.58                   | 17.083            |                    |         |
| 3,200.00               | 3,121.20            | 3,149.28            | 3,142.92            | 15.80           | 14.06       | 140.38                | -0.61                             | 402.21     | 501.29               | 471.86                | 29.43                   | 17.033            |                    |         |
| 3,300.00               | 3,217.93            | 3,248.75            | 3,241.86            | 16.31           | 14.51       | 143.12                | 5.12                              | 393.77     | 515.92               | 485.59                | 30.33                   | 17.010            |                    |         |
| 3,400.00               | 3,314.66            | 3,347.82            | 3,340.44            | 16.82           | 14.96       | 145.58                | 11.89                             | 386.54     | 530.50               | 499.27                | 31.23                   | 16.987 SF         |                    |         |
| 3,500.00               | 3,411.38            | 3,442.85            | 3,435.03            | 17.33           | 15.39       | 147.77                | 18.25                             | 380.08     | 546.05               | 513.94                | 32.10                   | 17.009            |                    |         |
| 3,600.00               | 3,508.11            | 3,537.72            | 3,529.50            | 17.84           | 15.82       | 149.81                | 24.29                             | 373.85     | 562.67               | 529.70                | 32.97                   | 17.064            |                    |         |
| 3,700.00               | 3,604.84            | 3,633.99            | 3,625.40            | 18.36           | 16.25       | 151.73                | 30.16                             | 367.81     | 580.19               | 546.33                | 33.85                   | 17.138            |                    |         |
| 3,800.00               | 3,701.56            | 3,725.59            | 3,716.66            | 18.87           | 16.67       | 153.45                | 35.74                             | 362.16     | 598.34               | 563.65                | 34.70                   | 17.245            |                    |         |
| 3,900.00               | 3,798.29            | 3,802.79            | 3,793.73            | 19.38           | 17.01       | 154.68                | 37.61                             | 358.23     | 620.02               | 584.62                | 35.40                   | 17.517            |                    |         |
| 4,000.00               | 3,895.02            | 3,900.47            | 3,891.27            | 19.89           | 17.44       | 156.13                | 39.44                             | 353.29     | 642.77               | 606.48                | 36.28                   | 17.715            |                    |         |
| 4,100.00               | 3,991.74            | 4,002.19            | 3,992.86            | 20.41           | 17.88       | 157.49                | 41.58                             | 348.64     | 665.54               | 628.33                | 37.21                   | 17.886            |                    |         |
| 4,200.00               | 4,088.47            | 4,093.00            | 4,083.65            | 20.92           | 18.26       | 158.31                | 42.94                             | 348.31     | 687.92               | 649.90                | 38.02                   | 18.096            |                    |         |
| 4,300.00               | 4,185.20            | 4,178.43            | 4,169.07            | 21.44           | 18.60       | 158.90                | 41.96                             | 348.94     | 712.43               | 673.68                | 38.75                   | 18.386            |                    |         |
| 4,400.00               | 4,281.92            | 4,272.98            | 4,263.61            | 21.95           | 18.97       | 159.53                | 40.55                             | 349.30     | 737.51               | 697.94                | 39.57                   | 18.637            |                    |         |
| 4,500.00               | 4,378.65            | 4,376.58            | 4,367.18            | 22.47           | 19.38       | 160.16                | 38.63                             | 349.72     | 763.02               | 722.53                | 40.49                   | 18.843            |                    |         |
| 4,600.00               | 4,475.38            | 4,487.50            | 4,478.08            | 22.99           | 19.82       | 160.70                | 38.60                             | 352.20     | 786.22               | 744.73                | 41.49                   | 18.951            |                    |         |
| 4,700.00               | 4,572.10            | 4,591.41            | 4,581.96            | 23.50           | 20.24       | 161.22                | 39.53                             | 354.31     | 808.78               | 766.37                | 42.41                   | 19.071            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,800.00               | 4,668.83            | 4,692.64            | 4,683.16            | 24.02           | 20.66       | 161.77                | 41.63                             | 355.63     | 830.57               | 787.25                | 43.32                   | 19.175            |                    |         |
| 4,900.00               | 4,765.56            | 4,791.35            | 4,781.84            | 24.53           | 21.08       | 162.32                | 44.12                             | 356.47     | 852.19               | 807.98                | 44.20                   | 19.279            |                    |         |
| 5,000.00               | 4,862.28            | 4,881.93            | 4,872.39            | 25.05           | 21.46       | 162.80                | 46.25                             | 357.06     | 874.11               | 829.09                | 45.02                   | 19.416            |                    |         |
| 5,100.00               | 4,959.01            | 4,961.96            | 4,952.41            | 25.57           | 21.79       | 163.21                | 47.14                             | 357.29     | 897.36               | 851.63                | 45.73                   | 19.622            |                    |         |
| 5,200.00               | 5,055.74            | 5,051.21            | 5,041.66            | 26.09           | 22.17       | 163.67                | 46.85                             | 356.37     | 922.41               | 875.88                | 46.53                   | 19.825            |                    |         |
| 5,300.00               | 5,152.46            | 5,151.17            | 5,141.60            | 26.60           | 22.59       | 164.22                | 46.97                             | 354.67     | 947.42               | 899.98                | 47.44                   | 19.972            |                    |         |
| 5,400.00               | 5,249.19            | 5,248.59            | 5,239.00            | 27.12           | 23.01       | 164.74                | 47.46                             | 352.81     | 972.24               | 923.91                | 48.32                   | 20.119            |                    |         |
| 5,500.00               | 5,345.92            | 5,348.92            | 5,339.30            | 27.64           | 23.44       | 165.27                | 48.20                             | 350.69     | 997.02               | 947.78                | 49.24                   | 20.247            |                    |         |
| 5,600.00               | 5,442.65            | 5,434.47            | 5,424.84            | 28.16           | 23.80       | 165.68                | 48.69                             | 349.18     | 1,021.90             | 971.89                | 50.01                   | 20.435            |                    |         |
| 5,700.00               | 5,539.37            | 5,526.24            | 5,516.60            | 28.68           | 24.18       | 166.03                | 47.49                             | 348.25     | 1,048.10             | 997.28                | 50.83                   | 20.621            |                    |         |
| 5,800.00               | 5,636.10            | 5,630.72            | 5,621.07            | 29.20           | 24.62       | 166.40                | 46.61                             | 347.39     | 1,073.87             | 1,022.10              | 51.78                   | 20.739            |                    |         |
| 5,900.00               | 5,732.83            | 5,734.38            | 5,724.73            | 29.71           | 25.06       | 166.79                | 46.65                             | 346.37     | 1,099.00             | 1,046.27              | 52.73                   | 20.843            |                    |         |
| 6,000.00               | 5,829.55            | 5,833.02            | 5,823.36            | 30.23           | 25.47       | 167.13                | 47.07                             | 345.61     | 1,123.73             | 1,070.11              | 53.62                   | 20.956            |                    |         |
| 6,100.00               | 5,926.28            | 5,939.85            | 5,930.18            | 30.75           | 25.92       | 167.42                | 47.30                             | 346.16     | 1,148.11             | 1,093.52              | 54.59                   | 21.032            |                    |         |
| 6,200.00               | 6,023.01            | 6,043.76            | 6,034.08            | 31.27           | 26.36       | 167.74                | 48.75                             | 346.23     | 1,171.70             | 1,116.16              | 55.53                   | 21.098            |                    |         |
| 6,300.00               | 6,119.73            | 6,130.51            | 6,120.83            | 31.79           | 26.72       | 167.99                | 49.78                             | 346.33     | 1,195.46             | 1,139.14              | 56.32                   | 21.226            |                    |         |
| 6,397.75               | 6,214.28            | 6,234.24            | 6,224.55            | 32.30           | 27.16       | 168.28                | 50.87                             | 346.42     | 1,218.85             | 1,161.59              | 57.26                   | 21.285            |                    |         |
| 6,400.00               | 6,216.46            | 6,238.81            | 6,229.12            | 32.31           | 27.18       | 168.92                | 50.96                             | 346.41     | 1,219.38             | 1,162.07              | 57.30                   | 21.279            |                    |         |
| 6,450.00               | 6,265.12            | 6,447.45            | 6,434.36            | 32.56           | 27.99       | -175.51               | 52.39                             | 377.08     | 1,227.96             | 1,169.30              | 58.67                   | 20.931            |                    |         |
| 6,500.00               | 6,314.12            | 6,500.00            | 6,551.64            | 32.78           | 28.17       | -156.18               | 52.88                             | 423.41     | 1,228.85             | 1,169.89              | 58.96                   | 20.843            |                    |         |
| 6,550.00               | 6,363.16            | 6,653.75            | 6,623.11            | 32.99           | 28.74       | -136.00               | 54.12                             | 459.17     | 1,226.05             | 1,166.36              | 59.69                   | 20.541            |                    |         |
| 6,600.00               | 6,411.94            | 6,680.28            | 6,646.15            | 33.18           | 28.84       | -119.54               | 53.99                             | 472.34     | 1,222.15             | 1,162.02              | 60.13                   | 20.325            |                    |         |
| 6,650.00               | 6,460.15            | 6,709.00            | 6,670.88            | 33.35           | 28.96       | -108.84               | 53.31                             | 486.93     | 1,217.94             | 1,157.38              | 60.56                   | 20.113            |                    |         |
| 6,700.00               | 6,507.49            | 6,766.91            | 6,719.06            | 33.52           | 29.23       | -103.37               | 51.16                             | 518.93     | 1,213.15             | 1,152.08              | 61.07                   | 19.865            |                    |         |
| 6,750.00               | 6,553.69            | 6,817.75            | 6,758.77            | 33.69           | 29.46       | -100.44               | 48.92                             | 550.59     | 1,207.65             | 1,146.06              | 61.59                   | 19.609            |                    |         |
| 6,800.00               | 6,598.44            | 6,848.34            | 6,781.77            | 33.85           | 29.65       | -98.34                | 47.56                             | 570.71     | 1,202.31             | 1,140.22              | 62.09                   | 19.364            |                    |         |
| 6,850.00               | 6,641.47            | 6,870.77            | 6,798.21            | 34.02           | 29.78       | -96.90                | 46.56                             | 585.93     | 1,197.60             | 1,135.06              | 62.53                   | 19.151            |                    |         |
| 6,900.00               | 6,682.53            | 6,885.16            | 6,808.58            | 34.19           | 29.86       | -95.72                | 45.93                             | 595.89     | 1,193.82             | 1,130.90              | 62.92                   | 18.973            |                    |         |
| 6,950.00               | 6,721.35            | 6,892.88            | 6,814.08            | 34.38           | 29.91       | -94.63                | 45.60                             | 601.29     | 1,191.18             | 1,127.93              | 63.25                   | 18.834            |                    |         |
| 7,000.00               | 6,757.70            | 6,895.04            | 6,815.61            | 34.57           | 29.92       | -93.52                | 45.50                             | 602.81     | 1,189.77             | 1,126.26              | 63.51                   | 18.734            |                    |         |
| 7,029.96               | 6,778.20            | 6,894.06            | 6,814.92            | 34.70           | 29.91       | -92.83                | 45.55                             | 602.12     | 1,189.55             | 1,125.90              | 63.64                   | 18.690            |                    |         |
| 7,050.00               | 6,791.35            | 6,892.56            | 6,813.85            | 34.79           | 29.91       | -92.35                | 45.61                             | 601.07     | 1,189.65             | 1,125.93              | 63.72                   | 18.670            |                    |         |
| 7,100.00               | 6,822.10            | 6,886.20            | 6,809.32            | 35.03           | 29.87       | -91.09                | 45.89                             | 596.62     | 1,190.77             | 1,126.89              | 63.88                   | 18.640            |                    |         |
| 7,150.00               | 6,849.75            | 6,876.59            | 6,802.42            | 35.30           | 29.81       | -89.75                | 46.31                             | 589.94     | 1,193.09             | 1,129.08              | 64.02                   | 18.638            |                    |         |
| 7,200.00               | 6,874.14            | 6,864.21            | 6,793.44            | 35.61           | 29.74       | -88.32                | 46.85                             | 581.44     | 1,196.50             | 1,132.37              | 64.13                   | 18.658            |                    |         |
| 7,250.00               | 6,895.11            | 6,849.49            | 6,782.62            | 35.95           | 29.66       | -86.82                | 47.51                             | 571.48     | 1,200.87             | 1,136.64              | 64.23                   | 18.696            |                    |         |
| 7,300.00               | 6,912.54            | 6,832.78            | 6,770.17            | 36.34           | 29.56       | -85.29                | 48.25                             | 560.36     | 1,206.06             | 1,141.72              | 64.34                   | 18.745            |                    |         |
| 7,350.00               | 6,926.31            | 6,814.36            | 6,756.22            | 36.77           | 29.46       | -83.72                | 49.09                             | 548.35     | 1,211.91             | 1,147.44              | 64.46                   | 18.800            |                    |         |
| 7,400.00               | 6,936.35            | 6,804.00            | 6,748.29            | 37.25           | 29.40       | -82.56                | 49.56                             | 541.71     | 1,218.30             | 1,153.53              | 64.77                   | 18.808            |                    |         |
| 7,450.00               | 6,942.59            | 6,779.93            | 6,729.48            | 37.76           | 29.29       | -80.89                | 50.62                             | 526.74     | 1,225.04             | 1,160.11              | 64.92                   | 18.869            |                    |         |
| 7,500.00               | 6,944.99            | 6,762.81            | 6,715.75            | 38.31           | 29.21       | -79.58                | 51.33                             | 516.52     | 1,232.10             | 1,166.87              | 65.23                   | 18.888            |                    |         |
| 7,512.10               | 6,945.00            | 6,758.59            | 6,712.32            | 38.44           | 29.19       | -79.27                | 51.50                             | 514.06     | 1,233.84             | 1,168.53              | 65.31                   | 18.891            |                    |         |
| 7,600.00               | 6,944.19            | 6,729.75            | 6,688.49            | 39.51           | 29.05       | -78.17                | 52.59                             | 497.89     | 1,248.93             | 1,182.96              | 65.97                   | 18.932            |                    |         |
| 7,700.00               | 6,943.28            | 6,709.00            | 6,670.88            | 40.90           | 28.96       | -77.35                | 53.31                             | 486.93     | 1,272.10             | 1,205.14              | 66.96                   | 18.999            |                    |         |
| 7,800.00               | 6,942.37            | 6,676.62            | 6,642.98            | 42.44           | 28.83       | -76.08                | 54.04                             | 470.50     | 1,301.42             | 1,233.67              | 67.75                   | 19.208            |                    |         |
| 7,900.00               | 6,941.46            | 6,652.54            | 6,622.06            | 44.11           | 28.73       | -75.13                | 54.12                             | 458.58     | 1,336.70             | 1,268.04              | 68.67                   | 19.466            |                    |         |
| 8,000.00               | 6,940.55            | 6,614.00            | 6,588.29            | 45.90           | 28.58       | -73.64                | 53.44                             | 440.02     | 1,377.68             | 1,308.39              | 69.30                   | 19.881            |                    |         |
| 8,100.00               | 6,939.64            | 6,614.00            | 6,588.29            | 47.80           | 28.58       | -73.64                | 53.44                             | 440.02     | 1,423.42             | 1,352.95              | 70.47                   | 20.198            |                    |         |
| 8,200.00               | 6,938.72            | 6,580.42            | 6,558.35            | 49.79           | 28.46       | -72.33                | 52.61                             | 424.84     | 1,473.81             | 1,402.75              | 71.06                   | 20.740            |                    |         |
| 8,300.00               | 6,937.81            | 6,558.67            | 6,538.58            | 51.86           | 28.38       | -71.48                | 52.28                             | 415.78     | 1,528.45             | 1,456.71              | 71.74                   | 21.306            |                    |         |
| 8,400.00               | 6,936.90            | 6,519.00            | 6,501.84            | 54.01           | 28.24       | -69.91                | 52.13                             | 400.85     | 1,587.28             | 1,515.20              | 72.08                   | 22.021            |                    |         |
| 8,500.00               | 6,935.99            | 6,519.00            | 6,501.84            | 56.21           | 28.24       | -69.91                | 52.13                             | 400.85     | 1,649.11             | 1,576.21              | 72.90                   | 22.621            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,600.00               | 6,935.08            | 6,502.52            | 6,486.38            | 58.47           | 28.18       | -69.25                | 52.18                             | 395.14     | 1,714.42             | 1,641.00              | 73.41                   | 23.352            |                    |         |
| 8,700.00               | 6,934.17            | 6,482.08            | 6,467.14            | 60.78           | 28.11       | -68.44                | 52.25                             | 388.26     | 1,782.54             | 1,708.73              | 73.81                   | 24.150            |                    |         |
| 8,800.00               | 6,933.25            | 6,462.81            | 6,448.92            | 63.13           | 28.04       | -67.69                | 52.33                             | 381.96     | 1,853.20             | 1,779.03              | 74.17                   | 24.987            |                    |         |
| 8,900.00               | 6,932.34            | 6,444.61            | 6,431.66            | 65.52           | 27.98       | -66.98                | 52.40                             | 376.18     | 1,926.13             | 1,851.65              | 74.48                   | 25.861            |                    |         |
| 9,000.00               | 6,931.43            | 6,424.00            | 6,412.05            | 67.95           | 27.90       | -66.18                | 52.50                             | 369.85     | 2,001.13             | 1,926.40              | 74.73                   | 26.780            |                    |         |
| 9,100.00               | 6,930.52            | 6,424.00            | 6,412.05            | 70.40           | 27.90       | -66.18                | 52.50                             | 369.85     | 2,078.05             | 2,002.91              | 75.13                   | 27.658            |                    |         |
| 9,200.00               | 6,929.61            | 6,424.00            | 6,412.05            | 72.89           | 27.90       | -66.18                | 52.50                             | 369.85     | 2,156.86             | 2,081.37              | 75.49                   | 28.572            |                    |         |
| 9,300.00               | 6,928.69            | 6,424.00            | 6,412.05            | 75.40           | 27.90       | -66.18                | 52.50                             | 369.85     | 2,237.37             | 2,161.57              | 75.80                   | 29.519            |                    |         |
| 9,400.00               | 6,927.78            | 6,424.00            | 6,412.05            | 77.93           | 27.90       | -66.18                | 52.50                             | 369.85     | 2,319.39             | 2,243.33              | 76.06                   | 30.494            |                    |         |
| 9,500.00               | 6,926.87            | 6,424.00            | 6,412.05            | 80.48           | 27.90       | -66.18                | 52.50                             | 369.85     | 2,402.77             | 2,326.49              | 76.29                   | 31.496            |                    |         |
| 9,600.00               | 6,925.96            | 6,424.00            | 6,412.05            | 83.05           | 27.90       | -66.18                | 52.50                             | 369.85     | 2,487.39             | 2,410.90              | 76.49                   | 32.520            |                    |         |
| 9,700.00               | 6,925.05            | 6,424.00            | 6,412.05            | 85.64           | 27.90       | -66.18                | 52.50                             | 369.85     | 2,573.10             | 2,496.44              | 76.66                   | 33.565            |                    |         |
| 9,800.00               | 6,924.14            | 6,424.00            | 6,412.05            | 88.25           | 27.90       | -66.18                | 52.50                             | 369.85     | 2,659.81             | 2,583.00              | 76.81                   | 34.629            |                    |         |
| 9,900.00               | 6,923.22            | 6,383.48            | 6,372.93            | 90.86           | 27.75       | -64.62                | 52.56                             | 359.34     | 2,745.41             | 2,668.71              | 76.70                   | 35.794            |                    |         |
| 10,000.00              | 6,922.31            | 6,380.25            | 6,369.78            | 93.50           | 27.74       | -64.49                | 52.55                             | 358.65     | 2,833.52             | 2,756.71              | 76.81                   | 36.890            |                    |         |
| 10,100.00              | 6,921.40            | 6,377.22            | 6,366.81            | 96.14           | 27.73       | -64.38                | 52.55                             | 358.03     | 2,922.36             | 2,845.46              | 76.90                   | 38.000            |                    |         |
| 10,200.00              | 6,920.49            | 6,374.36            | 6,364.01            | 98.79           | 27.72       | -64.27                | 52.54                             | 357.46     | 3,011.88             | 2,934.90              | 76.99                   | 39.121            |                    |         |
| 10,300.00              | 6,919.58            | 6,371.67            | 6,361.37            | 101.45          | 27.71       | -64.17                | 52.53                             | 356.94     | 3,102.03             | 3,024.97              | 77.06                   | 40.252            |                    |         |
| 10,400.00              | 6,918.67            | 6,329.00            | 6,319.16            | 104.13          | 27.55       | -62.55                | 52.24                             | 350.81     | 3,194.72             | 3,117.80              | 76.91                   | 41.536            |                    |         |
| 10,500.00              | 6,917.75            | 6,329.00            | 6,319.16            | 106.81          | 27.55       | -62.55                | 52.24                             | 350.81     | 3,285.73             | 3,208.73              | 77.00                   | 42.674            |                    |         |
| 10,600.00              | 6,916.84            | 6,329.00            | 6,319.16            | 109.50          | 27.55       | -62.55                | 52.24                             | 350.81     | 3,377.25             | 3,300.18              | 77.07                   | 43.820            |                    |         |
| 10,700.00              | 6,915.93            | 6,329.00            | 6,319.16            | 112.19          | 27.55       | -62.55                | 52.24                             | 350.81     | 3,469.23             | 3,392.10              | 77.14                   | 44.975            |                    |         |
| 10,800.00              | 6,915.02            | 6,329.00            | 6,319.16            | 114.90          | 27.55       | -62.55                | 52.24                             | 350.81     | 3,561.65             | 3,484.46              | 77.20                   | 46.138            |                    |         |
| 10,900.00              | 6,914.11            | 6,329.00            | 6,319.16            | 117.61          | 27.55       | -62.55                | 52.24                             | 350.81     | 3,654.47             | 3,577.22              | 77.25                   | 47.307            |                    |         |
| 11,000.00              | 6,913.20            | 6,329.00            | 6,319.16            | 120.32          | 27.55       | -62.55                | 52.24                             | 350.81     | 3,747.66             | 3,670.36              | 77.30                   | 48.482            |                    |         |
| 11,100.00              | 6,912.28            | 6,329.00            | 6,319.16            | 123.04          | 27.55       | -62.55                | 52.24                             | 350.81     | 3,841.19             | 3,763.84              | 77.35                   | 49.662            |                    |         |
| 11,200.00              | 6,911.37            | 6,329.00            | 6,319.16            | 125.77          | 27.55       | -62.55                | 52.24                             | 350.81     | 3,935.04             | 3,857.65              | 77.39                   | 50.848            |                    |         |
| 11,300.00              | 6,910.46            | 6,329.00            | 6,319.16            | 128.50          | 27.55       | -62.55                | 52.24                             | 350.81     | 4,029.18             | 3,951.75              | 77.43                   | 52.038            |                    |         |
| 11,400.00              | 6,909.55            | 6,329.00            | 6,319.16            | 131.24          | 27.55       | -62.55                | 52.24                             | 350.81     | 4,123.60             | 4,046.13              | 77.46                   | 53.232            |                    |         |
| 11,500.00              | 6,908.64            | 6,329.00            | 6,319.16            | 133.98          | 27.55       | -62.55                | 52.24                             | 350.81     | 4,218.28             | 4,140.78              | 77.50                   | 54.430            |                    |         |
| 11,600.00              | 6,907.73            | 6,329.00            | 6,319.16            | 136.72          | 27.55       | -62.55                | 52.24                             | 350.81     | 4,313.19             | 4,235.66              | 77.53                   | 55.631            |                    |         |
| 11,700.00              | 6,906.81            | 6,329.00            | 6,319.16            | 139.47          | 27.55       | -62.55                | 52.24                             | 350.81     | 4,408.34             | 4,330.77              | 77.56                   | 56.835            |                    |         |
| 11,800.00              | 6,905.90            | 6,329.00            | 6,319.16            | 142.22          | 27.55       | -62.55                | 52.24                             | 350.81     | 4,503.69             | 4,426.10              | 77.59                   | 58.042            |                    |         |
| 11,900.00              | 6,904.99            | 6,329.00            | 6,319.16            | 144.97          | 27.55       | -62.55                | 52.24                             | 350.81     | 4,599.24             | 4,521.62              | 77.62                   | 59.252            |                    |         |
| 12,000.00              | 6,904.08            | 6,329.00            | 6,319.16            | 147.73          | 27.55       | -62.55                | 52.24                             | 350.81     | 4,694.97             | 4,617.32              | 77.65                   | 60.463            |                    |         |
| 12,100.00              | 6,903.17            | 6,329.00            | 6,319.16            | 150.49          | 27.55       | -62.55                | 52.24                             | 350.81     | 4,790.88             | 4,713.21              | 77.68                   | 61.677            |                    |         |
| 12,200.00              | 6,902.26            | 6,329.00            | 6,319.16            | 153.26          | 27.55       | -62.55                | 52.24                             | 350.81     | 4,886.96             | 4,809.25              | 77.70                   | 62.891            |                    |         |
| 12,300.00              | 6,901.34            | 6,329.00            | 6,319.16            | 156.02          | 27.55       | -62.55                | 52.24                             | 350.81     | 4,983.19             | 4,905.45              | 77.73                   | 64.108            |                    |         |
| 12,400.00              | 6,900.43            | 6,329.00            | 6,319.16            | 158.79          | 27.55       | -62.55                | 52.24                             | 350.81     | 5,079.56             | 5,001.80              | 77.76                   | 65.325            |                    |         |
| 12,500.00              | 6,899.52            | 6,329.00            | 6,319.16            | 161.56          | 27.55       | -62.55                | 52.24                             | 350.81     | 5,176.07             | 5,098.29              | 77.78                   | 66.544            |                    |         |
| 12,600.00              | 6,898.61            | 6,329.00            | 6,319.16            | 164.34          | 27.55       | -62.55                | 52.24                             | 350.81     | 5,272.71             | 5,194.90              | 77.81                   | 67.764            |                    |         |
| 12,700.00              | 6,897.70            | 6,329.00            | 6,319.16            | 167.11          | 27.55       | -62.55                | 52.24                             | 350.81     | 5,369.48             | 5,291.64              | 77.84                   | 68.984            |                    |         |
| 12,800.00              | 6,896.79            | 6,329.00            | 6,319.16            | 169.89          | 27.55       | -62.55                | 52.24                             | 350.81     | 5,466.36             | 5,388.49              | 77.86                   | 70.204            |                    |         |
| 12,900.00              | 6,895.87            | 6,329.00            | 6,319.16            | 172.67          | 27.55       | -62.55                | 52.24                             | 350.81     | 5,563.35             | 5,485.46              | 77.89                   | 71.425            |                    |         |
| 13,000.00              | 6,894.96            | 6,329.00            | 6,319.16            | 175.45          | 27.55       | -62.55                | 52.24                             | 350.81     | 5,660.44             | 5,582.53              | 77.92                   | 72.647            |                    |         |
| 13,100.00              | 6,894.05            | 6,329.00            | 6,319.16            | 178.23          | 27.55       | -62.55                | 52.24                             | 350.81     | 5,757.64             | 5,679.69              | 77.95                   | 73.868            |                    |         |
| 13,200.00              | 6,893.14            | 6,329.00            | 6,319.16            | 181.02          | 27.55       | -62.55                | 52.24                             | 350.81     | 5,854.93             | 5,776.96              | 77.97                   | 75.089            |                    |         |
| 13,300.00              | 6,892.23            | 6,329.00            | 6,319.16            | 183.80          | 27.55       | -62.55                | 52.24                             | 350.81     | 5,952.31             | 5,874.31              | 78.00                   | 76.310            |                    |         |
| 13,400.00              | 6,891.31            | 6,329.00            | 6,319.16            | 186.59          | 27.55       | -62.55                | 52.24                             | 350.81     | 6,049.77             | 5,971.74              | 78.03                   | 77.531            |                    |         |
| 13,500.00              | 6,890.40            | 6,329.00            | 6,319.16            | 189.38          | 27.55       | -62.55                | 52.24                             | 350.81     | 6,147.32             | 6,069.26              | 78.06                   | 78.752            |                    |         |
| 13,600.00              | 6,889.49            | 6,329.00            | 6,319.16            | 192.17          | 27.55       | -62.55                | 52.24                             | 350.81     | 6,244.94             | 6,166.86              | 78.09                   | 79.972            |                    |         |
| 13,700.00              | 6,888.58            | 6,329.00            | 6,319.16            | 194.97          | 27.55       | -62.55                | 52.24                             | 350.81     | 6,342.64             | 6,264.52              | 78.12                   | 81.191            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                        |                        |                        |                   |                |                             |   |               |                            |                             |                               |                      | Offset Site Error: | 0.00 ft |
|------------------------|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|-------------------------------|----------------------|--------------------|---------|
| Survey Program: 39-MWD |                        |                        |                        |                   |                |                             |   |               |                            |                             |                               |                      | Offset Well Error: | 3.28 ft |
| Reference              |                        | Offset                 |                        | Semi Major Axis   |                |                             | Distance                                |               |                            |                             |                               |                      |                    | Warning |
| Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) | Minimum<br>Separation<br>(ft) | Separation<br>Factor |                    |         |
| 13,800.00              | 6,887.67               | 6,329.00               | 6,319.16               | 197.76            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 6,440.41                   | 6,362.26                    | 78.15                         | 82.410               |                    |         |
| 13,900.00              | 6,886.76               | 6,329.00               | 6,319.16               | 200.56            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 6,538.25                   | 6,460.07                    | 78.18                         | 83.628               |                    |         |
| 14,000.00              | 6,885.84               | 6,329.00               | 6,319.16               | 203.35            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 6,636.15                   | 6,557.93                    | 78.21                         | 84.845               |                    |         |
| 14,100.00              | 6,884.93               | 6,329.00               | 6,319.16               | 206.15            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 6,734.11                   | 6,655.86                    | 78.25                         | 86.061               |                    |         |
| 14,200.00              | 6,884.02               | 6,329.00               | 6,319.16               | 208.95            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 6,832.13                   | 6,753.85                    | 78.28                         | 87.277               |                    |         |
| 14,300.00              | 6,883.11               | 6,329.00               | 6,319.16               | 211.75            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 6,930.21                   | 6,851.90                    | 78.32                         | 88.491               |                    |         |
| 14,400.00              | 6,882.20               | 6,329.00               | 6,319.16               | 214.55            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 7,028.34                   | 6,949.99                    | 78.35                         | 89.704               |                    |         |
| 14,500.00              | 6,881.29               | 6,329.00               | 6,319.16               | 217.35            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 7,126.53                   | 7,048.14                    | 78.39                         | 90.915               |                    |         |
| 14,600.00              | 6,880.37               | 6,329.00               | 6,319.16               | 220.15            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 7,224.76                   | 7,146.34                    | 78.42                         | 92.126               |                    |         |
| 14,700.00              | 6,879.46               | 6,329.00               | 6,319.16               | 222.95            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 7,323.04                   | 7,244.58                    | 78.46                         | 93.335               |                    |         |
| 14,800.00              | 6,878.55               | 6,329.00               | 6,319.16               | 225.76            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 7,421.37                   | 7,342.87                    | 78.50                         | 94.542               |                    |         |
| 14,900.00              | 6,877.64               | 6,329.00               | 6,319.16               | 228.56            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 7,519.74                   | 7,441.21                    | 78.54                         | 95.749               |                    |         |
| 15,000.00              | 6,876.73               | 6,329.00               | 6,319.16               | 231.37            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 7,618.16                   | 7,539.58                    | 78.58                         | 96.953               |                    |         |
| 15,100.00              | 6,875.82               | 6,329.00               | 6,319.16               | 234.18            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 7,716.61                   | 7,638.00                    | 78.62                         | 98.156               |                    |         |
| 15,200.00              | 6,874.90               | 6,329.00               | 6,319.16               | 236.98            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 7,815.11                   | 7,736.45                    | 78.66                         | 99.357               |                    |         |
| 15,300.00              | 6,873.99               | 6,329.00               | 6,319.16               | 239.79            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 7,913.64                   | 7,834.94                    | 78.70                         | 100.557              |                    |         |
| 15,400.00              | 6,873.08               | 6,329.00               | 6,319.16               | 242.60            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 8,012.21                   | 7,933.47                    | 78.74                         | 101.755              |                    |         |
| 15,500.00              | 6,872.17               | 6,329.00               | 6,319.16               | 245.41            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 8,110.81                   | 8,032.03                    | 78.78                         | 102.951              |                    |         |
| 15,600.00              | 6,871.26               | 6,329.00               | 6,319.16               | 248.22            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 8,209.45                   | 8,130.62                    | 78.83                         | 104.145              |                    |         |
| 15,700.00              | 6,870.35               | 6,329.00               | 6,319.16               | 251.03            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 8,308.12                   | 8,229.25                    | 78.87                         | 105.338              |                    |         |
| 15,737.91              | 6,870.00               | 6,329.00               | 6,319.16               | 252.10            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 8,345.53                   | 8,266.64                    | 78.89                         | 105.789              |                    |         |
| 15,738.53              | 6,869.99               | 6,329.00               | 6,319.16               | 252.11            | 27.55          | -62.55                      | 52.24                                   | 350.81        | 8,346.14                   | 8,267.25                    | 78.89                         | 105.797              |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.00 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 0.00        | -80.71                | 152.30                            | -931.15    | 4,882.04             |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 0.00                | 0.00                | 3.28            | 0.00        | -80.71                | 152.30                            | -931.15    | 4,783.97             | 4,777.06              | 6.91                    | 692.318           |                    |         |
| 200.00                 | 200.00              | 0.00                | 0.00                | 3.34            | 0.00        | -80.71                | 152.30                            | -931.15    | 4,685.97             | 4,679.19              | 6.79                    | 690.573           |                    |         |
| 300.00                 | 300.00              | 0.00                | 0.00                | 3.44            | 0.00        | -80.71                | 152.30                            | -931.15    | 4,588.07             | 4,581.40              | 6.66                    | 688.494           |                    |         |
| 400.00                 | 399.98              | 0.00                | 0.00                | 3.60            | 0.00        | -119.09               | 152.30                            | -931.15    | 4,490.40             | 4,483.86              | 6.54                    | 686.250           |                    |         |
| 500.00                 | 499.84              | 0.00                | 0.00                | 3.81            | 0.00        | -126.03               | 152.30                            | -931.15    | 4,393.23             | 4,386.81              | 6.42                    | 683.895           |                    |         |
| 550.00                 | 549.68              | 0.00                | 0.00                | 3.93            | 0.00        | -129.04               | 152.30                            | -931.15    | 4,344.88             | 4,338.52              | 6.36                    | 682.766           |                    |         |
| 600.00                 | 599.45              | 0.00                | 0.00                | 4.06            | 0.00        | -133.43               | 152.30                            | -931.15    | 4,296.73             | 4,290.42              | 6.31                    | 681.462           |                    |         |
| 700.00                 | 698.71              | 0.00                | 0.00                | 4.33            | 0.00        | -139.86               | 152.30                            | -931.15    | 4,201.19             | 4,194.99              | 6.19                    | 678.330           |                    |         |
| 800.00                 | 797.49              | 0.00                | 0.00                | 4.64            | 0.00        | -144.45               | 152.30                            | -931.15    | 4,106.81             | 4,100.72              | 6.09                    | 674.783           |                    |         |
| 900.00                 | 895.68              | 0.00                | 0.00                | 4.97            | 0.00        | -147.94               | 152.30                            | -931.15    | 4,013.79             | 4,007.80              | 5.99                    | 670.295           |                    |         |
| 1,000.00               | 993.14              | 0.00                | 0.00                | 5.33            | 0.00        | -150.69               | 152.30                            | -931.15    | 3,922.35             | 3,916.45              | 5.90                    | 664.465           |                    |         |
| 1,039.84               | 1,031.75            | 0.00                | 0.00                | 5.48            | 0.00        | -151.63               | 152.30                            | -931.15    | 3,886.41             | 3,880.54              | 5.87                    | 662.208           |                    |         |
| 1,100.00               | 1,089.94            | 0.00                | 0.00                | 5.72            | 0.00        | -151.63               | 152.30                            | -931.15    | 3,832.46             | 3,826.62              | 5.84                    | 656.649           |                    |         |
| 1,200.00               | 1,186.67            | 0.00                | 0.00                | 6.13            | 0.00        | -151.63               | 152.30                            | -931.15    | 3,743.20             | 3,737.39              | 5.80                    | 645.054           |                    |         |
| 1,300.00               | 1,283.39            | 0.00                | 0.00                | 6.55            | 0.00        | -151.63               | 152.30                            | -931.15    | 3,654.49             | 3,648.70              | 5.79                    | 631.165           |                    |         |
| 1,400.00               | 1,380.12            | 0.00                | 0.00                | 6.99            | 0.00        | -151.63               | 152.30                            | -931.15    | 3,566.38             | 3,560.58              | 5.80                    | 614.869           |                    |         |
| 1,500.00               | 1,476.85            | 0.00                | 0.00                | 7.45            | 0.00        | -151.63               | 152.30                            | -931.15    | 3,478.91             | 3,473.07              | 5.84                    | 596.133           |                    |         |
| 1,600.00               | 1,573.57            | 0.00                | 0.00                | 7.90            | 0.00        | -151.63               | 152.30                            | -931.15    | 3,392.14             | 3,386.24              | 5.90                    | 575.020           |                    |         |
| 1,700.00               | 1,670.30            | 0.00                | 0.00                | 8.37            | 0.00        | -151.63               | 152.30                            | -931.15    | 3,306.11             | 3,300.12              | 5.99                    | 551.698           |                    |         |
| 1,800.00               | 1,767.03            | 0.00                | 0.00                | 8.85            | 0.00        | -151.63               | 152.30                            | -931.15    | 3,220.89             | 3,214.77              | 6.12                    | 526.440           |                    |         |
| 1,900.00               | 1,863.75            | 0.00                | 0.00                | 9.32            | 0.00        | -151.63               | 152.30                            | -931.15    | 3,136.54             | 3,130.26              | 6.28                    | 499.610           |                    |         |
| 2,000.00               | 1,960.48            | 0.00                | 0.00                | 9.81            | 0.00        | -151.63               | 152.30                            | -931.15    | 3,053.14             | 3,046.66              | 6.47                    | 471.639           |                    |         |
| 2,100.00               | 2,057.21            | 0.00                | 0.00                | 10.29           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,970.76             | 2,964.05              | 6.71                    | 442.994           |                    |         |
| 2,200.00               | 2,153.93            | 0.00                | 0.00                | 10.78           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,889.50             | 2,882.52              | 6.98                    | 414.144           |                    |         |
| 2,300.00               | 2,250.66            | 0.00                | 0.00                | 11.28           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,809.44             | 2,802.15              | 7.29                    | 385.533           |                    |         |
| 2,400.00               | 2,347.39            | 0.00                | 0.00                | 11.77           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,730.70             | 2,723.06              | 7.64                    | 357.556           |                    |         |
| 2,500.00               | 2,444.11            | 0.00                | 0.00                | 12.27           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,653.39             | 2,645.36              | 8.03                    | 330.541           |                    |         |
| 2,600.00               | 2,540.84            | 0.00                | 0.00                | 12.77           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,577.64             | 2,569.19              | 8.46                    | 304.747           |                    |         |
| 2,700.00               | 2,637.57            | 0.00                | 0.00                | 13.27           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,503.60             | 2,494.67              | 8.93                    | 280.362           |                    |         |
| 2,800.00               | 2,734.30            | 0.00                | 0.00                | 13.78           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,431.42             | 2,421.97              | 9.44                    | 257.511           |                    |         |
| 2,900.00               | 2,831.02            | 0.00                | 0.00                | 14.28           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,361.26             | 2,351.27              | 9.99                    | 236.261           |                    |         |
| 3,000.00               | 2,927.75            | 0.00                | 0.00                | 14.79           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,293.32             | 2,282.73              | 10.59                   | 216.637           |                    |         |
| 3,100.00               | 3,024.48            | 0.00                | 0.00                | 15.29           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,227.80             | 2,216.58              | 11.22                   | 198.626           |                    |         |
| 3,200.00               | 3,121.20            | 0.00                | 0.00                | 15.80           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,164.91             | 2,153.03              | 11.88                   | 182.189           |                    |         |
| 3,300.00               | 3,217.93            | 0.00                | 0.00                | 16.31           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,104.90             | 2,092.32              | 12.58                   | 167.270           |                    |         |
| 3,400.00               | 3,314.66            | 0.00                | 0.00                | 16.82           | 0.00        | -151.63               | 152.30                            | -931.15    | 2,048.02             | 2,034.70              | 13.32                   | 153.799           |                    |         |
| 3,500.00               | 3,411.38            | 0.00                | 0.00                | 17.33           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,994.53             | 1,980.45              | 14.08                   | 141.699           |                    |         |
| 3,600.00               | 3,508.11            | 0.00                | 0.00                | 17.84           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,944.71             | 1,929.86              | 14.86                   | 130.892           |                    |         |
| 3,700.00               | 3,604.84            | 0.00                | 0.00                | 18.36           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,898.86             | 1,883.21              | 15.65                   | 121.296           |                    |         |
| 3,800.00               | 3,701.56            | 0.00                | 0.00                | 18.87           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,857.27             | 1,840.81              | 16.46                   | 112.832           |                    |         |
| 3,900.00               | 3,798.29            | 0.00                | 0.00                | 19.38           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,820.22             | 1,802.96              | 17.27                   | 105.426           |                    |         |
| 4,000.00               | 3,895.02            | 0.00                | 0.00                | 19.89           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,788.01             | 1,769.95              | 18.06                   | 99.003            |                    |         |
| 4,100.00               | 3,991.74            | 0.00                | 0.00                | 20.41           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,760.89             | 1,742.06              | 18.83                   | 93.496            |                    |         |
| 4,200.00               | 4,088.47            | 0.00                | 0.00                | 20.92           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,739.11             | 1,719.54              | 19.58                   | 88.842            |                    |         |
| 4,300.00               | 4,185.20            | 0.00                | 0.00                | 21.44           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,722.87             | 1,702.59              | 20.27                   | 84.979            |                    |         |
| 4,400.00               | 4,281.92            | 0.00                | 0.00                | 21.95           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,712.32             | 1,691.40              | 20.92                   | 81.854            |                    |         |
| 4,500.00               | 4,378.65            | 0.00                | 0.00                | 22.47           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,707.57             | 1,686.07              | 21.50                   | 79.416            |                    |         |
| 4,531.17               | 4,408.80            | 0.00                | 0.00                | 22.63           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,707.29             | 1,685.62              | 21.67                   | 78.788            |                    |         |
| 4,600.00               | 4,475.38            | 0.00                | 0.00                | 22.99           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,708.68             | 1,686.66              | 22.01                   | 77.616            |                    |         |
| 4,700.00               | 4,572.10            | 0.00                | 0.00                | 23.50           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,715.62             | 1,693.16              | 22.45                   | 76.412            |                    |         |
| 4,800.00               | 4,668.83            | 0.00                | 0.00                | 24.02           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,728.32             | 1,705.51              | 22.81                   | 75.763            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWDD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.00 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00                | 4,765.56            | 0.00                | 0.00                | 24.53           | 0.00        | -151.63               | 152.30                            | -931.15    | 1,746.67             | 1,723.58              | 23.09                   | 75.633            |                    |         |
| 5,000.00                | 4,862.28            | 59.72               | 59.72               | 25.05           | 0.18        | -151.87               | 152.06                            | -931.32    | 1,769.31             | 1,745.66              | 23.65                   | 74.820            |                    |         |
| 5,100.00                | 4,959.01            | 146.53              | 146.52              | 25.57           | 0.56        | -152.22               | 151.54                            | -932.02    | 1,792.84             | 1,768.37              | 24.47                   | 73.269            |                    |         |
| 5,200.00                | 5,055.74            | 231.84              | 231.82              | 26.09           | 0.93        | -152.56               | 150.84                            | -933.16    | 1,817.01             | 1,791.73              | 25.28                   | 71.876            |                    |         |
| 5,300.00                | 5,152.46            | 327.16              | 327.13              | 26.60           | 1.35        | -152.92               | 149.96                            | -934.77    | 1,841.59             | 1,815.43              | 26.16                   | 70.392            |                    |         |
| 5,400.00                | 5,249.19            | 416.81              | 416.75              | 27.12           | 1.75        | -153.26               | 148.75                            | -936.27    | 1,866.41             | 1,839.41              | 27.00                   | 69.121            |                    |         |
| 5,500.00                | 5,345.92            | 500.04              | 499.95              | 27.64           | 2.12        | -153.60               | 146.64                            | -937.67    | 1,891.80             | 1,864.00              | 27.79                   | 68.065            |                    |         |
| 5,600.00                | 5,442.65            | 593.54              | 593.37              | 28.16           | 2.53        | -154.00               | 143.18                            | -939.23    | 1,917.73             | 1,889.07              | 28.66                   | 66.911            |                    |         |
| 5,700.00                | 5,539.37            | 677.85              | 677.56              | 28.68           | 2.91        | -154.39               | 139.03                            | -940.33    | 1,943.96             | 1,914.50              | 29.46                   | 65.989            |                    |         |
| 5,800.00                | 5,636.10            | 756.36              | 755.91              | 29.20           | 3.26        | -154.77               | 134.10                            | -941.49    | 1,971.02             | 1,940.81              | 30.21                   | 65.241            |                    |         |
| 5,900.00                | 5,732.83            | 834.83              | 834.14              | 29.71           | 3.62        | -155.16               | 128.13                            | -942.91    | 1,999.04             | 1,968.08              | 30.96                   | 64.562            |                    |         |
| 6,000.00                | 5,829.55            | 913.30              | 912.32              | 30.23           | 3.99        | -155.56               | 121.55                            | -944.66    | 2,027.88             | 1,996.17              | 31.71                   | 63.942            |                    |         |
| 6,100.00                | 5,926.28            | 993.28              | 991.98              | 30.75           | 4.31        | -155.90               | 115.32                            | -946.84    | 2,057.82             | 2,025.43              | 32.39                   | 63.525            |                    |         |
| 6,200.00                | 6,023.01            | 1,057.79            | 1,056.12            | 31.27           | 4.67        | -156.26               | 108.44                            | -949.93    | 2,088.89             | 2,055.78              | 33.11                   | 63.092            |                    |         |
| 6,300.00                | 6,119.73            | 1,142.67            | 1,140.51            | 31.79           | 5.08        | -156.65               | 100.49                            | -954.11    | 2,120.77             | 2,086.86              | 33.91                   | 62.539            |                    |         |
| 6,397.75                | 6,214.28            | 1,232.00            | 1,229.35            | 32.30           | 5.51        | -157.04               | 92.34                             | -958.80    | 2,152.18             | 2,117.43              | 34.75                   | 61.934            |                    |         |
| 6,400.00                | 6,216.46            | 1,234.07            | 1,231.40            | 32.31           | 5.52        | -156.43               | 92.16                             | -958.91    | 2,152.91             | 2,118.14              | 34.77                   | 61.920            |                    |         |
| 6,450.00                | 6,265.12            | 1,280.33            | 1,277.43            | 32.56           | 5.74        | -139.98               | 88.28                             | -961.57    | 2,167.21             | 2,132.02              | 35.20                   | 61.577            |                    |         |
| 6,500.00                | 6,314.12            | 1,331.81            | 1,328.66            | 32.78           | 5.99        | -118.36               | 84.22                             | -964.65    | 2,178.12             | 2,142.47              | 35.65                   | 61.091            |                    |         |
| 6,550.00                | 6,363.16            | 1,387.23            | 1,383.81            | 32.99           | 6.25        | -96.15                | 79.84                             | -967.79    | 2,185.46             | 2,149.32              | 36.13                   | 60.486            |                    |         |
| 6,600.00                | 6,411.94            | 1,426.04            | 1,422.43            | 33.18           | 6.44        | -78.72                | 76.65                             | -969.91    | 2,189.33             | 2,152.88              | 36.45                   | 60.065            |                    |         |
| 6,650.00                | 6,460.15            | 1,461.75            | 1,457.94            | 33.35           | 6.61        | -67.00                | 73.41                             | -971.90    | 2,190.03             | 2,153.31              | 36.72                   | 59.638            |                    |         |
| 6,700.00                | 6,507.49            | 1,500.06            | 1,495.99            | 33.52           | 6.80        | -59.44                | 69.60                             | -974.08    | 2,187.56             | 2,150.56              | 37.00                   | 59.121            |                    |         |
| 6,750.00                | 6,553.69            | 1,548.12            | 1,543.71            | 33.69           | 7.04        | -54.67                | 64.36                             | -976.58    | 2,181.78             | 2,144.42              | 37.36                   | 58.403            |                    |         |
| 6,800.00                | 6,598.44            | 1,594.40            | 1,589.61            | 33.85           | 7.27        | -51.68                | 58.86                             | -978.65    | 2,172.68             | 2,134.99              | 37.69                   | 57.654            |                    |         |
| 6,850.00                | 6,641.47            | 1,631.72            | 1,626.56            | 34.02           | 7.46        | -49.83                | 53.85                             | -980.02    | 2,160.47             | 2,122.55              | 37.93                   | 56.961            |                    |         |
| 6,900.00                | 6,682.53            | 1,668.09            | 1,662.52            | 34.19           | 7.65        | -48.89                | 48.44                             | -981.07    | 2,145.31             | 2,107.16              | 38.16                   | 56.221            |                    |         |
| 6,950.00                | 6,721.35            | 1,718.86            | 1,712.63            | 34.38           | 7.91        | -48.95                | 40.35                             | -982.12    | 2,127.24             | 2,088.71              | 38.53                   | 55.212            |                    |         |
| 7,000.00                | 6,757.70            | 1,771.37            | 1,764.46            | 34.57           | 8.18        | -49.74                | 32.03                             | -982.72    | 2,106.17             | 2,067.24              | 38.92                   | 54.108            |                    |         |
| 7,050.00                | 6,791.35            | 1,833.77            | 1,826.12            | 34.79           | 8.50        | -51.41                | 22.42                             | -982.80    | 2,082.22             | 2,042.79              | 39.43                   | 52.807            |                    |         |
| 7,100.00                | 6,822.10            | 1,900.00            | 1,884.49            | 35.03           | 8.80        | -52.80                | 19.11                             | -982.57    | 2,055.62             | 1,990.67              | 64.95                   | 31.651            |                    |         |
| 7,150.00                | 6,849.75            | 1,892.56            | 1,884.27            | 35.30           | 8.80        | -55.09                | 13.76                             | -982.35    | 2,027.00             | 1,987.10              | 39.90                   | 50.804            |                    |         |
| 7,200.00                | 6,874.14            | 1,908.70            | 1,900.23            | 35.61           | 8.89        | -57.37                | 11.37                             | -982.30    | 1,996.62             | 1,956.57              | 40.05                   | 49.849            |                    |         |
| 7,250.00                | 6,895.11            | 1,922.81            | 1,914.18            | 35.95           | 8.96        | -60.10                | 9.26                              | -982.32    | 1,964.67             | 1,924.44              | 40.23                   | 48.836            |                    |         |
| 7,300.00                | 6,912.54            | 1,934.76            | 1,925.99            | 36.34           | 9.02        | -63.25                | 7.46                              | -982.36    | 1,931.34             | 1,890.90              | 40.43                   | 47.768            |                    |         |
| 7,350.00                | 6,926.31            | 1,944.44            | 1,935.56            | 36.77           | 9.07        | -66.81                | 6.00                              | -982.43    | 1,896.82             | 1,856.16              | 40.66                   | 46.646            |                    |         |
| 7,400.00                | 6,936.35            | 1,951.75            | 1,942.79            | 37.25           | 9.11        | -70.75                | 4.89                              | -982.49    | 1,861.34             | 1,820.41              | 40.93                   | 45.475            |                    |         |
| 7,450.00                | 6,942.59            | 1,960.00            | 1,950.95            | 37.76           | 9.15        | -75.18                | 3.63                              | -982.57    | 1,825.10             | 1,783.83              | 41.27                   | 44.221            |                    |         |
| 7,500.00                | 6,944.99            | 1,960.00            | 1,950.95            | 38.31           | 9.15        | -79.62                | 3.63                              | -982.57    | 1,788.30             | 1,746.71              | 41.59                   | 43.001            |                    |         |
| 7,512.10                | 6,945.00            | 1,960.00            | 1,950.95            | 38.44           | 9.15        | -80.74                | 3.63                              | -982.57    | 1,779.33             | 1,737.66              | 41.68                   | 42.695            |                    |         |
| 7,600.00                | 6,944.19            | 1,960.00            | 1,950.95            | 39.51           | 9.15        | -80.74                | 3.63                              | -982.57    | 1,715.17             | 1,672.78              | 42.40                   | 40.454            |                    |         |
| 7,700.00                | 6,943.28            | 1,960.00            | 1,950.95            | 40.90           | 9.15        | -80.74                | 3.63                              | -982.57    | 1,644.85             | 1,601.41              | 43.44                   | 37.861            |                    |         |
| 7,800.00                | 6,942.37            | 1,961.07            | 1,952.00            | 42.44           | 9.15        | -80.80                | 3.47                              | -982.59    | 1,577.73             | 1,532.97              | 44.77                   | 35.245            |                    |         |
| 7,900.00                | 6,941.46            | 1,961.86            | 1,952.78            | 44.11           | 9.16        | -80.83                | 3.35                              | -982.59    | 1,514.25             | 1,467.89              | 46.36                   | 32.660            |                    |         |
| 8,000.00                | 6,940.55            | 1,962.66            | 1,953.58            | 45.90           | 9.16        | -80.87                | 3.23                              | -982.60    | 1,454.88             | 1,406.62              | 48.25                   | 30.150            |                    |         |
| 8,100.00                | 6,939.64            | 1,963.49            | 1,954.39            | 47.80           | 9.17        | -80.91                | 3.10                              | -982.61    | 1,400.13             | 1,349.70              | 50.44                   | 27.761            |                    |         |
| 8,200.00                | 6,938.72            | 1,964.33            | 1,955.23            | 49.79           | 9.17        | -80.95                | 2.97                              | -982.62    | 1,350.58             | 1,297.69              | 52.89                   | 25.537            |                    |         |
| 8,300.00                | 6,937.81            | 1,965.20            | 1,956.08            | 51.86           | 9.18        | -80.99                | 2.84                              | -982.63    | 1,306.82             | 1,251.24              | 55.58                   | 23.513            |                    |         |
| 8,400.00                | 6,936.90            | 1,966.08            | 1,956.96            | 54.01           | 9.18        | -81.04                | 2.71                              | -982.64    | 1,269.44             | 1,210.99              | 58.45                   | 21.718            |                    |         |
| 8,500.00                | 6,935.99            | 1,966.99            | 1,957.86            | 56.21           | 9.19        | -81.08                | 2.57                              | -982.65    | 1,239.02             | 1,177.59              | 61.43                   | 20.168            |                    |         |
| 8,600.00                | 6,935.08            | 1,967.92            | 1,958.77            | 58.47           | 9.19        | -81.12                | 2.42                              | -982.67    | 1,216.09             | 1,151.65              | 64.44                   | 18.872            |                    |         |
| 8,700.00                | 6,934.17            | 1,968.88            | 1,959.72            | 60.78           | 9.20        | -81.17                | 2.28                              | -982.68    | 1,201.07             | 1,133.70              | 67.37                   | 17.829            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 39-MWVD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.00 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00                | 6,933.25            | 1,969.86            | 1,960.68            | 63.13           | 9.20        | -81.22                | 2.13                              | -982.69    | 1,194.26             | 1,124.14              | 70.12                   | 17.031            |                    |         |
| 8,831.54                | 6,932.97            | 1,970.17            | 1,960.99            | 63.88           | 9.20        | -81.23                | 2.08                              | -982.69    | 1,193.85             | 1,122.90              | 70.94                   | 16.828 CC, ES     |                    |         |
| 8,900.00                | 6,932.34            | 1,970.86            | 1,961.68            | 65.52           | 9.21        | -81.27                | 1.97                              | -982.70    | 1,195.81             | 1,123.19              | 72.62                   | 16.467            |                    |         |
| 9,000.00                | 6,931.43            | 1,971.89            | 1,962.69            | 67.95           | 9.21        | -81.31                | 1.82                              | -982.72    | 1,205.67             | 1,130.88              | 74.79                   | 16.121            |                    |         |
| 9,100.00                | 6,930.52            | 1,972.95            | 1,963.74            | 70.40           | 9.22        | -81.37                | 1.65                              | -982.73    | 1,223.66             | 1,147.06              | 76.59                   | 15.976 SF         |                    |         |
| 9,200.00                | 6,929.61            | 1,974.03            | 1,964.81            | 72.89           | 9.22        | -81.42                | 1.49                              | -982.74    | 1,249.41             | 1,171.39              | 78.02                   | 16.014            |                    |         |
| 9,300.00                | 6,928.69            | 1,975.15            | 1,965.91            | 75.40           | 9.23        | -81.47                | 1.32                              | -982.76    | 1,282.46             | 1,203.38              | 79.07                   | 16.218            |                    |         |
| 9,400.00                | 6,927.78            | 1,976.30            | 1,967.05            | 77.93           | 9.23        | -81.53                | 1.14                              | -982.77    | 1,322.26             | 1,242.47              | 79.79                   | 16.572            |                    |         |
| 9,500.00                | 6,926.87            | 1,977.47            | 1,968.21            | 80.48           | 9.24        | -81.58                | 0.96                              | -982.79    | 1,368.23             | 1,288.02              | 80.21                   | 17.059            |                    |         |
| 9,600.00                | 6,925.96            | 1,978.69            | 1,969.41            | 83.05           | 9.25        | -81.64                | 0.77                              | -982.81    | 1,419.76             | 1,339.39              | 80.37                   | 17.664            |                    |         |
| 9,700.00                | 6,925.05            | 1,979.93            | 1,970.64            | 85.64           | 9.25        | -81.70                | 0.58                              | -982.82    | 1,476.28             | 1,395.94              | 80.34                   | 18.376            |                    |         |
| 9,800.00                | 6,924.14            | 1,981.22            | 1,971.91            | 88.25           | 9.26        | -81.76                | 0.38                              | -982.84    | 1,537.23             | 1,457.09              | 80.14                   | 19.182            |                    |         |
| 9,900.00                | 6,923.22            | 1,982.54            | 1,973.22            | 90.86           | 9.27        | -81.83                | 0.18                              | -982.86    | 1,602.10             | 1,522.29              | 79.82                   | 20.072            |                    |         |
| 10,000.00               | 6,922.31            | 1,983.90            | 1,974.56            | 93.50           | 9.27        | -81.89                | -0.03                             | -982.88    | 1,670.45             | 1,591.04              | 79.40                   | 21.037            |                    |         |
| 10,100.00               | 6,921.40            | 1,985.31            | 1,975.95            | 96.14           | 9.28        | -81.96                | -0.24                             | -982.90    | 1,741.85             | 1,662.92              | 78.93                   | 22.068            |                    |         |
| 10,200.00               | 6,920.49            | 1,986.75            | 1,977.38            | 98.79           | 9.29        | -82.03                | -0.47                             | -982.92    | 1,815.96             | 1,737.54              | 78.42                   | 23.158            |                    |         |
| 10,300.00               | 6,919.58            | 1,988.25            | 1,978.85            | 101.45          | 9.30        | -82.10                | -0.70                             | -982.94    | 1,892.45             | 1,814.57              | 77.88                   | 24.301            |                    |         |
| 10,400.00               | 6,918.67            | 1,989.79            | 1,980.38            | 104.13          | 9.31        | -82.17                | -0.94                             | -982.97    | 1,971.04             | 1,893.72              | 77.32                   | 25.491            |                    |         |
| 10,500.00               | 6,917.75            | 1,991.38            | 1,981.95            | 106.81          | 9.31        | -82.25                | -1.18                             | -982.99    | 2,051.50             | 1,974.73              | 76.77                   | 26.722            |                    |         |
| 10,600.00               | 6,916.84            | 1,993.02            | 1,983.57            | 109.50          | 9.32        | -82.33                | -1.44                             | -983.02    | 2,133.61             | 2,057.39              | 76.22                   | 27.992            |                    |         |
| 10,700.00               | 6,915.93            | 1,994.72            | 1,985.25            | 112.19          | 9.33        | -82.41                | -1.70                             | -983.04    | 2,217.19             | 2,141.50              | 75.69                   | 29.295            |                    |         |
| 10,800.00               | 6,915.02            | 1,996.48            | 1,986.99            | 114.90          | 9.34        | -82.49                | -1.97                             | -983.07    | 2,302.08             | 2,226.91              | 75.16                   | 30.627            |                    |         |
| 10,900.00               | 6,914.11            | 1,998.30            | 1,988.79            | 117.61          | 9.35        | -82.58                | -2.25                             | -983.10    | 2,388.13             | 2,313.47              | 74.66                   | 31.987            |                    |         |
| 11,000.00               | 6,913.20            | 2,000.18            | 1,990.65            | 120.32          | 9.36        | -82.67                | -2.54                             | -983.13    | 2,475.24             | 2,401.06              | 74.17                   | 33.371            |                    |         |
| 11,100.00               | 6,912.28            | 2,002.14            | 1,992.58            | 123.04          | 9.37        | -82.77                | -2.85                             | -983.16    | 2,563.28             | 2,489.58              | 73.71                   | 34.777            |                    |         |
| 11,200.00               | 6,911.37            | 2,004.16            | 1,994.58            | 125.77          | 9.38        | -82.86                | -3.16                             | -983.20    | 2,652.17             | 2,578.91              | 73.26                   | 36.202            |                    |         |
| 11,300.00               | 6,910.46            | 2,006.26            | 1,996.65            | 128.50          | 9.39        | -82.96                | -3.49                             | -983.23    | 2,741.83             | 2,668.99              | 72.83                   | 37.645            |                    |         |
| 11,400.00               | 6,909.55            | 2,008.44            | 1,998.80            | 131.24          | 9.40        | -83.07                | -3.82                             | -983.27    | 2,832.17             | 2,759.75              | 72.43                   | 39.103            |                    |         |
| 11,500.00               | 6,908.64            | 2,010.71            | 2,001.04            | 133.98          | 9.42        | -83.18                | -4.18                             | -983.31    | 2,923.15             | 2,851.11              | 72.04                   | 40.575            |                    |         |
| 11,600.00               | 6,907.73            | 2,013.06            | 2,003.37            | 136.72          | 9.43        | -83.29                | -4.54                             | -983.36    | 3,014.69             | 2,943.02              | 71.68                   | 42.060            |                    |         |
| 11,700.00               | 6,906.81            | 2,015.52            | 2,005.79            | 139.47          | 9.44        | -83.41                | -4.92                             | -983.40    | 3,106.76             | 3,035.43              | 71.33                   | 43.556            |                    |         |
| 11,800.00               | 6,905.90            | 2,018.07            | 2,008.31            | 142.22          | 9.45        | -83.53                | -5.32                             | -983.45    | 3,199.30             | 3,128.30              | 71.00                   | 45.061            |                    |         |
| 11,900.00               | 6,904.99            | 2,020.73            | 2,010.94            | 144.97          | 9.47        | -83.66                | -5.74                             | -983.50    | 3,292.27             | 3,221.59              | 70.69                   | 46.575            |                    |         |
| 12,000.00               | 6,904.08            | 2,023.51            | 2,013.68            | 147.73          | 9.48        | -83.79                | -6.17                             | -983.55    | 3,385.65             | 3,315.26              | 70.39                   | 48.096            |                    |         |
| 12,100.00               | 6,903.17            | 2,026.40            | 2,016.54            | 150.49          | 9.50        | -83.93                | -6.62                             | -983.61    | 3,479.39             | 3,409.27              | 70.11                   | 49.624            |                    |         |
| 12,200.00               | 6,902.26            | 2,029.43            | 2,019.54            | 153.26          | 9.51        | -84.07                | -7.10                             | -983.67    | 3,573.47             | 3,503.62              | 69.85                   | 51.158            |                    |         |
| 12,300.00               | 6,901.34            | 2,032.60            | 2,022.67            | 156.02          | 9.53        | -84.23                | -7.60                             | -983.74    | 3,667.86             | 3,598.25              | 69.60                   | 52.696            |                    |         |
| 12,400.00               | 6,900.43            | 2,035.92            | 2,025.94            | 158.79          | 9.55        | -84.38                | -8.12                             | -983.81    | 3,762.54             | 3,693.17              | 69.37                   | 54.238            |                    |         |
| 12,500.00               | 6,899.52            | 2,039.40            | 2,029.38            | 161.56          | 9.57        | -84.55                | -8.66                             | -983.88    | 3,857.48             | 3,788.33              | 69.15                   | 55.783            |                    |         |
| 12,600.00               | 6,898.61            | 2,043.06            | 2,032.99            | 164.34          | 9.59        | -84.73                | -9.24                             | -983.97    | 3,952.68             | 3,883.73              | 68.95                   | 57.330            |                    |         |
| 12,700.00               | 6,897.70            | 2,046.90            | 2,036.78            | 167.11          | 9.61        | -84.91                | -9.84                             | -984.05    | 4,048.10             | 3,979.35              | 68.75                   | 58.879            |                    |         |
| 12,800.00               | 6,896.79            | 2,050.94            | 2,040.77            | 169.89          | 9.63        | -85.10                | -10.48                            | -984.15    | 4,143.74             | 4,075.16              | 68.57                   | 60.429            |                    |         |
| 12,900.00               | 6,895.87            | 2,055.20            | 2,044.97            | 172.67          | 9.65        | -85.30                | -11.15                            | -984.25    | 4,239.57             | 4,171.17              | 68.40                   | 61.979            |                    |         |
| 13,000.00               | 6,894.96            | 2,059.69            | 2,049.40            | 175.45          | 9.67        | -85.52                | -11.86                            | -984.35    | 4,335.59             | 4,267.35              | 68.25                   | 63.528            |                    |         |
| 13,100.00               | 6,894.05            | 2,064.43            | 2,054.09            | 178.23          | 9.70        | -85.75                | -12.62                            | -984.47    | 4,431.79             | 4,363.69              | 68.10                   | 65.076            |                    |         |
| 13,200.00               | 6,893.14            | 2,069.46            | 2,059.05            | 181.02          | 9.72        | -85.98                | -13.41                            | -984.60    | 4,528.15             | 4,460.18              | 67.97                   | 66.621            |                    |         |
| 13,300.00               | 6,892.23            | 2,074.70            | 2,064.30            | 183.80          | 9.75        | -86.23                | -14.24                            | -984.74    | 4,624.64             | 4,556.62              | 67.83                   | 68.166            |                    |         |
| 13,400.00               | 6,891.31            | 2,080.14            | 2,069.74            | 186.59          | 9.78        | -86.50                | -15.11                            | -984.89    | 4,721.31             | 4,653.31              | 67.70                   | 69.711            |                    |         |
| 13,500.00               | 6,890.40            | 2,085.77            | 2,075.37            | 189.38          | 9.81        | -86.79                | -16.02                            | -985.04    | 4,818.12             | 4,750.06              | 67.58                   | 71.256            |                    |         |
| 13,600.00               | 6,889.49            | 2,091.58            | 2,081.18            | 192.17          | 9.84        | -87.09                | -16.97                            | -985.19    | 4,915.05             | 4,846.95              | 67.46                   | 72.801            |                    |         |
| 13,700.00               | 6,888.58            | 2,097.67            | 2,087.27            | 194.97          | 9.87        | -87.40                | -17.95                            | -985.34    | 5,012.10             | 4,943.95              | 67.35                   | 74.346            |                    |         |
| 13,800.00               | 6,887.67            | 2,103.94            | 2,093.54            | 197.76          | 9.90        | -87.72                | -18.96                            | -985.49    | 5,109.27             | 5,041.16              | 67.25                   | 75.891            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                |                |                |                 |        |                   |                        |                 |                  |                    |                   |         | Boomerang 21-5 - SRC Wiedeman 22-5-4NBHZ - OH - OH |         | Offset Site Error: |  | 0.00 ft |
|------------------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|-----------------|------------------|--------------------|-------------------|---------|--|---------|--------------------|--|---------|
| Survey Program: 39-MWD |                |                |                |                 |        |                   |                        |                 |                  |                    |                   |         | Offset Well Error:                                 |         | 0.00 ft            |  |         |
| Reference              |                | Offset         |                | Semi Major Axis |        |                   | Distance               |                 |                  |                    |                   |         |  | Warning |                    |  |         |
| Measured Depth         | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre | Between Centres | Between Ellipses | Minimum Separation | Separation Factor |         |  |         |                    |  |         |
| (ft)                   | (ft)           | (ft)           | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft)      | (ft)             | (ft)               | (ft)              |         |  |         |                    |  |         |
| 13,900.00              | 6,886.76       | 13,900.00      | 2,037.32       | 200.56          | 72.23  | -84.93            | -9.95                  | -984.11         | 5,206.54         | 5,077.15           | 129.39            | 40.241  |  |         |                    |  |         |
| 14,000.00              | 6,885.84       | 2,069.26       | 2,058.86       | 203.35          | 9.72   | -85.98            | -13.36                 | -984.57         | 5,303.88         | 5,237.07           | 66.81             | 79.389  |  |         |                    |  |         |
| 14,100.00              | 6,884.93       | 2,070.41       | 2,059.99       | 206.15          | 9.73   | -86.03            | -13.54                 | -984.59         | 5,401.34         | 5,334.64           | 66.70             | 80.974  |  |         |                    |  |         |
| 14,200.00              | 6,884.02       | 2,071.53       | 2,061.10       | 208.95          | 9.74   | -86.08            | -13.72                 | -984.62         | 5,498.90         | 5,432.29           | 66.61             | 82.558  |  |         |                    |  |         |
| 14,300.00              | 6,883.11       | 2,072.63       | 2,062.19       | 211.75          | 9.74   | -86.14            | -13.89                 | -984.64         | 5,596.54         | 5,530.02           | 66.51             | 84.142  |  |         |                    |  |         |
| 14,400.00              | 6,882.20       | 2,073.71       | 2,063.25       | 214.55          | 9.75   | -86.19            | -14.06                 | -984.66         | 5,694.26         | 5,627.83           | 66.42             | 85.725  |  |         |                    |  |         |
| 14,500.00              | 6,881.29       | 2,074.78       | 2,064.30       | 217.35          | 9.75   | -86.24            | -14.23                 | -984.68         | 5,792.05         | 5,725.71           | 66.34             | 87.307  |  |         |                    |  |         |
| 14,600.00              | 6,880.37       | 2,075.82       | 2,065.33       | 220.15          | 9.76   | -86.29            | -14.39                 | -984.71         | 5,889.92         | 5,823.66           | 66.26             | 88.887  |  |         |                    |  |         |
| 14,700.00              | 6,879.46       | 2,076.85       | 2,066.35       | 222.95          | 9.76   | -86.34            | -14.55                 | -984.73         | 5,987.87         | 5,921.68           | 66.19             | 90.466  |  |         |                    |  |         |
| 14,800.00              | 6,878.55       | 2,077.85       | 2,067.34       | 225.76          | 9.77   | -86.38            | -14.70                 | -984.75         | 6,085.87         | 6,019.75           | 66.12             | 92.043  |  |         |                    |  |         |
| 14,900.00              | 6,877.64       | 2,078.84       | 2,068.32       | 228.56          | 9.77   | -86.43            | -14.86                 | -984.77         | 6,183.95         | 6,117.89           | 66.05             | 93.619  |  |         |                    |  |         |
| 15,000.00              | 6,876.73       | 2,079.81       | 2,069.28       | 231.37          | 9.78   | -86.48            | -15.01                 | -984.79         | 6,282.08         | 6,216.08           | 65.99             | 95.193  |  |         |                    |  |         |
| 15,100.00              | 6,875.82       | 2,080.77       | 2,070.22       | 234.18          | 9.78   | -86.52            | -15.16                 | -984.81         | 6,380.27         | 6,314.33           | 65.94             | 96.765  |  |         |                    |  |         |
| 15,200.00              | 6,874.90       | 2,081.71       | 2,071.15       | 236.98          | 9.79   | -86.57            | -15.30                 | -984.82         | 6,478.51         | 6,412.63           | 65.88             | 98.334  |  |         |                    |  |         |
| 15,300.00              | 6,873.99       | 2,082.63       | 2,072.06       | 239.79          | 9.79   | -86.61            | -15.45                 | -984.84         | 6,576.81         | 6,510.98           | 65.83             | 99.902  |  |         |                    |  |         |
| 15,400.00              | 6,873.08       | 2,083.54       | 2,072.96       | 242.60          | 9.80   | -86.65            | -15.59                 | -984.86         | 6,675.16         | 6,609.37           | 65.79             | 101.467 |  |         |                    |  |         |
| 15,500.00              | 6,872.17       | 2,084.43       | 2,073.84       | 245.41          | 9.80   | -86.70            | -15.73                 | -984.88         | 6,773.55         | 6,707.81           | 65.74             | 103.030 |  |         |                    |  |         |
| 15,600.00              | 6,871.26       | 2,085.31       | 2,074.70       | 248.22          | 9.81   | -86.74            | -15.86                 | -984.89         | 6,872.00         | 6,806.29           | 65.70             | 104.591 |  |         |                    |  |         |
| 15,700.00              | 6,870.35       | 2,086.17       | 2,075.56       | 251.03          | 9.81   | -86.78            | -15.99                 | -984.91         | 6,970.48         | 6,904.81           | 65.67             | 106.148 |  |         |                    |  |         |
| 15,737.91              | 6,870.00       | 2,086.49       | 2,075.88       | 252.10          | 9.81   | -86.80            | -16.04                 | -984.92         | 7,007.82         | 6,942.17           | 65.65             | 106.738 |  |         |                    |  |         |
| 15,738.53              | 6,869.99       | 2,086.50       | 2,075.88       | 252.11          | 9.81   | -86.80            | -16.05                 | -984.92         | 7,008.44         | 6,942.78           | 65.65             | 106.748 |  |         |                    |  |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -79.02                | 182.54                            | -940.62    | 958.88               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 59.07               | 59.07               | 3.28            | 3.29        | -79.02                | 182.57                            | -940.70    | 958.26               | 951.69                | 6.57                    | 145.798 CC, ES    |                    |         |
| 200.00                 | 200.00              | 150.69              | 150.69              | 3.34            | 3.34        | -79.01                | 182.86                            | -941.43    | 959.11               | 952.43                | 6.68                    | 143.622           |                    |         |
| 300.00                 | 300.00              | 259.48              | 259.47              | 3.44            | 3.46        | -79.02                | 182.90                            | -942.43    | 960.02               | 953.12                | 6.90                    | 139.049           |                    |         |
| 400.00                 | 399.98              | 345.18              | 345.15              | 3.60            | 3.60        | -109.30               | 181.62                            | -943.74    | 961.80               | 954.60                | 7.20                    | 133.581           |                    |         |
| 500.00                 | 499.84              | 430.38              | 430.26              | 3.81            | 3.76        | -109.66               | 178.82                            | -946.52    | 966.16               | 958.58                | 7.58                    | 127.521           |                    |         |
| 550.00                 | 549.68              | 469.03              | 468.82              | 3.93            | 3.85        | -109.89               | 177.00                            | -948.38    | 969.45               | 961.67                | 7.79                    | 124.509           |                    |         |
| 600.00                 | 599.45              | 506.68              | 506.32              | 4.06            | 3.95        | -112.46               | 174.79                            | -950.72    | 973.77               | 965.76                | 8.01                    | 121.577           |                    |         |
| 700.00                 | 698.71              | 578.25              | 577.43              | 4.33            | 4.14        | -115.97               | 169.31                            | -956.72    | 985.95               | 977.46                | 8.49                    | 116.070           |                    |         |
| 800.00                 | 797.49              | 654.82              | 653.12              | 4.64            | 4.39        | -118.55               | 161.58                            | -965.37    | 1,003.01             | 993.97                | 9.04                    | 110.945           |                    |         |
| 900.00                 | 895.68              | 749.89              | 746.84              | 4.97            | 4.73        | -120.95               | 150.80                            | -977.15    | 1,023.72             | 1,014.04              | 9.68                    | 105.736           |                    |         |
| 1,000.00               | 993.14              | 847.07              | 842.54              | 5.33            | 5.12        | -123.17               | 138.42                            | -988.58    | 1,046.63             | 1,036.25              | 10.38                   | 100.818           |                    |         |
| 1,039.84               | 1,031.75            | 883.98              | 878.85              | 5.48            | 5.27        | -124.00               | 133.32                            | -992.88    | 1,056.56             | 1,045.89              | 10.67                   | 99.017            |                    |         |
| 1,100.00               | 1,089.94            | 963.91              | 957.34              | 5.72            | 5.63        | -125.61               | 120.95                            | -1,001.36  | 1,071.56             | 1,060.35              | 11.21                   | 95.579            |                    |         |
| 1,200.00               | 1,186.67            | 1,108.46            | 1,098.76            | 6.13            | 6.31        | -128.67               | 92.77                             | -1,010.90  | 1,093.70             | 1,081.47              | 12.23                   | 89.419            |                    |         |
| 1,300.00               | 1,283.39            | 1,208.86            | 1,196.24            | 6.55            | 6.82        | -130.92               | 68.93                             | -1,014.27  | 1,114.54             | 1,101.43              | 13.11                   | 84.998            |                    |         |
| 1,400.00               | 1,380.12            | 1,329.52            | 1,312.95            | 6.99            | 7.47        | -133.61               | 38.45                             | -1,016.74  | 1,136.03             | 1,121.89              | 14.14                   | 80.326            |                    |         |
| 1,500.00               | 1,476.85            | 1,411.55            | 1,391.99            | 7.45            | 7.93        | -135.43               | 16.49                             | -1,016.90  | 1,157.45             | 1,142.45              | 14.99                   | 77.189            |                    |         |
| 1,600.00               | 1,573.57            | 1,498.05            | 1,475.31            | 7.90            | 8.43        | -137.31               | -6.69                             | -1,017.43  | 1,180.77             | 1,164.89              | 15.88                   | 74.333            |                    |         |
| 1,700.00               | 1,670.30            | 1,576.71            | 1,551.23            | 8.37            | 8.90        | -138.93               | -27.28                            | -1,018.28  | 1,205.83             | 1,189.10              | 16.73                   | 72.079            |                    |         |
| 1,800.00               | 1,767.03            | 1,670.51            | 1,641.99            | 8.85            | 9.47        | -140.75               | -50.91                            | -1,019.93  | 1,232.58             | 1,214.92              | 17.67                   | 69.763            |                    |         |
| 1,900.00               | 1,863.75            | 1,763.80            | 1,732.54            | 9.32            | 10.03       | -142.45               | -73.33                            | -1,021.18  | 1,259.86             | 1,241.25              | 18.60                   | 67.728            |                    |         |
| 2,000.00               | 1,960.48            | 1,855.08            | 1,821.16            | 9.81            | 10.58       | -144.05               | -95.17                            | -1,022.25  | 1,288.00             | 1,268.48              | 19.52                   | 65.973            |                    |         |
| 2,100.00               | 2,057.21            | 1,923.46            | 1,887.73            | 10.29           | 10.99       | -145.16               | -110.69                           | -1,023.72  | 1,317.63             | 1,297.36              | 20.27                   | 65.002            |                    |         |
| 2,200.00               | 2,153.93            | 2,011.43            | 1,974.03            | 10.78           | 11.49       | -146.36               | -127.09                           | -1,028.19  | 1,349.29             | 1,328.17              | 21.12                   | 63.879            |                    |         |
| 2,300.00               | 2,250.66            | 2,183.53            | 2,144.46            | 11.28           | 12.36       | -148.26               | -150.08                           | -1,033.51  | 1,377.81             | 1,355.35              | 22.46                   | 61.341            |                    |         |
| 2,400.00               | 2,347.39            | 2,294.82            | 2,255.35            | 11.77           | 12.85       | -149.21               | -159.18                           | -1,035.63  | 1,404.30             | 1,380.91              | 23.38                   | 60.051            |                    |         |
| 2,500.00               | 2,444.11            | 2,419.12            | 2,379.49            | 12.27           | 13.35       | -150.08               | -165.19                           | -1,037.24  | 1,429.29             | 1,404.95              | 24.34                   | 58.716            |                    |         |
| 2,600.00               | 2,540.84            | 2,534.47            | 2,494.82            | 12.77           | 13.78       | -150.74               | -167.08                           | -1,037.72  | 1,452.47             | 1,427.23              | 25.23                   | 57.560            |                    |         |
| 2,700.00               | 2,637.57            | 2,650.98            | 2,611.33            | 13.27           | 14.18       | -151.32               | -167.37                           | -1,037.85  | 1,475.08             | 1,448.98              | 26.11                   | 56.500            |                    |         |
| 2,800.00               | 2,734.30            | 2,747.42            | 2,707.75            | 13.78           | 14.48       | -151.73               | -165.73                           | -1,037.68  | 1,496.74             | 1,469.87              | 26.87                   | 55.701            |                    |         |
| 2,900.00               | 2,831.02            | 2,847.38            | 2,807.67            | 14.28           | 14.79       | -152.10               | -163.25                           | -1,037.89  | 1,518.52             | 1,490.87              | 27.65                   | 54.919            |                    |         |
| 3,000.00               | 2,927.75            | 2,939.47            | 2,899.73            | 14.79           | 15.08       | -152.42               | -160.69                           | -1,038.26  | 1,540.40             | 1,512.00              | 28.40                   | 54.231            |                    |         |
| 3,100.00               | 3,024.48            | 3,025.69            | 2,985.92            | 15.29           | 15.36       | -152.72               | -158.49                           | -1,039.01  | 1,562.85             | 1,533.71              | 29.14                   | 53.631            |                    |         |
| 3,200.00               | 3,121.20            | 3,118.41            | 3,078.61            | 15.80           | 15.67       | -153.03               | -156.39                           | -1,040.35  | 1,585.95             | 1,556.04              | 29.91                   | 53.022            |                    |         |
| 3,300.00               | 3,217.93            | 3,236.80            | 3,196.91            | 16.31           | 16.06       | -153.37               | -152.06                           | -1,041.34  | 1,607.91             | 1,577.12              | 30.80                   | 52.206            |                    |         |
| 3,400.00               | 3,314.66            | 3,323.03            | 3,283.07            | 16.82           | 16.34       | -153.60               | -148.76                           | -1,042.28  | 1,630.16             | 1,598.61              | 31.55                   | 51.673            |                    |         |
| 3,500.00               | 3,411.38            | 3,449.47            | 3,409.44            | 17.33           | 16.77       | -153.96               | -144.73                           | -1,043.12  | 1,652.47             | 1,619.98              | 32.49                   | 50.868            |                    |         |
| 3,600.00               | 3,508.11            | 3,538.60            | 3,498.53            | 17.84           | 17.07       | -154.23               | -141.97                           | -1,042.39  | 1,673.43             | 1,640.17              | 33.26                   | 50.313            |                    |         |
| 3,700.00               | 3,604.84            | 3,630.24            | 3,590.13            | 18.36           | 17.39       | -154.51               | -139.48                           | -1,042.12  | 1,695.03             | 1,660.98              | 34.05                   | 49.780            |                    |         |
| 3,800.00               | 3,701.56            | 3,720.56            | 3,680.43            | 18.87           | 17.71       | -154.78               | -137.25                           | -1,042.08  | 1,716.99             | 1,682.16              | 34.84                   | 49.284            |                    |         |
| 3,900.00               | 3,798.29            | 3,839.00            | 3,798.82            | 19.38           | 18.13       | -155.14               | -134.39                           | -1,041.42  | 1,738.58             | 1,702.82              | 35.77                   | 48.608            |                    |         |
| 4,000.00               | 3,895.02            | 3,938.57            | 3,898.36            | 19.89           | 18.49       | -155.44               | -132.04                           | -1,040.15  | 1,759.62             | 1,723.01              | 36.61                   | 48.066            |                    |         |
| 4,100.00               | 3,991.74            | 4,034.27            | 3,994.02            | 20.41           | 18.84       | -155.72               | -129.64                           | -1,038.80  | 1,780.51             | 1,743.07              | 37.43                   | 47.564            |                    |         |
| 4,200.00               | 4,088.47            | 4,120.40            | 4,080.11            | 20.92           | 19.15       | -155.95               | -127.17                           | -1,038.28  | 1,801.97             | 1,763.75              | 38.21                   | 47.154            |                    |         |
| 4,300.00               | 4,185.20            | 4,216.86            | 4,176.53            | 21.44           | 19.50       | -156.18               | -124.14                           | -1,038.26  | 1,823.85             | 1,784.81              | 39.05                   | 46.708            |                    |         |
| 4,400.00               | 4,281.92            | 4,339.49            | 4,299.08            | 21.95           | 19.95       | -156.48               | -119.94                           | -1,037.55  | 1,845.20             | 1,805.18              | 40.02                   | 46.110            |                    |         |
| 4,500.00               | 4,378.65            | 4,431.00            | 4,390.53            | 22.47           | 20.29       | -156.71               | -117.01                           | -1,036.08  | 1,865.76             | 1,824.93              | 40.83                   | 45.692            |                    |         |
| 4,600.00               | 4,475.38            | 4,514.60            | 4,474.09            | 22.99           | 20.61       | -156.92               | -114.71                           | -1,035.15  | 1,886.98             | 1,845.37              | 41.61                   | 45.349            |                    |         |
| 4,700.00               | 4,572.10            | 4,605.42            | 4,564.88            | 23.50           | 20.95       | -157.14               | -112.42                           | -1,034.65  | 1,908.82             | 1,866.39              | 42.43                   | 44.992            |                    |         |
| 4,800.00               | 4,668.83            | 4,689.47            | 4,648.92            | 24.02           | 21.27       | -157.35               | -110.57                           | -1,034.44  | 1,931.09             | 1,887.89              | 43.21                   | 44.695            |                    |         |
| 4,900.00               | 4,765.56            | 4,777.84            | 4,737.26            | 24.53           | 21.62       | -157.56               | -108.88                           | -1,034.75  | 1,954.04             | 1,910.03              | 44.01                   | 44.399            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00               | 4,862.28            | 4,887.54            | 4,846.94            | 25.05           | 22.04       | -157.81               | -106.63                           | -1,035.16  | 1,976.98             | 1,932.04              | 44.94                   | 43.992            |                    |         |
| 5,100.00               | 4,959.01            | 5,011.79            | 4,971.16            | 25.57           | 22.53       | -158.13               | -104.68                           | -1,033.75  | 1,998.90             | 1,952.95              | 45.95                   | 43.502            |                    |         |
| 5,200.00               | 5,055.74            | 5,110.64            | 5,069.97            | 26.09           | 22.91       | -158.40               | -103.14                           | -1,031.42  | 2,019.82             | 1,973.00              | 46.82                   | 43.139            |                    |         |
| 5,300.00               | 5,152.46            | 5,189.63            | 5,148.95            | 26.60           | 23.22       | -158.61               | -102.48                           | -1,029.95  | 2,041.54             | 1,993.95              | 47.58                   | 42.905            |                    |         |
| 5,400.00               | 5,249.19            | 5,269.25            | 5,228.56            | 27.12           | 23.54       | -158.83               | -102.11                           | -1,028.98  | 2,064.03             | 2,015.69              | 48.35                   | 42.693            |                    |         |
| 5,500.00               | 5,345.92            | 5,349.37            | 5,308.68            | 27.64           | 23.86       | -159.02               | -101.72                           | -1,029.05  | 2,087.61             | 2,038.50              | 49.11                   | 42.510            |                    |         |
| 5,600.00               | 5,442.65            | 5,494.46            | 5,453.72            | 28.16           | 24.45       | -159.46               | -102.98                           | -1,026.11  | 2,110.07             | 2,059.81              | 50.27                   | 41.975            |                    |         |
| 5,700.00               | 5,539.37            | 5,589.63            | 5,548.77            | 28.68           | 24.84       | -159.81               | -105.50                           | -1,022.02  | 2,131.68             | 2,080.54              | 51.14                   | 41.686            |                    |         |
| 5,800.00               | 5,636.10            | 5,675.69            | 5,634.78            | 29.20           | 25.19       | -160.08               | -106.53                           | -1,019.46  | 2,153.72             | 2,101.78              | 51.95                   | 41.461            |                    |         |
| 5,900.00               | 5,732.83            | 5,771.74            | 5,730.81            | 29.71           | 25.57       | -160.29               | -105.37                           | -1,018.39  | 2,176.14             | 2,123.33              | 52.81                   | 41.208            |                    |         |
| 6,000.00               | 5,829.55            | 5,865.23            | 5,824.27            | 30.23           | 25.94       | -160.45               | -102.91                           | -1,018.21  | 2,198.63             | 2,144.97              | 53.66                   | 40.977            |                    |         |
| 6,100.00               | 5,926.28            | 5,933.10            | 5,892.07            | 30.75           | 26.21       | -160.52               | -99.96                            | -1,019.35  | 2,221.82             | 2,167.48              | 54.34                   | 40.888            |                    |         |
| 6,200.00               | 6,023.01            | 6,029.72            | 5,988.50            | 31.27           | 26.60       | -160.58               | -94.93                            | -1,022.69  | 2,246.02             | 2,190.82              | 55.20                   | 40.688            |                    |         |
| 6,300.00               | 6,119.73            | 6,154.74            | 6,113.41            | 31.79           | 27.10       | -160.73               | -90.51                            | -1,024.23  | 2,269.23             | 2,212.98              | 56.25                   | 40.345            |                    |         |
| 6,397.75               | 6,214.28            | 6,238.50            | 6,197.16            | 32.30           | 27.44       | -160.91               | -89.86                            | -1,023.52  | 2,291.67             | 2,234.64              | 57.03                   | 40.183            |                    |         |
| 6,400.00               | 6,216.46            | 6,240.33            | 6,198.99            | 32.31           | 27.44       | -160.30               | -89.86                            | -1,023.50  | 2,292.19             | 2,235.14              | 57.05                   | 40.180            |                    |         |
| 6,450.00               | 6,265.12            | 6,281.24            | 6,239.90            | 32.56           | 27.61       | -143.88               | -89.71                            | -1,023.27  | 2,302.07             | 2,244.64              | 57.43                   | 40.085            |                    |         |
| 6,500.00               | 6,314.12            | 6,324.19            | 6,282.85            | 32.78           | 27.79       | -122.28               | -89.45                            | -1,023.26  | 2,308.78             | 2,250.96              | 57.81                   | 39.935            |                    |         |
| 6,550.00               | 6,363.16            | 6,376.80            | 6,335.46            | 32.99           | 28.00       | -100.10               | -88.82                            | -1,023.46  | 2,312.12             | 2,253.87              | 58.25                   | 39.696            |                    |         |
| 6,600.00               | 6,411.94            | 6,428.97            | 6,387.62            | 33.18           | 28.22       | -82.82                | -87.79                            | -1,023.82  | 2,312.01             | 2,253.35              | 58.66                   | 39.415            |                    |         |
| 6,650.00               | 6,460.15            | 6,480.40            | 6,439.03            | 33.35           | 28.42       | -71.29                | -86.44                            | -1,024.32  | 2,308.48             | 2,249.43              | 59.05                   | 39.094            |                    |         |
| 6,700.00               | 6,507.49            | 6,530.77            | 6,489.37            | 33.52           | 28.63       | -63.95                | -85.06                            | -1,024.77  | 2,301.58             | 2,242.17              | 59.42                   | 38.735            |                    |         |
| 6,750.00               | 6,553.69            | 6,579.41            | 6,538.01            | 33.69           | 28.83       | -59.35                | -84.29                            | -1,024.77  | 2,291.41             | 2,231.65              | 59.76                   | 38.342            |                    |         |
| 6,800.00               | 6,598.44            | 6,624.40            | 6,582.99            | 33.85           | 29.01       | -56.54                | -84.01                            | -1,024.45  | 2,278.10             | 2,218.03              | 60.07                   | 37.922            |                    |         |
| 6,850.00               | 6,641.47            | 6,667.17            | 6,625.76            | 34.02           | 29.19       | -55.00                | -84.04                            | -1,023.93  | 2,261.79             | 2,201.43              | 60.36                   | 37.472            |                    |         |
| 6,900.00               | 6,682.53            | 6,699.03            | 6,657.62            | 34.19           | 29.32       | -54.30                | -84.15                            | -1,023.56  | 2,242.72             | 2,182.15              | 60.57                   | 37.027            |                    |         |
| 6,950.00               | 6,721.35            | 6,728.13            | 6,686.72            | 34.38           | 29.44       | -54.31                | -84.14                            | -1,023.45  | 2,221.13             | 2,160.37              | 60.76                   | 36.555            |                    |         |
| 7,000.00               | 6,757.70            | 6,755.78            | 6,714.36            | 34.57           | 29.55       | -54.96                | -84.02                            | -1,023.57  | 2,197.18             | 2,136.23              | 60.95                   | 36.051            |                    |         |
| 7,050.00               | 6,791.35            | 6,793.63            | 6,752.21            | 34.79           | 29.71       | -56.40                | -83.72                            | -1,023.92  | 2,170.95             | 2,109.74              | 61.21                   | 35.464            |                    |         |
| 7,100.00               | 6,822.10            | 6,831.58            | 6,790.16            | 35.03           | 29.87       | -58.49                | -83.32                            | -1,024.19  | 2,142.50             | 2,080.99              | 61.50                   | 34.836            |                    |         |
| 7,150.00               | 6,849.75            | 6,865.59            | 6,824.17            | 35.30           | 30.01       | -61.12                | -82.89                            | -1,024.36  | 2,112.06             | 2,050.27              | 61.79                   | 34.182            |                    |         |
| 7,200.00               | 6,874.14            | 6,879.04            | 6,837.62            | 35.61           | 30.07       | -63.81                | -82.79                            | -1,024.45  | 2,080.03             | 2,018.07              | 61.96                   | 33.569            |                    |         |
| 7,250.00               | 6,895.11            | 6,894.90            | 6,853.47            | 35.95           | 30.13       | -67.09                | -82.69                            | -1,024.55  | 2,046.65             | 1,984.46              | 62.19                   | 32.909            |                    |         |
| 7,300.00               | 6,912.54            | 6,908.15            | 6,866.73            | 36.34           | 30.19       | -70.80                | -82.65                            | -1,024.65  | 2,012.13             | 1,949.69              | 62.44                   | 32.223            |                    |         |
| 7,350.00               | 6,926.31            | 6,918.72            | 6,877.30            | 36.77           | 30.23       | -74.90                | -82.64                            | -1,024.73  | 1,976.71             | 1,913.99              | 62.73                   | 31.513            |                    |         |
| 7,400.00               | 6,936.35            | 6,926.53            | 6,885.11            | 37.25           | 30.26       | -79.31                | -82.65                            | -1,024.79  | 1,940.64             | 1,877.59              | 63.04                   | 30.783            |                    |         |
| 7,450.00               | 6,942.59            | 6,931.52            | 6,890.10            | 37.76           | 30.28       | -83.94                | -82.66                            | -1,024.83  | 1,904.13             | 1,840.74              | 63.39                   | 30.037            |                    |         |
| 7,500.00               | 6,944.99            | 6,933.65            | 6,892.23            | 38.31           | 30.29       | -88.70                | -82.66                            | -1,024.85  | 1,867.44             | 1,803.66              | 63.78                   | 29.279            |                    |         |
| 7,512.10               | 6,945.00            | 6,933.74            | 6,892.31            | 38.44           | 30.29       | -89.85                | -82.66                            | -1,024.85  | 1,858.56             | 1,794.68              | 63.88                   | 29.095            |                    |         |
| 7,600.00               | 6,944.19            | 6,933.72            | 6,892.29            | 39.51           | 30.29       | -89.85                | -82.66                            | -1,024.85  | 1,795.05             | 1,730.36              | 64.69                   | 27.749            |                    |         |
| 7,700.00               | 6,943.28            | 6,933.69            | 6,892.27            | 40.90           | 30.29       | -89.85                | -82.66                            | -1,024.85  | 1,725.40             | 1,659.58              | 65.83                   | 26.212            |                    |         |
| 7,800.00               | 6,942.37            | 6,933.67            | 6,892.25            | 42.44           | 30.29       | -89.85                | -82.66                            | -1,024.85  | 1,658.86             | 1,591.65              | 67.21                   | 24.680            |                    |         |
| 7,900.00               | 6,941.46            | 6,933.65            | 6,892.22            | 44.11           | 30.29       | -89.85                | -82.66                            | -1,024.85  | 1,595.82             | 1,526.95              | 68.87                   | 23.172            |                    |         |
| 8,000.00               | 6,940.55            | 6,933.62            | 6,892.20            | 45.90           | 30.29       | -89.85                | -82.66                            | -1,024.85  | 1,536.70             | 1,465.91              | 70.79                   | 21.707            |                    |         |
| 8,100.00               | 6,939.64            | 6,933.60            | 6,892.17            | 47.80           | 30.29       | -89.85                | -82.66                            | -1,024.85  | 1,481.98             | 1,408.99              | 72.99                   | 20.304            |                    |         |
| 8,200.00               | 6,938.72            | 6,933.57            | 6,892.15            | 49.79           | 30.29       | -89.85                | -82.66                            | -1,024.85  | 1,432.16             | 1,356.72              | 75.43                   | 18.986            |                    |         |
| 8,300.00               | 6,937.81            | 6,933.55            | 6,892.12            | 51.86           | 30.29       | -89.84                | -82.66                            | -1,024.85  | 1,387.76             | 1,309.66              | 78.10                   | 17.769            |                    |         |
| 8,400.00               | 6,936.90            | 6,933.52            | 6,892.10            | 54.01           | 30.29       | -89.84                | -82.66                            | -1,024.85  | 1,349.33             | 1,268.39              | 80.94                   | 16.671            |                    |         |
| 8,500.00               | 6,935.99            | 6,933.50            | 6,892.07            | 56.21           | 30.29       | -89.84                | -82.66                            | -1,024.85  | 1,317.39             | 1,233.50              | 83.89                   | 15.704            |                    |         |
| 8,600.00               | 6,935.08            | 6,933.47            | 6,892.05            | 58.47           | 30.29       | -89.84                | -82.66                            | -1,024.85  | 1,292.41             | 1,205.54              | 86.87                   | 14.877            |                    |         |
| 8,700.00               | 6,934.17            | 6,933.45            | 6,892.02            | 60.78           | 30.29       | -89.84                | -82.66                            | -1,024.85  | 1,274.81             | 1,185.00              | 89.80                   | 14.196            |                    |         |
| 8,800.00               | 6,933.25            | 6,933.42            | 6,892.00            | 63.13           | 30.29       | -89.84                | -82.66                            | -1,024.85  | 1,264.89             | 1,172.29              | 92.60                   | 13.660            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,875.94               | 6,932.56            | 6,933.40            | 6,891.98            | 64.95           | 30.29       | -89.84                | -82.66                            | -1,024.85  | 1,262.61             | 1,168.02              | 94.59                   | 13.349            |                    |         |
| 8,900.00               | 6,932.34            | 6,933.40            | 6,891.97            | 65.52           | 30.29       | -89.84                | -82.66                            | -1,024.85  | 1,262.84             | 1,167.66              | 95.18                   | 13.268            |                    |         |
| 9,000.00               | 6,931.43            | 6,933.37            | 6,891.95            | 67.95           | 30.29       | -89.84                | -82.66                            | -1,024.85  | 1,268.69             | 1,171.21              | 97.47                   | 13.016            |                    |         |
| 9,100.00               | 6,930.52            | 6,933.34            | 6,891.92            | 70.40           | 30.29       | -89.83                | -82.66                            | -1,024.85  | 1,282.33             | 1,182.89              | 99.44                   | 12.895 SF         |                    |         |
| 9,200.00               | 6,929.61            | 6,933.32            | 6,891.89            | 72.89           | 30.29       | -89.83                | -82.66                            | -1,024.85  | 1,303.53             | 1,202.48              | 101.05                  | 12.900            |                    |         |
| 9,300.00               | 6,928.69            | 6,933.29            | 6,891.87            | 75.40           | 30.29       | -89.83                | -82.66                            | -1,024.85  | 1,331.92             | 1,229.61              | 102.31                  | 13.019            |                    |         |
| 9,400.00               | 6,927.78            | 6,933.26            | 6,891.84            | 77.93           | 30.29       | -89.83                | -82.66                            | -1,024.85  | 1,367.05             | 1,263.82              | 103.22                  | 13.244            |                    |         |
| 9,500.00               | 6,926.87            | 6,933.23            | 6,891.81            | 80.48           | 30.29       | -89.83                | -82.66                            | -1,024.85  | 1,408.41             | 1,304.58              | 103.83                  | 13.565            |                    |         |
| 9,600.00               | 6,925.96            | 6,933.21            | 6,891.78            | 83.05           | 30.29       | -89.83                | -82.66                            | -1,024.85  | 1,455.49             | 1,351.32              | 104.17                  | 13.973            |                    |         |
| 9,700.00               | 6,925.05            | 6,933.18            | 6,891.76            | 85.64           | 30.29       | -89.83                | -82.66                            | -1,024.85  | 1,507.73             | 1,403.45              | 104.28                  | 14.459            |                    |         |
| 9,800.00               | 6,924.14            | 6,933.15            | 6,891.73            | 88.25           | 30.29       | -89.83                | -82.66                            | -1,024.85  | 1,564.63             | 1,460.43              | 104.20                  | 15.016            |                    |         |
| 9,900.00               | 6,923.22            | 6,933.12            | 6,891.70            | 90.86           | 30.29       | -89.82                | -82.66                            | -1,024.85  | 1,625.69             | 1,521.72              | 103.97                  | 15.636            |                    |         |
| 10,000.00              | 6,922.31            | 6,933.09            | 6,891.67            | 93.50           | 30.29       | -89.82                | -82.66                            | -1,024.85  | 1,690.47             | 1,586.84              | 103.63                  | 16.312            |                    |         |
| 10,100.00              | 6,921.40            | 6,933.06            | 6,891.64            | 96.14           | 30.29       | -89.82                | -82.66                            | -1,024.85  | 1,758.55             | 1,655.34              | 103.21                  | 17.039            |                    |         |
| 10,200.00              | 6,920.49            | 6,933.04            | 6,891.61            | 98.79           | 30.29       | -89.82                | -82.66                            | -1,024.85  | 1,829.57             | 1,726.84              | 102.72                  | 17.811            |                    |         |
| 10,300.00              | 6,919.58            | 6,933.01            | 6,891.58            | 101.45          | 30.29       | -89.82                | -82.66                            | -1,024.85  | 1,903.19             | 1,800.99              | 102.19                  | 18.623            |                    |         |
| 10,400.00              | 6,918.67            | 6,932.98            | 6,891.55            | 104.13          | 30.29       | -89.82                | -82.66                            | -1,024.85  | 1,979.12             | 1,877.48              | 101.64                  | 19.472            |                    |         |
| 10,500.00              | 6,917.75            | 6,932.95            | 6,891.52            | 106.81          | 30.29       | -89.82                | -82.66                            | -1,024.85  | 2,057.12             | 1,956.05              | 101.07                  | 20.353            |                    |         |
| 10,600.00              | 6,916.84            | 6,932.92            | 6,891.49            | 109.50          | 30.29       | -89.82                | -82.66                            | -1,024.85  | 2,136.95             | 2,036.45              | 100.50                  | 21.262            |                    |         |
| 10,700.00              | 6,915.93            | 6,932.88            | 6,891.46            | 112.19          | 30.29       | -89.81                | -82.66                            | -1,024.85  | 2,218.42             | 2,118.48              | 99.94                   | 22.198            |                    |         |
| 10,800.00              | 6,915.02            | 6,932.85            | 6,891.43            | 114.90          | 30.29       | -89.81                | -82.66                            | -1,024.85  | 2,301.34             | 2,201.97              | 99.38                   | 23.158            |                    |         |
| 10,900.00              | 6,914.11            | 6,932.82            | 6,891.40            | 117.61          | 30.29       | -89.81                | -82.66                            | -1,024.85  | 2,385.58             | 2,286.75              | 98.83                   | 24.138            |                    |         |
| 11,000.00              | 6,913.20            | 6,932.79            | 6,891.37            | 120.32          | 30.29       | -89.81                | -82.66                            | -1,024.85  | 2,470.99             | 2,372.69              | 98.30                   | 25.138            |                    |         |
| 11,100.00              | 6,912.28            | 6,932.76            | 6,891.33            | 123.04          | 30.29       | -89.81                | -82.66                            | -1,024.85  | 2,557.46             | 2,459.68              | 97.78                   | 26.154            |                    |         |
| 11,200.00              | 6,911.37            | 6,932.73            | 6,891.30            | 125.77          | 30.29       | -89.81                | -82.66                            | -1,024.85  | 2,644.89             | 2,547.60              | 97.29                   | 27.187            |                    |         |
| 11,300.00              | 6,910.46            | 6,932.69            | 6,891.27            | 128.50          | 30.29       | -89.81                | -82.66                            | -1,024.84  | 2,733.17             | 2,636.37              | 96.81                   | 28.233            |                    |         |
| 11,400.00              | 6,909.55            | 6,932.66            | 6,891.24            | 131.24          | 30.29       | -89.80                | -82.66                            | -1,024.84  | 2,822.24             | 2,725.89              | 96.35                   | 29.292            |                    |         |
| 11,500.00              | 6,908.64            | 6,932.63            | 6,891.20            | 133.98          | 30.29       | -89.80                | -82.66                            | -1,024.84  | 2,912.02             | 2,816.11              | 95.91                   | 30.363            |                    |         |
| 11,600.00              | 6,907.73            | 6,932.59            | 6,891.17            | 136.72          | 30.29       | -89.80                | -82.66                            | -1,024.84  | 3,002.45             | 2,906.96              | 95.48                   | 31.444            |                    |         |
| 11,700.00              | 6,906.81            | 6,932.56            | 6,891.14            | 139.47          | 30.29       | -89.80                | -82.66                            | -1,024.84  | 3,093.46             | 2,998.38              | 95.08                   | 32.535            |                    |         |
| 11,800.00              | 6,905.90            | 6,932.53            | 6,891.10            | 142.22          | 30.29       | -89.80                | -82.66                            | -1,024.84  | 3,185.01             | 3,090.32              | 94.69                   | 33.634            |                    |         |
| 11,900.00              | 6,904.99            | 6,932.49            | 6,891.07            | 144.97          | 30.29       | -89.80                | -82.66                            | -1,024.84  | 3,277.06             | 3,182.73              | 94.33                   | 34.742            |                    |         |
| 12,000.00              | 6,904.08            | 6,932.46            | 6,891.03            | 147.73          | 30.29       | -89.79                | -82.66                            | -1,024.84  | 3,369.56             | 3,275.58              | 93.97                   | 35.856            |                    |         |
| 12,100.00              | 6,903.17            | 6,932.42            | 6,891.00            | 150.49          | 30.29       | -89.79                | -82.66                            | -1,024.84  | 3,462.48             | 3,368.84              | 93.64                   | 36.977            |                    |         |
| 12,200.00              | 6,902.26            | 6,932.39            | 6,890.96            | 153.26          | 30.29       | -89.79                | -82.66                            | -1,024.84  | 3,555.78             | 3,462.46              | 93.32                   | 38.104            |                    |         |
| 12,300.00              | 6,901.34            | 6,932.35            | 6,890.93            | 156.02          | 30.29       | -89.79                | -82.66                            | -1,024.84  | 3,649.43             | 3,556.42              | 93.01                   | 39.237            |                    |         |
| 12,400.00              | 6,900.43            | 6,932.31            | 6,890.89            | 158.79          | 30.29       | -89.79                | -82.66                            | -1,024.84  | 3,743.42             | 3,650.70              | 92.72                   | 40.374            |                    |         |
| 12,500.00              | 6,899.52            | 6,932.28            | 6,890.85            | 161.56          | 30.29       | -89.79                | -82.66                            | -1,024.84  | 3,837.71             | 3,745.27              | 92.44                   | 41.516            |                    |         |
| 12,600.00              | 6,898.61            | 6,932.24            | 6,890.82            | 164.34          | 30.29       | -89.78                | -82.66                            | -1,024.84  | 3,932.28             | 3,840.10              | 92.17                   | 42.662            |                    |         |
| 12,700.00              | 6,897.70            | 6,932.20            | 6,890.78            | 167.11          | 30.29       | -89.78                | -82.66                            | -1,024.84  | 4,027.11             | 3,935.19              | 91.92                   | 43.811            |                    |         |
| 12,800.00              | 6,896.79            | 6,932.16            | 6,890.74            | 169.89          | 30.29       | -89.78                | -82.66                            | -1,024.84  | 4,122.19             | 4,030.51              | 91.68                   | 44.964            |                    |         |
| 12,900.00              | 6,895.87            | 6,932.12            | 6,890.70            | 172.67          | 30.29       | -89.78                | -82.66                            | -1,024.84  | 4,217.49             | 4,126.04              | 91.45                   | 46.120            |                    |         |
| 13,000.00              | 6,894.96            | 6,932.09            | 6,890.66            | 175.45          | 30.29       | -89.78                | -82.66                            | -1,024.84  | 4,313.01             | 4,221.78              | 91.23                   | 47.278            |                    |         |
| 13,100.00              | 6,894.05            | 6,932.05            | 6,890.62            | 178.23          | 30.29       | -89.78                | -82.66                            | -1,024.84  | 4,408.72             | 4,317.71              | 91.02                   | 48.439            |                    |         |
| 13,200.00              | 6,893.14            | 6,932.01            | 6,890.58            | 181.02          | 30.29       | -89.77                | -82.66                            | -1,024.84  | 4,504.63             | 4,413.81              | 90.82                   | 49.602            |                    |         |
| 13,300.00              | 6,892.23            | 6,931.97            | 6,890.54            | 183.80          | 30.29       | -89.77                | -82.66                            | -1,024.84  | 4,600.70             | 4,510.08              | 90.62                   | 50.767            |                    |         |
| 13,400.00              | 6,891.31            | 6,931.93            | 6,890.50            | 186.59          | 30.29       | -89.77                | -82.66                            | -1,024.84  | 4,696.94             | 4,606.50              | 90.44                   | 51.933            |                    |         |
| 13,500.00              | 6,890.40            | 6,931.88            | 6,890.46            | 189.38          | 30.29       | -89.77                | -82.66                            | -1,024.84  | 4,793.34             | 4,703.07              | 90.27                   | 53.101            |                    |         |
| 13,600.00              | 6,889.49            | 6,931.84            | 6,890.42            | 192.17          | 30.29       | -89.77                | -82.66                            | -1,024.84  | 4,889.88             | 4,799.78              | 90.10                   | 54.270            |                    |         |
| 13,700.00              | 6,888.58            | 6,931.80            | 6,890.38            | 194.97          | 30.28       | -89.76                | -82.66                            | -1,024.84  | 4,986.55             | 4,896.61              | 89.94                   | 55.440            |                    |         |
| 13,800.00              | 6,887.67            | 6,931.76            | 6,890.34            | 197.76          | 30.28       | -89.76                | -82.66                            | -1,024.84  | 5,083.36             | 4,993.57              | 89.79                   | 56.612            |                    |         |
| 13,900.00              | 6,886.76            | 6,931.72            | 6,890.29            | 200.56          | 30.28       | -89.76                | -82.66                            | -1,024.84  | 5,180.28             | 5,090.63              | 89.65                   | 57.783            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00              | 6,885.84            | 6,931.67            | 6,890.25            | 203.35          | 30.28       | -89.76                | -82.66                            | -1,024.84  | 5,277.33             | 5,187.81              | 89.51                   | 58.956            |                    |         |
| 14,100.00              | 6,884.93            | 6,931.63            | 6,890.20            | 206.15          | 30.28       | -89.76                | -82.66                            | -1,024.84  | 5,374.47             | 5,285.09              | 89.38                   | 60.129            |                    |         |
| 14,200.00              | 6,884.02            | 6,931.58            | 6,890.16            | 208.95          | 30.28       | -89.75                | -82.66                            | -1,024.84  | 5,471.73             | 5,382.47              | 89.26                   | 61.302            |                    |         |
| 14,300.00              | 6,883.11            | 6,931.54            | 6,890.12            | 211.75          | 30.28       | -89.75                | -82.66                            | -1,024.83  | 5,569.08             | 5,479.93              | 89.14                   | 62.475            |                    |         |
| 14,400.00              | 6,882.20            | 6,931.49            | 6,890.07            | 214.55          | 30.28       | -89.75                | -82.66                            | -1,024.83  | 5,666.52             | 5,577.49              | 89.03                   | 63.649            |                    |         |
| 14,500.00              | 6,881.29            | 6,931.45            | 6,890.02            | 217.35          | 30.28       | -89.75                | -82.66                            | -1,024.83  | 5,764.05             | 5,675.12              | 88.92                   | 64.822            |                    |         |
| 14,600.00              | 6,880.37            | 6,931.40            | 6,889.98            | 220.15          | 30.28       | -89.75                | -82.66                            | -1,024.83  | 5,861.66             | 5,772.84              | 88.82                   | 65.995            |                    |         |
| 14,700.00              | 6,879.46            | 6,931.35            | 6,889.93            | 222.95          | 30.28       | -89.74                | -82.66                            | -1,024.83  | 5,959.35             | 5,870.63              | 88.72                   | 67.168            |                    |         |
| 14,800.00              | 6,878.55            | 6,931.31            | 6,889.88            | 225.76          | 30.28       | -89.74                | -82.66                            | -1,024.83  | 6,057.12             | 5,968.48              | 88.63                   | 68.340            |                    |         |
| 14,900.00              | 6,877.64            | 6,931.26            | 6,889.83            | 228.56          | 30.28       | -89.74                | -82.66                            | -1,024.83  | 6,154.95             | 6,066.41              | 88.54                   | 69.512            |                    |         |
| 15,000.00              | 6,876.73            | 6,931.21            | 6,889.78            | 231.37          | 30.28       | -89.74                | -82.66                            | -1,024.83  | 6,252.86             | 6,164.40              | 88.46                   | 70.684            |                    |         |
| 15,100.00              | 6,875.82            | 6,931.16            | 6,889.74            | 234.18          | 30.28       | -89.74                | -82.66                            | -1,024.83  | 6,350.83             | 6,262.45              | 88.38                   | 71.854            |                    |         |
| 15,200.00              | 6,874.90            | 6,931.11            | 6,889.68            | 236.98          | 30.28       | -89.73                | -82.66                            | -1,024.83  | 6,448.87             | 6,360.56              | 88.31                   | 73.024            |                    |         |
| 15,300.00              | 6,873.99            | 6,931.06            | 6,889.63            | 239.79          | 30.28       | -89.73                | -82.66                            | -1,024.83  | 6,546.96             | 6,458.72              | 88.24                   | 74.193            |                    |         |
| 15,400.00              | 6,873.08            | 6,931.01            | 6,889.58            | 242.60          | 30.28       | -89.73                | -82.66                            | -1,024.83  | 6,645.11             | 6,556.94              | 88.18                   | 75.362            |                    |         |
| 15,500.00              | 6,872.17            | 6,930.95            | 6,889.53            | 245.41          | 30.28       | -89.73                | -82.66                            | -1,024.83  | 6,743.32             | 6,655.20              | 88.11                   | 76.529            |                    |         |
| 15,600.00              | 6,871.26            | 6,930.90            | 6,889.48            | 248.22          | 30.28       | -89.72                | -82.66                            | -1,024.83  | 6,841.58             | 6,753.52              | 88.06                   | 77.695            |                    |         |
| 15,700.00              | 6,870.35            | 6,930.85            | 6,889.42            | 251.03          | 30.28       | -89.72                | -82.66                            | -1,024.83  | 6,939.88             | 6,851.88              | 88.00                   | 78.861            |                    |         |
| 15,737.91              | 6,870.00            | 6,930.83            | 6,889.40            | 252.10          | 30.28       | -89.72                | -82.66                            | -1,024.83  | 6,977.16             | 6,889.18              | 87.98                   | 79.302            |                    |         |
| 15,738.53              | 6,869.99            | 6,930.83            | 6,889.40            | 252.11          | 30.28       | -89.72                | -82.66                            | -1,024.83  | 6,977.77             | 6,889.79              | 87.98                   | 79.309            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -79.84                | 167.60                            | -935.61    | 951.22               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 57.71               | 57.71               | 3.28            | 3.29        | -79.84                | 167.62                            | -935.72    | 950.63               | 944.06                | 6.57                    | 144.642           |                    |         |
| 200.00                 | 200.00              | 146.46              | 146.45              | 3.34            | 3.34        | -79.85                | 167.78                            | -936.73    | 951.78               | 945.10                | 6.68                    | 142.566           |                    |         |
| 300.00                 | 300.00              | 270.45              | 270.44              | 3.44            | 3.47        | -79.87                | 167.48                            | -937.73    | 952.60               | 945.69                | 6.92                    | 137.712           |                    |         |
| 400.00                 | 399.98              | 440.20              | 439.98              | 3.60            | 3.77        | -110.43               | 163.51                            | -931.57    | 949.54               | 942.12                | 7.42                    | 127.972           |                    |         |
| 500.00                 | 499.84              | 591.69              | 590.43              | 3.81            | 4.15        | -111.41               | 154.95                            | -916.25    | 940.42               | 932.37                | 8.05                    | 116.790           |                    |         |
| 550.00                 | 549.68              | 672.15              | 669.83              | 3.93            | 4.41        | -112.17               | 148.52                            | -904.97    | 934.32               | 925.88                | 8.44                    | 110.717           |                    |         |
| 600.00                 | 599.45              | 746.44              | 742.69              | 4.06            | 4.69        | -115.31               | 141.32                            | -892.36    | 927.04               | 918.22                | 8.83                    | 105.036           |                    |         |
| 700.00                 | 698.71              | 851.55              | 845.27              | 4.33            | 5.13        | -119.68               | 129.98                            | -872.48    | 912.25               | 902.81                | 9.44                    | 96.627            |                    |         |
| 800.00                 | 797.49              | 960.14              | 951.22              | 4.64            | 5.65        | -123.14               | 118.32                            | -851.75    | 899.99               | 889.86                | 10.14                   | 88.766            |                    |         |
| 900.00                 | 895.68              | 1,083.56            | 1,070.86            | 4.97            | 6.30        | -126.48               | 104.48                            | -824.77    | 887.70               | 876.73                | 10.97                   | 80.903            |                    |         |
| 1,000.00               | 993.14              | 1,177.08            | 1,161.40            | 5.33            | 6.84        | -129.10               | 94.94                             | -803.41    | 877.67               | 865.96                | 11.71                   | 74.938            |                    |         |
| 1,039.84               | 1,031.75            | 1,224.61            | 1,207.34            | 5.48            | 7.12        | -130.32               | 90.03                             | -792.24    | 874.33               | 862.26                | 12.07                   | 72.438            |                    |         |
| 1,100.00               | 1,089.94            | 1,283.03            | 1,263.62            | 5.72            | 7.47        | -131.49               | 83.48                             | -778.05    | 869.40               | 856.83                | 12.57                   | 69.172            |                    |         |
| 1,200.00               | 1,186.67            | 1,376.93            | 1,354.07            | 6.13            | 8.07        | -133.48               | 71.81                             | -755.65    | 862.50               | 849.07                | 13.43                   | 64.225            |                    |         |
| 1,300.00               | 1,283.39            | 1,463.63            | 1,437.37            | 6.55            | 8.64        | -135.41               | 59.90                             | -734.79    | 856.67               | 842.36                | 14.31                   | 59.875            |                    |         |
| 1,400.00               | 1,380.12            | 1,540.96            | 1,511.86            | 6.99            | 9.15        | -137.20               | 48.17                             | -717.64    | 854.01               | 838.82                | 15.19                   | 56.238            |                    |         |
| 1,445.37               | 1,424.00            | 1,578.86            | 1,548.32            | 7.20            | 9.40        | -138.13               | 41.74                             | -709.57    | 853.74               | 838.13                | 15.61                   | 54.677 CC         |                    |         |
| 1,500.00               | 1,476.85            | 1,622.35            | 1,590.08            | 7.45            | 9.69        | -139.23               | 33.68                             | -700.51    | 854.17               | 838.04                | 16.13                   | 52.944 ES         |                    |         |
| 1,600.00               | 1,573.57            | 1,697.86            | 1,662.32            | 7.90            | 10.21       | -141.26               | 17.49                             | -685.59    | 857.66               | 840.56                | 17.10                   | 50.165            |                    |         |
| 1,700.00               | 1,670.30            | 1,778.84            | 1,739.33            | 8.37            | 10.78       | -143.57               | -2.33                             | -670.35    | 864.46               | 846.31                | 18.14                   | 47.646            |                    |         |
| 1,800.00               | 1,767.03            | 1,855.89            | 1,812.26            | 8.85            | 11.33       | -145.83               | -22.96                            | -656.45    | 874.54               | 855.34                | 19.20                   | 45.554            |                    |         |
| 1,900.00               | 1,863.75            | 1,943.84            | 1,894.89            | 9.32            | 11.98       | -148.48               | -48.66                            | -640.74    | 887.63               | 867.25                | 20.38                   | 43.547            |                    |         |
| 2,000.00               | 1,960.48            | 2,026.55            | 1,971.56            | 9.81            | 12.64       | -151.09               | -75.46                            | -625.16    | 903.23               | 881.66                | 21.57                   | 41.869            |                    |         |
| 2,100.00               | 2,057.21            | 2,105.23            | 2,043.52            | 10.29           | 13.31       | -153.64               | -103.37                           | -609.91    | 921.98               | 899.22                | 22.76                   | 40.515            |                    |         |
| 2,200.00               | 2,153.93            | 2,198.69            | 2,128.32            | 10.78           | 14.13       | -156.67               | -137.98                           | -591.29    | 943.60               | 919.47                | 24.13                   | 39.111            |                    |         |
| 2,300.00               | 2,250.66            | 2,285.65            | 2,207.35            | 11.28           | 14.91       | -159.36               | -169.42                           | -573.21    | 966.79               | 941.38                | 25.41                   | 38.040            |                    |         |
| 2,400.00               | 2,347.39            | 2,392.38            | 2,304.74            | 11.77           | 15.89       | -162.47               | -206.86                           | -550.77    | 991.79               | 964.86                | 26.93                   | 36.828            |                    |         |
| 2,500.00               | 2,444.11            | 2,459.65            | 2,366.28            | 12.27           | 16.50       | -164.34               | -229.94                           | -536.40    | 1,018.29             | 990.35                | 27.94                   | 36.448            |                    |         |
| 2,600.00               | 2,540.84            | 2,539.08            | 2,439.15            | 12.77           | 17.22       | -166.42               | -257.46                           | -520.91    | 1,048.10             | 1,019.04              | 29.06                   | 36.066            |                    |         |
| 2,700.00               | 2,637.57            | 2,620.11            | 2,513.51            | 13.27           | 17.96       | -168.46               | -285.47                           | -505.04    | 1,079.57             | 1,049.38              | 30.19                   | 35.759            |                    |         |
| 2,800.00               | 2,734.30            | 2,686.39            | 2,573.41            | 13.78           | 18.60       | -170.16               | -310.26                           | -491.26    | 1,113.60             | 1,082.48              | 31.11                   | 35.790            |                    |         |
| 2,900.00               | 2,831.02            | 2,742.59            | 2,623.27            | 14.28           | 19.17       | -171.64               | -333.23                           | -479.27    | 1,151.03             | 1,119.16              | 31.87                   | 36.111            |                    |         |
| 3,000.00               | 2,927.75            | 2,810.86            | 2,683.01            | 14.79           | 19.89       | -173.44               | -362.84                           | -464.57    | 1,191.58             | 1,158.78              | 32.81                   | 36.323            |                    |         |
| 3,100.00               | 3,024.48            | 2,924.95            | 2,783.56            | 15.29           | 21.08       | -176.20               | -411.10                           | -440.60    | 1,233.53             | 1,199.09              | 34.43                   | 35.825            |                    |         |
| 3,200.00               | 3,121.20            | 2,998.11            | 2,849.13            | 15.80           | 21.82       | -177.76               | -440.03                           | -425.95    | 1,275.36             | 1,239.99              | 35.37                   | 36.056            |                    |         |
| 3,300.00               | 3,217.93            | 3,062.25            | 2,906.47            | 16.31           | 22.47       | -179.08               | -465.91                           | -413.45    | 1,319.16             | 1,283.01              | 36.15                   | 36.492            |                    |         |
| 3,400.00               | 3,314.66            | 3,146.42            | 2,981.52            | 16.82           | 23.32       | -179.28               | -500.64                           | -397.76    | 1,365.03             | 1,327.80              | 37.22                   | 36.670            |                    |         |
| 3,500.00               | 3,411.38            | 3,299.23            | 3,120.26            | 17.33           | 24.81       | -176.70               | -557.97                           | -369.37    | 1,409.17             | 1,369.87              | 39.30                   | 35.854            |                    |         |
| 3,600.00               | 3,508.11            | 3,389.97            | 3,203.29            | 17.84           | 25.67       | -175.29               | -589.85                           | -351.37    | 1,451.71             | 1,411.29              | 40.42                   | 35.913            |                    |         |
| 3,700.00               | 3,604.84            | 3,461.89            | 3,269.33            | 18.36           | 26.36       | -174.27               | -614.90                           | -337.84    | 1,495.13             | 1,453.86              | 41.26                   | 36.232            |                    |         |
| 3,800.00               | 3,701.56            | 3,578.42            | 3,377.09            | 18.87           | 27.43       | -172.76               | -653.76                           | -316.47    | 1,538.04             | 1,495.32              | 42.71                   | 36.007            |                    |         |
| 3,900.00               | 3,798.29            | 3,640.00            | 3,433.92            | 19.38           | 28.00       | -171.99               | -674.44                           | -304.85    | 1,581.62             | 1,538.22              | 43.39                   | 36.449            |                    |         |
| 4,000.00               | 3,895.02            | 3,700.05            | 3,489.01            | 19.89           | 28.58       | -171.24               | -695.56                           | -293.65    | 1,626.99             | 1,582.94              | 44.04                   | 36.942            |                    |         |
| 4,100.00               | 3,991.74            | 3,795.51            | 3,576.36            | 20.41           | 29.48       | -170.13               | -730.11                           | -276.70    | 1,673.96             | 1,628.77              | 45.19                   | 37.042            |                    |         |
| 4,200.00               | 4,088.47            | 3,894.62            | 3,668.03            | 20.92           | 30.39       | -169.10               | -763.85                           | -259.95    | 1,719.84             | 1,673.46              | 46.38                   | 37.084            |                    |         |
| 4,300.00               | 4,185.20            | 3,948.30            | 3,717.50            | 21.44           | 30.90       | -168.56               | -782.49                           | -250.64    | 1,766.56             | 1,719.64              | 46.92                   | 37.652            |                    |         |
| 4,400.00               | 4,281.92            | 3,999.00            | 3,763.64            | 21.95           | 31.39       | -168.03               | -801.47                           | -241.65    | 1,815.45             | 1,768.05              | 47.40                   | 38.301            |                    |         |
| 4,500.00               | 4,378.65            | 4,058.10            | 3,816.94            | 22.47           | 31.99       | -167.41               | -824.66                           | -230.94    | 1,866.01             | 1,818.00              | 48.01                   | 38.863            |                    |         |
| 4,600.00               | 4,475.38            | 4,127.26            | 3,879.01            | 22.99           | 32.70       | -166.69               | -852.38                           | -218.19    | 1,917.56             | 1,868.77              | 48.78                   | 39.308            |                    |         |
| 4,700.00               | 4,572.10            | 4,245.99            | 3,985.30            | 23.50           | 33.93       | -165.50               | -900.19                           | -195.57    | 1,969.60             | 1,919.27              | 50.33                   | 39.131            |                    |         |
| 4,800.00               | 4,668.83            | 4,335.04            | 4,065.16            | 24.02           | 34.86       | -164.62               | -934.90                           | -176.97    | 2,020.15             | 1,968.73              | 51.42                   | 39.288            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00               | 4,765.56            | 4,414.04            | 4,136.17            | 24.53           | 35.69       | 163.90                | -965.63                           | -161.03    | 2,071.16             | 2,018.81              | 52.35                   | 39.560            |                    |         |
| 5,000.00               | 4,862.28            | 4,481.12            | 4,196.07            | 25.05           | 36.41       | 163.28                | -992.22                           | -146.68    | 2,122.73             | 2,069.62              | 53.10                   | 39.972            |                    |         |
| 5,100.00               | 4,959.01            | 4,544.26            | 4,252.24            | 25.57           | 37.08       | 162.72                | -1,017.81                         | -133.40    | 2,175.38             | 2,121.59              | 53.80                   | 40.438            |                    |         |
| 5,200.00               | 5,055.74            | 4,634.38            | 4,332.61            | 26.09           | 38.05       | 161.97                | -1,054.14                         | -114.94    | 2,228.26             | 2,173.35              | 54.91                   | 40.583            |                    |         |
| 5,300.00               | 5,152.46            | 4,685.67            | 4,378.15            | 26.60           | 38.61       | 161.54                | -1,075.19                         | -104.26    | 2,281.91             | 2,226.50              | 55.41                   | 41.183            |                    |         |
| 5,400.00               | 5,249.19            | 4,894.99            | 4,564.20            | 27.12           | 40.89       | 159.89                | -1,159.22                         | -58.20     | 2,335.85             | 2,277.51              | 58.34                   | 40.039            |                    |         |
| 5,500.00               | 5,345.92            | 4,984.39            | 4,645.14            | 27.64           | 41.81       | 159.27                | -1,191.79                         | -38.72     | 2,385.86             | 2,326.45              | 59.42                   | 40.155            |                    |         |
| 5,600.00               | 5,442.65            | 5,048.69            | 4,703.55            | 28.16           | 42.46       | 158.87                | -1,215.22                         | -25.53     | 2,436.35             | 2,376.23              | 60.12                   | 40.525            |                    |         |
| 5,700.00               | 5,539.37            | 5,101.02            | 4,751.11            | 28.68           | 42.99       | 158.56                | -1,234.57                         | -15.41     | 2,487.75             | 2,427.10              | 60.65                   | 41.017            |                    |         |
| 5,800.00               | 5,636.10            | 5,157.00            | 4,801.51            | 29.20           | 43.57       | 158.22                | -1,256.24                         | -4.32      | 2,540.53             | 2,479.30              | 61.23                   | 41.493            |                    |         |
| 5,900.00               | 5,732.83            | 5,272.08            | 5,340.80            | 29.71           | 48.13       | 156.32                | -1,411.98                         | 82.34      | 2,580.33             | 2,512.56              | 67.77                   | 38.073            |                    |         |
| 6,000.00               | 5,829.55            | 6,000.00            | 5,532.80            | 30.23           | 49.50       | 156.27                | -1,441.00                         | 96.53      | 2,615.77             | 2,546.03              | 69.74                   | 37.505            |                    |         |
| 6,100.00               | 5,926.28            | 6,181.20            | 5,790.96            | 30.75           | 50.15       | 156.49                | -1,462.63                         | 107.51     | 2,645.63             | 2,574.45              | 71.18                   | 37.167            |                    |         |
| 6,200.00               | 6,023.01            | 6,358.64            | 5,968.32            | 31.27           | 50.64       | 156.81                | -1,467.04                         | 109.94     | 2,670.82             | 2,598.50              | 72.31                   | 36.934            |                    |         |
| 6,300.00               | 6,119.73            | 6,500.24            | 6,109.90            | 31.79           | 50.95       | 157.13                | -1,466.61                         | 109.30     | 2,694.13             | 2,620.90              | 73.23                   | 36.790            |                    |         |
| 6,397.75               | 6,214.28            | 6,622.60            | 6,232.22            | 32.30           | 51.15       | 157.46                | -1,463.88                         | 106.90     | 2,715.64             | 2,641.60              | 74.04                   | 36.678            |                    |         |
| 6,400.00               | 6,216.46            | 6,625.27            | 6,234.88            | 32.31           | 51.16       | 158.10                | -1,463.81                         | 106.83     | 2,716.13             | 2,642.07              | 74.06                   | 36.676            |                    |         |
| 6,450.00               | 6,265.12            | 6,684.84            | 6,294.39            | 32.56           | 51.25       | 175.17                | -1,461.88                         | 105.15     | 2,726.14             | 2,651.69              | 74.44                   | 36.621            |                    |         |
| 6,500.00               | 6,314.12            | 6,719.39            | 6,328.91            | 32.78           | 51.31       | -162.61               | -1,460.79                         | 104.02     | 2,734.95             | 2,660.21              | 74.73                   | 36.597            |                    |         |
| 6,550.00               | 6,363.16            | 6,758.23            | 6,367.71            | 32.99           | 51.37       | -139.75               | -1,459.66                         | 102.62     | 2,742.60             | 2,667.60              | 75.00                   | 36.569            |                    |         |
| 6,600.00               | 6,411.94            | 6,785.66            | 6,395.11            | 33.18           | 51.42       | -121.72               | -1,459.02                         | 101.66     | 2,749.16             | 2,673.95              | 75.21                   | 36.554            |                    |         |
| 6,650.00               | 6,460.15            | 6,811.49            | 6,420.93            | 33.35           | 51.47       | -109.39               | -1,458.72                         | 100.95     | 2,754.73             | 2,679.35              | 75.38                   | 36.544            |                    |         |
| 6,700.00               | 6,507.49            | 6,853.00            | 6,462.43            | 33.52           | 51.55       | -101.27               | -1,458.82                         | 100.25     | 2,759.40             | 2,683.83              | 75.58                   | 36.512            |                    |         |
| 6,750.00               | 6,553.69            | 6,879.37            | 6,488.81            | 33.69           | 51.61       | -95.71                | -1,459.06                         | 99.93      | 2,762.86             | 2,687.15              | 75.70                   | 36.496            |                    |         |
| 6,800.00               | 6,598.44            | 6,956.33            | 6,565.75            | 33.85           | 51.78       | -92.32                | -1,459.04                         | 98.67      | 2,764.76             | 2,688.78              | 75.98                   | 36.388            |                    |         |
| 6,850.00               | 6,641.47            | 6,973.46            | 6,582.88            | 34.02           | 51.82       | -89.57                | -1,459.10                         | 98.37      | 2,765.45             | 2,689.40              | 76.05                   | 36.363            |                    |         |
| 6,900.00               | 6,682.53            | 6,998.08            | 6,607.50            | 34.19           | 51.87       | -87.68                | -1,459.25                         | 97.94      | 2,765.23             | 2,689.10              | 76.13                   | 36.320            |                    |         |
| 6,950.00               | 6,721.35            | 7,030.00            | 6,639.41            | 34.38           | 51.94       | -86.50                | -1,459.70                         | 97.40      | 2,764.18             | 2,687.94              | 76.24                   | 36.256            |                    |         |
| 7,000.00               | 6,757.70            | 7,043.89            | 6,653.29            | 34.57           | 51.98       | -85.52                | -1,459.98                         | 97.20      | 2,762.30             | 2,686.01              | 76.29                   | 36.207            |                    |         |
| 7,050.00               | 6,791.35            | 7,065.03            | 6,674.43            | 34.79           | 52.04       | -85.00                | -1,460.51                         | 97.00      | 2,759.72             | 2,683.34              | 76.38                   | 36.131            |                    |         |
| 7,100.00               | 6,822.10            | 7,084.08            | 6,693.47            | 35.03           | 52.09       | -84.73                | -1,461.10                         | 96.93      | 2,756.50             | 2,680.02              | 76.48                   | 36.042            |                    |         |
| 7,150.00               | 6,849.75            | 7,100.96            | 6,710.33            | 35.30           | 52.14       | -84.66                | -1,461.71                         | 96.95      | 2,752.71             | 2,676.12              | 76.60                   | 35.938            |                    |         |
| 7,200.00               | 6,874.14            | 7,121.00            | 6,730.36            | 35.61           | 52.19       | -84.84                | -1,462.54                         | 97.08      | 2,748.47             | 2,671.71              | 76.76                   | 35.808            |                    |         |
| 7,250.00               | 6,895.11            | 7,150.56            | 6,759.89            | 35.95           | 52.28       | -85.37                | -1,463.73                         | 97.21      | 2,743.76             | 2,666.76              | 76.99                   | 35.636            |                    |         |
| 7,300.00               | 6,912.54            | 7,197.01            | 6,806.32            | 36.34           | 52.41       | -86.40                | -1,465.11                         | 96.84      | 2,738.52             | 2,661.18              | 77.34                   | 35.407            |                    |         |
| 7,350.00               | 6,926.31            | 7,350.00            | 6,800.30            | 36.77           | 52.84       | -86.50                | -1,464.79                         | 96.72      | 2,732.90             | 2,654.91              | 77.99                   | 35.040            |                    |         |
| 7,400.00               | 6,936.35            | 7,249.85            | 6,859.14            | 37.25           | 52.54       | -88.03                | -1,466.02                         | 95.69      | 2,727.16             | 2,649.19              | 77.97                   | 34.977            |                    |         |
| 7,450.00               | 6,942.59            | 7,264.66            | 6,873.95            | 37.76           | 52.57       | -88.74                | -1,466.18                         | 95.27      | 2,721.34             | 2,643.05              | 78.29                   | 34.760            |                    |         |
| 7,500.00               | 6,944.99            | 7,272.36            | 6,881.64            | 38.31           | 52.59       | -89.38                | -1,466.24                         | 95.04      | 2,715.56             | 2,636.95              | 78.61                   | 34.544            |                    |         |
| 7,512.10               | 6,945.00            | 7,273.11            | 6,882.39            | 38.44           | 52.59       | -89.52                | -1,466.25                         | 95.02      | 2,714.18             | 2,635.49              | 78.69                   | 34.492            |                    |         |
| 7,600.00               | 6,944.19            | 7,277.04            | 6,886.31            | 39.51           | 52.60       | -89.60                | -1,466.27                         | 94.90      | 2,705.58             | 2,626.25              | 79.32                   | 34.108            |                    |         |
| 7,700.00               | 6,943.28            | 7,281.80            | 6,891.07            | 40.90           | 52.61       | -89.70                | -1,466.30                         | 94.75      | 2,699.23             | 2,619.04              | 80.19                   | 33.660            |                    |         |
| 7,800.00               | 6,942.37            | 7,800.00            | 6,949.62            | 42.44           | 53.58       | -90.94                | -1,465.75                         | 92.15      | 2,696.26             | 2,613.75              | 82.51                   | 32.678            |                    |         |
| 7,823.54               | 6,942.16            | 7,823.54            | 6,950.53            | 42.83           | 53.62       | -90.96                | -1,465.74                         | 92.11      | 2,696.16             | 2,613.32              | 82.83                   | 32.549            |                    |         |
| 7,900.00               | 6,941.46            | 7,900.00            | 6,953.48            | 44.11           | 53.76       | -91.03                | -1,465.69                         | 91.96      | 2,697.24             | 2,613.35              | 83.89                   | 32.151            |                    |         |
| 8,000.00               | 6,940.55            | 8,000.00            | 6,957.34            | 45.90           | 53.95       | -91.11                | -1,465.64                         | 91.78      | 2,701.92             | 2,616.53              | 85.38                   | 31.644            |                    |         |
| 8,100.00               | 6,939.64            | 8,100.00            | 6,961.20            | 47.80           | 54.14       | -91.19                | -1,465.58                         | 91.59      | 2,710.27             | 2,623.31              | 86.96                   | 31.166            |                    |         |
| 8,200.00               | 6,938.72            | 8,200.00            | 6,965.06            | 49.79           | 54.33       | -91.27                | -1,465.53                         | 91.40      | 2,722.27             | 2,633.66              | 88.61                   | 30.720            |                    |         |
| 8,300.00               | 6,937.81            | 8,300.00            | 6,968.92            | 51.86           | 54.51       | -91.36                | -1,465.47                         | 91.21      | 2,737.87             | 2,647.55              | 90.32                   | 30.312            |                    |         |
| 8,400.00               | 6,936.90            | 8,400.00            | 6,972.78            | 54.01           | 54.70       | -91.44                | -1,465.41                         | 91.03      | 2,757.00             | 2,664.93              | 92.07                   | 29.944 SF         |                    |         |
| 8,500.00               | 6,935.99            | 7,405.11            | 7,014.21            | 56.21           | 52.84       | -92.32                | -1,464.53                         | 88.88      | 2,779.55             | 2,689.02              | 90.53                   | 30.703            |                    |         |
| 8,600.00               | 6,935.08            | 7,407.00            | 7,016.10            | 58.47           | 52.85       | -92.36                | -1,464.48                         | 88.78      | 2,805.47             | 2,713.48              | 91.98                   | 30.500            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,700.00               | 6,934.17            | 7,408.78            | 7,017.87            | 60.78           | 52.85       | -92.40                | -1,464.43                         | 88.69      | 2,834.68             | 2,741.24              | 93.44                   | 30.337            |                    |         |
| 8,800.00               | 6,933.25            | 7,410.45            | 7,019.55            | 63.13           | 52.85       | -92.43                | -1,464.38                         | 88.62      | 2,867.08             | 2,772.18              | 94.90                   | 30.213            |                    |         |
| 8,900.00               | 6,932.34            | 7,412.03            | 7,021.13            | 65.52           | 52.86       | -92.47                | -1,464.34                         | 88.54      | 2,902.56             | 2,806.22              | 96.34                   | 30.128            |                    |         |
| 9,000.00               | 6,931.43            | 7,413.53            | 7,022.62            | 67.95           | 52.86       | -92.50                | -1,464.30                         | 88.48      | 2,941.02             | 2,843.25              | 97.77                   | 30.081            |                    |         |
| 9,100.00               | 6,930.52            | 7,414.94            | 7,024.03            | 70.40           | 52.86       | -92.53                | -1,464.26                         | 88.41      | 2,982.33             | 2,883.15              | 99.18                   | 30.071            |                    |         |
| 9,200.00               | 6,929.61            | 7,416.28            | 7,025.37            | 72.89           | 52.86       | -92.56                | -1,464.23                         | 88.35      | 3,026.38             | 2,925.82              | 100.56                  | 30.096            |                    |         |
| 9,300.00               | 6,928.69            | 7,417.56            | 7,026.64            | 75.40           | 52.87       | -92.58                | -1,464.19                         | 88.30      | 3,073.05             | 2,971.15              | 101.91                  | 30.155            |                    |         |
| 9,400.00               | 6,927.78            | 7,418.77            | 7,027.85            | 77.93           | 52.87       | -92.61                | -1,464.16                         | 88.25      | 3,122.23             | 3,019.01              | 103.22                  | 30.247            |                    |         |
| 9,500.00               | 6,926.87            | 7,419.92            | 7,029.00            | 80.48           | 52.87       | -92.63                | -1,464.13                         | 88.20      | 3,173.80             | 3,069.30              | 104.50                  | 30.370            |                    |         |
| 9,600.00               | 6,925.96            | 7,421.02            | 7,030.10            | 83.05           | 52.87       | -92.66                | -1,464.10                         | 88.16      | 3,227.64             | 3,121.90              | 105.74                  | 30.524            |                    |         |
| 9,700.00               | 6,925.05            | 7,422.06            | 7,031.15            | 85.64           | 52.87       | -92.68                | -1,464.08                         | 88.12      | 3,283.65             | 3,176.71              | 106.94                  | 30.705            |                    |         |
| 9,800.00               | 6,924.14            | 7,423.06            | 7,032.15            | 88.25           | 52.88       | -92.70                | -1,464.05                         | 88.08      | 3,341.71             | 3,233.61              | 108.10                  | 30.914            |                    |         |
| 9,900.00               | 6,923.22            | 7,424.02            | 7,033.10            | 90.86           | 52.88       | -92.72                | -1,464.03                         | 88.04      | 3,401.71             | 3,292.50              | 109.21                  | 31.149            |                    |         |
| 10,000.00              | 6,922.31            | 7,424.94            | 7,034.01            | 93.50           | 52.88       | -92.74                | -1,464.01                         | 88.01      | 3,463.57             | 3,353.29              | 110.28                  | 31.407            |                    |         |
| 10,100.00              | 6,921.40            | 7,425.81            | 7,034.89            | 96.14           | 52.88       | -92.76                | -1,463.99                         | 87.97      | 3,527.17             | 3,415.87              | 111.30                  | 31.690            |                    |         |
| 10,200.00              | 6,920.49            | 7,426.65            | 7,035.73            | 98.79           | 52.88       | -92.78                | -1,463.97                         | 87.94      | 3,592.43             | 3,480.14              | 112.29                  | 31.994            |                    |         |
| 10,300.00              | 6,919.58            | 7,427.46            | 7,036.54            | 101.45          | 52.88       | -92.79                | -1,463.95                         | 87.92      | 3,659.26             | 3,546.04              | 113.23                  | 32.318            |                    |         |
| 10,400.00              | 6,918.67            | 7,428.23            | 7,037.31            | 104.13          | 52.89       | -92.81                | -1,463.93                         | 87.89      | 3,727.57             | 3,613.45              | 114.12                  | 32.663            |                    |         |
| 10,500.00              | 6,917.75            | 7,428.98            | 7,038.05            | 106.81          | 52.89       | -92.83                | -1,463.91                         | 87.86      | 3,797.29             | 3,682.31              | 114.98                  | 33.026            |                    |         |
| 10,600.00              | 6,916.84            | 7,429.69            | 7,038.77            | 109.50          | 52.89       | -92.84                | -1,463.89                         | 87.84      | 3,868.34             | 3,752.54              | 115.80                  | 33.406            |                    |         |
| 10,700.00              | 6,915.93            | 7,430.38            | 7,039.46            | 112.19          | 52.89       | -92.86                | -1,463.88                         | 87.81      | 3,940.64             | 3,824.07              | 116.58                  | 33.803            |                    |         |
| 10,800.00              | 6,915.02            | 7,431.05            | 7,040.12            | 114.90          | 52.89       | -92.87                | -1,463.86                         | 87.79      | 4,014.13             | 3,896.82              | 117.32                  | 34.216            |                    |         |
| 10,900.00              | 6,914.11            | 7,431.69            | 7,040.76            | 117.61          | 52.89       | -92.88                | -1,463.85                         | 87.77      | 4,088.75             | 3,970.73              | 118.02                  | 34.643            |                    |         |
| 11,000.00              | 6,913.20            | 7,432.31            | 7,041.38            | 120.32          | 52.89       | -92.90                | -1,463.83                         | 87.75      | 4,164.43             | 4,045.74              | 118.70                  | 35.085            |                    |         |
| 11,100.00              | 6,912.28            | 7,432.90            | 7,041.97            | 123.04          | 52.90       | -92.91                | -1,463.82                         | 87.73      | 4,241.12             | 4,121.78              | 119.34                  | 35.539            |                    |         |
| 11,200.00              | 6,911.37            | 7,433.48            | 7,042.55            | 125.77          | 52.90       | -92.92                | -1,463.81                         | 87.71      | 4,318.76             | 4,198.82              | 119.94                  | 36.006            |                    |         |
| 11,300.00              | 6,910.46            | 7,434.03            | 7,043.10            | 128.50          | 52.90       | -92.93                | -1,463.79                         | 87.70      | 4,397.31             | 4,276.78              | 120.52                  | 36.485            |                    |         |
| 11,400.00              | 6,909.55            | 7,434.57            | 7,043.64            | 131.24          | 52.90       | -92.94                | -1,463.78                         | 87.68      | 4,476.71             | 4,355.63              | 121.08                  | 36.974            |                    |         |
| 11,500.00              | 6,908.64            | 7,435.09            | 7,044.16            | 133.98          | 52.90       | -92.95                | -1,463.77                         | 87.66      | 4,556.92             | 4,435.32              | 121.60                  | 37.475            |                    |         |
| 11,600.00              | 6,907.73            | 7,435.59            | 7,044.66            | 136.72          | 52.90       | -92.97                | -1,463.76                         | 87.65      | 4,637.90             | 4,515.80              | 122.10                  | 37.985            |                    |         |
| 11,700.00              | 6,906.81            | 7,436.08            | 7,045.15            | 139.47          | 52.90       | -92.98                | -1,463.75                         | 87.63      | 4,719.60             | 4,597.03              | 122.57                  | 38.504            |                    |         |
| 11,800.00              | 6,905.90            | 7,436.56            | 7,045.62            | 142.22          | 52.90       | -92.99                | -1,463.74                         | 87.62      | 4,802.00             | 4,678.98              | 123.03                  | 39.032            |                    |         |
| 11,900.00              | 6,904.99            | 7,437.01            | 7,046.08            | 144.97          | 52.90       | -93.00                | -1,463.73                         | 87.61      | 4,885.06             | 4,761.60              | 123.46                  | 39.569            |                    |         |
| 12,000.00              | 6,904.08            | 7,437.46            | 7,046.53            | 147.73          | 52.90       | -93.01                | -1,463.72                         | 87.59      | 4,968.74             | 4,844.88              | 123.87                  | 40.113            |                    |         |
| 12,100.00              | 6,903.17            | 7,437.89            | 7,046.96            | 150.49          | 52.90       | -93.01                | -1,463.71                         | 87.58      | 5,053.02             | 4,928.76              | 124.26                  | 40.665            |                    |         |
| 12,200.00              | 6,902.26            | 7,438.31            | 7,047.38            | 153.26          | 52.91       | -93.02                | -1,463.70                         | 87.57      | 5,137.86             | 5,013.22              | 124.63                  | 41.224            |                    |         |
| 12,300.00              | 6,901.34            | 7,438.71            | 7,047.78            | 156.02          | 52.91       | -93.03                | -1,463.69                         | 87.56      | 5,223.23             | 5,098.24              | 124.99                  | 41.789            |                    |         |
| 12,400.00              | 6,900.43            | 7,439.11            | 7,048.18            | 158.79          | 52.91       | -93.04                | -1,463.68                         | 87.55      | 5,309.12             | 5,183.79              | 125.33                  | 42.361            |                    |         |
| 12,500.00              | 6,899.52            | 7,439.49            | 7,048.56            | 161.56          | 52.91       | -93.05                | -1,463.67                         | 87.53      | 5,395.49             | 5,269.84              | 125.65                  | 42.939            |                    |         |
| 12,600.00              | 6,898.61            | 7,439.87            | 7,048.93            | 164.34          | 52.91       | -93.06                | -1,463.67                         | 87.52      | 5,482.33             | 5,356.36              | 125.97                  | 43.523            |                    |         |
| 12,700.00              | 6,897.70            | 7,440.23            | 7,049.30            | 167.11          | 52.91       | -93.06                | -1,463.66                         | 87.51      | 5,569.60             | 5,443.34              | 126.26                  | 44.112            |                    |         |
| 12,800.00              | 6,896.79            | 7,440.58            | 7,049.65            | 169.89          | 52.91       | -93.07                | -1,463.65                         | 87.51      | 5,657.30             | 5,530.75              | 126.55                  | 44.706            |                    |         |
| 12,900.00              | 6,895.87            | 7,440.93            | 7,049.99            | 172.67          | 52.91       | -93.08                | -1,463.64                         | 87.50      | 5,745.40             | 5,618.58              | 126.82                  | 45.305            |                    |         |
| 13,000.00              | 6,894.96            | 7,474.00            | 7,083.06            | 175.45          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 5,834.34             | 5,707.24              | 127.10                  | 45.903            |                    |         |
| 13,100.00              | 6,894.05            | 7,474.00            | 7,083.06            | 178.23          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 5,923.18             | 5,795.83              | 127.35                  | 46.511            |                    |         |
| 13,200.00              | 6,893.14            | 7,474.00            | 7,083.06            | 181.02          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 6,012.37             | 5,884.78              | 127.59                  | 47.123            |                    |         |
| 13,300.00              | 6,892.23            | 7,474.00            | 7,083.06            | 183.80          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 6,101.89             | 5,974.07              | 127.82                  | 47.739            |                    |         |
| 13,400.00              | 6,891.31            | 7,474.00            | 7,083.06            | 186.59          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 6,191.74             | 6,063.70              | 128.04                  | 48.358            |                    |         |
| 13,500.00              | 6,890.40            | 7,474.00            | 7,083.06            | 189.38          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 6,281.89             | 6,153.64              | 128.25                  | 48.981            |                    |         |
| 13,600.00              | 6,889.49            | 7,474.00            | 7,083.06            | 192.17          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 6,372.34             | 6,243.88              | 128.46                  | 49.607            |                    |         |
| 13,700.00              | 6,888.58            | 7,474.00            | 7,083.06            | 194.97          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 6,463.07             | 6,334.41              | 128.65                  | 50.237            |                    |         |
| 13,800.00              | 6,887.67            | 7,474.00            | 7,083.06            | 197.76          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 6,554.06             | 6,425.22              | 128.84                  | 50.870            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 13,900.00              | 6,886.76            | 7,474.00            | 7,083.06            | 200.56          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 6,645.32             | 6,516.30              | 129.02                  | 51.505            |                    |         |
| 14,000.00              | 6,885.84            | 7,474.00            | 7,083.06            | 203.35          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 6,736.82             | 6,607.63              | 129.20                  | 52.144            |                    |         |
| 14,100.00              | 6,884.93            | 7,474.00            | 7,083.06            | 206.15          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 6,828.57             | 6,699.20              | 129.37                  | 52.785            |                    |         |
| 14,200.00              | 6,884.02            | 7,474.00            | 7,083.06            | 208.95          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 6,920.54             | 6,791.01              | 129.53                  | 53.428            |                    |         |
| 14,300.00              | 6,883.11            | 7,474.00            | 7,083.06            | 211.75          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 7,012.73             | 6,883.04              | 129.69                  | 54.074            |                    |         |
| 14,400.00              | 6,882.20            | 7,474.00            | 7,083.06            | 214.55          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 7,105.13             | 6,975.29              | 129.84                  | 54.722            |                    |         |
| 14,500.00              | 6,881.29            | 7,474.00            | 7,083.06            | 217.35          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 7,197.74             | 7,067.75              | 129.99                  | 55.372            |                    |         |
| 14,600.00              | 6,880.37            | 7,474.00            | 7,083.06            | 220.15          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 7,290.54             | 7,160.41              | 130.13                  | 56.024            |                    |         |
| 14,700.00              | 6,879.46            | 7,474.00            | 7,083.06            | 222.95          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 7,383.53             | 7,253.26              | 130.27                  | 56.679            |                    |         |
| 14,800.00              | 6,878.55            | 7,474.00            | 7,083.06            | 225.76          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 7,476.70             | 7,346.30              | 130.40                  | 57.335            |                    |         |
| 14,900.00              | 6,877.64            | 7,474.00            | 7,083.06            | 228.56          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 7,570.05             | 7,439.51              | 130.53                  | 57.992            |                    |         |
| 15,000.00              | 6,876.73            | 7,474.00            | 7,083.06            | 231.37          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 7,663.56             | 7,532.90              | 130.66                  | 58.652            |                    |         |
| 15,100.00              | 6,875.82            | 7,474.00            | 7,083.06            | 234.18          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 7,757.23             | 7,626.45              | 130.78                  | 59.313            |                    |         |
| 15,200.00              | 6,874.90            | 7,474.00            | 7,083.06            | 236.98          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 7,851.06             | 7,720.16              | 130.90                  | 59.975            |                    |         |
| 15,300.00              | 6,873.99            | 7,474.00            | 7,083.06            | 239.79          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 7,945.04             | 7,814.02              | 131.02                  | 60.639            |                    |         |
| 15,400.00              | 6,873.08            | 7,474.00            | 7,083.06            | 242.60          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 8,039.17             | 7,908.03              | 131.14                  | 61.304            |                    |         |
| 15,500.00              | 6,872.17            | 7,474.00            | 7,083.06            | 245.41          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 8,133.44             | 8,002.19              | 131.25                  | 61.971            |                    |         |
| 15,600.00              | 6,871.26            | 7,474.00            | 7,083.06            | 248.22          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 8,227.84             | 8,096.48              | 131.35                  | 62.639            |                    |         |
| 15,700.00              | 6,870.35            | 7,474.00            | 7,083.06            | 251.03          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 8,322.37             | 8,190.91              | 131.46                  | 63.307            |                    |         |
| 15,737.91              | 6,870.00            | 7,474.00            | 7,083.06            | 252.10          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 8,358.24             | 8,226.74              | 131.50                  | 63.561            |                    |         |
| 15,738.53              | 6,869.99            | 7,474.00            | 7,083.06            | 252.11          | 52.97       | -93.78                | -1,463.04                         | 86.97      | 8,358.82             | 8,227.32              | 131.50                  | 63.565            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -78.16                | 198.20                            | -945.35    | 966.61               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 60.78               | 60.78               | 3.28            | 3.29        | -78.16                | 198.24                            | -945.39    | 965.96               | 959.38                | 6.57                    | 146.960           | CC, ES             |         |
| 200.00                 | 200.00              | 156.06              | 156.06              | 3.34            | 3.34        | -78.14                | 198.61                            | -945.78    | 966.43               | 959.75                | 6.68                    | 144.648           |                    |         |
| 300.00                 | 300.00              | 253.29              | 253.28              | 3.44            | 3.45        | -78.11                | 199.34                            | -946.48    | 967.29               | 960.40                | 6.90                    | 140.231           |                    |         |
| 400.00                 | 399.98              | 349.75              | 349.73              | 3.60            | 3.61        | -108.27               | 200.25                            | -947.49    | 969.05               | 961.84                | 7.21                    | 134.392           |                    |         |
| 500.00                 | 499.84              | 453.77              | 453.74              | 3.81            | 3.82        | -108.47               | 201.25                            | -948.46    | 971.82               | 964.20                | 7.62                    | 127.476           |                    |         |
| 550.00                 | 549.68              | 503.65              | 503.62              | 3.93            | 3.94        | -108.64               | 201.66                            | -948.86    | 973.54               | 965.69                | 7.86                    | 123.928           |                    |         |
| 600.00                 | 599.45              | 552.93              | 552.89              | 4.06            | 4.06        | -111.14               | 202.01                            | -949.26    | 975.66               | 967.55                | 8.10                    | 120.397           |                    |         |
| 700.00                 | 698.71              | 651.64              | 651.60              | 4.33            | 4.33        | -114.52               | 202.87                            | -950.14    | 981.47               | 972.83                | 8.65                    | 113.519           |                    |         |
| 800.00                 | 797.49              | 749.37              | 749.32              | 4.64            | 4.61        | -116.94               | 202.68                            | -951.18    | 989.33               | 980.10                | 9.24                    | 107.117           |                    |         |
| 900.00                 | 895.68              | 848.53              | 848.46              | 4.97            | 4.92        | -118.97               | 201.33                            | -952.55    | 999.51               | 989.64                | 9.87                    | 101.245           |                    |         |
| 1,000.00               | 993.14              | 952.23              | 952.10              | 5.33            | 5.25        | -120.93               | 198.13                            | -953.61    | 1,011.48             | 1,000.92              | 10.56                   | 95.768            |                    |         |
| 1,039.84               | 1,031.75            | 990.82              | 990.62              | 5.48            | 5.38        | -121.71               | 195.67                            | -954.07    | 1,016.87             | 1,006.03              | 10.84                   | 93.811            |                    |         |
| 1,100.00               | 1,089.94            | 1,047.37            | 1,047.03            | 5.72            | 5.57        | -122.61               | 191.79                            | -954.77    | 1,025.49             | 1,014.23              | 11.26                   | 91.064            |                    |         |
| 1,200.00               | 1,186.67            | 1,132.18            | 1,131.60            | 6.13            | 5.87        | -123.96               | 185.64                            | -956.21    | 1,040.82             | 1,028.87              | 11.95                   | 87.079            |                    |         |
| 1,300.00               | 1,283.39            | 1,211.30            | 1,210.36            | 6.55            | 6.16        | -125.26               | 178.58                            | -958.63    | 1,058.11             | 1,045.47              | 12.65                   | 83.675            |                    |         |
| 1,400.00               | 1,380.12            | 1,288.59            | 1,287.04            | 6.99            | 6.46        | -126.62               | 169.59                            | -962.26    | 1,077.67             | 1,064.32              | 13.35                   | 80.734            |                    |         |
| 1,500.00               | 1,476.85            | 1,382.95            | 1,380.24            | 7.45            | 6.85        | -128.35               | 155.91                            | -967.71    | 1,099.19             | 1,085.04              | 14.15                   | 77.698            |                    |         |
| 1,600.00               | 1,573.57            | 1,506.66            | 1,502.08            | 7.90            | 7.39        | -130.69               | 135.06                            | -972.39    | 1,119.99             | 1,104.87              | 15.12                   | 74.096            |                    |         |
| 1,700.00               | 1,670.30            | 1,586.24            | 1,580.23            | 8.37            | 7.75        | -132.21               | 120.21                            | -974.45    | 1,140.89             | 1,125.00              | 15.89                   | 71.800            |                    |         |
| 1,800.00               | 1,767.03            | 1,667.82            | 1,659.93            | 8.85            | 8.15        | -133.81               | 102.98                            | -977.19    | 1,163.85             | 1,147.16              | 16.69                   | 69.732            |                    |         |
| 1,900.00               | 1,863.75            | 1,791.27            | 1,779.64            | 9.32            | 8.79        | -136.34               | 72.99                             | -979.71    | 1,187.35             | 1,169.59              | 17.77                   | 66.833            |                    |         |
| 2,000.00               | 1,960.48            | 1,889.45            | 1,874.14            | 9.81            | 9.33        | -138.42               | 46.40                             | -979.07    | 1,210.19             | 1,191.46              | 18.73                   | 64.629            |                    |         |
| 2,100.00               | 2,057.21            | 1,973.13            | 1,954.08            | 10.29           | 9.82        | -140.22               | 21.70                             | -977.87    | 1,234.28             | 1,214.66              | 19.61                   | 62.929            |                    |         |
| 2,200.00               | 2,153.93            | 2,046.11            | 2,023.18            | 10.78           | 10.28       | -141.83               | -1.75                             | -976.91    | 1,260.55             | 1,240.11              | 20.44                   | 61.677            |                    |         |
| 2,300.00               | 2,250.66            | 2,114.52            | 2,087.29            | 11.28           | 10.74       | -143.37               | -25.60                            | -976.28    | 1,289.41             | 1,268.17              | 21.24                   | 60.710            |                    |         |
| 2,400.00               | 2,347.39            | 2,167.65            | 2,136.59            | 11.77           | 11.12       | -144.59               | -45.41                            | -976.22    | 1,321.27             | 1,299.36              | 21.90                   | 60.324            |                    |         |
| 2,500.00               | 2,444.11            | 2,222.00            | 2,186.54            | 12.27           | 11.51       | -145.83               | -66.79                            | -977.38    | 1,356.90             | 1,334.35              | 22.55                   | 60.160            |                    |         |
| 2,600.00               | 2,540.84            | 2,276.78            | 2,236.46            | 12.77           | 11.94       | -147.08               | -89.27                            | -979.28    | 1,395.67             | 1,372.47              | 23.20                   | 60.153            |                    |         |
| 2,700.00               | 2,637.57            | 2,352.55            | 2,305.07            | 13.27           | 12.55       | -148.78               | -121.32                           | -982.03    | 1,436.65             | 1,412.60              | 24.05                   | 59.725            |                    |         |
| 2,800.00               | 2,734.30            | 2,425.70            | 2,371.16            | 13.78           | 13.16       | -150.36               | -152.56                           | -984.42    | 1,478.98             | 1,454.11              | 24.88                   | 59.453            |                    |         |
| 2,900.00               | 2,831.02            | 2,487.00            | 2,426.54            | 14.28           | 13.68       | -151.63               | -178.70                           | -987.21    | 1,523.50             | 1,497.94              | 25.56                   | 59.606            |                    |         |
| 3,000.00               | 2,927.75            | 2,555.97            | 2,488.84            | 14.79           | 14.28       | -152.99               | -208.03                           | -991.06    | 1,569.89             | 1,543.57              | 26.32                   | 59.647            |                    |         |
| 3,100.00               | 3,024.48            | 2,627.53            | 2,553.47            | 15.29           | 14.90       | -154.33               | -238.45                           | -995.36    | 1,617.65             | 1,590.54              | 27.10                   | 59.686            |                    |         |
| 3,200.00               | 3,121.20            | 2,692.69            | 2,612.26            | 15.80           | 15.48       | -155.50               | -266.23                           | -999.59    | 1,666.78             | 1,638.97              | 27.80                   | 59.946            |                    |         |
| 3,300.00               | 3,217.93            | 2,752.88            | 2,666.37            | 16.31           | 16.02       | -156.55               | -292.24                           | -1,003.98  | 1,717.58             | 1,689.14              | 28.44                   | 60.397            |                    |         |
| 3,400.00               | 3,314.66            | 2,842.87            | 2,747.26            | 16.82           | 16.85       | -158.03               | -331.08                           | -1,010.68  | 1,769.28             | 1,739.85              | 29.43                   | 60.111            |                    |         |
| 3,500.00               | 3,411.38            | 2,935.19            | 2,830.59            | 17.33           | 17.69       | -159.46               | -370.30                           | -1,017.19  | 1,821.13             | 1,790.68              | 30.45                   | 59.801            |                    |         |
| 3,600.00               | 3,508.11            | 3,012.28            | 2,900.15            | 17.84           | 18.40       | -160.60               | -403.13                           | -1,022.24  | 1,873.39             | 1,842.10              | 31.29                   | 59.877            |                    |         |
| 3,700.00               | 3,604.84            | 3,129.49            | 3,006.38            | 18.36           | 19.48       | -162.22               | -452.16                           | -1,029.31  | 1,925.58             | 1,892.97              | 32.60                   | 59.058            |                    |         |
| 3,800.00               | 3,701.56            | 3,233.26            | 3,101.36            | 18.87           | 20.42       | -163.54               | -493.63                           | -1,034.42  | 1,976.48             | 1,942.73              | 33.75                   | 58.563            |                    |         |
| 3,900.00               | 3,798.29            | 3,314.06            | 3,175.09            | 19.38           | 21.15       | -164.54               | -526.50                           | -1,037.88  | 2,027.98             | 1,993.36              | 34.62                   | 58.582            |                    |         |
| 4,000.00               | 3,895.02            | 3,415.37            | 3,268.10            | 19.89           | 22.06       | -165.70               | -566.40                           | -1,042.25  | 2,079.22             | 2,043.50              | 35.73                   | 58.197            |                    |         |
| 4,100.00               | 3,991.74            | 3,492.34            | 3,338.83            | 20.41           | 22.75       | -166.54               | -596.61                           | -1,045.22  | 2,130.56             | 2,094.02              | 36.55                   | 58.298            |                    |         |
| 4,200.00               | 4,088.47            | 3,564.54            | 3,405.02            | 20.92           | 23.41       | -167.31               | -625.32                           | -1,048.20  | 2,182.75             | 2,145.44              | 37.31                   | 58.506            |                    |         |
| 4,300.00               | 4,185.20            | 3,666.40            | 3,498.68            | 21.44           | 24.32       | -168.32               | -665.14                           | -1,052.23  | 2,234.78             | 2,196.37              | 38.42                   | 58.169            |                    |         |
| 4,400.00               | 4,281.92            | 3,729.00            | 3,556.35            | 21.95           | 24.89       | -168.92               | -689.37                           | -1,054.74  | 2,287.06             | 2,248.00              | 39.06                   | 58.549            |                    |         |
| 4,500.00               | 4,378.65            | 3,778.49            | 3,601.78            | 22.47           | 25.34       | -169.37               | -708.85                           | -1,057.11  | 2,340.55             | 2,301.01              | 39.55                   | 59.183            |                    |         |
| 4,600.00               | 4,475.38            | 3,820.45            | 3,640.05            | 22.99           | 25.73       | -169.75               | -725.90                           | -1,059.61  | 2,395.67             | 2,355.74              | 39.93                   | 59.993            |                    |         |
| 4,700.00               | 4,572.10            | 3,897.52            | 3,709.97            | 23.50           | 26.46       | -170.44               | -757.98                           | -1,064.19  | 2,451.70             | 2,410.95              | 40.75                   | 60.157            |                    |         |
| 4,800.00               | 4,668.83            | 3,971.45            | 3,776.81            | 24.02           | 27.17       | -171.10               | -789.31                           | -1,068.09  | 2,508.10             | 2,466.56              | 41.54                   | 60.375            |                    |         |
| 4,900.00               | 4,765.56            | 4,058.49            | 3,855.39            | 24.53           | 28.01       | -171.86               | -826.53                           | -1,072.33  | 2,564.78             | 2,522.28              | 42.50                   | 60.353            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00               | 4,862.28            | 4,152.53            | 3,940.38            | 25.05           | 28.92       | -172.64               | -866.57                           | -1,076.34  | 2,621.28             | 2,577.74              | 43.54                   | 60.209            |                    |         |
| 5,100.00               | 4,959.01            | 4,284.28            | 4,060.37            | 25.57           | 30.17       | -173.66               | -920.71                           | -1,081.46  | 2,676.77             | 2,631.73              | 45.03                   | 59.441            |                    |         |
| 5,200.00               | 5,055.74            | 4,342.07            | 4,113.02            | 26.09           | 30.72       | -174.09               | -944.47                           | -1,083.34  | 2,732.24             | 2,686.62              | 45.62                   | 59.888            |                    |         |
| 5,300.00               | 5,152.46            | 4,450.29            | 4,211.54            | 26.60           | 31.75       | -174.88               | -989.15                           | -1,086.67  | 2,787.99             | 2,741.16              | 46.83                   | 59.537            |                    |         |
| 5,400.00               | 5,249.19            | 4,524.51            | 4,279.42            | 27.12           | 32.44       | -175.37               | -1,019.03                         | -1,089.34  | 2,843.50             | 2,795.88              | 47.61                   | 59.719            |                    |         |
| 5,500.00               | 5,345.92            | 4,629.19            | 4,375.67            | 27.64           | 33.40       | -176.01               | -1,059.88                         | -1,094.21  | 2,898.93             | 2,850.17              | 48.76                   | 59.458            |                    |         |
| 5,600.00               | 5,442.65            | 4,726.92            | 4,471.94            | 28.16           | 34.36       | -176.72               | -1,100.85                         | -1,102.64  | 2,953.13             | 2,897.64              | 50.00                   | 59.212            |                    |         |
| 5,700.00               | 5,539.37            | 4,824.65            | 4,570.17            | 28.68           | 35.31       | -177.66               | -1,151.50                         | -1,113.70  | 3,004.33             | 2,951.76              | 52.57                   | 57.149            |                    |         |
| 5,800.00               | 5,636.10            | 4,922.38            | 4,668.40            | 29.20           | 36.26       | -178.24               | -1,226.66                         | -1,119.73  | 3,053.43             | 2,999.34              | 54.09                   | 56.448            |                    |         |
| 5,900.00               | 5,732.83            | 5,020.11            | 4,766.13            | 29.71           | 37.21       | -178.88               | -1,280.77                         | -1,127.39  | 3,100.19             | 3,044.14              | 56.05                   | 55.310            |                    |         |
| 6,000.00               | 5,829.55            | 5,117.84            | 4,863.86            | 30.23           | 38.16       | -179.49               | -1,336.02                         | -1,136.39  | 3,142.70             | 3,084.36              | 58.34                   | 53.865            |                    |         |
| 6,100.00               | 5,926.28            | 5,215.57            | 4,961.59            | 30.75           | 39.11       | -179.81               | -1,369.16                         | -1,142.99  | 3,180.10             | 3,118.89              | 61.21                   | 51.953            |                    |         |
| 6,200.00               | 6,023.01            | 5,313.30            | 5,059.32            | 31.27           | 40.06       | -180.00               | -1,387.76                         | -1,145.67  | 3,213.01             | 3,151.51              | 61.50                   | 52.245            |                    |         |
| 6,300.00               | 6,119.73            | 5,411.03            | 5,157.05            | 31.79           | 41.01       | -179.91               | -1,397.75                         | -1,147.16  | 3,245.65             | 3,183.21              | 62.44                   | 51.984            |                    |         |
| 6,397.75               | 6,214.28            | 5,508.76            | 5,254.78            | 32.30           | 41.96       | -179.86               | -1,403.83                         | -1,148.64  | 3,277.50             | 3,214.36              | 63.15                   | 51.904            |                    |         |
| 6,400.00               | 6,216.46            | 5,511.00            | 5,257.02            | 32.31           | 41.97       | -179.50               | -1,403.98                         | -1,148.69  | 3,278.24             | 3,215.08              | 63.16                   | 51.902            |                    |         |
| 6,450.00               | 6,265.12            | 5,559.72            | 5,305.74            | 32.56           | 42.42       | -162.41               | -1,407.57                         | -1,149.89  | 3,293.31             | 3,229.77              | 63.55                   | 51.823            |                    |         |
| 6,500.00               | 6,314.12            | 5,608.44            | 5,354.46            | 32.78           | 42.87       | -140.20               | -1,411.40                         | -1,151.42  | 3,305.90             | 3,241.96              | 63.94                   | 51.703            |                    |         |
| 6,550.00               | 6,363.16            | 5,657.16            | 5,403.18            | 32.99           | 43.32       | -117.62               | -1,418.05                         | -1,154.91  | 3,315.42             | 3,250.81              | 64.60                   | 51.320            |                    |         |
| 6,600.00               | 6,411.94            | 5,705.88            | 5,451.90            | 33.18           | 43.77       | -100.03               | -1,422.38                         | -1,157.76  | 3,321.54             | 3,256.37              | 65.17                   | 50.967            |                    |         |
| 6,650.00               | 6,460.15            | 5,754.60            | 5,500.11            | 33.35           | 44.22       | -88.28                | -1,424.73                         | -1,160.32  | 3,324.31             | 3,258.65              | 65.66                   | 50.631            |                    |         |
| 6,700.00               | 6,507.49            | 5,803.32            | 5,548.33            | 33.52           | 44.67       | -80.70                | -1,425.45                         | -1,162.77  | 3,323.99             | 3,257.94              | 66.05                   | 50.327            |                    |         |
| 6,750.00               | 6,553.69            | 5,852.04            | 5,596.55            | 33.69           | 45.12       | -75.86                | -1,425.13                         | -1,165.37  | 3,320.71             | 3,254.32              | 66.39                   | 50.018            |                    |         |
| 6,800.00               | 6,598.44            | 5,899.76            | 5,644.30            | 33.85           | 45.57       | -72.82                | -1,424.15                         | -1,167.87  | 3,314.61             | 3,247.92              | 66.68                   | 49.707            |                    |         |
| 6,850.00               | 6,641.47            | 5,947.25            | 5,692.02            | 34.02           | 46.02       | -71.45                | -1,420.94                         | -1,171.76  | 3,305.58             | 3,238.48              | 67.10                   | 49.263            |                    |         |
| 6,900.00               | 6,682.53            | 5,994.77            | 5,739.74            | 34.19           | 46.47       | -70.39                | -1,419.98                         | -1,172.54  | 3,293.86             | 3,226.60              | 67.25                   | 48.977            |                    |         |
| 6,950.00               | 6,721.35            | 6,042.29            | 5,787.46            | 34.38           | 46.92       | -70.05                | -1,419.18                         | -1,173.16  | 3,280.08             | 3,212.67              | 67.41                   | 48.661            |                    |         |
| 7,000.00               | 6,757.70            | 6,089.81            | 5,835.18            | 34.57           | 47.37       | -70.14                | -1,418.83                         | -1,173.42  | 3,264.41             | 3,196.89              | 67.52                   | 48.345            |                    |         |
| 7,050.00               | 6,791.35            | 6,137.33            | 5,882.90            | 34.79           | 47.82       | -70.82                | -1,418.54                         | -1,173.64  | 3,246.99             | 3,179.30              | 67.69                   | 47.965            |                    |         |
| 7,100.00               | 6,822.10            | 6,184.85            | 5,930.62            | 35.03           | 48.27       | -71.79                | -1,418.54                         | -1,173.67  | 3,228.02             | 3,160.18              | 67.84                   | 47.580            |                    |         |
| 7,150.00               | 6,849.75            | 6,232.37            | 5,978.34            | 35.30           | 48.72       | -73.10                | -1,418.66                         | -1,173.63  | 3,207.64             | 3,139.63              | 68.01                   | 47.164            |                    |         |
| 7,200.00               | 6,874.14            | 6,279.89            | 6,026.06            | 35.61           | 49.17       | -74.85                | -1,419.03                         | -1,173.44  | 3,186.02             | 3,117.78              | 68.23                   | 46.693            |                    |         |
| 7,250.00               | 6,895.11            | 6,327.41            | 6,073.78            | 35.95           | 49.62       | -76.58                | -1,419.15                         | -1,173.38  | 3,163.25             | 3,094.82              | 68.43                   | 46.228            |                    |         |
| 7,300.00               | 6,912.54            | 6,374.93            | 6,121.50            | 36.34           | 50.07       | -78.84                | -1,419.52                         | -1,173.17  | 3,139.51             | 3,070.79              | 68.72                   | 45.685            |                    |         |
| 7,350.00               | 6,926.31            | 6,422.45            | 6,169.22            | 36.77           | 50.52       | -81.26                | -1,419.79                         | -1,173.03  | 3,114.97             | 3,045.93              | 69.04                   | 45.117            |                    |         |
| 7,400.00               | 6,936.35            | 6,470.00            | 6,216.94            | 37.25           | 50.97       | -83.80                | -1,419.98                         | -1,172.93  | 3,089.81             | 3,020.42              | 69.39                   | 44.527            |                    |         |
| 7,450.00               | 6,942.59            | 6,517.52            | 6,264.66            | 37.76           | 51.42       | -86.42                | -1,420.08                         | -1,172.87  | 3,064.22             | 2,994.45              | 69.77                   | 43.921            |                    |         |
| 7,500.00               | 6,944.99            | 6,565.04            | 6,312.38            | 38.31           | 51.87       | -89.08                | -1,420.12                         | -1,172.85  | 3,038.36             | 2,968.20              | 70.16                   | 43.304            |                    |         |
| 7,512.10               | 6,945.00            | 6,565.05            | 6,312.39            | 38.44           | 51.88       | -89.73                | -1,420.12                         | -1,172.85  | 3,032.08             | 2,961.82              | 70.26                   | 43.153            |                    |         |
| 7,600.00               | 6,944.19            | 6,612.57            | 6,360.10            | 39.51           | 52.94       | -89.69                | -1,420.09                         | -1,172.86  | 2,987.41             | 2,916.34              | 71.07                   | 42.036            |                    |         |
| 7,700.00               | 6,943.28            | 6,659.61            | 6,407.14            | 40.90           | 54.33       | -89.64                | -1,420.06                         | -1,172.88  | 2,938.96             | 2,866.79              | 72.17                   | 40.720            |                    |         |
| 7,800.00               | 6,942.37            | 6,706.65            | 6,454.18            | 42.44           | 55.72       | -89.60                | -1,420.03                         | -1,172.90  | 2,893.16             | 2,819.68              | 73.48                   | 39.373            |                    |         |
| 7,900.00               | 6,941.46            | 6,753.69            | 6,501.22            | 44.11           | 57.11       | -89.55                | -1,420.00                         | -1,172.91  | 2,850.12             | 2,775.14              | 74.98                   | 38.012            |                    |         |
| 8,000.00               | 6,940.55            | 6,800.23            | 6,548.26            | 45.90           | 58.50       | -89.51                | -1,419.97                         | -1,172.93  | 2,809.99             | 2,733.33              | 76.66                   | 36.654            |                    |         |
| 8,100.00               | 6,939.64            | 6,846.77            | 6,595.30            | 47.80           | 59.89       | -89.46                | -1,419.94                         | -1,172.95  | 2,772.89             | 2,694.37              | 78.52                   | 35.314            |                    |         |
| 8,200.00               | 6,938.72            | 6,892.81            | 6,642.34            | 49.79           | 61.28       | -89.41                | -1,419.90                         | -1,172.97  | 2,738.93             | 2,658.39              | 80.54                   | 34.008            |                    |         |
| 8,300.00               | 6,937.81            | 6,938.85            | 6,689.38            | 51.86           | 62.67       | -89.37                | -1,419.87                         | -1,172.98  | 2,708.24             | 2,625.53              | 82.70                   | 32.746            |                    |         |
| 8,400.00               | 6,936.90            | 6,985.89            | 6,736.42            | 54.01           | 64.06       | -89.32                | -1,419.84                         | -1,173.00  | 2,680.93             | 2,595.92              | 85.00                   | 31.539            |                    |         |
| 8,500.00               | 6,935.99            | 7,032.93            | 6,783.46            | 56.21           | 65.45       | -89.27                | -1,419.80                         | -1,173.02  | 2,657.10             | 2,569.68              | 87.42                   | 30.395            |                    |         |
| 8,600.00               | 6,935.08            | 7,080.00            | 6,830.50            | 58.47           | 66.84       | -89.22                | -1,419.76                         | -1,173.04  | 2,636.85             | 2,546.92              | 89.93                   | 29.320            |                    |         |
| 8,700.00               | 6,934.17            | 7,127.04            | 6,877.54            | 60.78           | 68.23       | -89.17                | -1,419.73                         | -1,173.06  | 2,620.26             | 2,527.73              | 92.53                   | 28.319            |                    |         |
| 8,800.00               | 6,933.25            | 7,174.08            | 6,924.58            | 63.13           | 69.62       | -89.12                | -1,419.69                         | -1,173.08  | 2,607.40             | 2,512.22              | 95.18                   | 27.393            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00               | 6,932.34            | 7,152.85            | 6,851.72            | 65.52           | 46.24       | -89.07                | -1,419.65                         | -1,173.10  | 2,598.33             | 2,500.45              | 97.88                   | 26.545            |                    |         |
| 9,000.00               | 6,931.43            | 7,150.56            | 6,849.44            | 67.95           | 46.23       | -89.02                | -1,419.61                         | -1,173.12  | 2,593.09             | 2,492.48              | 100.61                  | 25.774            |                    |         |
| 9,086.20               | 6,930.64            | 7,148.57            | 6,847.45            | 70.07           | 46.22       | -88.98                | -1,419.58                         | -1,173.14  | 2,591.66             | 2,488.70              | 102.96                  | 25.172            |                    |         |
| 9,100.00               | 6,930.52            | 7,148.25            | 6,847.13            | 70.40           | 46.22       | -88.97                | -1,419.57                         | -1,173.15  | 2,591.69             | 2,488.36              | 103.33                  | 25.081            |                    |         |
| 9,200.00               | 6,929.61            | 7,145.92            | 6,844.80            | 72.89           | 46.22       | -88.92                | -1,419.53                         | -1,173.17  | 2,594.15             | 2,488.11              | 106.04                  | 24.463            |                    |         |
| 9,300.00               | 6,928.69            | 7,143.57            | 6,842.45            | 75.40           | 46.21       | -88.87                | -1,419.49                         | -1,173.19  | 2,600.46             | 2,491.74              | 108.72                  | 23.919            |                    |         |
| 9,400.00               | 6,927.78            | 7,141.20            | 6,840.07            | 77.93           | 46.20       | -88.82                | -1,419.45                         | -1,173.21  | 2,610.58             | 2,499.23              | 111.34                  | 23.446            |                    |         |
| 9,500.00               | 6,926.87            | 7,138.79            | 6,837.67            | 80.48           | 46.19       | -88.76                | -1,419.40                         | -1,173.24  | 2,624.47             | 2,510.57              | 113.90                  | 23.042            |                    |         |
| 9,600.00               | 6,925.96            | 7,136.37            | 6,835.25            | 83.05           | 46.19       | -88.71                | -1,419.36                         | -1,173.26  | 2,642.08             | 2,525.70              | 116.37                  | 22.703            |                    |         |
| 9,700.00               | 6,925.05            | 7,133.92            | 6,832.80            | 85.64           | 46.18       | -88.65                | -1,419.31                         | -1,173.28  | 2,663.32             | 2,544.57              | 118.75                  | 22.427            |                    |         |
| 9,800.00               | 6,924.14            | 7,131.45            | 6,830.33            | 88.25           | 46.17       | -88.60                | -1,419.27                         | -1,173.31  | 2,688.12             | 2,567.09              | 121.03                  | 22.211            |                    |         |
| 9,900.00               | 6,923.22            | 7,128.94            | 6,827.83            | 90.86           | 46.16       | -88.54                | -1,419.22                         | -1,173.34  | 2,716.37             | 2,593.18              | 123.19                  | 22.050            |                    |         |
| 10,000.00              | 6,922.31            | 7,126.42            | 6,825.30            | 93.50           | 46.16       | -88.49                | -1,419.17                         | -1,173.36  | 2,747.97             | 2,622.74              | 125.24                  | 21.942            |                    |         |
| 10,100.00              | 6,921.40            | 7,123.87            | 6,822.75            | 96.14           | 46.15       | -88.43                | -1,419.12                         | -1,173.39  | 2,782.81             | 2,655.65              | 127.16                  | 21.885            |                    |         |
| 10,200.00              | 6,920.49            | 7,121.29            | 6,820.17            | 98.79           | 46.14       | -88.38                | -1,419.07                         | -1,173.41  | 2,820.76             | 2,691.81              | 128.96                  | 21.874 SF         |                    |         |
| 10,300.00              | 6,919.58            | 7,119.00            | 6,817.88            | 101.45          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 2,861.70             | 2,731.07              | 130.63                  | 21.907            |                    |         |
| 10,400.00              | 6,918.67            | 7,119.00            | 6,817.88            | 104.13          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 2,905.51             | 2,773.32              | 132.19                  | 21.979            |                    |         |
| 10,500.00              | 6,917.75            | 7,119.00            | 6,817.88            | 106.81          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 2,952.06             | 2,818.43              | 133.63                  | 22.091            |                    |         |
| 10,600.00              | 6,916.84            | 7,119.00            | 6,817.88            | 109.50          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,001.22             | 2,866.26              | 134.96                  | 22.238            |                    |         |
| 10,700.00              | 6,915.93            | 7,119.00            | 6,817.88            | 112.19          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,052.86             | 2,916.69              | 136.17                  | 22.419            |                    |         |
| 10,800.00              | 6,915.02            | 7,119.00            | 6,817.88            | 114.90          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,106.86             | 2,969.59              | 137.28                  | 22.632            |                    |         |
| 10,900.00              | 6,914.11            | 7,119.00            | 6,817.88            | 117.61          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,163.11             | 3,024.83              | 138.28                  | 22.875            |                    |         |
| 11,000.00              | 6,913.20            | 7,119.00            | 6,817.88            | 120.32          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,221.48             | 3,082.29              | 139.19                  | 23.145            |                    |         |
| 11,100.00              | 6,912.28            | 7,119.00            | 6,817.88            | 123.04          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,281.85             | 3,141.85              | 140.01                  | 23.440            |                    |         |
| 11,200.00              | 6,911.37            | 7,119.00            | 6,817.88            | 125.77          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,344.13             | 3,203.39              | 140.74                  | 23.760            |                    |         |
| 11,300.00              | 6,910.46            | 7,119.00            | 6,817.88            | 128.50          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,408.21             | 3,266.80              | 141.40                  | 24.103            |                    |         |
| 11,400.00              | 6,909.55            | 7,119.00            | 6,817.88            | 131.24          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,473.98             | 3,331.99              | 141.99                  | 24.467            |                    |         |
| 11,500.00              | 6,908.64            | 7,119.00            | 6,817.88            | 133.98          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,541.35             | 3,398.84              | 142.51                  | 24.850            |                    |         |
| 11,600.00              | 6,907.73            | 7,119.00            | 6,817.88            | 136.72          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,610.24             | 3,467.27              | 142.97                  | 25.252            |                    |         |
| 11,700.00              | 6,906.81            | 7,119.00            | 6,817.88            | 139.47          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,680.55             | 3,537.18              | 143.37                  | 25.672            |                    |         |
| 11,800.00              | 6,905.90            | 7,119.00            | 6,817.88            | 142.22          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,752.22             | 3,608.50              | 143.72                  | 26.108            |                    |         |
| 11,900.00              | 6,904.99            | 7,119.00            | 6,817.88            | 144.97          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,825.15             | 3,681.13              | 144.03                  | 26.559            |                    |         |
| 12,000.00              | 6,904.08            | 7,119.00            | 6,817.88            | 147.73          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,899.29             | 3,755.00              | 144.29                  | 27.024            |                    |         |
| 12,100.00              | 6,903.17            | 7,119.00            | 6,817.88            | 150.49          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 3,974.55             | 3,830.04              | 144.51                  | 27.504            |                    |         |
| 12,200.00              | 6,902.26            | 7,119.00            | 6,817.88            | 153.26          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,050.89             | 3,906.20              | 144.70                  | 27.996            |                    |         |
| 12,300.00              | 6,901.34            | 7,119.00            | 6,817.88            | 156.02          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,128.24             | 3,983.39              | 144.85                  | 28.499            |                    |         |
| 12,400.00              | 6,900.43            | 7,119.00            | 6,817.88            | 158.79          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,206.55             | 4,061.57              | 144.98                  | 29.015            |                    |         |
| 12,500.00              | 6,899.52            | 7,119.00            | 6,817.88            | 161.56          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,285.75             | 4,140.67              | 145.08                  | 29.541            |                    |         |
| 12,600.00              | 6,898.61            | 7,119.00            | 6,817.88            | 164.34          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,365.82             | 4,220.66              | 145.16                  | 30.076            |                    |         |
| 12,700.00              | 6,897.70            | 7,119.00            | 6,817.88            | 167.11          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,446.68             | 4,301.47              | 145.21                  | 30.622            |                    |         |
| 12,800.00              | 6,896.79            | 7,119.00            | 6,817.88            | 169.89          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,528.32             | 4,383.07              | 145.25                  | 31.176            |                    |         |
| 12,900.00              | 6,895.87            | 7,119.00            | 6,817.88            | 172.67          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,610.67             | 4,465.40              | 145.27                  | 31.739            |                    |         |
| 13,000.00              | 6,894.96            | 7,119.00            | 6,817.88            | 175.45          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,693.71             | 4,548.44              | 145.27                  | 32.310            |                    |         |
| 13,100.00              | 6,894.05            | 7,119.00            | 6,817.88            | 178.23          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,777.41             | 4,632.14              | 145.26                  | 32.888            |                    |         |
| 13,200.00              | 6,893.14            | 7,119.00            | 6,817.88            | 181.02          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,861.71             | 4,716.47              | 145.24                  | 33.474            |                    |         |
| 13,300.00              | 6,892.23            | 7,119.00            | 6,817.88            | 183.80          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 4,946.61             | 4,801.40              | 145.21                  | 34.066            |                    |         |
| 13,400.00              | 6,891.31            | 7,119.00            | 6,817.88            | 186.59          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 5,032.05             | 4,886.89              | 145.16                  | 34.665            |                    |         |
| 13,500.00              | 6,890.40            | 7,119.00            | 6,817.88            | 189.38          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 5,118.03             | 4,972.92              | 145.11                  | 35.270            |                    |         |
| 13,600.00              | 6,889.49            | 7,119.00            | 6,817.88            | 192.17          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 5,204.50             | 5,059.45              | 145.05                  | 35.880            |                    |         |
| 13,700.00              | 6,888.58            | 7,119.00            | 6,817.88            | 194.97          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 5,291.46             | 5,146.47              | 144.99                  | 36.496            |                    |         |
| 13,800.00              | 6,887.67            | 7,119.00            | 6,817.88            | 197.76          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 5,378.86             | 5,233.95              | 144.91                  | 37.118            |                    |         |
| 13,900.00              | 6,886.76            | 7,119.00            | 6,817.88            | 200.56          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 5,466.70             | 5,321.86              | 144.84                  | 37.744            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00              | 6,885.84            | 7,119.00            | 6,817.88            | 203.35          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 5,554.95             | 5,410.19              | 144.76                  | 38.375            |                    |         |
| 14,100.00              | 6,884.93            | 7,119.00            | 6,817.88            | 206.15          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 5,643.59             | 5,498.92              | 144.67                  | 39.010            |                    |         |
| 14,200.00              | 6,884.02            | 7,119.00            | 6,817.88            | 208.95          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 5,732.61             | 5,588.02              | 144.58                  | 39.650            |                    |         |
| 14,300.00              | 6,883.11            | 7,119.00            | 6,817.88            | 211.75          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 5,821.98             | 5,677.49              | 144.49                  | 40.293            |                    |         |
| 14,400.00              | 6,882.20            | 7,119.00            | 6,817.88            | 214.55          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 5,911.69             | 5,767.29              | 144.40                  | 40.941            |                    |         |
| 14,500.00              | 6,881.29            | 7,119.00            | 6,817.88            | 217.35          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 6,001.73             | 5,857.43              | 144.30                  | 41.592            |                    |         |
| 14,600.00              | 6,880.37            | 7,119.00            | 6,817.88            | 220.15          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 6,092.08             | 5,947.87              | 144.20                  | 42.246            |                    |         |
| 14,700.00              | 6,879.46            | 7,119.00            | 6,817.88            | 222.95          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 6,182.72             | 6,038.61              | 144.11                  | 42.904            |                    |         |
| 14,800.00              | 6,878.55            | 7,119.00            | 6,817.88            | 225.76          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 6,273.65             | 6,129.64              | 144.01                  | 43.565            |                    |         |
| 14,900.00              | 6,877.64            | 7,119.00            | 6,817.88            | 228.56          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 6,364.85             | 6,220.94              | 143.91                  | 44.229            |                    |         |
| 15,000.00              | 6,876.73            | 7,119.00            | 6,817.88            | 231.37          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 6,456.31             | 6,312.51              | 143.81                  | 44.895            |                    |         |
| 15,100.00              | 6,875.82            | 7,119.00            | 6,817.88            | 234.18          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 6,548.03             | 6,404.32              | 143.71                  | 45.565            |                    |         |
| 15,200.00              | 6,874.90            | 7,119.00            | 6,817.88            | 236.98          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 6,639.98             | 6,496.37              | 143.61                  | 46.237            |                    |         |
| 15,300.00              | 6,873.99            | 7,119.00            | 6,817.88            | 239.79          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 6,732.16             | 6,588.65              | 143.51                  | 46.911            |                    |         |
| 15,400.00              | 6,873.08            | 7,119.00            | 6,817.88            | 242.60          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 6,824.56             | 6,681.15              | 143.41                  | 47.588            |                    |         |
| 15,500.00              | 6,872.17            | 7,119.00            | 6,817.88            | 245.41          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 6,917.17             | 6,773.86              | 143.31                  | 48.267            |                    |         |
| 15,600.00              | 6,871.26            | 7,119.00            | 6,817.88            | 248.22          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 7,009.99             | 6,866.77              | 143.21                  | 48.948            |                    |         |
| 15,700.00              | 6,870.35            | 7,119.00            | 6,817.88            | 251.03          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 7,103.00             | 6,959.88              | 143.12                  | 49.631            |                    |         |
| 15,737.91              | 6,870.00            | 7,119.00            | 6,817.88            | 252.10          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 7,138.30             | 6,995.22              | 143.08                  | 49.891            |                    |         |
| 15,738.53              | 6,869.99            | 7,119.00            | 6,817.88            | 252.11          | 46.13       | -88.32                | -1,419.03                         | -1,173.44  | 7,138.88             | 6,995.80              | 143.08                  | 49.895            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -74.97                | 259.04                            | -964.83    | 999.72               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 59.89               | 59.89               | 3.28            | 3.29        | -74.97                | 259.05                            | -964.88    | 999.05               | 992.48                | 6.57                    | 152.001           |                    |         |
| 200.00                 | 200.00              | 155.30              | 155.30              | 3.34            | 3.34        | -74.97                | 259.11                            | -965.30    | 999.49               | 992.81                | 6.68                    | 149.611           |                    |         |
| 300.00                 | 300.00              | 258.59              | 258.58              | 3.44            | 3.46        | -74.92                | 260.18                            | -965.57    | 1,000.02             | 993.11                | 6.90                    | 144.893           |                    |         |
| 400.00                 | 399.98              | 352.06              | 352.00              | 3.60            | 3.61        | -104.95               | 263.40                            | -965.41    | 1,001.19             | 993.99                | 7.21                    | 138.908           |                    |         |
| 500.00                 | 499.84              | 450.21              | 449.90              | 3.81            | 3.81        | -104.81               | 270.04                            | -964.68    | 1,003.61             | 996.00                | 7.61                    | 131.887           |                    |         |
| 550.00                 | 549.68              | 497.48              | 496.95              | 3.93            | 3.92        | -104.72               | 274.62                            | -964.08    | 1,005.27             | 997.43                | 7.84                    | 128.242           |                    |         |
| 600.00                 | 599.45              | 544.56              | 543.71              | 4.06            | 4.04        | -106.90               | 280.08                            | -963.36    | 1,007.40             | 999.31                | 8.09                    | 124.560           |                    |         |
| 700.00                 | 698.71              | 636.76              | 634.93              | 4.33            | 4.32        | -109.52               | 293.35                            | -961.69    | 1,013.36             | 1,004.72              | 8.64                    | 117.300           |                    |         |
| 800.00                 | 797.49              | 726.66              | 723.46              | 4.64            | 4.63        | -110.97               | 308.90                            | -960.25    | 1,021.95             | 1,012.70              | 9.26                    | 110.384           |                    |         |
| 900.00                 | 895.68              | 822.34              | 817.43              | 4.97            | 5.01        | -111.88               | 326.87                            | -958.89    | 1,032.76             | 1,022.80              | 9.96                    | 103.657           |                    |         |
| 1,000.00               | 993.14              | 927.21              | 920.11              | 5.33            | 5.46        | -112.52               | 348.06                            | -956.90    | 1,045.11             | 1,034.34              | 10.77                   | 97.020            |                    |         |
| 1,039.84               | 1,031.75            | 967.78              | 959.70              | 5.48            | 5.65        | -112.72               | 356.86                            | -955.81    | 1,050.34             | 1,039.23              | 11.11                   | 94.549            |                    |         |
| 1,100.00               | 1,089.94            | 1,026.36            | 1,016.70            | 5.72            | 5.94        | -112.74               | 370.27                            | -954.02    | 1,058.41             | 1,046.79              | 11.63                   | 91.029            |                    |         |
| 1,200.00               | 1,186.67            | 1,121.75            | 1,108.94            | 6.13            | 6.44        | -112.64               | 394.32                            | -950.70    | 1,072.06             | 1,059.53              | 12.53                   | 85.578            |                    |         |
| 1,300.00               | 1,283.39            | 1,207.28            | 1,190.94            | 6.55            | 6.93        | -112.42               | 418.43                            | -947.56    | 1,086.37             | 1,072.94              | 13.43                   | 80.886            |                    |         |
| 1,400.00               | 1,380.12            | 1,298.43            | 1,277.34            | 6.99            | 7.51        | -112.03               | 447.30                            | -944.55    | 1,102.02             | 1,087.59              | 14.42                   | 76.405            |                    |         |
| 1,500.00               | 1,476.85            | 1,390.11            | 1,363.61            | 7.45            | 8.13        | -111.54               | 478.15                            | -941.23    | 1,118.04             | 1,102.57              | 15.47                   | 72.289            |                    |         |
| 1,600.00               | 1,573.57            | 1,481.65            | 1,449.65            | 7.90            | 8.77        | -111.06               | 509.25                            | -938.56    | 1,134.88             | 1,118.34              | 16.53                   | 68.639            |                    |         |
| 1,700.00               | 1,670.30            | 1,579.11            | 1,541.61            | 8.37            | 9.45        | -110.62               | 541.48                            | -936.32    | 1,152.11             | 1,134.45              | 17.66                   | 65.243            |                    |         |
| 1,800.00               | 1,767.03            | 1,675.46            | 1,632.83            | 8.85            | 10.14       | -110.25               | 572.43                            | -934.45    | 1,169.43             | 1,150.65              | 18.78                   | 62.267            |                    |         |
| 1,900.00               | 1,863.75            | 1,771.20            | 1,723.86            | 9.32            | 10.81       | -109.96               | 602.06                            | -933.18    | 1,187.00             | 1,167.10              | 19.90                   | 59.660            |                    |         |
| 2,000.00               | 1,960.48            | 1,853.87            | 1,802.67            | 9.81            | 11.39       | -109.75               | 627.00                            | -932.94    | 1,205.31             | 1,184.40              | 20.90                   | 57.658            |                    |         |
| 2,100.00               | 2,057.21            | 1,963.35            | 1,906.92            | 10.29           | 12.16       | -109.48               | 660.45                            | -932.90    | 1,224.02             | 1,201.88              | 22.14                   | 55.286            |                    |         |
| 2,200.00               | 2,153.93            | 2,085.11            | 2,023.50            | 10.78           | 13.00       | -109.25               | 695.56                            | -931.51    | 1,241.12             | 1,217.65              | 23.47                   | 52.891            |                    |         |
| 2,300.00               | 2,250.66            | 2,194.85            | 2,128.89            | 11.28           | 13.75       | -109.09               | 726.04                            | -928.99    | 1,256.79             | 1,232.10              | 24.69                   | 50.895            |                    |         |
| 2,400.00               | 2,347.39            | 2,304.23            | 2,234.03            | 11.77           | 14.49       | -108.95               | 756.01                            | -925.81    | 1,271.81             | 1,245.89              | 25.92                   | 49.073            |                    |         |
| 2,500.00               | 2,444.11            | 2,413.17            | 2,339.32            | 12.27           | 15.21       | -108.89               | 783.72                            | -922.20    | 1,285.75             | 1,258.63              | 27.12                   | 47.410            |                    |         |
| 2,600.00               | 2,540.84            | 2,492.52            | 2,415.85            | 12.77           | 15.74       | -108.83               | 804.56                            | -919.87    | 1,300.34             | 1,272.23              | 28.11                   | 46.259            |                    |         |
| 2,700.00               | 2,637.57            | 2,596.36            | 2,515.48            | 13.27           | 16.47       | -108.67               | 833.60                            | -916.51    | 1,315.24             | 1,285.92              | 29.32                   | 44.862            |                    |         |
| 2,800.00               | 2,734.30            | 2,679.39            | 2,594.32            | 13.78           | 17.08       | -108.42               | 859.45                            | -913.36    | 1,330.73             | 1,300.35              | 30.39                   | 43.795            |                    |         |
| 2,900.00               | 2,831.02            | 2,762.56            | 2,672.58            | 14.28           | 17.72       | -108.09               | 887.48                            | -910.49    | 1,347.49             | 1,316.01              | 31.47                   | 42.811            |                    |         |
| 3,000.00               | 2,927.75            | 2,858.94            | 2,763.69            | 14.79           | 18.46       | -107.78               | 918.79                            | -908.16    | 1,364.81             | 1,332.13              | 32.67                   | 41.769            |                    |         |
| 3,100.00               | 3,024.48            | 2,953.25            | 2,853.41            | 15.29           | 19.16       | -107.57               | 947.83                            | -906.79    | 1,382.45             | 1,348.61              | 33.83                   | 40.859            |                    |         |
| 3,200.00               | 3,121.20            | 3,054.18            | 2,949.60            | 15.80           | 19.90       | -107.37               | 978.35                            | -905.60    | 1,400.14             | 1,365.10              | 35.04                   | 39.954            |                    |         |
| 3,300.00               | 3,217.93            | 3,154.25            | 3,045.48            | 16.31           | 20.61       | -107.25               | 1,007.02                          | -904.77    | 1,417.60             | 1,381.37              | 36.23                   | 39.125            |                    |         |
| 3,400.00               | 3,314.66            | 3,264.78            | 3,151.49            | 16.82           | 21.39       | -107.13               | 1,038.27                          | -903.74    | 1,434.84             | 1,397.34              | 37.51                   | 38.253            |                    |         |
| 3,500.00               | 3,411.38            | 3,367.59            | 3,250.17            | 17.33           | 22.12       | -107.03               | 1,067.06                          | -901.97    | 1,451.26             | 1,412.54              | 38.72                   | 37.484            |                    |         |
| 3,600.00               | 3,508.11            | 3,456.21            | 3,335.43            | 17.84           | 22.73       | -106.97               | 1,091.19                          | -900.99    | 1,467.94             | 1,428.15              | 39.79                   | 36.892            |                    |         |
| 3,700.00               | 3,604.84            | 3,573.09            | 3,448.65            | 18.36           | 23.49       | -107.02               | 1,120.17                          | -900.54    | 1,484.40             | 1,443.33              | 41.07                   | 36.141            |                    |         |
| 3,800.00               | 3,701.56            | 3,683.47            | 3,555.98            | 18.87           | 24.20       | -107.11               | 1,145.92                          | -899.36    | 1,499.68             | 1,457.39              | 42.28                   | 35.466            |                    |         |
| 3,900.00               | 3,798.29            | 3,778.97            | 3,648.53            | 19.38           | 24.82       | -107.14               | 1,169.42                          | -897.65    | 1,514.77             | 1,471.37              | 43.39                   | 34.908            |                    |         |
| 4,000.00               | 3,895.02            | 3,861.82            | 3,728.70            | 19.89           | 25.36       | -107.14               | 1,190.29                          | -896.46    | 1,530.43             | 1,486.03              | 44.40                   | 34.472            |                    |         |
| 4,100.00               | 3,991.74            | 3,949.22            | 3,813.73            | 20.41           | 25.92       | -107.24               | 1,210.50                          | -897.12    | 1,547.30             | 1,501.89              | 45.41                   | 34.072            |                    |         |
| 4,200.00               | 4,088.47            | 4,124.50            | 3,985.70            | 20.92           | 26.91       | -107.67               | 1,244.07                          | -897.71    | 1,562.80             | 1,515.78              | 47.03                   | 33.232            |                    |         |
| 4,300.00               | 4,185.20            | 4,287.91            | 4,148.29            | 21.44           | 27.61       | -108.55               | 1,259.86                          | -894.92    | 1,572.60             | 1,524.30              | 48.30                   | 32.557            |                    |         |
| 4,400.00               | 4,281.92            | 4,384.26            | 4,244.49            | 21.95           | 27.96       | -109.21               | 1,264.64                          | -892.80    | 1,580.69             | 1,531.50              | 49.19                   | 32.134            |                    |         |
| 4,500.00               | 4,378.65            | 4,465.50            | 4,325.70            | 22.47           | 28.23       | -109.83               | 1,267.00                          | -892.58    | 1,590.08             | 1,540.09              | 49.99                   | 31.808            |                    |         |
| 4,600.00               | 4,475.38            | 4,567.05            | 4,427.24            | 22.99           | 28.53       | -110.68               | 1,267.94                          | -892.91    | 1,599.75             | 1,548.91              | 50.83                   | 31.470            |                    |         |
| 4,700.00               | 4,572.10            | 4,655.45            | 4,515.63            | 23.50           | 28.78       | -111.45               | 1,267.53                          | -893.91    | 1,610.09             | 1,558.49              | 51.60                   | 31.200            |                    |         |
| 4,800.00               | 4,668.83            | 4,747.38            | 4,607.53            | 24.02           | 29.02       | -112.29               | 1,265.97                          | -895.61    | 1,621.13             | 1,568.76              | 52.37                   | 30.954            |                    |         |
| 4,900.00               | 4,765.56            | 4,853.98            | 4,714.09            | 24.53           | 29.30       | -113.27               | 1,263.67                          | -897.55    | 1,632.44             | 1,579.25              | 53.19                   | 30.693            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                           | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|---------------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                           | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                           |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor         |                    |         |
| 5,000.00               | 4,862.28            | 4,951.03            | 4,811.12            | 25.05           | 29.57       | -114.13               | 1,262.14                          | -898.67    | 1,643.65             | 1,589.68              | 53.97                   | 30.455                    |                    |         |
| 5,100.00               | 4,959.01            | 5,043.78            | 4,903.85            | 25.57           | 29.83       | -114.92               | 1,261.02                          | -899.85    | 1,655.44             | 1,600.70              | 54.74                   | 30.242                    |                    |         |
| 5,200.00               | 5,055.74            | 5,139.19            | 4,999.25            | 26.09           | 30.10       | -115.72               | 1,260.22                          | -901.08    | 1,667.68             | 1,612.16              | 55.52                   | 30.036                    |                    |         |
| 5,300.00               | 5,152.46            | 5,229.69            | 5,089.74            | 26.60           | 30.38       | -116.45               | 1,259.87                          | -902.33    | 1,680.43             | 1,624.14              | 56.29                   | 29.852                    |                    |         |
| 5,400.00               | 5,249.19            | 5,320.25            | 5,180.29            | 27.12           | 30.65       | -117.16               | 1,260.02                          | -903.84    | 1,693.88             | 1,636.82              | 57.06                   | 29.686                    |                    |         |
| 5,500.00               | 5,345.92            | 5,412.70            | 5,272.73            | 27.64           | 30.95       | -117.86               | 1,260.45                          | -905.59    | 1,707.89             | 1,650.05              | 57.84                   | 29.528                    |                    |         |
| 5,600.00               | 5,442.65            | 5,512.92            | 5,372.92            | 28.16           | 31.27       | -118.61               | 1,261.02                          | -907.50    | 1,722.21             | 1,663.55              | 58.66                   | 29.359                    |                    |         |
| 5,700.00               | 5,539.37            | 5,605.70            | 5,465.68            | 28.68           | 31.57       | -119.30               | 1,261.44                          | -909.16    | 1,736.69             | 1,677.25              | 59.44                   | 29.217                    |                    |         |
| 5,800.00               | 5,636.10            | 5,692.58            | 5,552.55            | 29.20           | 31.84       | -119.94               | 1,261.64                          | -911.18    | 1,751.92             | 1,691.73              | 60.19                   | 29.109                    |                    |         |
| 5,900.00               | 5,732.83            | 5,792.87            | 5,652.80            | 29.71           | 32.17       | -120.66               | 1,262.13                          | -913.64    | 1,767.57             | 1,706.56              | 61.01                   | 28.973                    |                    |         |
| 6,000.00               | 5,829.55            | 5,885.28            | 5,745.18            | 30.23           | 32.48       | -121.29               | 1,263.15                          | -915.76    | 1,783.40             | 1,721.61              | 61.79                   | 28.862                    |                    |         |
| 6,100.00               | 5,926.28            | 5,980.70            | 5,840.56            | 30.75           | 32.81       | -121.93               | 1,264.38                          | -918.29    | 1,799.84             | 1,737.25              | 62.59                   | 28.755                    |                    |         |
| 6,200.00               | 6,023.01            | 6,113.91            | 5,973.75            | 31.27           | 33.27       | -122.81               | 1,265.76                          | -920.34    | 1,815.41             | 1,751.79              | 63.61                   | 28.539                    |                    |         |
| 6,300.00               | 6,119.73            | 6,197.26            | 6,057.08            | 31.79           | 33.56       | -123.35               | 1,266.58                          | -921.30    | 1,830.79             | 1,766.44              | 64.35                   | 28.450                    |                    |         |
| 6,397.75               | 6,214.28            | 6,283.77            | 6,143.58            | 32.30           | 33.86       | -123.90               | 1,267.61                          | -922.55    | 1,846.37             | 1,781.27              | 65.10                   | 28.362                    |                    |         |
| 6,400.00               | 6,216.46            | 6,285.75            | 6,145.56            | 32.31           | 33.87       | -123.33               | 1,267.64                          | -922.59    | 1,846.73             | 1,781.61              | 65.12                   | 28.360                    |                    |         |
| 6,450.00               | 6,265.12            | 6,329.94            | 6,189.74            | 32.56           | 34.02       | -107.58               | 1,268.34                          | -923.38    | 1,852.85             | 1,787.36              | 65.49                   | 28.291                    |                    |         |
| 6,500.00               | 6,314.12            | 6,375.96            | 6,235.74            | 32.78           | 34.19       | -86.41                | 1,269.19                          | -924.30    | 1,855.25             | 1,789.38              | 65.86                   | 28.168                    |                    |         |
| 6,550.00               | 6,363.16            | 6,424.52            | 6,284.28            | 32.99           | 34.36       | -64.39                | 1,270.14                          | -925.30    | 1,853.82             | 1,787.59              | 66.24                   | 27.988                    |                    |         |
| 6,600.00               | 6,411.94            | 6,472.91            | 6,332.65            | 33.18           | 34.54       | -47.04                | 1,271.12                          | -926.32    | 1,848.56             | 1,781.97              | 66.59                   | 27.762                    |                    |         |
| 6,650.00               | 6,460.15            | 6,530.44            | 6,390.16            | 33.35           | 34.74       | -35.26                | 1,272.19                          | -927.45    | 1,839.39             | 1,772.42              | 66.97                   | 27.465                    |                    |         |
| 6,700.00               | 6,507.49            | 6,591.06            | 6,450.77            | 33.52           | 34.96       | -27.44                | 1,272.87                          | -928.25    | 1,826.13             | 1,758.77              | 67.36                   | 27.111                    |                    |         |
| 6,750.00               | 6,553.69            | 6,650.32            | 6,510.02            | 33.69           | 35.17       | -22.10                | 1,273.12                          | -928.64    | 1,808.84             | 1,741.13              | 67.71                   | 26.714                    |                    |         |
| 6,800.00               | 6,598.44            | 6,707.93            | 6,567.64            | 33.85           | 35.36       | -18.29                | 1,273.25                          | -928.61    | 1,787.65             | 1,719.61              | 68.04                   | 26.274                    |                    |         |
| 6,850.00               | 6,641.47            | 6,762.90            | 6,622.61            | 34.02           | 35.55       | -15.46                | 1,273.32                          | -928.19    | 1,762.71             | 1,694.38              | 68.33                   | 25.795                    |                    |         |
| 6,900.00               | 6,682.53            | 6,800.63            | 6,660.33            | 34.19           | 35.68       | -13.20                | 1,273.38                          | -927.83    | 1,734.39             | 1,665.86              | 68.53                   | 25.308                    |                    |         |
| 6,950.00               | 6,721.35            | 6,837.28            | 6,696.99            | 34.38           | 35.80       | -11.37                | 1,273.44                          | -927.51    | 1,703.01             | 1,634.30              | 68.71                   | 24.785                    |                    |         |
| 7,000.00               | 6,757.70            | 6,871.63            | 6,731.33            | 34.57           | 35.92       | -9.81                 | 1,273.52                          | -927.25    | 1,668.73             | 1,599.86              | 68.87                   | 24.230                    |                    |         |
| 7,050.00               | 6,791.35            | 6,903.98            | 6,763.68            | 34.79           | 36.03       | -8.43                 | 1,273.61                          | -927.04    | 1,631.75             | 1,562.74              | 69.01                   | 23.644                    |                    |         |
| 7,100.00               | 6,822.10            | 6,934.48            | 6,794.18            | 35.03           | 36.14       | -7.12                 | 1,273.69                          | -926.84    | 1,592.28             | 1,523.14              | 69.14                   | 23.029                    |                    |         |
| 7,150.00               | 6,849.75            | 6,961.87            | 6,821.57            | 35.30           | 36.23       | -5.78                 | 1,273.77                          | -926.67    | 1,550.54             | 1,481.29              | 69.25                   | 22.390                    |                    |         |
| 7,200.00               | 6,874.14            | 6,985.98            | 6,845.68            | 35.61           | 36.32       | -4.27                 | 1,273.84                          | -926.51    | 1,506.80             | 1,437.45              | 69.34                   | 21.729                    |                    |         |
| 7,250.00               | 6,895.11            | 7,006.66            | 6,866.36            | 35.95           | 36.39       | -2.41                 | 1,273.89                          | -926.38    | 1,461.30             | 1,391.88              | 69.42                   | 21.050                    |                    |         |
| 7,300.00               | 6,912.54            | 7,023.79            | 6,883.49            | 36.34           | 36.45       | 0.19                  | 1,273.94                          | -926.27    | 1,414.34             | 1,344.87              | 69.48                   | 20.357                    |                    |         |
| 7,350.00               | 6,926.31            | 7,037.26            | 6,896.95            | 36.77           | 36.49       | 4.35                  | 1,273.98                          | -926.19    | 1,366.21             | 1,296.68              | 69.52                   | 19.651                    |                    |         |
| 7,400.00               | 6,936.35            | 7,045.51            | 6,905.20            | 37.25           | 36.52       | 12.27                 | 1,274.01                          | -926.14    | 1,317.20             | 1,247.65              | 69.55                   | 18.939                    |                    |         |
| 7,450.00               | 6,942.59            | 7,051.01            | 6,910.71            | 37.76           | 36.54       | 32.13                 | 1,274.03                          | -926.11    | 1,267.62             | 1,198.05              | 69.57                   | 18.220                    |                    |         |
| 7,500.00               | 6,944.99            | 7,053.00            | 6,912.69            | 38.31           | 36.55       | 85.97                 | 1,274.03                          | -926.10    | 1,217.77             | 1,148.19              | 69.59                   | 17.500                    |                    |         |
| 7,512.10               | 6,945.00            | 7,052.94            | 6,912.64            | 38.44           | 36.55       | 100.68                | 1,274.03                          | -926.10    | 1,205.70             | 1,136.11              | 69.59                   | 17.326                    |                    |         |
| 7,600.00               | 6,944.19            | 7,051.80            | 6,911.49            | 39.51           | 36.54       | 99.95                 | 1,274.03                          | -926.11    | 1,118.06             | 1,048.45              | 69.61                   | 16.061                    |                    |         |
| 7,700.00               | 6,943.28            | 7,050.48            | 6,910.17            | 40.90           | 36.54       | 99.12                 | 1,274.02                          | -926.12    | 1,018.42             | 948.76                | 69.65                   | 14.622                    |                    |         |
| 7,800.00               | 6,942.37            | 7,049.14            | 6,908.83            | 42.44           | 36.54       | 98.27                 | 1,274.02                          | -926.12    | 918.84               | 849.14                | 69.70                   | 13.182                    |                    |         |
| 7,900.00               | 6,941.46            | 7,047.78            | 6,907.48            | 44.11           | 36.53       | 97.41                 | 1,274.02                          | -926.13    | 819.37               | 749.59                | 69.78                   | 11.743                    |                    |         |
| 8,000.00               | 6,940.55            | 7,046.41            | 6,906.11            | 45.90           | 36.53       | 96.53                 | 1,274.01                          | -926.14    | 720.04               | 650.15                | 69.88                   | 10.303                    |                    |         |
| 8,100.00               | 6,939.64            | 7,045.03            | 6,904.72            | 47.80           | 36.52       | 95.64                 | 1,274.01                          | -926.14    | 620.92               | 550.87                | 70.05                   | 8.864                     |                    |         |
| 8,200.00               | 6,938.72            | 7,043.62            | 6,903.32            | 49.79           | 36.52       | 94.73                 | 1,274.00                          | -926.15    | 522.13               | 451.82                | 70.31                   | 7.426                     |                    |         |
| 8,300.00               | 6,937.81            | 7,042.59            | 6,902.29            | 51.86           | 36.51       | 94.06                 | 1,274.00                          | -926.15    | 423.90               | 353.12                | 70.78                   | 5.989                     |                    |         |
| 8,400.00               | 6,936.90            | 7,041.03            | 6,900.73            | 54.01           | 36.51       | 93.05                 | 1,273.99                          | -926.16    | 326.75               | 255.04                | 71.71                   | 4.557                     |                    |         |
| 8,500.00               | 6,935.99            | 7,039.47            | 6,899.16            | 56.21           | 36.50       | 92.04                 | 1,273.99                          | -926.17    | 232.03               | 158.17                | 73.86                   | 3.141                     |                    |         |
| 8,600.00               | 6,935.08            | 7,037.90            | 6,897.60            | 58.47           | 36.49       | 91.02                 | 1,273.98                          | -926.18    | 144.59               | 64.71                 | 79.88                   | 1.810                     |                    |         |
| 8,700.00               | 6,934.17            | 7,036.34            | 6,896.04            | 60.78           | 36.49       | 90.01                 | 1,273.98                          | -926.19    | 89.26                | -2.48                 | 91.73                   | 0.973 Level 1             |                    |         |
| 8,714.71               | 6,934.03            | 7,036.11            | 6,895.81            | 61.12           | 36.49       | 89.86                 | 1,273.98                          | -926.19    | 88.04                | -4.12                 | 92.15                   | 0.955 Level 1, CC, ES, SF |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,800.00               | 6,933.25            | 7,034.80            | 6,894.49            | 63.13           | 36.48       | 89.00                 | 1,273.97                          | -926.20    | 122.57               | 39.13                 | 83.44                   | 1.469             | Level 3            |         |
| 8,900.00               | 6,932.34            | 7,033.26            | 6,892.95            | 65.52           | 36.48       | 88.00                 | 1,273.97                          | -926.21    | 205.12               | 129.60                | 75.52                   | 2.716             |                    |         |
| 9,000.00               | 6,931.43            | 7,031.70            | 6,891.39            | 67.95           | 36.47       | 86.99                 | 1,273.97                          | -926.22    | 298.53               | 225.89                | 72.64                   | 4.110             |                    |         |
| 9,100.00               | 6,930.52            | 7,030.12            | 6,889.81            | 70.40           | 36.47       | 85.96                 | 1,273.96                          | -926.23    | 395.17               | 323.74                | 71.43                   | 5.532             |                    |         |
| 9,200.00               | 6,929.61            | 7,028.53            | 6,888.23            | 72.89           | 36.46       | 84.93                 | 1,273.96                          | -926.24    | 493.15               | 422.32                | 70.83                   | 6.962             |                    |         |
| 9,300.00               | 6,928.69            | 7,026.97            | 6,886.66            | 75.40           | 36.46       | 83.92                 | 1,273.95                          | -926.25    | 591.80               | 521.30                | 70.50                   | 8.394             |                    |         |
| 9,400.00               | 6,927.78            | 7,025.40            | 6,885.10            | 77.93           | 36.45       | 82.92                 | 1,273.95                          | -926.26    | 690.84               | 620.54                | 70.30                   | 9.827             |                    |         |
| 9,500.00               | 6,926.87            | 7,023.84            | 6,883.54            | 80.48           | 36.45       | 81.92                 | 1,273.94                          | -926.27    | 790.11               | 719.94                | 70.18                   | 11.259            |                    |         |
| 9,600.00               | 6,925.96            | 7,022.28            | 6,881.97            | 83.05           | 36.44       | 80.93                 | 1,273.94                          | -926.28    | 889.55               | 819.45                | 70.10                   | 12.691            |                    |         |
| 9,700.00               | 6,925.05            | 7,020.71            | 6,880.41            | 85.64           | 36.44       | 79.94                 | 1,273.93                          | -926.29    | 989.10               | 919.05                | 70.04                   | 14.121            |                    |         |
| 9,800.00               | 6,924.14            | 7,019.15            | 6,878.85            | 88.25           | 36.43       | 78.95                 | 1,273.93                          | -926.30    | 1,088.72             | 1,018.71              | 70.01                   | 15.551            |                    |         |
| 9,900.00               | 6,923.22            | 7,017.59            | 6,877.29            | 90.86           | 36.42       | 77.97                 | 1,273.93                          | -926.31    | 1,188.41             | 1,118.42              | 69.99                   | 16.980            |                    |         |
| 10,000.00              | 6,922.31            | 7,016.03            | 6,875.72            | 93.50           | 36.42       | 77.00                 | 1,273.92                          | -926.32    | 1,288.14             | 1,218.17              | 69.98                   | 18.408            |                    |         |
| 10,100.00              | 6,921.40            | 7,014.46            | 6,874.16            | 96.14           | 36.41       | 76.04                 | 1,273.92                          | -926.33    | 1,387.92             | 1,317.94              | 69.98                   | 19.834            |                    |         |
| 10,200.00              | 6,920.49            | 7,012.90            | 6,872.60            | 98.79           | 36.41       | 75.09                 | 1,273.91                          | -926.34    | 1,487.72             | 1,417.74              | 69.98                   | 21.259            |                    |         |
| 10,300.00              | 6,919.58            | 7,011.34            | 6,871.03            | 101.45          | 36.40       | 74.14                 | 1,273.91                          | -926.35    | 1,587.54             | 1,517.55              | 69.99                   | 22.683            |                    |         |
| 10,400.00              | 6,918.67            | 7,009.77            | 6,869.47            | 104.13          | 36.40       | 73.20                 | 1,273.90                          | -926.36    | 1,687.38             | 1,617.38              | 70.00                   | 24.105            |                    |         |
| 10,500.00              | 6,917.75            | 7,008.21            | 6,867.91            | 106.81          | 36.39       | 72.27                 | 1,273.90                          | -926.37    | 1,787.24             | 1,717.23              | 70.02                   | 25.526            |                    |         |
| 10,600.00              | 6,916.84            | 7,006.65            | 6,866.34            | 109.50          | 36.39       | 71.35                 | 1,273.89                          | -926.38    | 1,887.11             | 1,817.08              | 70.03                   | 26.945            |                    |         |
| 10,700.00              | 6,915.93            | 7,005.08            | 6,864.78            | 112.19          | 36.38       | 70.44                 | 1,273.89                          | -926.39    | 1,987.00             | 1,916.94              | 70.06                   | 28.363            |                    |         |
| 10,800.00              | 6,915.02            | 7,003.52            | 6,863.22            | 114.90          | 36.38       | 69.54                 | 1,273.89                          | -926.40    | 2,086.89             | 2,016.81              | 70.08                   | 29.779            |                    |         |
| 10,900.00              | 6,914.11            | 7,001.96            | 6,861.65            | 117.61          | 36.37       | 68.65                 | 1,273.88                          | -926.41    | 2,186.80             | 2,116.69              | 70.10                   | 31.193            |                    |         |
| 11,000.00              | 6,913.20            | 7,000.39            | 6,860.09            | 120.32          | 36.36       | 67.77                 | 1,273.88                          | -926.42    | 2,286.71             | 2,216.57              | 70.13                   | 32.606            |                    |         |
| 11,100.00              | 6,912.28            | 6,998.83            | 6,858.53            | 123.04          | 36.36       | 66.91                 | 1,273.87                          | -926.43    | 2,386.62             | 2,316.46              | 70.16                   | 34.017            |                    |         |
| 11,200.00              | 6,911.37            | 6,997.26            | 6,856.96            | 125.77          | 36.35       | 66.05                 | 1,273.87                          | -926.44    | 2,486.55             | 2,416.35              | 70.19                   | 35.426            |                    |         |
| 11,300.00              | 6,910.46            | 6,995.70            | 6,855.40            | 128.50          | 36.35       | 65.20                 | 1,273.86                          | -926.45    | 2,586.47             | 2,516.25              | 70.22                   | 36.832            |                    |         |
| 11,400.00              | 6,909.55            | 6,994.14            | 6,853.83            | 131.24          | 36.34       | 64.37                 | 1,273.86                          | -926.46    | 2,686.40             | 2,616.15              | 70.26                   | 38.237            |                    |         |
| 11,500.00              | 6,908.64            | 6,992.57            | 6,852.27            | 133.98          | 36.34       | 63.54                 | 1,273.86                          | -926.47    | 2,786.34             | 2,716.05              | 70.29                   | 39.640            |                    |         |
| 11,600.00              | 6,907.73            | 6,991.01            | 6,850.71            | 136.72          | 36.33       | 62.73                 | 1,273.85                          | -926.48    | 2,886.28             | 2,815.95              | 70.33                   | 41.041            |                    |         |
| 11,700.00              | 6,906.81            | 6,989.45            | 6,849.14            | 139.47          | 36.33       | 61.93                 | 1,273.85                          | -926.49    | 2,986.22             | 2,915.86              | 70.36                   | 42.439            |                    |         |
| 11,800.00              | 6,905.90            | 6,987.88            | 6,847.58            | 142.22          | 36.32       | 61.14                 | 1,273.84                          | -926.50    | 3,086.17             | 3,015.77              | 70.40                   | 43.836            |                    |         |
| 11,900.00              | 6,904.99            | 6,986.32            | 6,846.02            | 144.97          | 36.32       | 60.37                 | 1,273.84                          | -926.51    | 3,186.12             | 3,115.67              | 70.44                   | 45.230            |                    |         |
| 12,000.00              | 6,904.08            | 6,984.75            | 6,844.45            | 147.73          | 36.31       | 59.60                 | 1,273.83                          | -926.52    | 3,286.07             | 3,215.58              | 70.48                   | 46.622            |                    |         |
| 12,100.00              | 6,903.17            | 6,983.19            | 6,842.89            | 150.49          | 36.31       | 58.85                 | 1,273.83                          | -926.53    | 3,386.02             | 3,315.50              | 70.53                   | 48.011            |                    |         |
| 12,200.00              | 6,902.26            | 6,981.63            | 6,841.32            | 153.26          | 36.30       | 58.11                 | 1,273.82                          | -926.54    | 3,485.98             | 3,415.41              | 70.57                   | 49.398            |                    |         |
| 12,300.00              | 6,901.34            | 6,980.06            | 6,839.76            | 156.02          | 36.29       | 57.38                 | 1,273.82                          | -926.55    | 3,585.93             | 3,515.32              | 70.61                   | 50.783            |                    |         |
| 12,400.00              | 6,900.43            | 6,978.50            | 6,838.20            | 158.79          | 36.29       | 56.66                 | 1,273.82                          | -926.56    | 3,685.89             | 3,615.23              | 70.66                   | 52.165            |                    |         |
| 12,500.00              | 6,899.52            | 6,976.93            | 6,836.63            | 161.56          | 36.28       | 55.95                 | 1,273.81                          | -926.57    | 3,785.85             | 3,715.15              | 70.70                   | 53.544            |                    |         |
| 12,600.00              | 6,898.61            | 6,975.37            | 6,835.07            | 164.34          | 36.28       | 55.25                 | 1,273.81                          | -926.58    | 3,885.81             | 3,815.06              | 70.75                   | 54.921            |                    |         |
| 12,700.00              | 6,897.70            | 6,973.81            | 6,833.50            | 167.11          | 36.27       | 54.57                 | 1,273.80                          | -926.59    | 3,985.78             | 3,914.97              | 70.80                   | 56.296            |                    |         |
| 12,800.00              | 6,896.79            | 6,972.24            | 6,831.94            | 169.89          | 36.27       | 53.90                 | 1,273.80                          | -926.60    | 4,085.74             | 4,014.89              | 70.85                   | 57.667            |                    |         |
| 12,900.00              | 6,895.87            | 6,970.68            | 6,830.38            | 172.67          | 36.26       | 53.24                 | 1,273.79                          | -926.61    | 4,185.70             | 4,114.80              | 70.90                   | 59.036            |                    |         |
| 13,000.00              | 6,894.96            | 6,969.11            | 6,828.81            | 175.45          | 36.26       | 52.59                 | 1,273.79                          | -926.62    | 4,285.67             | 4,214.72              | 70.95                   | 60.402            |                    |         |
| 13,100.00              | 6,894.05            | 6,967.55            | 6,827.25            | 178.23          | 36.25       | 51.95                 | 1,273.78                          | -926.63    | 4,385.64             | 4,314.63              | 71.00                   | 61.765            |                    |         |
| 13,200.00              | 6,893.14            | 6,965.98            | 6,825.68            | 181.02          | 36.25       | 51.32                 | 1,273.78                          | -926.64    | 4,485.61             | 4,414.55              | 71.06                   | 63.126            |                    |         |
| 13,300.00              | 6,892.23            | 6,964.42            | 6,824.12            | 183.80          | 36.24       | 50.70                 | 1,273.78                          | -926.65    | 4,585.57             | 4,514.46              | 71.11                   | 64.483            |                    |         |
| 13,400.00              | 6,891.31            | 6,962.86            | 6,822.55            | 186.59          | 36.24       | 50.09                 | 1,273.77                          | -926.66    | 4,685.54             | 4,614.38              | 71.17                   | 65.838            |                    |         |
| 13,500.00              | 6,890.40            | 6,961.29            | 6,820.99            | 189.38          | 36.23       | 49.50                 | 1,273.77                          | -926.67    | 4,785.52             | 4,714.29              | 71.22                   | 67.189            |                    |         |
| 13,600.00              | 6,889.49            | 6,959.73            | 6,819.42            | 192.17          | 36.22       | 48.91                 | 1,273.76                          | -926.68    | 4,885.49             | 4,814.20              | 71.28                   | 68.538            |                    |         |
| 13,700.00              | 6,888.58            | 6,958.16            | 6,817.86            | 194.97          | 36.22       | 48.34                 | 1,273.76                          | -926.69    | 4,985.46             | 4,914.12              | 71.34                   | 69.884            |                    |         |
| 13,800.00              | 6,887.67            | 6,956.60            | 6,816.30            | 197.76          | 36.21       | 47.77                 | 1,273.75                          | -926.70    | 5,085.43             | 5,014.03              | 71.40                   | 71.226            |                    |         |
| 13,900.00              | 6,886.76            | 6,955.03            | 6,814.73            | 200.56          | 36.21       | 47.22                 | 1,273.75                          | -926.71    | 5,185.40             | 5,113.95              | 71.46                   | 72.565            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWDD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00               | 6,885.84            | 6,953.47            | 6,813.17            | 203.35          | 36.20       | 46.67                 | 1,273.75                          | -926.72    | 5,285.38             | 5,213.86              | 71.52                   | 73.902            |                    |         |
| 14,100.00               | 6,884.93            | 6,951.90            | 6,811.60            | 206.15          | 36.20       | 46.13                 | 1,273.74                          | -926.73    | 5,385.35             | 5,313.77              | 71.58                   | 75.234            |                    |         |
| 14,200.00               | 6,884.02            | 6,950.34            | 6,810.04            | 208.95          | 36.19       | 45.61                 | 1,273.74                          | -926.74    | 5,485.33             | 5,413.68              | 71.64                   | 76.564            |                    |         |
| 14,300.00               | 6,883.11            | 6,948.77            | 6,808.47            | 211.75          | 36.19       | 45.09                 | 1,273.73                          | -926.75    | 5,585.30             | 5,513.59              | 71.71                   | 77.891            |                    |         |
| 14,400.00               | 6,882.20            | 6,947.21            | 6,806.91            | 214.55          | 36.18       | 44.58                 | 1,273.73                          | -926.76    | 5,685.28             | 5,613.51              | 71.77                   | 79.214            |                    |         |
| 14,500.00               | 6,881.29            | 6,945.64            | 6,805.34            | 217.35          | 36.18       | 44.08                 | 1,273.72                          | -926.77    | 5,785.25             | 5,713.42              | 71.84                   | 80.534            |                    |         |
| 14,600.00               | 6,880.37            | 6,944.08            | 6,803.78            | 220.15          | 36.17       | 43.59                 | 1,273.72                          | -926.78    | 5,885.23             | 5,813.33              | 71.90                   | 81.850            |                    |         |
| 14,700.00               | 6,879.46            | 6,942.51            | 6,802.21            | 222.95          | 36.16       | 43.11                 | 1,273.72                          | -926.79    | 5,985.21             | 5,913.24              | 71.97                   | 83.163            |                    |         |
| 14,800.00               | 6,878.55            | 6,940.95            | 6,800.65            | 225.76          | 36.16       | 42.63                 | 1,273.71                          | -926.80    | 6,085.18             | 6,013.15              | 72.04                   | 84.473            |                    |         |
| 14,900.00               | 6,877.64            | 6,939.38            | 6,799.08            | 228.56          | 36.15       | 42.17                 | 1,273.71                          | -926.81    | 6,185.16             | 6,113.06              | 72.11                   | 85.779            |                    |         |
| 15,000.00               | 6,876.73            | 6,937.82            | 6,797.52            | 231.37          | 36.15       | 41.71                 | 1,273.70                          | -926.82    | 6,285.14             | 6,212.96              | 72.17                   | 87.082            |                    |         |
| 15,100.00               | 6,875.82            | 6,936.25            | 6,795.95            | 234.18          | 36.14       | 41.26                 | 1,273.70                          | -926.83    | 6,385.12             | 6,312.87              | 72.24                   | 88.382            |                    |         |
| 15,200.00               | 6,874.90            | 6,934.69            | 6,794.39            | 236.98          | 36.14       | 40.82                 | 1,273.69                          | -926.84    | 6,485.10             | 6,412.78              | 72.32                   | 89.677            |                    |         |
| 15,300.00               | 6,873.99            | 6,933.12            | 6,792.82            | 239.79          | 36.13       | 40.38                 | 1,273.69                          | -926.85    | 6,585.07             | 6,512.69              | 72.39                   | 90.970            |                    |         |
| 15,400.00               | 6,873.08            | 6,931.56            | 6,791.26            | 242.60          | 36.13       | 39.96                 | 1,273.68                          | -926.86    | 6,685.05             | 6,612.59              | 72.46                   | 92.258            |                    |         |
| 15,500.00               | 6,872.17            | 6,929.99            | 6,789.69            | 245.41          | 36.12       | 39.54                 | 1,273.68                          | -926.87    | 6,785.03             | 6,712.50              | 72.53                   | 93.543            |                    |         |
| 15,600.00               | 6,871.26            | 6,928.43            | 6,788.13            | 248.22          | 36.12       | 39.13                 | 1,273.68                          | -926.88    | 6,885.01             | 6,812.40              | 72.61                   | 94.825            |                    |         |
| 15,700.00               | 6,870.35            | 6,926.86            | 6,786.56            | 251.03          | 36.11       | 38.72                 | 1,273.67                          | -926.89    | 6,984.99             | 6,912.31              | 72.68                   | 96.103            |                    |         |
| 15,737.91               | 6,870.00            | 6,926.27            | 6,785.97            | 252.10          | 36.11       | 38.57                 | 1,273.67                          | -926.90    | 7,022.89             | 6,950.18              | 72.71                   | 96.586            |                    |         |
| 15,738.53               | 6,869.99            | 6,926.26            | 6,785.96            | 252.11          | 36.11       | 38.57                 | 1,273.67                          | -926.90    | 7,023.51             | 6,950.80              | 72.71                   | 96.594            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -76.56                | 228.44                            | -955.93    | 983.58               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 57.76               | 57.76               | 3.28            | 3.29        | -76.56                | 228.49                            | -956.01    | 982.94               | 976.37                | 6.57                    | 149.561           |                    |         |
| 200.00                 | 200.00              | 148.53              | 148.52              | 3.34            | 3.34        | -76.54                | 228.95                            | -956.74    | 983.84               | 977.17                | 6.68                    | 147.360           |                    |         |
| 300.00                 | 300.00              | 269.60              | 269.57              | 3.44            | 3.47        | -76.44                | 230.87                            | -957.01    | 984.49               | 977.58                | 6.92                    | 142.301           |                    |         |
| 400.00                 | 399.98              | 437.46              | 436.98              | 3.60            | 3.78        | -106.26               | 238.49                            | -948.20    | 981.09               | 973.66                | 7.42                    | 132.179           |                    |         |
| 500.00                 | 499.84              | 551.87              | 550.68              | 3.81            | 4.07        | -106.23               | 244.53                            | -936.98    | 974.31               | 966.40                | 7.91                    | 123.156           |                    |         |
| 550.00                 | 549.68              | 615.49              | 613.78              | 3.93            | 4.25        | -106.27               | 248.07                            | -929.65    | 970.48               | 962.27                | 8.21                    | 118.156           |                    |         |
| 600.00                 | 599.45              | 662.85              | 660.68              | 4.06            | 4.41        | -108.63               | 251.08                            | -923.83    | 966.71               | 958.24                | 8.47                    | 114.091           |                    |         |
| 700.00                 | 698.71              | 765.64              | 762.26              | 4.33            | 4.77        | -111.61               | 259.82                            | -910.79    | 960.61               | 951.53                | 9.08                    | 105.780           |                    |         |
| 800.00                 | 797.49              | 870.60              | 865.39              | 4.64            | 5.20        | -113.38               | 272.42                            | -895.93    | 955.65               | 945.87                | 9.77                    | 97.774            |                    |         |
| 900.00                 | 895.68              | 1,010.46            | 1,001.83            | 4.97            | 5.85        | -114.59               | 292.20                            | -872.52    | 950.53               | 939.81                | 10.72                   | 88.686            |                    |         |
| 1,000.00               | 993.14              | 1,136.45            | 1,123.14            | 5.33            | 6.54        | -115.47               | 312.79                            | -845.46    | 942.81               | 931.12                | 11.68                   | 80.698            |                    |         |
| 1,039.84               | 1,031.75            | 1,187.01            | 1,171.75            | 5.48            | 6.84        | -115.84               | 320.59                            | -833.97    | 939.70               | 927.61                | 12.09                   | 77.756            |                    |         |
| 1,100.00               | 1,089.94            | 1,265.30            | 1,246.69            | 5.72            | 7.32        | -115.94               | 332.55                            | -814.71    | 934.03               | 921.31                | 12.72                   | 73.443            |                    |         |
| 1,200.00               | 1,186.67            | 1,363.99            | 1,340.99            | 6.13            | 7.96        | -116.08               | 347.29                            | -789.64    | 923.80               | 910.16                | 13.64                   | 67.737            |                    |         |
| 1,300.00               | 1,283.39            | 1,455.74            | 1,428.61            | 6.55            | 8.57        | -116.15               | 361.92                            | -766.70    | 914.18               | 899.63                | 14.56                   | 62.791            |                    |         |
| 1,400.00               | 1,380.12            | 1,553.48            | 1,521.88            | 6.99            | 9.24        | -116.17               | 378.62                            | -742.69    | 905.26               | 889.71                | 15.55                   | 58.214            |                    |         |
| 1,500.00               | 1,476.85            | 1,661.01            | 1,623.96            | 7.45            | 10.00       | -116.08               | 398.54                            | -715.40    | 895.85               | 879.22                | 16.63                   | 53.861            |                    |         |
| 1,600.00               | 1,573.57            | 1,763.26            | 1,721.07            | 7.90            | 10.75       | -116.05               | 416.54                            | -688.92    | 885.72               | 868.02                | 17.70                   | 50.035            |                    |         |
| 1,700.00               | 1,670.30            | 1,882.39            | 1,833.97            | 8.37            | 11.63       | -116.01               | 437.06                            | -656.93    | 874.58               | 855.71                | 18.87                   | 46.346            |                    |         |
| 1,800.00               | 1,767.03            | 1,959.96            | 1,907.64            | 8.85            | 12.22       | -116.01               | 450.11                            | -636.47    | 863.72               | 843.88                | 19.84                   | 43.530            |                    |         |
| 1,900.00               | 1,863.75            | 2,050.90            | 1,994.25            | 9.32            | 12.89       | -116.01               | 465.86                            | -613.66    | 854.33               | 833.44                | 20.89                   | 40.902            |                    |         |
| 2,000.00               | 1,960.48            | 2,155.09            | 2,093.36            | 9.81            | 13.67       | -115.97               | 484.48                            | -587.46    | 844.99               | 822.98                | 22.02                   | 38.379            |                    |         |
| 2,100.00               | 2,057.21            | 2,251.06            | 2,184.83            | 10.29           | 14.38       | -115.96               | 501.14                            | -563.65    | 835.89               | 812.78                | 23.11                   | 36.175            |                    |         |
| 2,200.00               | 2,153.93            | 2,355.41            | 2,284.25            | 10.78           | 15.16       | -115.97               | 519.01                            | -537.50    | 826.48               | 802.24                | 24.24                   | 34.102            |                    |         |
| 2,300.00               | 2,250.66            | 2,446.18            | 2,371.13            | 11.28           | 15.82       | -116.11               | 532.81                            | -515.14    | 817.10               | 791.82                | 25.29                   | 32.315            |                    |         |
| 2,400.00               | 2,347.39            | 2,543.16            | 2,464.07            | 11.77           | 16.53       | -116.20               | 548.78                            | -492.47    | 809.21               | 782.84                | 26.37                   | 30.686            |                    |         |
| 2,500.00               | 2,444.11            | 2,669.62            | 2,584.68            | 12.27           | 17.48       | -116.28               | 569.46                            | -460.62    | 799.56               | 771.96                | 27.59                   | 28.975            |                    |         |
| 2,600.00               | 2,540.84            | 2,763.18            | 2,673.48            | 12.77           | 18.21       | -116.29               | 584.99                            | -435.57    | 788.34               | 759.64                | 28.70                   | 27.467            |                    |         |
| 2,700.00               | 2,637.57            | 2,845.99            | 2,752.43            | 13.27           | 18.83       | -116.34               | 598.72                            | -414.71    | 778.67               | 748.91                | 29.76                   | 26.167            |                    |         |
| 2,800.00               | 2,734.30            | 2,949.19            | 2,851.35            | 13.78           | 19.59       | -116.54               | 614.03                            | -389.60    | 769.48               | 738.63                | 30.86                   | 24.937            |                    |         |
| 2,900.00               | 2,831.02            | 3,034.88            | 2,933.83            | 14.28           | 20.19       | -116.79               | 625.98                            | -369.66    | 761.18               | 729.32                | 31.87                   | 23.887            |                    |         |
| 3,000.00               | 2,927.75            | 3,116.23            | 3,012.65            | 14.79           | 20.74       | -117.12               | 636.59                            | -352.63    | 755.04               | 722.22                | 32.82                   | 23.006            |                    |         |
| 3,100.00               | 3,024.48            | 3,192.43            | 3,087.08            | 15.29           | 21.21       | -117.54               | 645.68                            | -339.02    | 751.73               | 718.05                | 33.69                   | 22.314            |                    |         |
| 3,173.20               | 3,095.28            | 3,253.02            | 3,146.57            | 15.67           | 21.55       | -117.93               | 652.43                            | -329.78    | 751.13               | 716.82                | 34.31                   | 21.891            |                    |         |
| 3,200.00               | 3,121.20            | 3,275.34            | 3,168.53            | 15.80           | 21.68       | -118.09               | 654.84                            | -326.63    | 751.21               | 716.67                | 34.54                   | 21.751            |                    |         |
| 3,300.00               | 3,217.93            | 3,354.04            | 3,246.21            | 16.31           | 22.09       | -118.69               | 662.94                            | -316.91    | 753.22               | 717.91                | 35.31                   | 21.331            |                    |         |
| 3,400.00               | 3,314.66            | 3,439.36            | 3,330.76            | 16.82           | 22.50       | -119.44               | 670.85                            | -308.69    | 757.84               | 721.76                | 36.08                   | 21.006            |                    |         |
| 3,500.00               | 3,411.38            | 3,524.51            | 3,415.40            | 17.33           | 22.87       | -120.29               | 677.42                            | -302.11    | 764.29               | 727.50                | 36.79                   | 20.774            |                    |         |
| 3,600.00               | 3,508.11            | 3,610.19            | 3,500.81            | 17.84           | 23.21       | -121.29               | 682.17                            | -297.36    | 772.81               | 735.36                | 37.45                   | 20.634            |                    |         |
| 3,700.00               | 3,604.84            | 3,697.24            | 3,587.76            | 18.36           | 23.52       | -122.46               | 684.92                            | -294.12    | 783.18               | 745.11                | 38.07                   | 20.572            |                    |         |
| 3,800.00               | 3,701.56            | 3,793.60            | 3,684.08            | 18.87           | 23.84       | -123.86               | 685.98                            | -291.71    | 794.95               | 756.22                | 38.73                   | 20.527            |                    |         |
| 3,900.00               | 3,798.29            | 3,876.50            | 3,766.96            | 19.38           | 24.11       | -125.06               | 686.61                            | -289.91    | 807.58               | 768.32                | 39.26                   | 20.571            |                    |         |
| 4,000.00               | 3,895.02            | 3,964.74            | 3,855.19            | 19.89           | 24.37       | -126.32               | 687.11                            | -290.00    | 822.78               | 782.95                | 39.83                   | 20.658            |                    |         |
| 4,100.00               | 3,991.74            | 4,062.02            | 3,952.47            | 20.41           | 24.67       | -127.65               | 687.72                            | -290.10    | 838.49               | 798.00                | 40.50                   | 20.706            |                    |         |
| 4,200.00               | 4,088.47            | 4,159.31            | 4,049.76            | 20.92           | 24.97       | -128.90               | 688.96                            | -290.24    | 854.69               | 813.50                | 41.19                   | 20.751            |                    |         |
| 4,300.00               | 4,185.20            | 4,255.93            | 4,146.36            | 21.44           | 25.28       | -130.06               | 690.73                            | -290.35    | 871.21               | 829.32                | 41.89                   | 20.796            |                    |         |
| 4,400.00               | 4,281.92            | 4,349.91            | 4,240.32            | 21.95           | 25.58       | -131.13               | 692.62                            | -290.64    | 888.28               | 845.70                | 42.58                   | 20.860            |                    |         |
| 4,500.00               | 4,378.65            | 4,445.80            | 4,336.18            | 22.47           | 25.89       | -132.17               | 694.81                            | -291.21    | 905.92               | 862.61                | 43.31                   | 20.919            |                    |         |
| 4,600.00               | 4,475.38            | 4,539.44            | 4,429.79            | 22.99           | 26.19       | -133.16               | 696.69                            | -291.97    | 924.08               | 880.07                | 44.01                   | 20.999            |                    |         |
| 4,700.00               | 4,572.10            | 4,634.49            | 4,524.83            | 23.50           | 26.50       | -134.14               | 698.40                            | -292.98    | 942.80               | 898.07                | 44.73                   | 21.079            |                    |         |
| 4,800.00               | 4,668.83            | 4,728.70            | 4,619.01            | 24.02           | 26.80       | -135.08               | 700.05                            | -294.22    | 962.03               | 916.59                | 45.44                   | 21.170            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00               | 4,765.56            | 4,826.82            | 4,717.12            | 24.53           | 27.11       | -136.05               | 701.18                            | -295.60    | 981.69               | 935.49                | 46.20                   | 21.248            |                    |         |
| 5,000.00               | 4,862.28            | 4,944.02            | 4,834.31            | 25.05           | 27.47       | -137.28               | 700.56                            | -295.83    | 1,000.74             | 953.59                | 47.14                   | 21.227            |                    |         |
| 5,100.00               | 4,959.01            | 5,048.64            | 4,938.89            | 25.57           | 27.81       | -138.44               | 698.53                            | -293.69    | 1,018.12             | 970.17                | 47.95                   | 21.233            |                    |         |
| 5,200.00               | 5,055.74            | 5,142.25            | 5,032.47            | 26.09           | 28.11       | -139.42               | 697.14                            | -291.91    | 1,035.93             | 987.26                | 48.67                   | 21.287            |                    |         |
| 5,300.00               | 5,152.46            | 5,232.64            | 5,122.85            | 26.60           | 28.41       | -140.31               | 696.29                            | -290.70    | 1,054.47             | 1,005.11              | 49.36                   | 21.363            |                    |         |
| 5,400.00               | 5,249.19            | 5,327.37            | 5,217.58            | 27.12           | 28.72       | -141.19               | 695.52                            | -289.89    | 1,073.72             | 1,023.62              | 50.11                   | 21.429            |                    |         |
| 5,500.00               | 5,345.92            | 5,436.88            | 5,327.07            | 27.64           | 29.09       | -142.17               | 694.79                            | -288.46    | 1,092.78             | 1,041.76              | 51.02                   | 21.419            |                    |         |
| 5,600.00               | 5,442.65            | 5,526.20            | 5,416.38            | 28.16           | 29.40       | -142.93               | 694.60                            | -287.22    | 1,111.87             | 1,060.13              | 51.74                   | 21.490            |                    |         |
| 5,700.00               | 5,539.37            | 5,617.68            | 5,507.86            | 28.68           | 29.73       | -143.64               | 695.00                            | -286.60    | 1,131.69             | 1,079.20              | 52.49                   | 21.561            |                    |         |
| 5,800.00               | 5,636.10            | 5,714.90            | 5,605.07            | 29.20           | 30.07       | -144.33               | 696.14                            | -286.28    | 1,151.82             | 1,098.51              | 53.31                   | 21.605            |                    |         |
| 5,900.00               | 5,732.83            | 5,808.11            | 5,698.27            | 29.71           | 30.41       | -144.94               | 697.77                            | -286.34    | 1,172.32             | 1,118.22              | 54.10                   | 21.670            |                    |         |
| 6,000.00               | 5,829.55            | 5,901.79            | 5,791.93            | 30.23           | 30.75       | -145.53               | 699.54                            | -286.66    | 1,193.18             | 1,138.29              | 54.89                   | 21.737            |                    |         |
| 6,100.00               | 5,926.28            | 5,990.03            | 5,880.15            | 30.75           | 31.06       | -146.06               | 700.98                            | -287.36    | 1,214.66             | 1,159.04              | 55.62                   | 21.839            |                    |         |
| 6,200.00               | 6,023.01            | 6,078.10            | 5,968.21            | 31.27           | 31.36       | -146.64               | 701.00                            | -288.41    | 1,237.09             | 1,180.76              | 56.33                   | 21.962            |                    |         |
| 6,300.00               | 6,119.73            | 6,182.29            | 6,072.39            | 31.79           | 31.70       | -147.36               | 699.78                            | -289.31    | 1,259.76             | 1,202.54              | 57.21                   | 22.018            |                    |         |
| 6,397.75               | 6,214.28            | 6,283.08            | 6,173.17            | 32.30           | 32.04       | -148.06               | 698.17                            | -289.10    | 1,281.23             | 1,223.16              | 58.07                   | 22.063            |                    |         |
| 6,400.00               | 6,216.46            | 6,285.23            | 6,175.33            | 32.31           | 32.04       | -147.48               | 698.15                            | -289.09    | 1,281.72             | 1,223.63              | 58.09                   | 22.065            |                    |         |
| 6,450.00               | 6,265.12            | 6,331.65            | 6,221.74            | 32.56           | 32.20       | -131.48               | 697.78                            | -289.10    | 1,290.74             | 1,232.28              | 58.46                   | 22.078            |                    |         |
| 6,500.00               | 6,314.12            | 6,375.37            | 6,265.46            | 32.78           | 32.35       | -110.21               | 697.63                            | -289.34    | 1,296.27             | 1,237.47              | 58.79                   | 22.048            |                    |         |
| 6,550.00               | 6,363.16            | 6,420.17            | 6,310.26            | 32.99           | 32.50       | -88.27                | 697.67                            | -289.84    | 1,298.31             | 1,239.19              | 59.12                   | 21.962            |                    |         |
| 6,600.00               | 6,411.94            | 6,466.43            | 6,356.51            | 33.18           | 32.66       | -71.19                | 697.79                            | -290.50    | 1,296.80             | 1,237.36              | 59.44                   | 21.817            |                    |         |
| 6,650.00               | 6,460.15            | 6,514.34            | 6,404.42            | 33.35           | 32.83       | -59.85                | 697.98                            | -291.30    | 1,291.74             | 1,231.98              | 59.77                   | 21.614            |                    |         |
| 6,700.00               | 6,507.49            | 6,564.38            | 6,454.44            | 33.52           | 33.01       | -52.68                | 698.39                            | -292.15    | 1,283.06             | 1,222.96              | 60.10                   | 21.347            |                    |         |
| 6,750.00               | 6,553.69            | 6,610.83            | 6,500.89            | 33.69           | 33.17       | -48.17                | 698.97                            | -292.96    | 1,270.83             | 1,210.44              | 60.39                   | 21.044            |                    |         |
| 6,800.00               | 6,598.44            | 6,654.55            | 6,544.59            | 33.85           | 33.33       | -45.43                | 699.67                            | -293.84    | 1,255.27             | 1,194.64              | 60.64                   | 20.701            |                    |         |
| 6,850.00               | 6,641.47            | 6,697.42            | 6,587.44            | 34.02           | 33.48       | -43.95                | 700.51                            | -294.81    | 1,236.52             | 1,175.64              | 60.87                   | 20.313            |                    |         |
| 6,900.00               | 6,682.53            | 6,739.04            | 6,629.03            | 34.19           | 33.63       | -43.44                | 701.48                            | -295.84    | 1,214.68             | 1,153.58              | 61.10                   | 19.881            |                    |         |
| 6,950.00               | 6,721.35            | 6,779.13            | 6,669.10            | 34.38           | 33.77       | -43.75                | 702.56                            | -296.91    | 1,189.93             | 1,128.62              | 61.31                   | 19.408            |                    |         |
| 7,000.00               | 6,757.70            | 6,817.51            | 6,707.44            | 34.57           | 33.91       | -44.80                | 703.71                            | -297.95    | 1,162.45             | 1,100.92              | 61.52                   | 18.895            |                    |         |
| 7,050.00               | 6,791.35            | 6,853.24            | 6,743.14            | 34.79           | 34.04       | -46.55                | 704.86                            | -298.94    | 1,132.44             | 1,070.72              | 61.72                   | 18.348            |                    |         |
| 7,100.00               | 6,822.10            | 6,888.77            | 6,778.64            | 35.03           | 34.17       | -49.13                | 706.04                            | -299.85    | 1,100.14             | 1,038.18              | 61.96                   | 17.757            |                    |         |
| 7,150.00               | 6,849.75            | 6,920.53            | 6,810.38            | 35.30           | 34.29       | -52.45                | 707.05                            | -300.53    | 1,065.79             | 1,003.60              | 62.18                   | 17.139            |                    |         |
| 7,200.00               | 6,874.14            | 6,948.35            | 6,838.18            | 35.61           | 34.39       | -56.52                | 707.91                            | -301.03    | 1,029.71             | 967.30                | 62.41                   | 16.498            |                    |         |
| 7,250.00               | 6,895.11            | 6,969.30            | 6,859.12            | 35.95           | 34.47       | -61.12                | 708.58                            | -301.40    | 992.29               | 929.67                | 62.62                   | 15.846            |                    |         |
| 7,300.00               | 6,912.54            | 6,987.44            | 6,877.25            | 36.34           | 34.54       | -66.40                | 709.18                            | -301.75    | 953.86               | 890.99                | 62.87                   | 15.173            |                    |         |
| 7,350.00               | 6,926.31            | 7,002.07            | 6,891.86            | 36.77           | 34.59       | -72.18                | 709.69                            | -302.05    | 914.76               | 851.60                | 63.16                   | 14.484            |                    |         |
| 7,400.00               | 6,936.35            | 7,013.06            | 6,902.85            | 37.25           | 34.63       | -78.24                | 710.08                            | -302.28    | 875.34               | 811.83                | 63.51                   | 13.783            |                    |         |
| 7,450.00               | 6,942.59            | 7,020.32            | 6,910.09            | 37.76           | 34.66       | -84.30                | 710.35                            | -302.43    | 835.96               | 772.03                | 63.93                   | 13.077            |                    |         |
| 7,500.00               | 6,944.99            | 7,023.75            | 6,913.52            | 38.31           | 34.67       | -90.07                | 710.47                            | -302.51    | 796.99               | 732.56                | 64.43                   | 12.370            |                    |         |
| 7,512.10               | 6,945.00            | 7,024.00            | 6,913.77            | 38.44           | 34.67       | -91.40                | 710.48                            | -302.51    | 787.67               | 723.10                | 64.57                   | 12.199            |                    |         |
| 7,600.00               | 6,944.19            | 7,025.00            | 6,914.77            | 39.51           | 34.68       | -91.51                | 710.52                            | -302.54    | 722.29               | 656.50                | 65.79                   | 10.979            |                    |         |
| 7,700.00               | 6,943.28            | 7,026.14            | 6,915.91            | 40.90           | 34.68       | -91.64                | 710.56                            | -302.56    | 654.36               | 586.58                | 67.78                   | 9.654             |                    |         |
| 7,800.00               | 6,942.37            | 7,027.30            | 6,917.07            | 42.44           | 34.69       | -91.77                | 710.60                            | -302.59    | 595.54               | 525.01                | 70.53                   | 8.444             |                    |         |
| 7,900.00               | 6,941.46            | 7,028.48            | 6,918.25            | 44.11           | 34.69       | -91.91                | 710.65                            | -302.61    | 548.76               | 474.75                | 74.01                   | 7.415             |                    |         |
| 8,000.00               | 6,940.55            | 7,029.67            | 6,919.44            | 45.90           | 34.69       | -92.04                | 710.69                            | -302.64    | 517.31               | 439.44                | 77.87                   | 6.643             |                    |         |
| 8,100.00               | 6,939.64            | 7,030.88            | 6,920.65            | 47.80           | 34.70       | -92.18                | 710.74                            | -302.67    | 504.07               | 422.62                | 81.45                   | 6.189             |                    |         |
| 8,117.66               | 6,939.47            | 7,031.10            | 6,920.86            | 48.15           | 34.70       | -92.21                | 710.74                            | -302.67    | 503.76               | 421.76                | 81.99                   | 6.144 CC, ES      |                    |         |
| 8,200.00               | 6,938.72            | 7,032.10            | 6,921.86            | 49.79           | 34.70       | -92.32                | 710.78                            | -302.69    | 510.44               | 426.44                | 84.00                   | 6.076 SF          |                    |         |
| 8,300.00               | 6,937.81            | 7,033.34            | 6,923.10            | 51.86           | 34.71       | -92.46                | 710.83                            | -302.72    | 535.74               | 450.55                | 85.19                   | 6.288             |                    |         |
| 8,400.00               | 6,936.90            | 7,034.59            | 6,924.35            | 54.01           | 34.71       | -92.60                | 710.88                            | -302.75    | 577.48               | 492.30                | 85.18                   | 6.780             |                    |         |
| 8,500.00               | 6,935.99            | 7,035.86            | 6,925.62            | 56.21           | 34.72       | -92.75                | 710.92                            | -302.78    | 632.41               | 548.03                | 84.38                   | 7.495             |                    |         |
| 8,600.00               | 6,935.08            | 7,037.15            | 6,926.91            | 58.47           | 34.72       | -92.89                | 710.97                            | -302.81    | 697.42               | 614.22                | 83.19                   | 8.383             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,700.00               | 6,934.17            | 7,038.45            | 6,928.21            | 60.78           | 34.73       | -93.04                | 711.02                            | -302.84    | 769.97               | 688.06                | 81.90                   | 9.401             |                    |         |
| 8,800.00               | 6,933.25            | 7,039.78            | 6,929.53            | 63.13           | 34.73       | -93.19                | 711.07                            | -302.87    | 848.11               | 767.47                | 80.65                   | 10.516            |                    |         |
| 8,900.00               | 6,932.34            | 7,041.12            | 6,930.87            | 65.52           | 34.74       | -93.35                | 711.12                            | -302.90    | 930.45               | 850.96                | 79.49                   | 11.705            |                    |         |
| 9,000.00               | 6,931.43            | 7,042.48            | 6,932.23            | 67.95           | 34.74       | -93.50                | 711.18                            | -302.93    | 1,015.97             | 937.50                | 78.46                   | 12.949            |                    |         |
| 9,100.00               | 6,930.52            | 7,043.85            | 6,933.61            | 70.40           | 34.75       | -93.66                | 711.23                            | -302.96    | 1,103.91             | 1,026.36              | 77.55                   | 14.234            |                    |         |
| 9,200.00               | 6,929.61            | 7,044.13            | 6,933.88            | 72.89           | 34.75       | -93.69                | 711.24                            | -302.96    | 1,193.77             | 1,117.01              | 76.76                   | 15.553            |                    |         |
| 9,300.00               | 6,928.69            | 7,045.32            | 6,935.07            | 75.40           | 34.75       | -93.82                | 711.29                            | -302.99    | 1,285.11             | 1,209.05              | 76.06                   | 16.896            |                    |         |
| 9,400.00               | 6,927.78            | 7,046.51            | 6,936.26            | 77.93           | 34.76       | -93.96                | 711.33                            | -303.02    | 1,377.66             | 1,302.21              | 75.45                   | 18.260            |                    |         |
| 9,500.00               | 6,926.87            | 7,047.70            | 6,937.45            | 80.48           | 34.76       | -94.09                | 711.38                            | -303.04    | 1,471.18             | 1,396.27              | 74.91                   | 19.639            |                    |         |
| 9,600.00               | 6,925.96            | 7,048.89            | 6,938.64            | 83.05           | 34.77       | -94.23                | 711.43                            | -303.07    | 1,565.51             | 1,491.07              | 74.44                   | 21.031            |                    |         |
| 9,700.00               | 6,925.05            | 7,050.08            | 6,939.82            | 85.64           | 34.77       | -94.36                | 711.47                            | -303.10    | 1,660.49             | 1,586.47              | 74.02                   | 22.433            |                    |         |
| 9,800.00               | 6,924.14            | 7,051.26            | 6,941.01            | 88.25           | 34.78       | -94.50                | 711.52                            | -303.12    | 1,756.04             | 1,682.39              | 73.65                   | 23.843            |                    |         |
| 9,900.00               | 6,923.22            | 7,052.44            | 6,942.19            | 90.86           | 34.78       | -94.63                | 711.57                            | -303.15    | 1,852.05             | 1,778.73              | 73.32                   | 25.260            |                    |         |
| 10,000.00              | 6,922.31            | 7,053.62            | 6,943.37            | 93.50           | 34.79       | -94.77                | 711.61                            | -303.18    | 1,948.46             | 1,875.43              | 73.03                   | 26.682            |                    |         |
| 10,100.00              | 6,921.40            | 7,054.80            | 6,944.55            | 96.14           | 34.79       | -94.90                | 711.66                            | -303.20    | 2,045.22             | 1,972.45              | 72.76                   | 28.108            |                    |         |
| 10,200.00              | 6,920.49            | 7,055.98            | 6,945.72            | 98.79           | 34.79       | -95.03                | 711.71                            | -303.23    | 2,142.27             | 2,069.74              | 72.53                   | 29.537            |                    |         |
| 10,300.00              | 6,919.58            | 7,057.16            | 6,946.90            | 101.45          | 34.80       | -95.17                | 711.75                            | -303.26    | 2,239.58             | 2,167.27              | 72.32                   | 30.969            |                    |         |
| 10,400.00              | 6,918.67            | 7,058.33            | 6,948.07            | 104.13          | 34.80       | -95.30                | 711.80                            | -303.28    | 2,337.12             | 2,265.00              | 72.13                   | 32.402            |                    |         |
| 10,500.00              | 6,917.75            | 7,059.50            | 6,949.24            | 106.81          | 34.81       | -95.43                | 711.85                            | -303.31    | 2,434.86             | 2,362.90              | 71.96                   | 33.838            |                    |         |
| 10,600.00              | 6,916.84            | 7,060.67            | 6,950.41            | 109.50          | 34.81       | -95.57                | 711.89                            | -303.33    | 2,532.78             | 2,460.97              | 71.80                   | 35.274            |                    |         |
| 10,700.00              | 6,915.93            | 7,061.84            | 6,951.58            | 112.19          | 34.82       | -95.70                | 711.94                            | -303.36    | 2,630.85             | 2,559.18              | 71.66                   | 36.711            |                    |         |
| 10,800.00              | 6,915.02            | 7,063.01            | 6,952.74            | 114.90          | 34.82       | -95.83                | 711.99                            | -303.39    | 2,729.06             | 2,657.52              | 71.54                   | 38.148            |                    |         |
| 10,900.00              | 6,914.11            | 7,064.17            | 6,953.91            | 117.61          | 34.82       | -95.96                | 712.03                            | -303.41    | 2,827.39             | 2,755.97              | 71.43                   | 39.585            |                    |         |
| 11,000.00              | 6,913.20            | 7,065.34            | 6,955.07            | 120.32          | 34.83       | -96.09                | 712.08                            | -303.44    | 2,925.84             | 2,854.52              | 71.32                   | 41.022            |                    |         |
| 11,100.00              | 6,912.28            | 7,066.50            | 6,956.23            | 123.04          | 34.83       | -96.23                | 712.13                            | -303.46    | 3,024.39             | 2,953.16              | 71.23                   | 42.458            |                    |         |
| 11,200.00              | 6,911.37            | 7,067.66            | 6,957.39            | 125.77          | 34.84       | -96.36                | 712.17                            | -303.49    | 3,123.03             | 3,051.88              | 71.15                   | 43.894            |                    |         |
| 11,300.00              | 6,910.46            | 7,068.82            | 6,958.55            | 128.50          | 34.84       | -96.49                | 712.22                            | -303.52    | 3,221.75             | 3,150.68              | 71.08                   | 45.328            |                    |         |
| 11,400.00              | 6,909.55            | 7,069.97            | 6,959.70            | 131.24          | 34.85       | -96.62                | 712.27                            | -303.54    | 3,320.55             | 3,249.54              | 71.01                   | 46.762            |                    |         |
| 11,500.00              | 6,908.64            | 7,071.13            | 6,960.86            | 133.98          | 34.85       | -96.75                | 712.32                            | -303.57    | 3,419.42             | 3,348.47              | 70.95                   | 48.194            |                    |         |
| 11,600.00              | 6,907.73            | 7,072.28            | 6,962.01            | 136.72          | 34.86       | -96.88                | 712.36                            | -303.59    | 3,518.36             | 3,447.46              | 70.90                   | 49.625            |                    |         |
| 11,700.00              | 6,906.81            | 7,073.43            | 6,963.16            | 139.47          | 34.86       | -97.01                | 712.41                            | -303.62    | 3,617.35             | 3,546.49              | 70.85                   | 51.054            |                    |         |
| 11,800.00              | 6,905.90            | 7,074.58            | 6,964.31            | 142.22          | 34.86       | -97.14                | 712.46                            | -303.65    | 3,716.39             | 3,645.58              | 70.81                   | 52.482            |                    |         |
| 11,900.00              | 6,904.99            | 7,075.73            | 6,965.45            | 144.97          | 34.87       | -97.27                | 712.51                            | -303.67    | 3,815.49             | 3,744.71              | 70.78                   | 53.908            |                    |         |
| 12,000.00              | 6,904.08            | 7,076.88            | 6,966.60            | 147.73          | 34.87       | -97.40                | 712.55                            | -303.70    | 3,914.63             | 3,843.88              | 70.75                   | 55.332            |                    |         |
| 12,100.00              | 6,903.17            | 7,078.02            | 6,967.74            | 150.49          | 34.88       | -97.53                | 712.60                            | -303.72    | 4,013.81             | 3,943.09              | 70.72                   | 56.754            |                    |         |
| 12,200.00              | 6,902.26            | 7,079.17            | 6,968.88            | 153.26          | 34.88       | -97.66                | 712.65                            | -303.75    | 4,113.03             | 4,042.33              | 70.70                   | 58.174            |                    |         |
| 12,300.00              | 6,901.34            | 7,080.31            | 6,970.02            | 156.02          | 34.89       | -97.79                | 712.70                            | -303.77    | 4,212.29             | 4,141.60              | 70.69                   | 59.592            |                    |         |
| 12,400.00              | 6,900.43            | 7,081.45            | 6,971.16            | 158.79          | 34.89       | -97.91                | 712.74                            | -303.80    | 4,311.58             | 4,240.91              | 70.67                   | 61.007            |                    |         |
| 12,500.00              | 6,899.52            | 7,082.59            | 6,972.30            | 161.56          | 34.89       | -98.04                | 712.79                            | -303.82    | 4,410.91             | 4,340.24              | 70.66                   | 62.420            |                    |         |
| 12,600.00              | 6,898.61            | 7,083.72            | 6,973.43            | 164.34          | 34.90       | -98.17                | 712.84                            | -303.85    | 4,510.26             | 4,439.60              | 70.66                   | 63.831            |                    |         |
| 12,700.00              | 6,897.70            | 7,084.86            | 6,974.57            | 167.11          | 34.90       | -98.30                | 712.89                            | -303.87    | 4,609.64             | 4,538.98              | 70.66                   | 65.239            |                    |         |
| 12,800.00              | 6,896.79            | 7,085.99            | 6,975.70            | 169.89          | 34.91       | -98.43                | 712.94                            | -303.90    | 4,709.05             | 4,638.39              | 70.66                   | 66.645            |                    |         |
| 12,900.00              | 6,895.87            | 7,087.12            | 6,976.83            | 172.67          | 34.91       | -98.55                | 712.98                            | -303.92    | 4,808.48             | 4,737.82              | 70.66                   | 68.048            |                    |         |
| 13,000.00              | 6,894.96            | 7,088.25            | 6,977.96            | 175.45          | 34.92       | -98.68                | 713.03                            | -303.95    | 4,907.93             | 4,837.26              | 70.67                   | 69.448            |                    |         |
| 13,100.00              | 6,894.05            | 7,089.38            | 6,979.09            | 178.23          | 34.92       | -98.81                | 713.08                            | -303.98    | 5,007.41             | 4,936.73              | 70.68                   | 70.846            |                    |         |
| 13,200.00              | 6,893.14            | 7,090.51            | 6,980.21            | 181.02          | 34.92       | -98.93                | 713.13                            | -304.00    | 5,106.91             | 5,036.21              | 70.69                   | 72.240            |                    |         |
| 13,300.00              | 6,892.23            | 7,091.63            | 6,981.33            | 183.80          | 34.93       | -99.06                | 713.18                            | -304.03    | 5,206.42             | 5,135.71              | 70.71                   | 73.632            |                    |         |
| 13,400.00              | 6,891.31            | 7,092.75            | 6,982.46            | 186.59          | 34.93       | -99.19                | 713.22                            | -304.05    | 5,305.95             | 5,235.23              | 70.73                   | 75.021            |                    |         |
| 13,500.00              | 6,890.40            | 7,093.88            | 6,983.58            | 189.38          | 34.94       | -99.31                | 713.27                            | -304.08    | 5,405.50             | 5,334.76              | 70.75                   | 76.407            |                    |         |
| 13,600.00              | 6,889.49            | 7,095.00            | 6,984.69            | 192.17          | 34.94       | -99.44                | 713.32                            | -304.10    | 5,505.07             | 5,434.30              | 70.77                   | 77.790            |                    |         |
| 13,700.00              | 6,888.58            | 7,096.11            | 6,985.81            | 194.97          | 34.95       | -99.56                | 713.37                            | -304.13    | 5,604.65             | 5,533.86              | 70.79                   | 79.169            |                    |         |
| 13,800.00              | 6,887.67            | 7,097.23            | 6,986.93            | 197.76          | 34.95       | -99.69                | 713.42                            | -304.15    | 5,704.25             | 5,633.43              | 70.82                   | 80.546            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 13,900.00              | 6,886.76            | 7,098.35            | 6,988.04            | 200.56          | 34.95       | -99.81                | 713.47                            | -304.17    | 5,803.86             | 5,733.01              | 70.85                   | 81.919            |                    |         |
| 14,000.00              | 6,885.84            | 7,099.46            | 6,989.15            | 203.35          | 34.96       | -99.94                | 713.52                            | -304.20    | 5,903.48             | 5,832.60              | 70.88                   | 83.289            |                    |         |
| 14,100.00              | 6,884.93            | 7,100.57            | 6,990.26            | 206.15          | 34.96       | -100.06               | 713.56                            | -304.22    | 6,003.12             | 5,932.20              | 70.91                   | 84.656            |                    |         |
| 14,200.00              | 6,884.02            | 7,101.68            | 6,991.37            | 208.95          | 34.97       | -100.18               | 713.61                            | -304.25    | 6,102.76             | 6,031.82              | 70.95                   | 86.019            |                    |         |
| 14,300.00              | 6,883.11            | 7,102.79            | 6,992.48            | 211.75          | 34.97       | -100.31               | 713.66                            | -304.27    | 6,202.42             | 6,131.44              | 70.98                   | 87.379            |                    |         |
| 14,400.00              | 6,882.20            | 7,103.90            | 6,993.59            | 214.55          | 34.97       | -100.43               | 713.71                            | -304.30    | 6,302.09             | 6,231.07              | 71.02                   | 88.736            |                    |         |
| 14,500.00              | 6,881.29            | 7,105.00            | 6,994.69            | 217.35          | 34.98       | -100.56               | 713.76                            | -304.32    | 6,401.77             | 6,330.71              | 71.06                   | 90.089            |                    |         |
| 14,600.00              | 6,880.37            | 7,106.11            | 6,995.79            | 220.15          | 34.98       | -100.68               | 713.81                            | -304.35    | 6,501.46             | 6,430.35              | 71.10                   | 91.439            |                    |         |
| 14,700.00              | 6,879.46            | 7,107.21            | 6,996.89            | 222.95          | 34.99       | -100.80               | 713.86                            | -304.37    | 6,601.15             | 6,530.01              | 71.14                   | 92.785            |                    |         |
| 14,800.00              | 6,878.55            | 7,108.31            | 6,997.99            | 225.76          | 34.99       | -100.92               | 713.90                            | -304.40    | 6,700.86             | 6,629.67              | 71.19                   | 94.128            |                    |         |
| 14,900.00              | 6,877.64            | 7,109.41            | 6,999.09            | 228.56          | 35.00       | -101.05               | 713.95                            | -304.42    | 6,800.57             | 6,729.34              | 71.24                   | 95.467            |                    |         |
| 15,000.00              | 6,876.73            | 7,110.51            | 7,000.19            | 231.37          | 35.00       | -101.17               | 714.00                            | -304.45    | 6,900.30             | 6,829.01              | 71.28                   | 96.802            |                    |         |
| 15,100.00              | 6,875.82            | 7,111.60            | 7,001.28            | 234.18          | 35.00       | -101.29               | 714.05                            | -304.47    | 7,000.03             | 6,928.70              | 71.33                   | 98.133            |                    |         |
| 15,200.00              | 6,874.90            | 7,112.70            | 7,002.37            | 236.98          | 35.01       | -101.41               | 714.10                            | -304.49    | 7,099.77             | 7,028.38              | 71.38                   | 99.461            |                    |         |
| 15,300.00              | 6,873.99            | 7,113.79            | 7,003.47            | 239.79          | 35.01       | -101.53               | 714.15                            | -304.52    | 7,199.51             | 7,128.08              | 71.43                   | 100.786           |                    |         |
| 15,400.00              | 6,873.08            | 7,114.88            | 7,004.56            | 242.60          | 35.02       | -101.65               | 714.20                            | -304.54    | 7,299.26             | 7,227.78              | 71.49                   | 102.106           |                    |         |
| 15,500.00              | 6,872.17            | 7,115.97            | 7,005.64            | 245.41          | 35.02       | -101.77               | 714.25                            | -304.57    | 7,399.02             | 7,327.48              | 71.54                   | 103.422           |                    |         |
| 15,600.00              | 6,871.26            | 7,117.06            | 7,006.73            | 248.22          | 35.02       | -101.90               | 714.30                            | -304.59    | 7,498.79             | 7,427.19              | 71.60                   | 104.735           |                    |         |
| 15,700.00              | 6,870.35            | 7,118.15            | 7,007.82            | 251.03          | 35.03       | -102.02               | 714.34                            | -304.61    | 7,598.56             | 7,526.90              | 71.65                   | 106.044           |                    |         |
| 15,737.91              | 6,870.00            | 7,118.56            | 7,008.23            | 252.10          | 35.03       | -102.06               | 714.36                            | -304.62    | 7,636.38             | 7,564.70              | 71.68                   | 106.539           |                    |         |
| 15,738.53              | 6,869.99            | 7,118.56            | 7,008.23            | 252.11          | 35.03       | -102.06               | 714.36                            | -304.62    | 7,637.00             | 7,565.32              | 71.68                   | 106.547           |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -75.76                | 243.74                            | -960.10    | 991.36               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 56.62               | 56.62               | 3.28            | 3.29        | -75.75                | 243.84                            | -960.15    | 990.63               | 984.06                | 6.57                    | 150.741           |                    |         |
| 200.00                 | 200.00              | 148.92              | 148.91              | 3.34            | 3.34        | -75.70                | 244.79                            | -960.60    | 991.36               | 984.69                | 6.68                    | 148.494           |                    |         |
| 300.00                 | 300.00              | 247.04              | 247.01              | 3.44            | 3.44        | -75.61                | 246.72                            | -961.38    | 992.62               | 985.73                | 6.89                    | 144.062           |                    |         |
| 400.00                 | 399.98              | 331.62              | 331.55              | 3.60            | 3.58        | -105.67               | 249.00                            | -962.58    | 995.14               | 987.96                | 7.18                    | 138.519           |                    |         |
| 500.00                 | 499.84              | 405.04              | 404.88              | 3.81            | 3.72        | -105.65               | 251.86                            | -964.94    | 1,000.66             | 993.12                | 7.54                    | 132.668           |                    |         |
| 550.00                 | 549.68              | 441.15              | 440.89              | 3.93            | 3.80        | -105.65               | 253.76                            | -966.76    | 1,004.82             | 997.08                | 7.75                    | 129.719           |                    |         |
| 600.00                 | 599.45              | 479.95              | 479.54              | 4.06            | 3.89        | -107.95               | 256.13                            | -969.12    | 1,009.92             | 1,001.95              | 7.97                    | 126.733           |                    |         |
| 700.00                 | 698.71              | 555.10              | 554.29              | 4.33            | 4.09        | -110.86               | 261.58                            | -974.73    | 1,023.06             | 1,014.61              | 8.45                    | 121.077           |                    |         |
| 800.00                 | 797.49              | 628.14              | 626.74              | 4.64            | 4.31        | -112.66               | 267.37                            | -981.96    | 1,040.41             | 1,031.44              | 8.97                    | 115.962           |                    |         |
| 900.00                 | 895.68              | 706.77              | 704.54              | 4.97            | 4.57        | -113.97               | 273.79                            | -991.31    | 1,061.54             | 1,052.00              | 9.54                    | 111.250           |                    |         |
| 1,000.00               | 993.14              | 787.86              | 784.57              | 5.33            | 4.87        | -115.00               | 281.00                            | -1,002.17  | 1,086.11             | 1,075.95              | 10.16                   | 106.950           |                    |         |
| 1,039.84               | 1,031.75            | 823.64              | 819.84              | 5.48            | 5.01        | -115.40               | 284.33                            | -1,007.19  | 1,096.69             | 1,086.27              | 10.42                   | 105.261           |                    |         |
| 1,100.00               | 1,089.94            | 874.71              | 870.16              | 5.72            | 5.22        | -115.86               | 289.08                            | -1,014.51  | 1,113.12             | 1,102.31              | 10.81                   | 102.926           |                    |         |
| 1,200.00               | 1,186.67            | 940.12              | 934.49              | 6.13            | 5.50        | -116.47               | 294.72                            | -1,024.88  | 1,142.00             | 1,130.58              | 11.42                   | 99.966            |                    |         |
| 1,300.00               | 1,283.39            | 998.44              | 991.59              | 6.55            | 5.77        | -117.06               | 298.78                            | -1,036.01  | 1,173.87             | 1,161.85              | 12.01                   | 97.714            |                    |         |
| 1,400.00               | 1,380.12            | 1,053.07            | 1,044.71            | 6.99            | 6.04        | -117.59               | 302.95                            | -1,048.06  | 1,208.88             | 1,196.29              | 12.59                   | 96.046            |                    |         |
| 1,500.00               | 1,476.85            | 1,112.53            | 1,102.06            | 7.45            | 6.36        | -118.11               | 308.30                            | -1,062.79  | 1,246.81             | 1,233.63              | 13.18                   | 94.597            |                    |         |
| 1,600.00               | 1,573.57            | 1,182.97            | 1,169.55            | 7.90            | 6.77        | -118.69               | 315.19                            | -1,081.76  | 1,287.00             | 1,273.17              | 13.83                   | 93.050            |                    |         |
| 1,700.00               | 1,670.30            | 1,271.76            | 1,254.58            | 8.37            | 7.32        | -119.39               | 323.71                            | -1,105.90  | 1,327.66             | 1,313.07              | 14.60                   | 90.960            |                    |         |
| 1,800.00               | 1,767.03            | 1,349.96            | 1,329.18            | 8.85            | 7.82        | -119.94               | 332.03                            | -1,127.82  | 1,369.35             | 1,354.03              | 15.32                   | 89.391            |                    |         |
| 1,900.00               | 1,863.75            | 1,451.06            | 1,425.59            | 9.32            | 8.51        | -120.49               | 345.33                            | -1,155.14  | 1,410.44             | 1,394.22              | 16.21                   | 87.009            |                    |         |
| 2,000.00               | 1,960.48            | 1,515.28            | 1,486.56            | 9.81            | 8.96        | -120.79               | 354.58                            | -1,173.06  | 1,452.61             | 1,435.73              | 16.88                   | 86.079            |                    |         |
| 2,100.00               | 2,057.21            | 1,592.24            | 1,559.27            | 10.29           | 9.53        | -121.11               | 366.14                            | -1,195.46  | 1,496.03             | 1,478.39              | 17.64                   | 84.816            |                    |         |
| 2,200.00               | 2,153.93            | 1,706.97            | 1,667.61            | 10.78           | 10.40       | -121.52               | 384.51                            | -1,228.46  | 1,539.29             | 1,520.59              | 18.70                   | 82.311            |                    |         |
| 2,300.00               | 2,250.66            | 1,824.03            | 1,778.52            | 11.28           | 11.29       | -121.85               | 404.68                            | -1,260.01  | 1,580.97             | 1,561.16              | 19.81                   | 79.811            |                    |         |
| 2,400.00               | 2,347.39            | 1,927.04            | 1,876.37            | 11.77           | 12.06       | -122.08               | 423.27                            | -1,286.28  | 1,621.36             | 1,600.53              | 20.83                   | 77.855            |                    |         |
| 2,500.00               | 2,444.11            | 2,035.53            | 1,979.68            | 12.27           | 12.87       | -122.33               | 442.34                            | -1,313.38  | 1,661.27             | 1,639.37              | 21.89                   | 75.875            |                    |         |
| 2,600.00               | 2,540.84            | 2,105.56            | 2,046.41            | 12.77           | 13.40       | -122.49               | 454.48                            | -1,330.78  | 1,701.07             | 1,678.40              | 22.67                   | 75.043            |                    |         |
| 2,700.00               | 2,637.57            | 2,206.18            | 2,142.03            | 13.27           | 14.16       | -122.71               | 472.02                            | -1,356.73  | 1,741.79             | 1,718.10              | 23.69                   | 73.514            |                    |         |
| 2,800.00               | 2,734.30            | 2,290.16            | 2,222.15            | 13.78           | 14.80       | -122.91               | 485.70                            | -1,377.88  | 1,781.83             | 1,757.25              | 24.58                   | 72.483            |                    |         |
| 2,900.00               | 2,831.02            | 2,366.93            | 2,295.28            | 14.28           | 15.39       | -123.11               | 497.76                            | -1,397.87  | 1,822.66             | 1,797.24              | 25.42                   | 71.712            |                    |         |
| 3,000.00               | 2,927.75            | 2,453.85            | 2,377.76            | 14.79           | 16.07       | -123.29               | 512.64                            | -1,420.92  | 1,864.05             | 1,837.71              | 26.34                   | 70.759            |                    |         |
| 3,100.00               | 3,024.48            | 2,534.71            | 2,454.38            | 15.29           | 16.72       | -123.43               | 526.99                            | -1,442.39  | 1,905.56             | 1,878.33              | 27.23                   | 69.978            |                    |         |
| 3,200.00               | 3,121.20            | 2,610.11            | 2,525.30            | 15.80           | 17.34       | -123.49               | 542.31                            | -1,462.91  | 1,947.85             | 1,919.77              | 28.08                   | 69.366            |                    |         |
| 3,300.00               | 3,217.93            | 2,696.68            | 2,606.18            | 16.31           | 18.08       | -123.49               | 561.91                            | -1,486.74  | 1,990.64             | 1,961.58              | 29.05                   | 68.519            |                    |         |
| 3,400.00               | 3,314.66            | 3,144.25            | 3,035.61            | 16.82           | 21.19       | -123.80               | 651.64                            | -1,569.79  | 2,022.76             | 1,989.88              | 32.88                   | 61.515            |                    |         |
| 3,500.00               | 3,411.38            | 3,306.54            | 3,196.17            | 17.33           | 21.99       | -124.32               | 669.20                            | -1,585.38  | 2,047.62             | 2,013.42              | 34.21                   | 59.861            |                    |         |
| 3,600.00               | 3,508.11            | 3,489.62            | 3,378.57            | 17.84           | 22.73       | -125.14               | 679.21                            | -1,596.99  | 2,069.23             | 2,033.71              | 35.52                   | 58.255            |                    |         |
| 3,700.00               | 3,604.84            | 3,651.25            | 3,540.08            | 18.36           | 23.27       | -126.01               | 681.85                            | -1,601.92  | 2,087.69             | 2,051.04              | 36.65                   | 56.970            |                    |         |
| 3,800.00               | 3,701.56            | 3,737.61            | 3,626.42            | 18.87           | 23.51       | -126.53               | 680.94                            | -1,603.34  | 2,104.61             | 2,067.14              | 37.47                   | 56.166            |                    |         |
| 3,900.00               | 3,798.29            | 3,845.72            | 3,734.51            | 19.38           | 23.82       | -127.17               | 679.57                            | -1,604.81  | 2,121.50             | 2,083.13              | 38.37                   | 55.294            |                    |         |
| 4,000.00               | 3,895.02            | 3,940.73            | 3,829.51            | 19.89           | 24.09       | -127.73               | 678.13                            | -1,605.91  | 2,138.39             | 2,099.17              | 39.22                   | 54.525            |                    |         |
| 4,100.00               | 3,991.74            | 4,024.61            | 3,913.36            | 20.41           | 24.33       | -128.23               | 676.52                            | -1,607.05  | 2,155.71             | 2,115.68              | 40.03                   | 53.851            |                    |         |
| 4,200.00               | 4,088.47            | 4,095.70            | 3,984.41            | 20.92           | 24.55       | -128.65               | 675.03                            | -1,608.77  | 2,174.23             | 2,133.44              | 40.79                   | 53.297            |                    |         |
| 4,300.00               | 4,185.20            | 4,300.00            | 4,130.46            | 21.44           | 25.18       | -129.45               | 673.61                            | -1,611.30  | 2,192.26             | 2,150.21              | 42.05                   | 52.139            |                    |         |
| 4,400.00               | 4,281.92            | 4,374.47            | 4,263.12            | 21.95           | 25.41       | -130.11               | 674.76                            | -1,610.48  | 2,208.01             | 2,165.18              | 42.83                   | 51.547            |                    |         |
| 4,500.00               | 4,378.65            | 4,467.51            | 4,356.15            | 22.47           | 25.70       | -130.54               | 676.16                            | -1,609.65  | 2,223.82             | 2,180.12              | 43.70                   | 50.891            |                    |         |
| 4,600.00               | 4,475.38            | 4,555.97            | 4,444.60            | 22.99           | 25.99       | -130.95               | 677.63                            | -1,609.26  | 2,240.17             | 2,195.63              | 44.55                   | 50.288            |                    |         |
| 4,700.00               | 4,572.10            | 4,654.35            | 4,542.96            | 23.50           | 26.31       | -131.39               | 679.50                            | -1,608.78  | 2,256.61             | 2,211.18              | 45.44                   | 49.666            |                    |         |
| 4,800.00               | 4,668.83            | 4,768.84            | 4,657.44            | 24.02           | 26.68       | -131.91               | 680.94                            | -1,608.36  | 2,273.41             | 2,227.03              | 46.38                   | 49.020            |                    |         |
| 4,900.00               | 4,765.56            | 4,872.19            | 4,760.77            | 24.53           | 26.99       | -132.43               | 680.11                            | -1,606.52  | 2,289.02             | 2,241.76              | 47.26                   | 48.437            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00               | 4,862.28            | 4,958.74            | 4,847.30            | 25.05           | 27.25       | -132.85               | 679.49                            | -1,605.35  | 2,305.21             | 2,257.13              | 48.08                   | 47.948            |                    |         |
| 5,100.00               | 4,959.01            | 5,042.33            | 4,930.89            | 25.57           | 27.51       | -133.25               | 679.30                            | -1,604.65  | 2,322.02             | 2,273.13              | 48.89                   | 47.497            |                    |         |
| 5,200.00               | 5,055.74            | 5,128.23            | 5,016.79            | 26.09           | 27.79       | -133.64               | 679.26                            | -1,604.43  | 2,339.52             | 2,289.81              | 49.71                   | 47.062            |                    |         |
| 5,300.00               | 5,152.46            | 5,212.04            | 5,100.60            | 26.60           | 28.08       | -134.02               | 679.45                            | -1,604.61  | 2,357.60             | 2,307.07              | 50.53                   | 46.654            |                    |         |
| 5,400.00               | 5,249.19            | 5,301.04            | 5,189.59            | 27.12           | 28.39       | -134.41               | 679.88                            | -1,605.32  | 2,376.32             | 2,324.94              | 51.38                   | 46.250            |                    |         |
| 5,500.00               | 5,345.92            | 5,384.44            | 5,273.00            | 27.64           | 28.68       | -134.77               | 680.02                            | -1,606.17  | 2,395.45             | 2,343.25              | 52.20                   | 45.891            |                    |         |
| 5,600.00               | 5,442.65            | 5,468.08            | 5,356.62            | 28.16           | 28.99       | -135.12               | 680.51                            | -1,607.68  | 2,415.38             | 2,362.36              | 53.02                   | 45.557            |                    |         |
| 5,700.00               | 5,539.37            | 5,577.71            | 5,466.20            | 28.68           | 29.40       | -135.54               | 682.50                            | -1,609.92  | 2,435.53             | 2,381.56              | 53.98                   | 45.123            |                    |         |
| 5,800.00               | 5,636.10            | 5,723.67            | 5,512.13            | 29.20           | 29.92       | -136.11               | 684.21                            | -1,610.60  | 2,454.31             | 2,399.24              | 55.08                   | 44.561            |                    |         |
| 5,900.00               | 5,732.83            | 5,819.92            | 5,608.38            | 29.71           | 30.23       | -136.52               | 683.81                            | -1,609.70  | 2,472.10             | 2,416.17              | 55.93                   | 44.197            |                    |         |
| 6,000.00               | 5,829.55            | 5,898.33            | 5,786.79            | 30.23           | 30.50       | -136.85               | 683.53                            | -1,609.52  | 2,490.65             | 2,433.94              | 56.71                   | 43.915            |                    |         |
| 6,100.00               | 5,926.28            | 5,987.20            | 5,875.66            | 30.75           | 30.80       | -137.21               | 683.35                            | -1,609.73  | 2,509.77             | 2,452.22              | 57.55                   | 43.613            |                    |         |
| 6,200.00               | 6,023.01            | 6,073.90            | 5,962.36            | 31.27           | 31.11       | -137.55               | 683.37                            | -1,610.26  | 2,529.32             | 2,470.95              | 58.37                   | 43.330            |                    |         |
| 6,300.00               | 6,119.73            | 6,156.33            | 6,044.78            | 31.79           | 31.42       | -137.87               | 683.84                            | -1,611.23  | 2,549.45             | 2,490.26              | 59.18                   | 43.077            |                    |         |
| 6,397.75               | 6,214.28            | 6,233.14            | 6,121.57            | 32.30           | 31.71       | -138.14               | 684.78                            | -1,612.75  | 2,569.83             | 2,509.88              | 59.96                   | 42.862            |                    |         |
| 6,400.00               | 6,216.46            | 6,235.47            | 6,123.90            | 32.31           | 31.72       | -137.55               | 684.81                            | -1,612.80  | 2,570.31             | 2,510.33              | 59.98                   | 42.855            |                    |         |
| 6,450.00               | 6,265.12            | 6,287.62            | 6,176.03            | 32.56           | 31.93       | -121.55               | 685.81                            | -1,614.02  | 2,578.80             | 2,518.36              | 60.44                   | 42.668            |                    |         |
| 6,500.00               | 6,314.12            | 6,367.46            | 6,255.83            | 32.78           | 32.24       | -100.34               | 687.58                            | -1,615.54  | 2,583.28             | 2,522.24              | 61.03                   | 42.325            |                    |         |
| 6,550.00               | 6,363.16            | 6,432.96            | 6,321.33            | 32.99           | 32.48       | -78.35                | 688.18                            | -1,615.76  | 2,583.16             | 2,521.63              | 61.53                   | 41.984            |                    |         |
| 6,600.00               | 6,411.94            | 6,474.76            | 6,363.13            | 33.18           | 32.63       | -61.05                | 687.97                            | -1,615.81  | 2,579.25             | 2,517.37              | 61.88                   | 41.684            |                    |         |
| 6,650.00               | 6,460.15            | 6,515.86            | 6,404.22            | 33.35           | 32.77       | -49.38                | 687.39                            | -1,615.90  | 2,571.65             | 2,509.45              | 62.20                   | 41.345            |                    |         |
| 6,700.00               | 6,507.49            | 6,556.26            | 6,444.61            | 33.52           | 32.92       | -41.76                | 686.85                            | -1,616.10  | 2,560.42             | 2,497.92              | 62.50                   | 40.967            |                    |         |
| 6,750.00               | 6,553.69            | 6,612.42            | 6,500.77            | 33.69           | 33.11       | -36.82                | 686.17                            | -1,616.47  | 2,545.57             | 2,482.71              | 62.86                   | 40.497            |                    |         |
| 6,800.00               | 6,598.44            | 6,687.44            | 6,575.78            | 33.85           | 33.37       | -33.71                | 684.83                            | -1,616.07  | 2,526.62             | 2,463.33              | 63.29                   | 39.923            |                    |         |
| 6,850.00               | 6,641.47            | 6,738.78            | 6,627.10            | 34.02           | 33.54       | -31.64                | 683.79                            | -1,615.40  | 2,503.94             | 2,440.35              | 63.59                   | 39.379            |                    |         |
| 6,900.00               | 6,682.53            | 6,784.81            | 6,673.12            | 34.19           | 33.69       | -30.38                | 682.90                            | -1,614.67  | 2,477.84             | 2,413.99              | 63.85                   | 38.809            |                    |         |
| 6,950.00               | 6,721.35            | 6,826.03            | 6,714.33            | 34.38           | 33.83       | -29.77                | 682.40                            | -1,614.01  | 2,448.55             | 2,384.48              | 64.07                   | 38.214            |                    |         |
| 7,000.00               | 6,757.70            | 6,862.06            | 6,750.35            | 34.57           | 33.96       | -29.71                | 682.22                            | -1,613.46  | 2,416.29             | 2,352.02              | 64.27                   | 37.595            |                    |         |
| 7,050.00               | 6,791.35            | 6,891.04            | 6,779.33            | 34.79           | 34.06       | -30.14                | 682.17                            | -1,613.07  | 2,381.32             | 2,316.89              | 64.43                   | 36.961            |                    |         |
| 7,100.00               | 6,822.10            | 6,917.61            | 6,805.90            | 35.03           | 34.15       | -31.13                | 682.18                            | -1,612.77  | 2,343.88             | 2,279.31              | 64.57                   | 36.300            |                    |         |
| 7,150.00               | 6,849.75            | 6,941.59            | 6,829.88            | 35.30           | 34.24       | -32.75                | 682.22                            | -1,612.55  | 2,304.17             | 2,239.48              | 64.70                   | 35.615            |                    |         |
| 7,200.00               | 6,874.14            | 6,965.67            | 6,853.96            | 35.61           | 34.32       | -35.21                | 682.30                            | -1,612.35  | 2,262.43             | 2,197.60              | 64.83                   | 34.900            |                    |         |
| 7,250.00               | 6,895.11            | 6,986.40            | 6,874.69            | 35.95           | 34.40       | -38.70                | 682.40                            | -1,612.19  | 2,218.88             | 2,153.93              | 64.94                   | 34.167            |                    |         |
| 7,300.00               | 6,912.54            | 7,003.58            | 6,891.86            | 36.34           | 34.46       | -43.59                | 682.51                            | -1,612.06  | 2,173.79             | 2,108.74              | 65.05                   | 33.419            |                    |         |
| 7,350.00               | 6,926.31            | 7,017.09            | 6,905.38            | 36.77           | 34.51       | -50.47                | 682.60                            | -1,611.96  | 2,127.43             | 2,062.29              | 65.14                   | 32.658            |                    |         |
| 7,400.00               | 6,936.35            | 7,026.85            | 6,915.13            | 37.25           | 34.55       | -60.13                | 682.68                            | -1,611.89  | 2,080.10             | 2,014.87              | 65.23                   | 31.889            |                    |         |
| 7,450.00               | 6,942.59            | 7,032.78            | 6,921.06            | 37.76           | 34.57       | -73.34                | 682.73                            | -1,611.85  | 2,032.08             | 1,966.77              | 65.31                   | 31.114            |                    |         |
| 7,500.00               | 6,944.99            | 7,034.84            | 6,923.12            | 38.31           | 34.58       | -89.97                | 682.75                            | -1,611.84  | 1,983.65             | 1,918.27              | 65.39                   | 30.337            |                    |         |
| 7,512.10               | 6,945.00            | 7,034.75            | 6,923.04            | 38.44           | 34.58       | -94.31                | 682.75                            | -1,611.84  | 1,971.91             | 1,906.50              | 65.41                   | 30.149            |                    |         |
| 7,600.00               | 6,944.19            | 7,033.29            | 6,921.58            | 39.51           | 34.57       | -94.13                | 682.74                            | -1,611.85  | 1,886.68             | 1,821.13              | 65.55                   | 28.782            |                    |         |
| 7,700.00               | 6,943.28            | 7,031.63            | 6,919.91            | 40.90           | 34.57       | -93.93                | 682.72                            | -1,611.86  | 1,790.04             | 1,724.28              | 65.76                   | 27.220            |                    |         |
| 7,800.00               | 6,942.37            | 7,029.96            | 6,918.25            | 42.44           | 34.56       | -93.73                | 682.71                            | -1,611.87  | 1,693.78             | 1,627.75              | 66.03                   | 25.650            |                    |         |
| 7,900.00               | 6,941.46            | 7,028.29            | 6,916.58            | 44.11           | 34.55       | -93.53                | 682.69                            | -1,611.88  | 1,597.99             | 1,531.60              | 66.38                   | 24.073            |                    |         |
| 8,000.00               | 6,940.55            | 7,026.61            | 6,914.90            | 45.90           | 34.55       | -93.32                | 682.68                            | -1,611.90  | 1,502.73             | 1,435.91              | 66.82                   | 22.488            |                    |         |
| 8,100.00               | 6,939.64            | 7,024.93            | 6,913.22            | 47.80           | 34.54       | -93.12                | 682.67                            | -1,611.91  | 1,408.14             | 1,340.74              | 67.39                   | 20.894            |                    |         |
| 8,200.00               | 6,938.72            | 7,023.25            | 6,911.53            | 49.79           | 34.53       | -92.92                | 682.65                            | -1,611.92  | 1,314.34             | 1,246.22              | 68.12                   | 19.293            |                    |         |
| 8,300.00               | 6,937.81            | 7,021.56            | 6,909.85            | 51.86           | 34.53       | -92.71                | 682.64                            | -1,611.93  | 1,221.53             | 1,152.47              | 69.06                   | 17.688            |                    |         |
| 8,400.00               | 6,936.90            | 7,019.87            | 6,908.15            | 54.01           | 34.52       | -92.51                | 682.63                            | -1,611.94  | 1,129.94             | 1,059.67              | 70.27                   | 16.081            |                    |         |
| 8,500.00               | 6,935.99            | 7,018.17            | 6,906.46            | 56.21           | 34.52       | -92.30                | 682.61                            | -1,611.96  | 1,039.89             | 968.07                | 71.82                   | 14.479            |                    |         |
| 8,600.00               | 6,935.08            | 7,016.47            | 6,904.76            | 58.47           | 34.51       | -92.09                | 682.60                            | -1,611.97  | 951.84               | 878.01                | 73.82                   | 12.893            |                    |         |
| 8,700.00               | 6,934.17            | 7,014.76            | 6,903.05            | 60.78           | 34.50       | -91.89                | 682.59                            | -1,611.98  | 866.37               | 789.97                | 76.40                   | 11.340            |                    |         |
| 8,800.00               | 6,933.25            | 7,013.05            | 6,901.34            | 63.13           | 34.50       | -91.68                | 682.57                            | -1,611.99  | 784.35               | 704.66                | 79.70                   | 9.842             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00               | 6,932.34            | 7,011.34            | 6,899.63            | 65.52           | 34.49       | -91.47                | 682.56                            | -1,612.00  | 706.97               | 623.12                | 83.85                   | 8.431             |                    |         |
| 9,000.00               | 6,931.43            | 7,009.62            | 6,897.91            | 67.95           | 34.48       | -91.26                | 682.55                            | -1,612.02  | 635.93               | 546.97                | 88.95                   | 7.149             |                    |         |
| 9,100.00               | 6,930.52            | 7,007.90            | 6,896.18            | 70.40           | 34.48       | -91.05                | 682.54                            | -1,612.03  | 573.58               | 478.66                | 94.92                   | 6.043             |                    |         |
| 9,200.00               | 6,929.61            | 7,006.17            | 6,894.46            | 72.89           | 34.47       | -90.84                | 682.52                            | -1,612.04  | 523.04               | 421.73                | 101.32                  | 5.162             |                    |         |
| 9,300.00               | 6,928.69            | 7,004.44            | 6,892.73            | 75.40           | 34.47       | -90.63                | 682.51                            | -1,612.06  | 488.01               | 380.82                | 107.19                  | 4.553             |                    |         |
| 9,400.00               | 6,927.78            | 7,002.70            | 6,890.99            | 77.93           | 34.46       | -90.42                | 682.50                            | -1,612.07  | 471.94               | 360.74                | 111.20                  | 4.244             |                    |         |
| 9,427.17               | 6,927.54            | 7,002.23            | 6,890.52            | 78.62           | 34.46       | -90.36                | 682.50                            | -1,612.07  | 471.15               | 359.34                | 111.82                  | 4.214             | CC, ES, SF         |         |
| 9,500.00               | 6,926.87            | 7,000.96            | 6,889.25            | 80.48           | 34.45       | -90.21                | 682.49                            | -1,612.08  | 476.75               | 364.39                | 112.36                  | 4.243             |                    |         |
| 9,600.00               | 6,925.96            | 6,999.22            | 6,887.50            | 83.05           | 34.45       | -90.00                | 682.48                            | -1,612.09  | 501.84               | 391.12                | 110.72                  | 4.532             |                    |         |
| 9,700.00               | 6,925.05            | 6,997.47            | 6,885.75            | 85.64           | 34.44       | -89.78                | 682.47                            | -1,612.11  | 544.43               | 437.15                | 107.28                  | 5.075             |                    |         |
| 9,800.00               | 6,924.14            | 6,995.71            | 6,884.00            | 88.25           | 34.43       | -89.57                | 682.46                            | -1,612.12  | 600.79               | 497.67                | 103.12                  | 5.826             |                    |         |
| 9,900.00               | 6,923.22            | 6,993.95            | 6,882.24            | 90.86           | 34.43       | -89.36                | 682.44                            | -1,612.13  | 667.45               | 568.45                | 99.00                   | 6.742             |                    |         |
| 10,000.00              | 6,922.31            | 6,992.19            | 6,880.48            | 93.50           | 34.42       | -89.14                | 682.43                            | -1,612.15  | 741.64               | 646.37                | 95.26                   | 7.785             |                    |         |
| 10,100.00              | 6,921.40            | 6,990.42            | 6,878.71            | 96.14           | 34.41       | -88.93                | 682.42                            | -1,612.16  | 821.31               | 729.29                | 92.02                   | 8.925             |                    |         |
| 10,200.00              | 6,920.49            | 6,988.65            | 6,876.94            | 98.79           | 34.41       | -88.71                | 682.41                            | -1,612.17  | 905.03               | 815.77                | 89.26                   | 10.139            |                    |         |
| 10,300.00              | 6,919.58            | 6,986.88            | 6,875.16            | 101.45          | 34.40       | -88.50                | 682.40                            | -1,612.19  | 991.76               | 904.83                | 86.93                   | 11.409            |                    |         |
| 10,400.00              | 6,918.67            | 6,985.09            | 6,873.38            | 104.13          | 34.39       | -88.28                | 682.39                            | -1,612.20  | 1,080.79             | 995.83                | 84.96                   | 12.721            |                    |         |
| 10,500.00              | 6,917.75            | 6,983.31            | 6,871.60            | 106.81          | 34.39       | -88.06                | 682.38                            | -1,612.21  | 1,171.59             | 1,088.30              | 83.29                   | 14.066            |                    |         |
| 10,600.00              | 6,916.84            | 6,981.52            | 6,869.81            | 109.50          | 34.38       | -87.85                | 682.37                            | -1,612.23  | 1,263.77             | 1,181.90              | 81.87                   | 15.437            |                    |         |
| 10,700.00              | 6,915.93            | 6,979.72            | 6,868.01            | 112.19          | 34.37       | -87.63                | 682.36                            | -1,612.24  | 1,357.06             | 1,276.41              | 80.65                   | 16.827            |                    |         |
| 10,800.00              | 6,915.02            | 6,977.92            | 6,866.21            | 114.90          | 34.37       | -87.41                | 682.36                            | -1,612.26  | 1,451.24             | 1,371.64              | 79.60                   | 18.231            |                    |         |
| 10,900.00              | 6,914.11            | 6,976.12            | 6,864.41            | 117.61          | 34.36       | -87.19                | 682.35                            | -1,612.27  | 1,546.15             | 1,467.45              | 78.69                   | 19.648            |                    |         |
| 11,000.00              | 6,913.20            | 6,974.31            | 6,862.60            | 120.32          | 34.36       | -86.97                | 682.34                            | -1,612.28  | 1,641.66             | 1,563.76              | 77.90                   | 21.073            |                    |         |
| 11,100.00              | 6,912.28            | 6,972.50            | 6,860.78            | 123.04          | 34.35       | -86.75                | 682.33                            | -1,612.30  | 1,737.68             | 1,660.46              | 77.21                   | 22.506            |                    |         |
| 11,200.00              | 6,911.37            | 6,970.68            | 6,858.97            | 125.77          | 34.34       | -86.53                | 682.32                            | -1,612.31  | 1,834.11             | 1,757.51              | 76.60                   | 23.944            |                    |         |
| 11,300.00              | 6,910.46            | 6,968.85            | 6,857.14            | 128.50          | 34.34       | -86.31                | 682.31                            | -1,612.33  | 1,930.92             | 1,854.85              | 76.06                   | 25.385            |                    |         |
| 11,400.00              | 6,909.55            | 6,967.03            | 6,855.32            | 131.24          | 34.33       | -86.09                | 682.31                            | -1,612.34  | 2,028.02             | 1,952.44              | 75.59                   | 26.830            |                    |         |
| 11,500.00              | 6,908.64            | 6,965.19            | 6,853.48            | 133.98          | 34.32       | -85.87                | 682.30                            | -1,612.36  | 2,125.40             | 2,050.24              | 75.16                   | 28.277            |                    |         |
| 11,600.00              | 6,907.73            | 6,963.36            | 6,851.65            | 136.72          | 34.31       | -85.65                | 682.29                            | -1,612.37  | 2,223.01             | 2,148.22              | 74.78                   | 29.726            |                    |         |
| 11,700.00              | 6,906.81            | 6,961.51            | 6,849.80            | 139.47          | 34.31       | -85.42                | 682.28                            | -1,612.39  | 2,320.82             | 2,246.37              | 74.45                   | 31.175            |                    |         |
| 11,800.00              | 6,905.90            | 6,959.67            | 6,847.96            | 142.22          | 34.30       | -85.20                | 682.28                            | -1,612.40  | 2,418.80             | 2,344.66              | 74.14                   | 32.624            |                    |         |
| 11,900.00              | 6,904.99            | 6,957.82            | 6,846.10            | 144.97          | 34.29       | -84.98                | 682.27                            | -1,612.42  | 2,516.95             | 2,443.08              | 73.87                   | 34.074            |                    |         |
| 12,000.00              | 6,904.08            | 6,956.08            | 6,844.28            | 147.73          | 34.29       | -84.76                | 682.27                            | -1,612.42  | 2,615.23             | 2,541.60              | 73.63                   | 35.521            |                    |         |
| 12,100.00              | 6,903.17            | 6,954.26            | 6,842.46            | 150.49          | 34.28       | -84.54                | 682.26                            | -1,612.43  | 2,713.64             | 2,640.23              | 73.40                   | 36.969            |                    |         |
| 12,200.00              | 6,902.26            | 6,952.44            | 6,840.64            | 153.25          | 34.27       | -84.32                | 682.26                            | -1,612.44  | 2,812.16             | 2,738.96              | 73.17                   | 38.417            |                    |         |
| 12,300.00              | 6,901.35            | 6,950.62            | 6,838.82            | 156.02          | 34.27       | -84.10                | 682.25                            | -1,612.46  | 2,910.78             | 2,837.76              | 72.94                   | 39.864            |                    |         |
| 12,400.00              | 6,900.44            | 6,948.80            | 6,836.99            | 158.79          | 34.26       | -83.88                | 682.24                            | -1,612.48  | 3,009.49             | 2,936.63              | 72.71                   | 41.309            |                    |         |
| 12,500.00              | 6,899.53            | 6,946.98            | 6,835.17            | 161.56          | 34.26       | -83.66                | 682.24                            | -1,612.50  | 3,108.28             | 3,035.58              | 72.48                   | 42.753            |                    |         |
| 12,600.00              | 6,898.62            | 6,945.16            | 6,833.35            | 164.34          | 34.25       | -83.44                | 682.23                            | -1,612.52  | 3,207.14             | 3,134.58              | 72.25                   | 44.195            |                    |         |
| 12,700.00              | 6,897.71            | 6,943.34            | 6,831.53            | 167.11          | 34.24       | -83.22                | 682.22                            | -1,612.54  | 3,306.08             | 3,233.63              | 72.02                   | 45.636            |                    |         |
| 12,800.00              | 6,896.80            | 6,941.52            | 6,829.71            | 169.89          | 34.23       | -83.00                | 682.22                            | -1,612.56  | 3,405.07             | 3,332.74              | 71.79                   | 47.074            |                    |         |
| 12,900.00              | 6,895.89            | 6,939.70            | 6,827.89            | 172.67          | 34.22       | -82.78                | 682.21                            | -1,612.58  | 3,504.12             | 3,431.89              | 71.56                   | 48.511            |                    |         |
| 13,000.00              | 6,894.98            | 6,937.88            | 6,826.07            | 175.45          | 34.21       | -82.56                | 682.20                            | -1,612.60  | 3,603.22             | 3,531.08              | 71.33                   | 49.946            |                    |         |
| 13,100.00              | 6,894.07            | 6,936.06            | 6,824.25            | 178.23          | 34.20       | -82.34                | 682.20                            | -1,612.62  | 3,702.37             | 3,630.31              | 71.10                   | 51.378            |                    |         |
| 13,200.00              | 6,893.16            | 6,934.24            | 6,822.43            | 181.02          | 34.19       | -82.12                | 682.19                            | -1,612.64  | 3,801.56             | 3,729.57              | 70.87                   | 52.808            |                    |         |
| 13,300.00              | 6,892.25            | 6,932.42            | 6,820.61            | 183.80          | 34.18       | -81.90                | 682.19                            | -1,612.66  | 3,900.79             | 3,828.87              | 70.64                   | 54.236            |                    |         |
| 13,400.00              | 6,891.34            | 6,930.60            | 6,818.79            | 186.59          | 34.17       | -81.68                | 682.18                            | -1,612.68  | 4,000.06             | 3,928.19              | 70.41                   | 55.662            |                    |         |
| 13,500.00              | 6,890.43            | 6,928.78            | 6,816.97            | 189.38          | 34.16       | -81.46                | 682.18                            | -1,612.70  | 4,099.36             | 4,027.55              | 70.18                   | 57.085            |                    |         |
| 13,600.00              | 6,889.52            | 6,926.96            | 6,815.15            | 192.17          | 34.15       | -81.24                | 682.17                            | -1,612.72  | 4,198.69             | 4,126.93              | 70.00                   | 58.505            |                    |         |
| 13,700.00              | 6,888.61            | 6,925.14            | 6,813.33            | 194.97          | 34.14       | -81.02                | 682.17                            | -1,612.74  | 4,298.06             | 4,226.33              | 70.00                   | 59.923            |                    |         |
| 13,800.00              | 6,887.70            | 6,923.32            | 6,811.51            | 197.76          | 34.13       | -80.80                | 682.17                            | -1,612.76  | 4,397.45             | 4,325.76              | 70.00                   | 61.339            |                    |         |
| 13,900.00              | 6,886.79            | 6,921.50            | 6,809.69            | 200.56          | 34.12       | -80.58                | 682.17                            | -1,612.78  | 4,496.87             | 4,425.21              | 70.00                   | 62.752            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWDD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00               | 6,885.84            | 6,906.98            | 6,795.27            | 203.35          | 34.11       | -78.93                | 682.17                            | -1,612.89  | 4,596.31             | 4,524.67              | 71.64                   | 64.162            |                    |         |
| 14,100.00               | 6,884.93            | 6,903.75            | 6,792.04            | 206.15          | 34.10       | -78.55                | 682.17                            | -1,612.92  | 4,695.77             | 4,624.15              | 71.62                   | 65.569            |                    |         |
| 14,200.00               | 6,884.02            | 6,900.44            | 6,788.73            | 208.95          | 34.09       | -78.16                | 682.17                            | -1,612.96  | 4,795.25             | 4,723.66              | 71.60                   | 66.973            |                    |         |
| 14,300.00               | 6,883.11            | 6,897.04            | 6,785.34            | 211.75          | 34.08       | -77.77                | 682.17                            | -1,613.00  | 4,894.76             | 4,823.17              | 71.59                   | 68.375            |                    |         |
| 14,400.00               | 6,882.20            | 6,893.57            | 6,781.86            | 214.55          | 34.07       | -77.37                | 682.17                            | -1,613.04  | 4,994.28             | 4,922.70              | 71.58                   | 69.774            |                    |         |
| 14,500.00               | 6,881.29            | 6,890.01            | 6,778.30            | 217.35          | 34.05       | -76.96                | 682.18                            | -1,613.08  | 5,093.82             | 5,022.25              | 71.57                   | 71.170            |                    |         |
| 14,600.00               | 6,880.37            | 6,886.36            | 6,774.65            | 220.15          | 34.04       | -76.54                | 682.18                            | -1,613.13  | 5,193.38             | 5,121.81              | 71.57                   | 72.563            |                    |         |
| 14,700.00               | 6,879.46            | 6,882.62            | 6,770.91            | 222.95          | 34.03       | -76.11                | 682.18                            | -1,613.18  | 5,292.95             | 5,221.37              | 71.57                   | 73.953            |                    |         |
| 14,800.00               | 6,878.55            | 6,878.78            | 6,767.07            | 225.76          | 34.01       | -75.67                | 682.19                            | -1,613.23  | 5,392.53             | 5,320.96              | 71.58                   | 75.340            |                    |         |
| 14,900.00               | 6,877.64            | 6,874.84            | 6,763.13            | 228.56          | 34.00       | -75.22                | 682.20                            | -1,613.28  | 5,492.13             | 5,420.55              | 71.58                   | 76.724            |                    |         |
| 15,000.00               | 6,876.73            | 6,870.79            | 6,759.08            | 231.37          | 33.99       | -74.76                | 682.20                            | -1,613.34  | 5,591.74             | 5,520.15              | 71.59                   | 78.105            |                    |         |
| 15,100.00               | 6,875.82            | 6,866.64            | 6,754.93            | 234.18          | 33.97       | -74.29                | 682.21                            | -1,613.39  | 5,691.37             | 5,619.76              | 71.61                   | 79.482            |                    |         |
| 15,200.00               | 6,874.90            | 6,862.37            | 6,750.67            | 236.98          | 33.96       | -73.81                | 682.22                            | -1,613.45  | 5,791.00             | 5,719.38              | 71.62                   | 80.857            |                    |         |
| 15,300.00               | 6,873.99            | 6,857.99            | 6,746.28            | 239.79          | 33.94       | -73.32                | 682.24                            | -1,613.52  | 5,890.65             | 5,819.01              | 71.64                   | 82.229            |                    |         |
| 15,400.00               | 6,873.08            | 6,853.48            | 6,741.78            | 242.60          | 33.93       | -72.82                | 682.25                            | -1,613.59  | 5,990.30             | 5,918.65              | 71.66                   | 83.598            |                    |         |
| 15,500.00               | 6,872.17            | 6,849.74            | 6,738.04            | 245.41          | 33.91       | -72.40                | 682.26                            | -1,613.64  | 6,089.97             | 6,018.29              | 71.68                   | 84.961            |                    |         |
| 15,600.00               | 6,871.26            | 6,847.01            | 6,735.30            | 248.22          | 33.90       | -72.10                | 682.27                            | -1,613.68  | 6,189.64             | 6,117.93              | 71.71                   | 86.319            |                    |         |
| 15,700.00               | 6,870.35            | 6,844.27            | 6,732.57            | 251.03          | 33.89       | -71.80                | 682.29                            | -1,613.73  | 6,289.33             | 6,217.59              | 71.74                   | 87.674            |                    |         |
| 15,737.91               | 6,870.00            | 6,843.23            | 6,731.53            | 252.10          | 33.89       | -71.69                | 682.29                            | -1,613.74  | 6,327.11             | 6,255.37              | 71.75                   | 88.186            |                    |         |
| 15,738.53               | 6,869.99            | 6,843.22            | 6,731.51            | 252.11          | 33.89       | -71.68                | 682.29                            | -1,613.74  | 6,327.73             | 6,255.99              | 71.75                   | 88.195            |                    |         |

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -77.39                | 212.77                            | -951.47    | 975.71               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 57.14               | 57.14               | 3.28            | 3.29        | -77.39                | 212.79                            | -951.57    | 975.09               | 968.52                | 6.57                    | 148.368           | CC, ES             |         |
| 200.00                 | 200.00              | 146.57              | 146.56              | 3.34            | 3.34        | -77.40                | 212.97                            | -952.49    | 976.13               | 969.45                | 6.68                    | 146.224           |                    |         |
| 300.00                 | 300.00              | 250.13              | 250.11              | 3.44            | 3.45        | -77.39                | 213.36                            | -954.00    | 977.64               | 970.74                | 6.89                    | 141.806           |                    |         |
| 400.00                 | 399.98              | 339.78              | 339.75              | 3.60            | 3.59        | -107.59               | 213.47                            | -955.55    | 979.89               | 972.69                | 7.20                    | 136.179           |                    |         |
| 500.00                 | 499.84              | 439.07              | 438.99              | 3.81            | 3.79        | -107.91               | 212.24                            | -958.18    | 983.81               | 976.21                | 7.59                    | 129.555           |                    |         |
| 550.00                 | 549.68              | 489.83              | 489.71              | 3.93            | 3.90        | -108.20               | 210.59                            | -959.71    | 986.17               | 978.34                | 7.82                    | 126.042           |                    |         |
| 600.00                 | 599.45              | 537.53              | 537.32              | 4.06            | 4.02        | -110.84               | 208.22                            | -961.28    | 988.90               | 980.83                | 8.07                    | 122.597           |                    |         |
| 700.00                 | 698.71              | 620.43              | 619.91              | 4.33            | 4.25        | -114.49               | 202.35                            | -965.14    | 996.91               | 988.34                | 8.57                    | 116.325           |                    |         |
| 800.00                 | 797.49              | 703.11              | 702.11              | 4.64            | 4.50        | -117.14               | 195.13                            | -970.46    | 1,008.69             | 999.56                | 9.13                    | 110.478           |                    |         |
| 900.00                 | 895.68              | 794.51              | 792.80              | 4.97            | 4.82        | -119.46               | 186.07                            | -977.30    | 1,023.86             | 1,014.09              | 9.77                    | 104.846           |                    |         |
| 1,000.00               | 993.14              | 883.84              | 881.34              | 5.33            | 5.15        | -121.51               | 176.61                            | -984.42    | 1,042.18             | 1,031.75              | 10.44                   | 99.836            |                    |         |
| 1,039.84               | 1,031.75            | 917.72              | 914.90              | 5.48            | 5.28        | -122.25               | 172.89                            | -987.24    | 1,050.43             | 1,039.71              | 10.71                   | 98.033            |                    |         |
| 1,100.00               | 1,089.94            | 967.64              | 964.26              | 5.72            | 5.48        | -123.18               | 166.94                            | -991.65    | 1,063.64             | 1,052.51              | 11.13                   | 95.559            |                    |         |
| 1,200.00               | 1,186.67            | 1,034.28            | 1,029.96            | 6.13            | 5.77        | -124.45               | 158.03                            | -998.41    | 1,087.60             | 1,075.82              | 11.78                   | 92.341            |                    |         |
| 1,300.00               | 1,283.39            | 1,100.07            | 1,094.44            | 6.55            | 6.07        | -125.73               | 148.00                            | -1,006.77  | 1,114.85             | 1,102.42              | 12.43                   | 89.665            |                    |         |
| 1,400.00               | 1,380.12            | 1,171.42            | 1,164.06            | 6.99            | 6.42        | -127.11               | 136.30                            | -1,017.12  | 1,144.81             | 1,131.69              | 13.12                   | 87.232            |                    |         |
| 1,500.00               | 1,476.85            | 1,249.90            | 1,240.33            | 7.45            | 6.83        | -128.62               | 122.47                            | -1,029.31  | 1,176.81             | 1,162.95              | 13.86                   | 84.901            |                    |         |
| 1,600.00               | 1,573.57            | 1,321.26            | 1,309.40            | 7.90            | 7.23        | -129.98               | 108.91                            | -1,041.10  | 1,210.82             | 1,196.25              | 14.57                   | 83.113            |                    |         |
| 1,700.00               | 1,670.30            | 1,393.01            | 1,378.53            | 8.37            | 7.65        | -131.33               | 94.52                             | -1,053.78  | 1,246.95             | 1,231.66              | 15.28                   | 81.604            |                    |         |
| 1,800.00               | 1,767.03            | 1,472.21            | 1,454.60            | 8.85            | 8.14        | -132.77               | 78.10                             | -1,068.49  | 1,284.88             | 1,268.84              | 16.04                   | 80.084            |                    |         |
| 1,900.00               | 1,863.75            | 1,554.68            | 1,533.58            | 9.32            | 8.67        | -134.25               | 59.94                             | -1,083.79  | 1,323.93             | 1,307.10              | 16.84                   | 78.630            |                    |         |
| 2,000.00               | 1,960.48            | 1,649.18            | 1,623.79            | 9.81            | 9.29        | -135.92               | 37.76                             | -1,101.13  | 1,363.97             | 1,346.25              | 17.73                   | 76.949            |                    |         |
| 2,100.00               | 2,057.21            | 1,738.70            | 1,709.49            | 10.29           | 9.89        | -137.41               | 17.04                             | -1,116.61  | 1,403.88             | 1,385.29              | 18.58                   | 75.539            |                    |         |
| 2,200.00               | 2,153.93            | 1,802.52            | 1,770.31            | 10.78           | 10.34       | -138.46               | 1.29                              | -1,127.82  | 1,445.21             | 1,425.96              | 19.25                   | 75.085            |                    |         |
| 2,300.00               | 2,250.66            | 1,853.04            | 1,818.10            | 11.28           | 10.70       | -139.29               | -11.86                            | -1,137.56  | 1,489.04             | 1,469.24              | 19.79                   | 75.224            |                    |         |
| 2,400.00               | 2,347.39            | 1,927.43            | 1,888.16            | 11.77           | 11.26       | -140.45               | -31.45                            | -1,153.10  | 1,534.97             | 1,514.44              | 20.53                   | 74.756            |                    |         |
| 2,500.00               | 2,444.11            | 2,024.67            | 1,980.12            | 12.27           | 11.99       | -141.84               | -55.58                            | -1,173.55  | 1,581.31             | 1,559.84              | 21.47                   | 73.668            |                    |         |
| 2,600.00               | 2,540.84            | 2,110.59            | 2,061.60            | 12.77           | 12.63       | -142.98               | -76.39                            | -1,191.14  | 1,627.57             | 1,605.27              | 22.30                   | 72.996            |                    |         |
| 2,700.00               | 2,637.57            | 2,198.48            | 2,144.99            | 13.27           | 13.29       | -144.08               | -97.46                            | -1,209.19  | 1,674.33             | 1,651.18              | 23.15                   | 72.339            |                    |         |
| 2,800.00               | 2,734.30            | 2,301.32            | 2,242.71            | 13.78           | 14.07       | -145.31               | -122.23                           | -1,229.58  | 1,721.02             | 1,696.89              | 24.13                   | 71.335            |                    |         |
| 2,900.00               | 2,831.02            | 2,366.05            | 2,304.32            | 14.28           | 14.55       | -146.03               | -137.33                           | -1,242.44  | 1,767.94             | 1,743.18              | 24.77                   | 71.388            |                    |         |
| 3,000.00               | 2,927.75            | 2,445.50            | 2,379.80            | 14.79           | 15.16       | -146.85               | -155.39                           | -1,259.43  | 1,816.22             | 1,790.68              | 25.53                   | 71.130            |                    |         |
| 3,100.00               | 3,024.48            | 2,541.54            | 2,471.16            | 15.29           | 15.88       | -147.81               | -177.49                           | -1,279.14  | 1,864.23             | 1,837.78              | 26.45                   | 70.475            |                    |         |
| 3,200.00               | 3,121.20            | 2,607.72            | 2,534.08            | 15.80           | 16.39       | -148.44               | -192.95                           | -1,292.64  | 1,912.65             | 1,885.55              | 27.10                   | 70.581            |                    |         |
| 3,300.00               | 3,217.93            | 2,665.00            | 2,588.32            | 16.31           | 16.84       | -148.96               | -206.19                           | -1,305.40  | 1,962.66             | 1,935.00              | 27.66                   | 70.960            |                    |         |
| 3,400.00               | 3,314.66            | 2,726.33            | 2,646.16            | 16.82           | 17.33       | -149.50               | -220.82                           | -1,319.63  | 2,013.95             | 1,985.69              | 28.26                   | 71.275            |                    |         |
| 3,500.00               | 3,411.38            | 2,916.28            | 2,826.30            | 17.33           | 18.81       | -151.16               | -267.26                           | -1,357.81  | 2,063.00             | 2,032.93              | 30.07                   | 68.613            |                    |         |
| 3,600.00               | 3,508.11            | 2,994.98            | 2,901.31            | 17.84           | 19.41       | -151.83               | -286.60                           | -1,371.71  | 2,110.82             | 2,079.98              | 30.84                   | 68.450            |                    |         |
| 3,700.00               | 3,604.84            | 3,117.62            | 3,018.16            | 18.36           | 20.34       | -152.86               | -317.60                           | -1,392.34  | 2,158.63             | 2,126.62              | 32.01                   | 67.436            |                    |         |
| 3,800.00               | 3,701.56            | 3,197.00            | 3,094.35            | 18.87           | 20.92       | -153.44               | -335.51                           | -1,405.55  | 2,205.35             | 2,172.57              | 32.78                   | 67.280            |                    |         |
| 3,900.00               | 3,798.29            | 3,258.16            | 3,153.11            | 19.38           | 21.37       | -153.83               | -348.31                           | -1,416.70  | 2,252.92             | 2,219.55              | 33.38                   | 67.500            |                    |         |
| 4,000.00               | 3,895.02            | 3,432.52            | 3,320.51            | 19.89           | 22.63       | -154.93               | -385.88                           | -1,447.61  | 2,301.03             | 2,266.04              | 34.99                   | 65.766            |                    |         |
| 4,100.00               | 3,991.74            | 3,539.12            | 3,423.19            | 20.41           | 23.38       | -155.68               | -411.00                           | -1,461.26  | 2,345.71             | 2,309.71              | 36.00                   | 65.163            |                    |         |
| 4,200.00               | 4,088.47            | 3,603.56            | 3,485.15            | 20.92           | 23.83       | -156.13               | -426.74                           | -1,469.38  | 2,390.92             | 2,354.28              | 36.64                   | 65.247            |                    |         |
| 4,300.00               | 4,185.20            | 3,642.00            | 3,522.08            | 21.44           | 24.11       | -156.39               | -436.01                           | -1,474.68  | 2,437.39             | 2,400.34              | 37.05                   | 65.782            |                    |         |
| 4,400.00               | 4,281.92            | 3,695.63            | 3,573.42            | 21.95           | 24.51       | -156.73               | -449.20                           | -1,482.90  | 2,485.33             | 2,447.74              | 37.59                   | 66.115            |                    |         |
| 4,500.00               | 4,378.65            | 3,733.00            | 3,608.96            | 22.47           | 24.79       | -156.97               | -458.75                           | -1,489.32  | 2,535.11             | 2,497.14              | 37.97                   | 66.773            |                    |         |
| 4,600.00               | 4,475.38            | 3,786.71            | 3,659.81            | 22.99           | 25.23       | -157.30               | -473.06                           | -1,499.10  | 2,586.31             | 2,547.81              | 38.50                   | 67.183            |                    |         |
| 4,700.00               | 4,572.10            | 3,844.36            | 3,714.10            | 23.50           | 25.70       | -157.67               | -489.12                           | -1,509.94  | 2,638.64             | 2,599.58              | 39.06                   | 67.549            |                    |         |
| 4,800.00               | 4,668.83            | 3,915.99            | 3,781.41            | 24.02           | 26.29       | -158.11               | -509.41                           | -1,523.67  | 2,691.65             | 2,651.87              | 39.77                   | 67.677            |                    |         |
| 4,900.00               | 4,765.56            | 4,016.09            | 3,875.42            | 24.53           | 27.12       | -158.71               | -538.09                           | -1,542.59  | 2,744.80             | 2,704.03              | 40.77                   | 67.317            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,000.00               | 4,862.28            | 4,228.50            | 4,078.07            | 25.05           | 28.75       | -159.70               | -587.87                           | -1,581.69  | 2,794.26             | 2,751.43              | 42.83                   | 65.237            |                    |         |
| 5,100.00               | 4,959.01            | 4,282.72            | 4,130.20            | 25.57           | 29.14       | -159.86               | -597.41                           | -1,593.11  | 2,843.82             | 2,800.46              | 43.36                   | 65.585            |                    |         |
| 5,200.00               | 5,055.74            | 4,334.29            | 4,179.61            | 26.09           | 29.52       | -160.02               | -607.05                           | -1,604.30  | 2,894.42             | 2,850.56              | 43.86                   | 65.994            |                    |         |
| 5,300.00               | 5,152.46            | 4,472.63            | 4,312.04            | 26.60           | 30.55       | -160.48               | -635.05                           | -1,632.83  | 2,945.17             | 2,899.99              | 45.18                   | 65.188            |                    |         |
| 5,400.00               | 5,249.19            | 4,887.64            | 4,716.15            | 27.12           | 33.22       | -161.82               | -706.44                           | -1,691.97  | 2,987.97             | 2,939.25              | 48.72                   | 61.336            |                    |         |
| 5,500.00               | 5,345.92            | 5,057.10            | 4,883.41            | 27.64           | 34.14       | -162.24               | -727.03                           | -1,709.75  | 3,027.13             | 2,977.04              | 50.10                   | 60.427            |                    |         |
| 5,600.00               | 5,442.65            | 5,333.90            | 5,158.57            | 28.16           | 35.39       | -162.86               | -750.67                           | -1,727.33  | 3,059.30             | 3,007.26              | 52.04                   | 58.784            |                    |         |
| 5,700.00               | 5,539.37            | 5,634.47            | 5,458.68            | 28.68           | 36.47       | -163.47               | -764.89                           | -1,732.01  | 3,085.98             | 3,032.12              | 53.86                   | 57.299            |                    |         |
| 5,800.00               | 5,636.10            | 5,713.28            | 5,537.46            | 29.20           | 36.73       | -163.61               | -767.19                           | -1,732.13  | 3,112.09             | 3,057.48              | 54.61                   | 56.987            |                    |         |
| 5,900.00               | 5,732.83            | 5,901.25            | 5,725.40            | 29.71           | 37.28       | -163.88               | -768.46                           | -1,732.66  | 3,137.23             | 3,081.46              | 55.78                   | 56.247            |                    |         |
| 6,000.00               | 5,829.55            | 5,982.73            | 5,806.86            | 30.23           | 37.49       | -163.95               | -766.78                           | -1,733.15  | 3,161.00             | 3,104.49              | 56.51                   | 55.934            |                    |         |
| 6,100.00               | 5,926.28            | 6,075.66            | 5,899.76            | 30.75           | 37.74       | -164.03               | -764.78                           | -1,734.10  | 3,185.06             | 3,127.77              | 57.29                   | 55.591            |                    |         |
| 6,200.00               | 6,023.01            | 6,168.01            | 5,992.08            | 31.27           | 37.99       | -164.11               | -762.74                           | -1,735.14  | 3,209.18             | 3,151.11              | 58.08                   | 55.257            |                    |         |
| 6,300.00               | 6,119.73            | 6,251.41            | 6,075.45            | 31.79           | 38.22       | -164.17               | -760.74                           | -1,736.58  | 3,233.67             | 3,174.84              | 58.83                   | 54.967            |                    |         |
| 6,397.75               | 6,214.28            | 6,346.62            | 6,170.62            | 32.30           | 38.49       | -164.24               | -758.54                           | -1,738.44  | 3,257.84             | 3,198.22              | 59.62                   | 54.643            |                    |         |
| 6,400.00               | 6,216.46            | 6,349.28            | 6,173.28            | 32.31           | 38.50       | -163.62               | -758.48                           | -1,738.49  | 3,258.40             | 3,198.75              | 59.64                   | 54.634            |                    |         |
| 6,450.00               | 6,265.12            | 6,408.78            | 6,232.74            | 32.56           | 38.67       | -147.08               | -756.92                           | -1,739.60  | 3,268.89             | 3,208.81              | 60.08                   | 54.409            |                    |         |
| 6,500.00               | 6,314.12            | 6,446.52            | 6,270.46            | 32.78           | 38.78       | -125.35               | -755.93                           | -1,740.32  | 3,276.16             | 3,215.73              | 60.42                   | 54.220            |                    |         |
| 6,550.00               | 6,363.16            | 6,486.28            | 6,310.20            | 32.99           | 38.89       | -102.99               | -754.98                           | -1,741.16  | 3,280.29             | 3,219.53              | 60.76                   | 53.990            |                    |         |
| 6,600.00               | 6,411.94            | 6,527.28            | 6,351.18            | 33.18           | 39.02       | -85.54                | -754.10                           | -1,742.08  | 3,281.27             | 3,220.19              | 61.08                   | 53.720            |                    |         |
| 6,650.00               | 6,460.15            | 6,568.14            | 6,392.03            | 33.35           | 39.14       | -73.83                | -753.33                           | -1,743.04  | 3,279.09             | 3,217.71              | 61.38                   | 53.419            |                    |         |
| 6,700.00               | 6,507.49            | 6,612.07            | 6,435.93            | 33.52           | 39.27       | -66.31                | -752.60                           | -1,744.12  | 3,273.76             | 3,212.08              | 61.68                   | 53.074            |                    |         |
| 6,750.00               | 6,553.69            | 6,657.15            | 6,481.00            | 33.69           | 39.41       | -61.50                | -751.87                           | -1,745.24  | 3,265.28             | 3,203.31              | 61.97                   | 52.691            |                    |         |
| 6,800.00               | 6,598.44            | 6,705.69            | 6,529.51            | 33.85           | 39.56       | -58.51                | -751.07                           | -1,746.46  | 3,253.69             | 3,191.43              | 62.26                   | 52.262            |                    |         |
| 6,850.00               | 6,641.47            | 6,755.40            | 6,579.20            | 34.02           | 39.72       | -56.79                | -750.10                           | -1,747.72  | 3,239.02             | 3,176.49              | 62.54                   | 51.794            |                    |         |
| 6,900.00               | 6,682.53            | 6,806.29            | 6,630.05            | 34.19           | 39.87       | -56.05                | -748.90                           | -1,749.02  | 3,221.38             | 3,158.57              | 62.81                   | 51.288            |                    |         |
| 6,950.00               | 6,721.35            | 6,855.18            | 6,678.90            | 34.38           | 40.02       | -56.08                | -747.46                           | -1,750.32  | 3,200.88             | 3,137.81              | 63.07                   | 50.751            |                    |         |
| 7,000.00               | 6,757.70            | 6,890.68            | 6,714.37            | 34.57           | 40.13       | -56.65                | -746.31                           | -1,751.30  | 3,177.77             | 3,114.49              | 63.27                   | 50.223            |                    |         |
| 7,050.00               | 6,791.35            | 6,924.20            | 6,747.86            | 34.79           | 40.23       | -57.79                | -745.19                           | -1,752.26  | 3,152.28             | 3,088.80              | 63.47                   | 49.662            |                    |         |
| 7,100.00               | 6,822.10            | 6,960.12            | 6,783.75            | 35.03           | 40.33       | -59.54                | -743.96                           | -1,753.32  | 3,124.58             | 3,060.88              | 63.70                   | 49.054            |                    |         |
| 7,150.00               | 6,849.75            | 6,999.59            | 6,823.18            | 35.30           | 40.45       | -61.94                | -742.54                           | -1,754.40  | 3,094.80             | 3,030.85              | 63.95                   | 48.395            |                    |         |
| 7,200.00               | 6,874.14            | 7,034.37            | 6,857.92            | 35.61           | 40.55       | -64.86                | -741.22                           | -1,755.27  | 3,063.17             | 2,998.96              | 64.20                   | 47.710            |                    |         |
| 7,250.00               | 6,895.11            | 7,055.87            | 6,879.40            | 35.95           | 40.62       | -68.10                | -740.40                           | -1,755.78  | 3,029.97             | 2,965.53              | 64.43                   | 47.026            |                    |         |
| 7,300.00               | 6,912.54            | 7,074.83            | 6,898.34            | 36.34           | 40.67       | -71.83                | -739.66                           | -1,756.23  | 2,995.46             | 2,930.78              | 64.68                   | 46.311            |                    |         |
| 7,350.00               | 6,926.31            | 7,090.06            | 6,913.55            | 36.77           | 40.72       | -75.98                | -739.07                           | -1,756.59  | 2,959.90             | 2,894.95              | 64.95                   | 45.572            |                    |         |
| 7,400.00               | 6,936.35            | 7,101.46            | 6,924.94            | 37.25           | 40.75       | -80.50                | -738.63                           | -1,756.86  | 2,923.51             | 2,858.27              | 65.24                   | 44.812            |                    |         |
| 7,450.00               | 6,942.59            | 7,108.97            | 6,932.44            | 37.76           | 40.77       | -85.29                | -738.34                           | -1,757.03  | 2,886.54             | 2,820.99              | 65.55                   | 44.034            |                    |         |
| 7,500.00               | 6,944.99            | 7,112.54            | 6,936.01            | 38.31           | 40.78       | -90.26                | -738.20                           | -1,757.12  | 2,849.24             | 2,783.35              | 65.89                   | 43.244            |                    |         |
| 7,512.10               | 6,945.00            | 7,112.81            | 6,936.28            | 38.44           | 40.78       | -91.48                | -738.19                           | -1,757.12  | 2,840.19             | 2,774.21              | 65.97                   | 43.052            |                    |         |
| 7,600.00               | 6,944.19            | 7,113.93            | 6,937.39            | 39.51           | 40.79       | -91.51                | -738.15                           | -1,757.15  | 2,775.03             | 2,708.38              | 66.65                   | 41.634            |                    |         |
| 7,700.00               | 6,943.28            | 7,115.20            | 6,938.66            | 40.90           | 40.79       | -91.55                | -738.10                           | -1,757.18  | 2,702.47             | 2,634.87              | 67.60                   | 39.978            |                    |         |
| 7,800.00               | 6,942.37            | 7,116.47            | 6,939.93            | 42.44           | 40.79       | -91.59                | -738.05                           | -1,757.21  | 2,631.70             | 2,562.97              | 68.74                   | 38.288            |                    |         |
| 7,900.00               | 6,941.46            | 7,117.73            | 6,941.20            | 44.11           | 40.80       | -91.63                | -738.00                           | -1,757.24  | 2,562.89             | 2,492.82              | 70.07                   | 36.574            |                    |         |
| 8,000.00               | 6,940.55            | 7,119.00            | 6,942.46            | 45.90           | 40.80       | -91.67                | -737.95                           | -1,757.27  | 2,496.19             | 2,424.56              | 71.62                   | 34.852            |                    |         |
| 8,100.00               | 6,939.64            | 7,120.26            | 6,943.73            | 47.80           | 40.81       | -91.71                | -737.90                           | -1,757.30  | 2,431.76             | 2,358.38              | 73.39                   | 33.137            |                    |         |
| 8,200.00               | 6,938.72            | 7,121.53            | 6,944.99            | 49.79           | 40.81       | -91.74                | -737.85                           | -1,757.33  | 2,369.81             | 2,294.44              | 75.37                   | 31.443            |                    |         |
| 8,300.00               | 6,937.81            | 7,122.79            | 6,946.25            | 51.86           | 40.81       | -91.78                | -737.80                           | -1,757.36  | 2,310.53             | 2,232.96              | 77.57                   | 29.787            |                    |         |
| 8,400.00               | 6,936.90            | 7,124.05            | 6,947.51            | 54.01           | 40.82       | -91.82                | -737.75                           | -1,757.38  | 2,254.12             | 2,174.14              | 79.98                   | 28.183            |                    |         |
| 8,500.00               | 6,935.99            | 7,125.31            | 6,948.76            | 56.21           | 40.82       | -91.86                | -737.70                           | -1,757.41  | 2,200.81             | 2,118.21              | 82.61                   | 26.642            |                    |         |
| 8,600.00               | 6,935.08            | 7,126.56            | 6,950.02            | 58.47           | 40.82       | -91.90                | -737.65                           | -1,757.44  | 2,150.83             | 2,065.41              | 85.43                   | 25.177            |                    |         |
| 8,700.00               | 6,934.17            | 7,127.82            | 6,951.27            | 60.78           | 40.83       | -91.94                | -737.61                           | -1,757.47  | 2,104.42             | 2,015.99              | 88.43                   | 23.797            |                    |         |
| 8,800.00               | 6,933.25            | 7,129.07            | 6,952.52            | 63.13           | 40.83       | -91.97                | -737.56                           | -1,757.50  | 2,061.82             | 1,970.22              | 91.60                   | 22.508            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,900.00               | 6,932.34            | 7,130.32            | 6,953.77            | 65.52           | 40.84       | -92.01                | -737.51                           | -1,757.53  | 2,023.27             | 1,928.36              | 94.91                   | 21.318            |                    |         |
| 9,000.00               | 6,931.43            | 7,131.31            | 6,954.76            | 67.95           | 40.84       | -92.04                | -737.47                           | -1,757.56  | 1,989.00             | 1,890.67              | 98.33                   | 20.228            |                    |         |
| 9,100.00               | 6,930.52            | 7,132.60            | 6,956.05            | 70.40           | 40.84       | -92.08                | -737.42                           | -1,757.59  | 1,959.24             | 1,857.42              | 101.82                  | 19.242            |                    |         |
| 9,200.00               | 6,929.61            | 7,133.91            | 6,957.36            | 72.89           | 40.85       | -92.12                | -737.37                           | -1,757.62  | 1,934.20             | 1,828.85              | 105.35                  | 18.360            |                    |         |
| 9,300.00               | 6,928.69            | 7,135.23            | 6,958.68            | 75.40           | 40.85       | -92.16                | -737.32                           | -1,757.65  | 1,914.06             | 1,805.18              | 108.87                  | 17.580            |                    |         |
| 9,400.00               | 6,927.78            | 7,136.56            | 6,960.01            | 77.93           | 40.85       | -92.20                | -737.26                           | -1,757.68  | 1,898.98             | 1,786.63              | 112.35                  | 16.902            |                    |         |
| 9,500.00               | 6,926.87            | 7,137.92            | 6,961.36            | 80.48           | 40.86       | -92.24                | -737.21                           | -1,757.72  | 1,889.07             | 1,773.34              | 115.73                  | 16.323            |                    |         |
| 9,600.00               | 6,925.96            | 7,139.28            | 6,962.73            | 83.05           | 40.86       | -92.28                | -737.16                           | -1,757.75  | 1,884.43             | 1,765.45              | 118.98                  | 15.838            |                    |         |
| 9,637.60               | 6,925.62            | 7,139.80            | 6,963.24            | 84.03           | 40.86       | -92.30                | -737.14                           | -1,757.76  | 1,884.06             | 1,763.90              | 120.16                  | 15.680            |                    |         |
| 9,700.00               | 6,925.05            | 7,140.67            | 6,964.11            | 85.64           | 40.87       | -92.33                | -737.10                           | -1,757.78  | 1,885.09             | 1,763.04              | 122.05                  | 15.445            |                    |         |
| 9,800.00               | 6,924.14            | 7,142.07            | 6,965.51            | 88.25           | 40.87       | -92.37                | -737.05                           | -1,757.82  | 1,891.04             | 1,766.13              | 124.92                  | 15.139            |                    |         |
| 9,900.00               | 6,923.22            | 7,143.48            | 6,966.92            | 90.86           | 40.87       | -92.41                | -736.99                           | -1,757.85  | 1,902.24             | 1,774.69              | 127.54                  | 14.914            |                    |         |
| 10,000.00              | 6,922.31            | 7,144.92            | 6,968.35            | 93.50           | 40.88       | -92.46                | -736.94                           | -1,757.89  | 1,918.59             | 1,788.67              | 129.92                  | 14.768            |                    |         |
| 10,100.00              | 6,921.40            | 7,146.37            | 6,969.80            | 96.14           | 40.88       | -92.50                | -736.88                           | -1,757.92  | 1,939.96             | 1,807.93              | 132.03                  | 14.694            |                    |         |
| 10,200.00              | 6,920.49            | 7,147.83            | 6,971.27            | 98.79           | 40.89       | -92.54                | -736.82                           | -1,757.96  | 1,966.19             | 1,832.33              | 133.86                  | 14.688 SF         |                    |         |
| 10,300.00              | 6,919.58            | 7,149.32            | 6,972.75            | 101.45          | 40.89       | -92.59                | -736.77                           | -1,758.00  | 1,997.09             | 1,861.66              | 135.43                  | 14.746            |                    |         |
| 10,400.00              | 6,918.67            | 7,150.82            | 6,974.25            | 104.13          | 40.90       | -92.64                | -736.71                           | -1,758.04  | 2,032.44             | 1,895.70              | 136.74                  | 14.863            |                    |         |
| 10,500.00              | 6,917.75            | 7,152.35            | 6,975.77            | 106.81          | 40.90       | -92.68                | -736.65                           | -1,758.07  | 2,072.02             | 1,934.21              | 137.81                  | 15.036            |                    |         |
| 10,600.00              | 6,916.84            | 7,153.89            | 6,977.31            | 109.50          | 40.91       | -92.73                | -736.59                           | -1,758.11  | 2,115.58             | 1,976.94              | 138.64                  | 15.259            |                    |         |
| 10,700.00              | 6,915.93            | 7,155.45            | 6,978.87            | 112.19          | 40.91       | -92.78                | -736.53                           | -1,758.15  | 2,162.90             | 2,023.63              | 139.27                  | 15.531            |                    |         |
| 10,800.00              | 6,915.02            | 7,157.03            | 6,980.45            | 114.90          | 40.92       | -92.82                | -736.46                           | -1,758.19  | 2,213.72             | 2,074.02              | 139.71                  | 15.846            |                    |         |
| 10,900.00              | 6,914.11            | 7,158.63            | 6,982.05            | 117.61          | 40.92       | -92.87                | -736.40                           | -1,758.23  | 2,267.82             | 2,127.84              | 139.98                  | 16.202            |                    |         |
| 11,000.00              | 6,913.20            | 7,160.25            | 6,983.67            | 120.32          | 40.92       | -92.92                | -736.34                           | -1,758.28  | 2,324.96             | 2,184.86              | 140.10                  | 16.595            |                    |         |
| 11,100.00              | 6,912.28            | 7,161.89            | 6,985.31            | 123.04          | 40.93       | -92.97                | -736.27                           | -1,758.32  | 2,384.92             | 2,244.83              | 140.09                  | 17.024            |                    |         |
| 11,200.00              | 6,911.37            | 7,163.55            | 6,986.97            | 125.77          | 40.93       | -93.02                | -736.21                           | -1,758.36  | 2,447.50             | 2,307.52              | 139.98                  | 17.485            |                    |         |
| 11,300.00              | 6,910.46            | 7,165.24            | 6,988.65            | 128.50          | 40.94       | -93.07                | -736.14                           | -1,758.40  | 2,512.50             | 2,372.74              | 139.77                  | 17.976            |                    |         |
| 11,400.00              | 6,909.55            | 7,166.95            | 6,990.36            | 131.24          | 40.94       | -93.13                | -736.07                           | -1,758.45  | 2,579.74             | 2,440.26              | 139.48                  | 18.495            |                    |         |
| 11,500.00              | 6,908.64            | 7,168.67            | 6,992.08            | 133.98          | 40.95       | -93.18                | -736.01                           | -1,758.49  | 2,649.05             | 2,509.92              | 139.13                  | 19.040            |                    |         |
| 11,600.00              | 6,907.73            | 7,170.43            | 6,993.83            | 136.72          | 40.96       | -93.23                | -735.94                           | -1,758.54  | 2,720.27             | 2,581.55              | 138.73                  | 19.609            |                    |         |
| 11,700.00              | 6,906.81            | 7,172.20            | 6,995.61            | 139.47          | 40.96       | -93.29                | -735.87                           | -1,758.59  | 2,793.25             | 2,654.97              | 138.28                  | 20.200            |                    |         |
| 11,800.00              | 6,905.90            | 7,174.00            | 6,997.40            | 142.22          | 40.97       | -93.34                | -735.80                           | -1,758.63  | 2,867.86             | 2,730.07              | 137.80                  | 20.812            |                    |         |
| 11,900.00              | 6,904.99            | 7,175.82            | 6,999.23            | 144.97          | 40.97       | -93.40                | -735.73                           | -1,758.68  | 2,943.98             | 2,806.69              | 137.29                  | 21.443            |                    |         |
| 12,000.00              | 6,904.08            | 7,177.67            | 7,001.07            | 147.73          | 40.98       | -93.45                | -735.65                           | -1,758.73  | 3,021.49             | 2,884.72              | 136.77                  | 22.092            |                    |         |
| 12,100.00              | 6,903.17            | 7,179.54            | 7,002.94            | 150.49          | 40.98       | -93.51                | -735.58                           | -1,758.78  | 3,100.28             | 2,964.06              | 136.23                  | 22.758            |                    |         |
| 12,200.00              | 6,902.26            | 7,181.44            | 7,004.84            | 153.26          | 40.99       | -93.57                | -735.50                           | -1,758.83  | 3,180.27             | 3,044.59              | 135.68                  | 23.439            |                    |         |
| 12,300.00              | 6,901.34            | 7,183.37            | 7,006.76            | 156.02          | 40.99       | -93.63                | -735.43                           | -1,758.88  | 3,261.36             | 3,126.23              | 135.13                  | 24.135            |                    |         |
| 12,400.00              | 6,900.43            | 7,185.32            | 7,008.71            | 158.79          | 41.00       | -93.68                | -735.35                           | -1,758.94  | 3,343.48             | 3,208.90              | 134.58                  | 24.844            |                    |         |
| 12,500.00              | 6,899.52            | 7,187.30            | 7,010.69            | 161.56          | 41.01       | -93.74                | -735.27                           | -1,758.99  | 3,426.54             | 3,292.51              | 134.03                  | 25.566            |                    |         |
| 12,600.00              | 6,898.61            | 7,189.31            | 7,012.70            | 164.34          | 41.01       | -93.81                | -735.19                           | -1,759.04  | 3,510.48             | 3,377.01              | 133.48                  | 26.300            |                    |         |
| 12,700.00              | 6,897.70            | 7,191.35            | 7,014.73            | 167.11          | 41.02       | -93.87                | -735.11                           | -1,759.10  | 3,595.25             | 3,462.31              | 132.94                  | 27.045            |                    |         |
| 12,800.00              | 6,896.79            | 7,193.41            | 7,016.79            | 169.89          | 41.02       | -93.93                | -735.03                           | -1,759.16  | 3,680.78             | 3,548.38              | 132.40                  | 27.800            |                    |         |
| 12,900.00              | 6,895.87            | 7,195.51            | 7,018.89            | 172.67          | 41.03       | -93.99                | -734.95                           | -1,759.21  | 3,767.02             | 3,635.15              | 131.88                  | 28.565            |                    |         |
| 13,000.00              | 6,894.96            | 7,197.64            | 7,021.01            | 175.45          | 41.04       | -94.06                | -734.86                           | -1,759.27  | 3,853.93             | 3,722.57              | 131.36                  | 29.339            |                    |         |
| 13,100.00              | 6,894.05            | 7,199.79            | 7,023.17            | 178.23          | 41.04       | -94.12                | -734.78                           | -1,759.33  | 3,941.46             | 3,810.60              | 130.85                  | 30.121            |                    |         |
| 13,200.00              | 6,893.14            | 7,201.98            | 7,025.35            | 181.02          | 41.05       | -94.19                | -734.69                           | -1,759.40  | 4,029.56             | 3,899.20              | 130.36                  | 30.911            |                    |         |
| 13,300.00              | 6,892.23            | 7,204.21            | 7,027.57            | 183.80          | 41.06       | -94.26                | -734.60                           | -1,759.46  | 4,118.21             | 3,988.34              | 129.88                  | 31.709            |                    |         |
| 13,400.00              | 6,891.31            | 7,206.46            | 7,029.83            | 186.59          | 41.06       | -94.33                | -734.52                           | -1,759.52  | 4,207.37             | 4,077.96              | 129.40                  | 32.514            |                    |         |
| 13,500.00              | 6,890.40            | 7,208.75            | 7,032.12            | 189.38          | 41.07       | -94.40                | -734.44                           | -1,759.59  | 4,297.00             | 4,168.06              | 128.94                  | 33.325            |                    |         |
| 13,600.00              | 6,889.49            | 7,211.08            | 7,034.44            | 192.17          | 41.08       | -94.47                | -734.33                           | -1,759.65  | 4,387.08             | 4,258.59              | 128.49                  | 34.142            |                    |         |
| 13,700.00              | 6,888.58            | 7,213.44            | 7,036.80            | 194.97          | 41.08       | -94.54                | -734.24                           | -1,759.72  | 4,477.58             | 4,349.52              | 128.06                  | 34.966            |                    |         |
| 13,800.00              | 6,887.67            | 7,215.83            | 7,039.19            | 197.76          | 41.09       | -94.61                | -734.14                           | -1,759.79  | 4,568.48             | 4,440.84              | 127.63                  | 35.794            |                    |         |
| 13,900.00              | 6,886.76            | 7,218.27            | 7,041.62            | 200.56          | 41.10       | -94.69                | -734.05                           | -1,759.86  | 4,659.74             | 4,532.53              | 127.22                  | 36.628            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 14,000.00              | 6,885.84            | 7,220.74            | 7,044.09            | 203.35          | 41.10       | -94.76                | -733.95                           | -1,759.93  | 4,751.36             | 4,624.55              | 126.82                  | 37.467            |                    |         |
| 14,100.00              | 6,884.93            | 7,223.25            | 7,046.60            | 206.15          | 41.11       | -94.84                | -733.85                           | -1,760.00  | 4,843.31             | 4,716.89              | 126.42                  | 38.310            |                    |         |
| 14,200.00              | 6,884.02            | 7,225.81            | 7,049.15            | 208.95          | 41.12       | -94.91                | -733.75                           | -1,760.08  | 4,935.57             | 4,809.53              | 126.05                  | 39.157            |                    |         |
| 14,300.00              | 6,883.11            | 7,228.40            | 7,051.74            | 211.75          | 41.13       | -94.99                | -733.64                           | -1,760.16  | 5,028.13             | 4,902.45              | 125.68                  | 40.008            |                    |         |
| 14,400.00              | 6,882.20            | 7,225.84            | 7,049.18            | 214.55          | 41.12       | -94.91                | -733.74                           | -1,760.07  | 5,120.97             | 4,995.66              | 125.31                  | 40.866            |                    |         |
| 14,500.00              | 6,881.29            | 7,227.70            | 7,051.04            | 217.35          | 41.13       | -94.97                | -733.66                           | -1,760.13  | 5,214.07             | 5,089.11              | 124.96                  | 41.725            |                    |         |
| 14,600.00              | 6,880.37            | 7,229.56            | 7,052.89            | 220.15          | 41.13       | -95.03                | -733.59                           | -1,760.18  | 5,307.42             | 5,182.80              | 124.62                  | 42.587            |                    |         |
| 14,700.00              | 6,879.46            | 7,231.41            | 7,054.75            | 222.95          | 41.14       | -95.08                | -733.51                           | -1,760.23  | 5,401.01             | 5,276.71              | 124.30                  | 43.453            |                    |         |
| 14,800.00              | 6,878.55            | 7,233.26            | 7,056.60            | 225.76          | 41.14       | -95.14                | -733.44                           | -1,760.28  | 5,494.83             | 5,370.85              | 123.98                  | 44.321            |                    |         |
| 14,900.00              | 6,877.64            | 7,235.11            | 7,058.44            | 228.56          | 41.15       | -95.20                | -733.36                           | -1,760.34  | 5,588.85             | 5,465.18              | 123.67                  | 45.192            |                    |         |
| 15,000.00              | 6,876.73            | 7,236.96            | 7,060.29            | 231.37          | 41.15       | -95.25                | -733.29                           | -1,760.39  | 5,683.09             | 5,559.72              | 123.37                  | 46.065            |                    |         |
| 15,100.00              | 6,875.82            | 7,238.80            | 7,062.13            | 234.18          | 41.16       | -95.31                | -733.21                           | -1,760.44  | 5,777.51             | 5,654.43              | 123.08                  | 46.941            |                    |         |
| 15,200.00              | 6,874.90            | 7,240.64            | 7,063.97            | 236.98          | 41.16       | -95.36                | -733.14                           | -1,760.49  | 5,872.12             | 5,749.32              | 122.80                  | 47.820            |                    |         |
| 15,300.00              | 6,873.99            | 7,242.48            | 7,065.80            | 239.79          | 41.17       | -95.42                | -733.06                           | -1,760.55  | 5,966.90             | 5,844.38              | 122.52                  | 48.700            |                    |         |
| 15,400.00              | 6,873.08            | 7,244.31            | 7,067.64            | 242.60          | 41.18       | -95.48                | -732.98                           | -1,760.60  | 6,061.85             | 5,939.60              | 122.26                  | 49.582            |                    |         |
| 15,500.00              | 6,872.17            | 7,246.15            | 7,069.47            | 245.41          | 41.18       | -95.53                | -732.91                           | -1,760.65  | 6,156.97             | 6,034.96              | 122.00                  | 50.466            |                    |         |
| 15,600.00              | 6,871.26            | 7,247.98            | 7,071.29            | 248.22          | 41.19       | -95.59                | -732.83                           | -1,760.70  | 6,252.23             | 6,130.48              | 121.75                  | 51.352            |                    |         |
| 15,700.00              | 6,870.35            | 7,249.81            | 7,073.12            | 251.03          | 41.19       | -95.64                | -732.76                           | -1,760.75  | 6,347.64             | 6,226.13              | 121.51                  | 52.240            |                    |         |
| 15,737.91              | 6,870.00            | 7,250.50            | 7,073.81            | 252.10          | 41.19       | -95.66                | -732.73                           | -1,760.77  | 6,383.84             | 6,262.42              | 121.42                  | 52.576            |                    |         |
| 15,738.53              | 6,869.99            | 7,250.51            | 7,073.82            | 252.11          | 41.19       | -95.66                | -732.73                           | -1,760.77  | 6,384.43             | 6,263.01              | 121.42                  | 52.582            |                    |         |



|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.00                   | 0.00                | 0.00                | 0.00                | 3.28            | 3.28        | -80.71                | 152.30                            | -931.15    | 944.25               |                       |                         |                   |                    |         |
| 100.00                 | 100.00              | 60.80               | 60.80               | 3.28            | 3.29        | -80.71                | 152.34                            | -931.20    | 943.58               | 937.01                | 6.57                    | 143.556           |                    |         |
| 200.00                 | 200.00              | 156.10              | 156.10              | 3.34            | 3.34        | -80.69                | 152.69                            | -931.61    | 944.06               | 937.38                | 6.68                    | 141.299           |                    |         |
| 300.00                 | 300.00              | 265.66              | 265.66              | 3.44            | 3.46        | -80.73                | 152.08                            | -932.02    | 944.35               | 937.44                | 6.91                    | 136.680           |                    |         |
| 400.00                 | 399.98              | 440.00              | 439.54              | 3.60            | 3.78        | -111.70               | 141.75                            | -928.31    | 942.82               | 935.40                | 7.42                    | 126.984           |                    |         |
| 500.00                 | 499.84              | 569.59              | 567.30              | 3.81            | 4.13        | -113.26               | 123.04                            | -917.53    | 934.30               | 926.30                | 8.00                    | 116.833           |                    |         |
| 550.00                 | 549.68              | 616.75              | 613.70              | 3.93            | 4.28        | -113.95               | 115.79                            | -913.23    | 930.34               | 922.10                | 8.25                    | 112.819           |                    |         |
| 600.00                 | 599.45              | 664.60              | 660.80              | 4.06            | 4.45        | -116.96               | 108.60                            | -908.90    | 927.02               | 918.50                | 8.52                    | 108.776           |                    |         |
| 700.00                 | 698.71              | 758.51              | 753.32              | 4.33            | 4.80        | -121.32               | 94.84                             | -900.53    | 922.62               | 913.50                | 9.12                    | 101.178           |                    |         |
| 792.07                 | 789.68              | 847.60              | 841.10              | 4.61            | 5.17        | -124.44               | 81.74                             | -892.77    | 921.35               | 911.61                | 9.74                    | 94.588 CC         |                    |         |
| 800.00                 | 797.49              | 855.29              | 848.67              | 4.64            | 5.20        | -124.69               | 80.58                             | -892.10    | 921.36               | 911.57                | 9.80                    | 94.048 ES         |                    |         |
| 900.00                 | 895.68              | 962.45              | 953.88              | 4.97            | 5.69        | -127.90               | 62.74                             | -882.31    | 922.85               | 912.25                | 10.60                   | 87.059            |                    |         |
| 1,000.00               | 993.14              | 1,083.54            | 1,071.43            | 5.33            | 6.33        | -131.52               | 37.15                             | -868.62    | 925.87               | 914.30                | 11.57                   | 80.003            |                    |         |
| 1,039.84               | 1,031.75            | 1,128.08            | 1,114.32            | 5.48            | 6.59        | -132.90               | 26.76                             | -862.70    | 927.50               | 915.53                | 11.98                   | 77.440            |                    |         |
| 1,100.00               | 1,089.94            | 1,190.19            | 1,173.82            | 5.72            | 6.97        | -134.56               | 11.32                             | -853.79    | 930.28               | 917.70                | 12.58                   | 73.976            |                    |         |
| 1,200.00               | 1,186.67            | 1,286.35            | 1,265.44            | 6.13            | 7.60        | -137.19               | -14.01                            | -839.27    | 935.96               | 922.38                | 13.59                   | 68.889            |                    |         |
| 1,300.00               | 1,283.39            | 1,381.31            | 1,355.54            | 6.55            | 8.26        | -139.81               | -39.94                            | -824.19    | 943.16               | 928.51                | 14.65                   | 64.395            |                    |         |
| 1,400.00               | 1,380.12            | 1,474.94            | 1,444.38            | 6.99            | 8.92        | -142.35               | -65.22                            | -808.85    | 952.00               | 936.27                | 15.73                   | 60.513            |                    |         |
| 1,500.00               | 1,476.85            | 1,569.12            | 1,533.88            | 7.45            | 9.60        | -144.83               | -89.96                            | -793.11    | 962.46               | 945.61                | 16.84                   | 57.136            |                    |         |
| 1,600.00               | 1,573.57            | 1,656.94            | 1,617.23            | 7.90            | 10.24       | -147.11               | -113.19                           | -778.14    | 974.61               | 956.68                | 17.93                   | 54.355            |                    |         |
| 1,700.00               | 1,670.30            | 1,750.33            | 1,706.05            | 8.37            | 10.93       | -149.45               | -137.45                           | -762.50    | 988.77               | 969.70                | 19.07                   | 51.857            |                    |         |
| 1,800.00               | 1,767.03            | 1,844.00            | 1,795.18            | 8.85            | 11.63       | -151.72               | -161.30                           | -746.38    | 1,004.14             | 983.94                | 20.21                   | 49.693            |                    |         |
| 1,900.00               | 1,863.75            | 1,937.05            | 1,884.16            | 9.32            | 12.31       | -153.84               | -183.59                           | -730.68    | 1,020.89             | 999.56                | 21.33                   | 47.859            |                    |         |
| 2,000.00               | 1,960.48            | 2,010.23            | 1,954.14            | 9.81            | 12.84       | -155.46               | -201.24                           | -718.66    | 1,039.59             | 1,017.29              | 22.30                   | 46.621            |                    |         |
| 2,100.00               | 2,057.21            | 2,081.30            | 2,021.97            | 10.29           | 13.37       | -157.03               | -219.59                           | -708.00    | 1,061.48             | 1,038.25              | 23.24                   | 45.682            |                    |         |
| 2,200.00               | 2,153.93            | 2,161.57            | 2,098.70            | 10.78           | 13.96       | -158.72               | -240.53                           | -697.18    | 1,086.03             | 1,061.80              | 24.24                   | 44.807            |                    |         |
| 2,300.00               | 2,250.66            | 2,264.77            | 2,197.47            | 11.28           | 14.72       | -160.79               | -267.01                           | -683.24    | 1,111.65             | 1,086.21              | 25.44                   | 43.705            |                    |         |
| 2,400.00               | 2,347.39            | 2,364.78            | 2,293.13            | 11.77           | 15.46       | -162.73               | -292.09                           | -668.35    | 1,137.03             | 1,110.42              | 26.60                   | 42.741            |                    |         |
| 2,500.00               | 2,444.11            | 2,451.15            | 2,375.75            | 12.27           | 16.10       | -164.33               | -313.69                           | -655.42    | 1,163.42             | 1,135.77              | 27.64                   | 42.088            |                    |         |
| 2,600.00               | 2,540.84            | 2,542.95            | 2,463.54            | 12.77           | 16.78       | -165.97               | -336.85                           | -641.84    | 1,191.07             | 1,162.34              | 28.73                   | 41.464            |                    |         |
| 2,700.00               | 2,637.57            | 2,618.72            | 2,536.02            | 13.27           | 17.35       | -167.26               | -355.89                           | -630.72    | 1,219.72             | 1,190.07              | 29.65                   | 41.136            |                    |         |
| 2,800.00               | 2,734.30            | 2,690.63            | 2,604.46            | 13.78           | 17.91       | -168.49               | -375.51                           | -620.62    | 1,250.87             | 1,220.34              | 30.53                   | 40.971            |                    |         |
| 2,900.00               | 2,831.02            | 2,785.21            | 2,694.06            | 14.28           | 18.65       | -170.10               | -402.48                           | -606.87    | 1,283.34             | 1,251.69              | 31.65                   | 40.548            |                    |         |
| 3,000.00               | 2,927.75            | 2,897.01            | 2,800.34            | 14.79           | 19.52       | -171.87               | -432.79                           | -589.96    | 1,315.41             | 1,282.47              | 32.93                   | 39.941            |                    |         |
| 3,100.00               | 3,024.48            | 2,970.10            | 2,870.35            | 15.29           | 20.08       | -172.91               | -451.10                           | -579.72    | 1,347.72             | 1,313.92              | 33.80                   | 39.876            |                    |         |
| 3,200.00               | 3,121.20            | 3,039.88            | 2,936.82            | 15.80           | 20.61       | -173.89               | -470.19                           | -570.43    | 1,382.44             | 1,347.83              | 34.61                   | 39.943            |                    |         |
| 3,300.00               | 3,217.93            | 3,153.02            | 3,044.72            | 16.31           | 21.48       | -175.41               | -500.70                           | -555.34    | 1,417.65             | 1,381.77              | 35.88                   | 39.506            |                    |         |
| 3,400.00               | 3,314.66            | 3,279.51            | 3,166.25            | 16.82           | 22.40       | -176.92               | -531.17                           | -537.98    | 1,451.14             | 1,413.88              | 37.26                   | 38.943            |                    |         |
| 3,500.00               | 3,411.38            | 3,383.52            | 3,266.80            | 17.33           | 23.13       | -178.02               | -553.78                           | -523.96    | 1,483.64             | 1,445.26              | 38.38                   | 38.653            |                    |         |
| 3,600.00               | 3,508.11            | 3,371.00            | 3,254.65            | 17.84           | 23.04       | -177.89               | -551.19                           | -525.57    | 1,519.71             | 1,481.41              | 38.29                   | 39.687            |                    |         |
| 3,700.00               | 3,604.84            | 3,371.00            | 3,254.65            | 18.36           | 23.04       | -177.89               | -551.19                           | -525.57    | 1,561.31             | 1,523.11              | 38.19                   | 40.881            |                    |         |
| 3,800.00               | 3,701.56            | 3,371.00            | 3,254.65            | 18.87           | 23.04       | -177.89               | -551.19                           | -525.57    | 1,608.06             | 1,570.08              | 37.98                   | 42.339            |                    |         |
| 3,900.00               | 3,798.29            | 3,894.03            | 3,623.75            | 19.38           | 26.87       | 174.39                | -732.90                           | -409.99    | 1,659.43             | 1,616.32              | 43.11                   | 38.491            |                    |         |
| 4,000.00               | 3,895.02            | 4,006.43            | 3,733.31            | 19.89           | 27.59       | 173.64                | -753.14                           | -395.11    | 1,692.16             | 1,647.91              | 44.25                   | 38.241            |                    |         |
| 4,100.00               | 3,991.74            | 4,098.64            | 3,823.86            | 20.41           | 28.12       | 173.17                | -767.65                           | -385.50    | 1,724.67             | 1,679.50              | 45.17                   | 38.186            |                    |         |
| 4,200.00               | 4,088.47            | 4,206.62            | 3,930.64            | 20.92           | 28.68       | 172.80                | -781.67                           | -377.89    | 1,756.73             | 1,710.57              | 46.16                   | 38.057            |                    |         |
| 4,300.00               | 4,185.20            | 4,350.91            | 4,073.93            | 21.44           | 29.35       | 172.46                | -796.68                           | -370.19    | 1,787.87             | 1,740.50              | 47.37                   | 37.739            |                    |         |
| 4,400.00               | 4,281.92            | 4,470.87            | 4,193.50            | 21.95           | 29.84       | 172.31                | -804.71                           | -365.14    | 1,816.35             | 1,767.98              | 48.36                   | 37.557            |                    |         |
| 4,500.00               | 4,378.65            | 4,587.17            | 4,309.66            | 22.47           | 30.26       | 172.28                | -809.66                           | -362.28    | 1,843.75             | 1,794.46              | 49.29                   | 37.409            |                    |         |
| 4,600.00               | 4,475.38            | 4,722.46            | 4,444.93            | 22.99           | 30.66       | 172.37                | -811.25                           | -361.44    | 1,869.55             | 1,819.31              | 50.25                   | 37.208            |                    |         |
| 4,700.00               | 4,572.10            | 4,811.68            | 4,534.15            | 23.50           | 30.88       | 172.49                | -810.83                           | -361.89    | 1,894.59             | 1,843.64              | 50.96                   | 37.181            |                    |         |
| 4,800.00               | 4,668.83            | 4,906.87            | 4,629.33            | 24.02           | 31.12       | 172.62                | -810.32                           | -362.94    | 1,919.89             | 1,868.21              | 51.69                   | 37.144            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 4,900.00               | 4,765.56            | 5,009.36            | 4,731.80            | 24.53           | 31.37       | 172.78                | -809.31                           | -364.48    | 1,945.05             | 1,892.60              | 52.45                   | 37.083            |                    |         |
| 5,000.00               | 4,862.28            | 5,109.54            | 4,831.96            | 25.05           | 31.62       | 172.94                | -807.91                           | -366.17    | 1,969.98             | 1,916.77              | 53.21                   | 37.026            |                    |         |
| 5,100.00               | 4,959.01            | 5,207.33            | 4,929.70            | 25.57           | 31.86       | 173.12                | -805.95                           | -368.57    | 1,994.82             | 1,940.87              | 53.95                   | 36.976            |                    |         |
| 5,200.00               | 5,055.74            | 5,290.89            | 5,013.22            | 26.09           | 32.06       | 173.27                | -804.42                           | -370.64    | 2,019.85             | 1,965.22              | 54.63                   | 36.972            |                    |         |
| 5,300.00               | 5,152.46            | 5,371.24            | 5,093.55            | 26.60           | 32.28       | 173.39                | -804.03                           | -372.35    | 2,045.78             | 1,990.48              | 55.30                   | 36.991            |                    |         |
| 5,400.00               | 5,249.19            | 5,482.77            | 5,205.06            | 27.12           | 32.58       | 173.54                | -803.89                           | -374.65    | 2,072.03             | 2,015.90              | 56.13                   | 36.913            |                    |         |
| 5,500.00               | 5,345.92            | 5,612.44            | 5,334.69            | 27.64           | 32.92       | 173.73                | -801.71                           | -376.78    | 2,096.76             | 2,039.72              | 57.04                   | 36.759            |                    |         |
| 5,600.00               | 5,442.65            | 5,723.71            | 5,445.92            | 28.16           | 33.22       | 173.87                | -798.86                           | -377.53    | 2,120.25             | 2,062.38              | 57.87                   | 36.640            |                    |         |
| 5,700.00               | 5,539.37            | 5,804.87            | 5,527.05            | 28.68           | 33.44       | 173.98                | -796.72                           | -378.41    | 2,143.94             | 2,085.38              | 58.56                   | 36.610            |                    |         |
| 5,800.00               | 5,636.10            | 5,877.23            | 5,599.38            | 29.20           | 33.64       | 174.08                | -795.53                           | -379.46    | 2,168.64             | 2,109.43              | 59.21                   | 36.626            |                    |         |
| 5,900.00               | 5,732.83            | 5,958.07            | 5,680.22            | 29.71           | 33.89       | 174.15                | -795.53                           | -379.97    | 2,194.23             | 2,134.31              | 59.91                   | 36.622            |                    |         |
| 6,000.00               | 5,829.55            | 6,044.78            | 5,766.91            | 30.23           | 34.20       | 174.16                | -797.13                           | -379.04    | 2,220.39             | 2,159.71              | 60.68                   | 36.591            |                    |         |
| 6,100.00               | 5,926.28            | 6,156.75            | 5,878.85            | 30.75           | 34.60       | 174.17                | -799.38                           | -377.40    | 2,246.48             | 2,184.88              | 61.60                   | 36.469            |                    |         |
| 6,200.00               | 6,023.01            | 6,266.92            | 5,989.01            | 31.27           | 34.97       | 174.23                | -799.75                           | -376.97    | 2,271.78             | 2,209.29              | 62.49                   | 36.354            |                    |         |
| 6,300.00               | 6,119.73            | 6,363.04            | 6,085.13            | 31.79           | 35.28       | 174.29                | -799.68                           | -376.84    | 2,296.90             | 2,233.61              | 63.29                   | 36.292            |                    |         |
| 6,397.75               | 6,214.28            | 6,472.23            | 6,194.30            | 32.30           | 35.61       | 174.41                | -798.46                           | -378.09    | 2,321.34             | 2,257.21              | 64.13                   | 36.196            |                    |         |
| 6,400.00               | 6,216.46            | 6,475.03            | 6,197.10            | 32.31           | 35.61       | 175.04                | -798.40                           | -378.14    | 2,321.89             | 2,257.74              | 64.15                   | 36.193            |                    |         |
| 6,450.00               | 6,265.12            | 6,529.43            | 6,251.47            | 32.56           | 35.77       | -168.03               | -797.02                           | -379.29    | 2,332.86             | 2,268.30              | 64.56                   | 36.135            |                    |         |
| 6,500.00               | 6,314.12            | 6,581.53            | 6,303.53            | 32.78           | 35.91       | -145.99               | -795.40                           | -380.71    | 2,341.48             | 2,276.55              | 64.94                   | 36.058            |                    |         |
| 6,550.00               | 6,363.16            | 6,633.52            | 6,355.46            | 32.99           | 36.06       | -123.40               | -793.53                           | -382.39    | 2,347.73             | 2,282.43              | 65.29                   | 35.956            |                    |         |
| 6,600.00               | 6,411.94            | 6,693.10            | 6,414.95            | 33.18           | 36.22       | -105.81               | -791.13                           | -384.51    | 2,351.55             | 2,285.88              | 65.67                   | 35.807            |                    |         |
| 6,650.00               | 6,460.15            | 6,773.48            | 6,495.24            | 33.35           | 36.44       | -94.20                | -787.77                           | -386.10    | 2,352.54             | 2,286.41              | 66.13                   | 35.573            |                    |         |
| 6,700.00               | 6,507.49            | 6,799.57            | 6,521.32            | 33.52           | 36.52       | -86.48                | -786.89                           | -386.37    | 2,351.23             | 2,284.89              | 66.34                   | 35.444            |                    |         |
| 6,750.00               | 6,553.69            | 6,831.92            | 6,553.65            | 33.69           | 36.62       | -81.51                | -786.02                           | -386.60    | 2,347.97             | 2,281.41              | 66.55                   | 35.279            |                    |         |
| 6,800.00               | 6,598.44            | 6,851.00            | 6,572.73            | 33.85           | 36.67       | -78.17                | -785.64                           | -386.69    | 2,342.88             | 2,276.19              | 66.69                   | 35.130            |                    |         |
| 6,850.00               | 6,641.47            | 6,887.02            | 6,608.75            | 34.02           | 36.79       | -76.22                | -785.20                           | -386.92    | 2,336.01             | 2,269.09              | 66.92                   | 34.909            |                    |         |
| 6,900.00               | 6,682.53            | 6,911.57            | 6,633.30            | 34.19           | 36.87       | -75.01                | -785.09                           | -387.18    | 2,327.57             | 2,260.49              | 67.08                   | 34.699            |                    |         |
| 6,950.00               | 6,721.35            | 6,941.00            | 6,662.72            | 34.38           | 36.96       | -74.53                | -785.17                           | -387.59    | 2,317.62             | 2,250.35              | 67.28                   | 34.450            |                    |         |
| 7,000.00               | 6,757.70            | 6,966.60            | 6,688.32            | 34.57           | 37.04       | -74.52                | -785.31                           | -388.07    | 2,306.19             | 2,238.73              | 67.46                   | 34.185            |                    |         |
| 7,050.00               | 6,791.35            | 6,999.98            | 6,721.69            | 34.79           | 37.15       | -75.10                | -785.40                           | -388.88    | 2,293.31             | 2,225.59              | 67.72                   | 33.865            |                    |         |
| 7,100.00               | 6,822.10            | 7,031.79            | 6,753.49            | 35.03           | 37.25       | -76.03                | -785.40                           | -389.86    | 2,279.11             | 2,211.11              | 68.00                   | 33.518            |                    |         |
| 7,150.00               | 6,849.75            | 7,070.10            | 6,791.77            | 35.30           | 37.37       | -77.45                | -785.19                           | -391.24    | 2,263.69             | 2,195.35              | 68.35                   | 33.121            |                    |         |
| 7,200.00               | 6,874.14            | 7,104.80            | 6,826.43            | 35.61           | 37.47       | -79.11                | -784.76                           | -392.66    | 2,247.23             | 2,178.51              | 68.72                   | 32.702            |                    |         |
| 7,250.00               | 6,895.11            | 7,141.56            | 6,863.14            | 35.95           | 37.58       | -81.08                | -784.02                           | -394.40    | 2,229.90             | 2,160.76              | 69.15                   | 32.249            |                    |         |
| 7,300.00               | 6,912.54            | 7,178.92            | 6,900.42            | 36.34           | 37.68       | -83.30                | -782.76                           | -396.60    | 2,211.88             | 2,142.25              | 69.62                   | 31.769            |                    |         |
| 7,350.00               | 6,926.31            | 7,211.55            | 6,932.93            | 36.77           | 37.78       | -85.61                | -781.24                           | -398.90    | 2,193.39             | 2,123.26              | 70.13                   | 31.278            |                    |         |
| 7,400.00               | 6,936.35            | 7,226.86            | 6,948.18            | 37.25           | 37.82       | -87.59                | -780.45                           | -400.00    | 2,174.71             | 2,104.12              | 70.59                   | 30.807            |                    |         |
| 7,450.00               | 6,942.59            | 7,238.46            | 6,959.74            | 37.76           | 37.85       | -89.57                | -779.85                           | -400.80    | 2,156.10             | 2,085.01              | 71.09                   | 30.330            |                    |         |
| 7,500.00               | 6,944.99            | 7,245.20            | 6,966.46            | 38.31           | 37.87       | -91.47                | -779.51                           | -401.25    | 2,137.72             | 2,066.12              | 71.60                   | 29.856            |                    |         |
| 7,512.10               | 6,945.00            | 7,246.12            | 6,967.37            | 38.44           | 37.87       | -91.91                | -779.46                           | -401.31    | 2,133.32             | 2,061.59              | 71.73                   | 29.741            |                    |         |
| 7,600.00               | 6,944.19            | 7,251.65            | 6,972.88            | 39.51           | 37.88       | -92.07                | -779.17                           | -401.67    | 2,103.08             | 2,030.35              | 72.73                   | 28.916            |                    |         |
| 7,700.00               | 6,943.28            | 7,257.64            | 6,978.85            | 40.90           | 37.90       | -92.25                | -778.87                           | -402.06    | 2,072.67             | 1,998.63              | 74.04                   | 27.995            |                    |         |
| 7,800.00               | 6,942.37            | 7,263.33            | 6,984.52            | 42.44           | 37.92       | -92.41                | -778.57                           | -402.41    | 2,046.68             | 1,971.18              | 75.50                   | 27.109            |                    |         |
| 7,900.00               | 6,941.46            | 7,268.74            | 6,989.92            | 44.11           | 37.93       | -92.57                | -778.29                           | -402.75    | 2,025.28             | 1,948.19              | 77.10                   | 26.270            |                    |         |
| 8,000.00               | 6,940.55            | 7,273.90            | 6,995.06            | 45.90           | 37.94       | -92.71                | -778.03                           | -403.06    | 2,008.63             | 1,929.83              | 78.80                   | 25.491            |                    |         |
| 8,100.00               | 6,939.64            | 7,278.82            | 6,999.97            | 47.80           | 37.96       | -92.86                | -777.77                           | -403.35    | 1,996.84             | 1,916.26              | 80.58                   | 24.781            |                    |         |
| 8,200.00               | 6,938.72            | 7,283.52            | 7,004.65            | 49.79           | 37.97       | -92.99                | -777.53                           | -403.62    | 1,990.00             | 1,907.59              | 82.41                   | 24.146            |                    |         |
| 8,286.63               | 6,937.93            | 7,287.43            | 7,008.55            | 51.59           | 37.98       | -93.10                | -777.33                           | -403.84    | 1,988.12             | 1,904.09              | 84.03                   | 23.661            |                    |         |
| 8,300.00               | 6,937.81            | 7,288.02            | 7,009.13            | 51.86           | 37.98       | -93.12                | -777.30                           | -403.88    | 1,988.16             | 1,903.89              | 84.27                   | 23.593            |                    |         |
| 8,400.00               | 6,936.90            | 7,292.31            | 7,013.42            | 54.01           | 37.99       | -93.24                | -777.08                           | -404.12    | 1,991.34             | 1,905.22              | 86.12                   | 23.122            |                    |         |
| 8,500.00               | 6,935.99            | 7,296.43            | 7,017.52            | 56.21           | 38.01       | -93.36                | -776.87                           | -404.35    | 1,999.51             | 1,911.56              | 87.95                   | 22.734            |                    |         |
| 8,600.00               | 6,935.08            | 7,301.75            | 7,022.83            | 58.47           | 38.02       | -93.52                | -776.59                           | -404.64    | 2,012.62             | 1,922.88              | 89.74                   | 22.428            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,700.00               | 6,934.17            | 7,307.35            | 7,028.41            | 60.78           | 38.03       | -93.68                | -776.30                           | -404.94    | 2,030.55             | 1,939.09              | 91.46                   | 22.201            |                    |         |
| 8,800.00               | 6,933.25            | 7,313.02            | 7,034.06            | 63.13           | 38.05       | -93.84                | -776.00                           | -405.26    | 2,053.20             | 1,960.09              | 93.11                   | 22.052            |                    |         |
| 8,900.00               | 6,932.34            | 7,318.76            | 7,039.79            | 65.52           | 38.07       | -94.01                | -775.69                           | -405.57    | 2,080.40             | 1,985.73              | 94.67                   | 21.976            |                    |         |
| 9,000.00               | 6,931.43            | 7,324.57            | 7,045.59            | 67.95           | 38.08       | -94.17                | -775.38                           | -405.90    | 2,111.97             | 2,015.84              | 96.13                   | 21.970 SF         |                    |         |
| 9,100.00               | 6,930.52            | 7,330.46            | 7,051.46            | 70.40           | 38.10       | -94.34                | -775.06                           | -406.23    | 2,147.73             | 2,050.23              | 97.50                   | 22.029            |                    |         |
| 9,200.00               | 6,929.61            | 7,336.43            | 7,057.40            | 72.89           | 38.11       | -94.51                | -774.73                           | -406.57    | 2,187.47             | 2,088.70              | 98.76                   | 22.149            |                    |         |
| 9,300.00               | 6,928.69            | 7,342.47            | 7,063.42            | 75.40           | 38.13       | -94.69                | -774.39                           | -406.91    | 2,230.97             | 2,131.04              | 99.93                   | 22.326            |                    |         |
| 9,400.00               | 6,927.78            | 7,348.59            | 7,069.52            | 77.93           | 38.15       | -94.86                | -774.04                           | -407.26    | 2,278.02             | 2,177.03              | 100.99                  | 22.556            |                    |         |
| 9,500.00               | 6,926.87            | 7,354.79            | 7,075.70            | 80.48           | 38.16       | -95.04                | -773.69                           | -407.61    | 2,328.41             | 2,226.45              | 101.96                  | 22.836            |                    |         |
| 9,600.00               | 6,925.96            | 7,361.07            | 7,081.96            | 83.05           | 38.18       | -95.22                | -773.33                           | -407.98    | 2,381.92             | 2,279.08              | 102.84                  | 23.161            |                    |         |
| 9,700.00               | 6,925.05            | 7,367.44            | 7,088.31            | 85.64           | 38.20       | -95.41                | -772.95                           | -408.34    | 2,438.35             | 2,334.71              | 103.64                  | 23.528            |                    |         |
| 9,800.00               | 6,924.14            | 7,373.89            | 7,094.74            | 88.25           | 38.22       | -95.59                | -772.57                           | -408.72    | 2,497.49             | 2,393.14              | 104.35                  | 23.934            |                    |         |
| 9,900.00               | 6,923.22            | 7,380.42            | 7,101.25            | 90.86           | 38.24       | -95.78                | -772.18                           | -409.10    | 2,559.17             | 2,454.18              | 104.99                  | 24.376            |                    |         |
| 10,000.00              | 6,922.31            | 7,387.05            | 7,107.85            | 93.50           | 38.25       | -95.97                | -771.78                           | -409.50    | 2,623.19             | 2,517.63              | 105.56                  | 24.851            |                    |         |
| 10,100.00              | 6,921.40            | 7,393.76            | 7,114.54            | 96.14           | 38.27       | -96.16                | -771.37                           | -409.89    | 2,689.40             | 2,583.34              | 106.07                  | 25.356            |                    |         |
| 10,200.00              | 6,920.49            | 7,400.57            | 7,121.32            | 98.79           | 38.29       | -96.36                | -770.95                           | -410.30    | 2,757.64             | 2,651.12              | 106.51                  | 25.890            |                    |         |
| 10,300.00              | 6,919.58            | 7,407.47            | 7,128.20            | 101.45          | 38.31       | -96.56                | -770.52                           | -410.72    | 2,827.75             | 2,720.84              | 106.91                  | 26.450            |                    |         |
| 10,400.00              | 6,918.67            | 7,414.47            | 7,135.17            | 104.13          | 38.33       | -96.76                | -770.08                           | -411.14    | 2,899.61             | 2,792.35              | 107.26                  | 27.033            |                    |         |
| 10,500.00              | 6,917.75            | 7,421.57            | 7,142.24            | 106.81          | 38.35       | -96.96                | -769.62                           | -411.57    | 2,973.08             | 2,865.51              | 107.57                  | 27.639            |                    |         |
| 10,600.00              | 6,916.84            | 7,428.76            | 7,149.41            | 109.50          | 38.37       | -97.17                | -769.16                           | -412.01    | 3,048.05             | 2,940.22              | 107.83                  | 28.266            |                    |         |
| 10,700.00              | 6,915.93            | 7,435.95            | 7,156.63            | 112.19          | 38.39       | -97.37                | -768.70                           | -412.44    | 3,124.50             | 3,014.96              | 108.07                  | 28.939            |                    |         |
| 10,800.00              | 6,915.02            | 7,443.14            | 7,163.85            | 114.90          | 38.41       | -97.57                | -768.24                           | -412.87    | 3,202.19             | 3,092.18              | 108.29                  | 29.662            |                    |         |
| 10,900.00              | 6,914.11            | 7,450.33            | 7,171.07            | 117.61          | 38.43       | -97.77                | -767.78                           | -413.30    | 3,281.09             | 3,170.63              | 108.49                  | 30.435            |                    |         |
| 11,000.00              | 6,913.20            | 7,457.52            | 7,178.29            | 120.32          | 38.45       | -97.97                | -767.32                           | -413.73    | 3,361.13             | 3,250.55              | 108.67                  | 31.258            |                    |         |
| 11,100.00              | 6,912.28            | 7,464.71            | 7,185.51            | 123.04          | 38.47       | -98.17                | -766.86                           | -414.16    | 3,442.21             | 3,332.49              | 108.82                  | 32.131            |                    |         |
| 11,200.00              | 6,911.37            | 7,471.90            | 7,192.73            | 125.77          | 38.49       | -98.37                | -766.40                           | -414.59    | 3,524.25             | 3,415.43              | 108.95                  | 33.054            |                    |         |
| 11,300.00              | 6,910.46            | 7,479.09            | 7,200.00            | 128.50          | 38.51       | -98.57                | -765.94                           | -415.02    | 3,607.21             | 3,498.30              | 109.06                  | 34.027            |                    |         |
| 11,400.00              | 6,909.55            | 7,486.28            | 7,207.22            | 131.24          | 38.53       | -98.77                | -765.48                           | -415.45    | 3,691.01             | 3,582.02              | 109.15                  | 35.050            |                    |         |
| 11,500.00              | 6,908.64            | 7,493.47            | 7,214.44            | 133.98          | 38.55       | -98.97                | -765.02                           | -415.88    | 3,775.59             | 3,666.55              | 109.22                  | 36.123            |                    |         |
| 11,600.00              | 6,907.73            | 7,500.66            | 7,221.66            | 136.72          | 38.57       | -99.17                | -764.56                           | -416.31    | 3,860.92             | 3,751.82              | 109.28                  | 37.246            |                    |         |
| 11,700.00              | 6,906.81            | 7,507.85            | 7,228.88            | 139.47          | 38.59       | -99.37                | -764.10                           | -416.74    | 3,946.93             | 3,837.80              | 109.33                  | 38.419            |                    |         |
| 11,800.00              | 6,905.90            | 7,515.04            | 7,236.10            | 142.22          | 38.61       | -99.57                | -763.64                           | -417.17    | 4,033.59             | 3,924.43              | 109.37                  | 39.642            |                    |         |
| 11,900.00              | 6,904.99            | 7,522.23            | 7,243.32            | 144.97          | 38.63       | -99.77                | -763.18                           | -417.60    | 4,120.85             | 4,011.67              | 109.40                  | 40.915            |                    |         |
| 12,000.00              | 6,904.08            | 7,529.42            | 7,250.54            | 147.73          | 38.65       | -99.97                | -762.72                           | -418.03    | 4,208.68             | 4,099.49              | 109.42                  | 42.238            |                    |         |
| 12,100.00              | 6,903.17            | 7,536.61            | 7,257.76            | 150.49          | 38.67       | -100.17               | -762.26                           | -418.46    | 4,297.04             | 4,187.84              | 109.43                  | 43.611            |                    |         |
| 12,200.00              | 6,902.26            | 7,543.80            | 7,265.00            | 153.26          | 38.69       | -100.37               | -761.80                           | -418.89    | 4,385.90             | 4,276.70              | 109.44                  | 45.034            |                    |         |
| 12,300.00              | 6,901.34            | 7,551.00            | 7,272.22            | 156.02          | 38.71       | -100.57               | -761.34                           | -419.32    | 4,475.23             | 4,366.03              | 109.45                  | 46.507            |                    |         |
| 12,400.00              | 6,900.43            | 7,558.19            | 7,279.44            | 158.79          | 38.73       | -100.77               | -760.88                           | -419.75    | 4,565.01             | 4,455.81              | 109.45                  | 48.030            |                    |         |
| 12,500.00              | 6,899.52            | 7,565.38            | 7,286.66            | 161.56          | 38.75       | -100.97               | -760.42                           | -420.18    | 4,655.20             | 4,546.02              | 109.45                  | 49.603            |                    |         |
| 12,600.00              | 6,898.61            | 7,572.57            | 7,293.88            | 164.34          | 38.77       | -101.17               | -760.00                           | -420.61    | 4,745.78             | 4,636.61              | 109.45                  | 51.226            |                    |         |
| 12,700.00              | 6,897.70            | 7,579.76            | 7,301.10            | 167.11          | 38.79       | -101.37               | -759.54                           | -421.04    | 4,836.74             | 4,727.58              | 109.45                  | 52.899            |                    |         |
| 12,800.00              | 6,896.79            | 7,586.95            | 7,308.32            | 169.89          | 38.81       | -101.57               | -759.08                           | -421.47    | 4,928.04             | 4,818.91              | 109.45                  | 54.622            |                    |         |
| 12,900.00              | 6,895.87            | 7,594.14            | 7,315.54            | 172.67          | 38.83       | -101.77               | -758.62                           | -421.90    | 5,019.68             | 4,910.56              | 109.45                  | 56.395            |                    |         |
| 13,000.00              | 6,894.96            | 7,601.33            | 7,322.76            | 175.45          | 38.85       | -101.97               | -758.16                           | -422.33    | 5,111.63             | 5,002.54              | 109.45                  | 58.218            |                    |         |
| 13,100.00              | 6,894.05            | 7,608.52            | 7,330.00            | 178.23          | 38.87       | -102.17               | -757.70                           | -422.76    | 5,203.88             | 5,094.81              | 109.45                  | 60.091            |                    |         |
| 13,200.00              | 6,893.14            | 7,615.71            | 7,337.22            | 181.02          | 38.89       | -102.37               | -757.24                           | -423.19    | 5,296.40             | 5,187.36              | 109.45                  | 61.964            |                    |         |
| 13,300.00              | 6,892.23            | 7,622.90            | 7,344.44            | 183.80          | 38.91       | -102.57               | -756.78                           | -423.62    | 5,389.20             | 5,280.18              | 109.45                  | 63.887            |                    |         |
| 13,400.00              | 6,891.31            | 7,630.09            | 7,351.66            | 186.59          | 38.93       | -102.77               | -756.32                           | -424.05    | 5,482.25             | 5,373.25              | 109.45                  | 65.860            |                    |         |
| 13,500.00              | 6,890.40            | 7,637.28            | 7,358.88            | 189.38          | 38.95       | -102.97               | -755.86                           | -424.48    | 5,575.54             | 5,466.57              | 109.45                  | 67.883            |                    |         |
| 13,600.00              | 6,889.49            | 7,644.47            | 7,366.10            | 192.17          | 38.97       | -103.17               | -755.40                           | -424.91    | 5,669.06             | 5,560.11              | 109.45                  | 69.906            |                    |         |
| 13,700.00              | 6,888.58            | 7,651.66            | 7,373.32            | 194.97          | 38.99       | -103.37               | -754.94                           | -425.34    | 5,762.79             | 5,653.87              | 109.45                  | 71.929            |                    |         |
| 13,800.00              | 6,887.67            | 7,658.85            | 7,380.54            | 197.76          | 39.01       | -103.57               | -754.48                           | -425.77    | 5,856.74             | 5,747.84              | 109.45                  | 73.952            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                               |                                     |                            |
|---------------------------|-------------------------------|-------------------------------------|----------------------------|
| <b>Company:</b>           | Synergy Resources Corporation | <b>Local Co-ordinate Reference:</b> | Well Boomerang 32N-6B-M    |
| <b>Project:</b>           | SEC 5-T5N-R66W                | <b>TVD Reference:</b>               | GL 4770+KB 20 @ 4790.00ft  |
| <b>Reference Site:</b>    | Boomerang 21-5                | <b>MD Reference:</b>                | GL 4770+KB 20 @ 4790.00ft  |
| <b>Site Error:</b>        | 3.28 ft                       | <b>North Reference:</b>             | True                       |
| <b>Reference Well:</b>    | Boomerang 32N-6B-M            | <b>Survey Calculation Method:</b>   | Minimum Curvature          |
| <b>Well Error:</b>        | 3.28 ft                       | <b>Output errors are at</b>         | 2.45 sigma                 |
| <b>Reference Wellbore</b> | OH                            | <b>Database:</b>                    | EDM 5000.14 Single User Db |
| <b>Reference Design:</b>  | Plan #1                       | <b>Offset TVD Reference:</b>        | Offset Datum               |

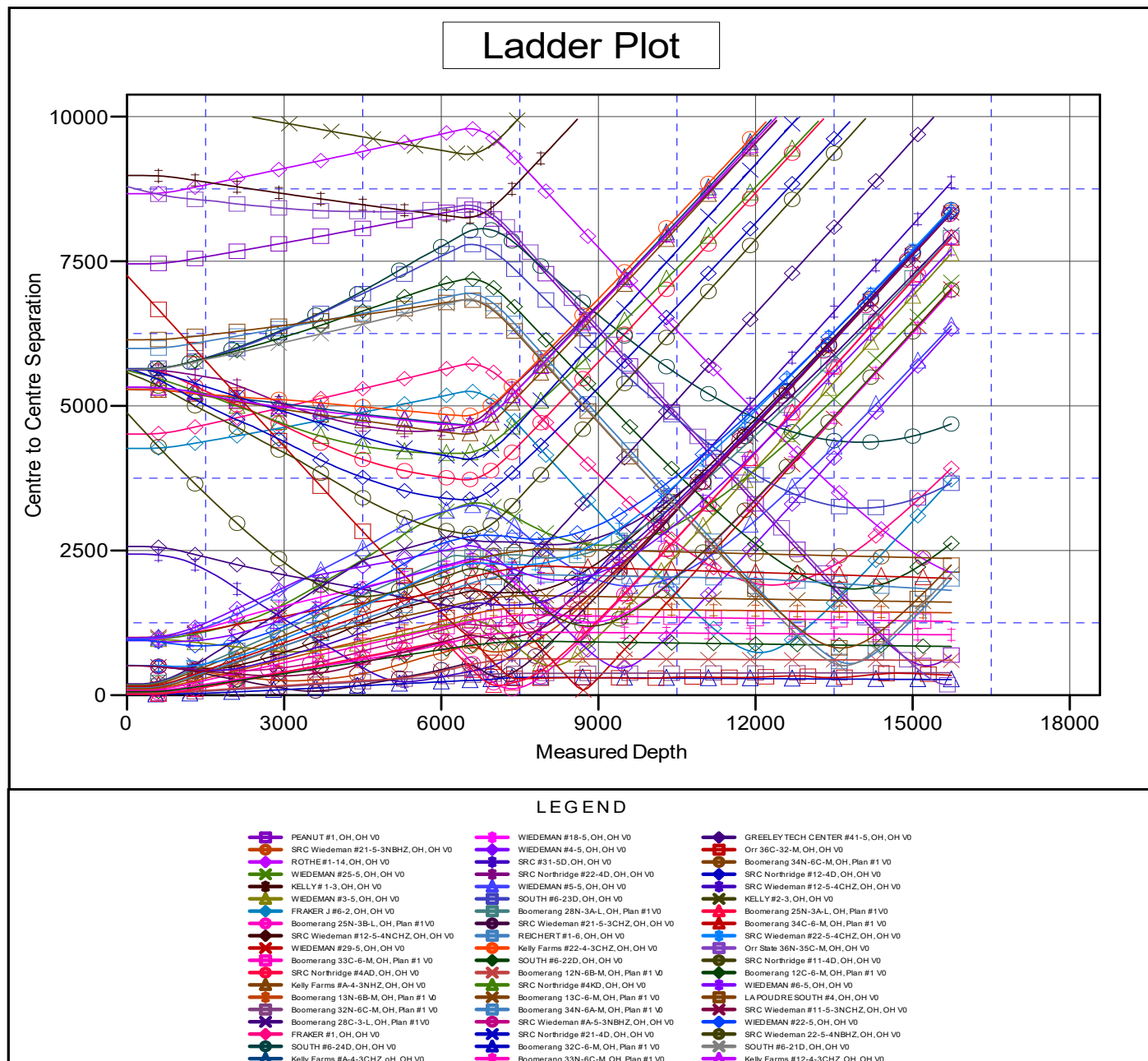
| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.00 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 16-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 3.28 ft |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 13,900.00              | 6,886.76            | 7,408.00            | 7,128.73            | 200.56          | 38.31       | -96.57                | -770.49                           | -410.75    | 5,950.88             | 5,842.00              | 108.87                  | 54.658            |                    |         |
| 14,000.00              | 6,885.84            | 7,408.00            | 7,128.73            | 203.35          | 38.31       | -96.57                | -770.49                           | -410.75    | 6,045.21             | 5,936.36              | 108.85                  | 55.537            |                    |         |
| 14,100.00              | 6,884.93            | 7,408.00            | 7,128.73            | 206.15          | 38.31       | -96.57                | -770.49                           | -410.75    | 6,139.71             | 6,030.89              | 108.83                  | 56.417            |                    |         |
| 14,200.00              | 6,884.02            | 7,408.00            | 7,128.73            | 208.95          | 38.31       | -96.57                | -770.49                           | -410.75    | 6,234.39             | 6,125.59              | 108.80                  | 57.299            |                    |         |
| 14,300.00              | 6,883.11            | 7,408.00            | 7,128.73            | 211.75          | 38.31       | -96.57                | -770.49                           | -410.75    | 6,329.24             | 6,220.46              | 108.78                  | 58.183            |                    |         |
| 14,400.00              | 6,882.20            | 7,408.00            | 7,128.73            | 214.55          | 38.31       | -96.57                | -770.49                           | -410.75    | 6,424.24             | 6,315.48              | 108.76                  | 59.068            |                    |         |
| 14,500.00              | 6,881.29            | 7,408.00            | 7,128.73            | 217.35          | 38.31       | -96.57                | -770.49                           | -410.75    | 6,519.39             | 6,410.65              | 108.74                  | 59.954            |                    |         |
| 14,600.00              | 6,880.37            | 7,408.00            | 7,128.73            | 220.15          | 38.31       | -96.57                | -770.49                           | -410.75    | 6,614.68             | 6,505.96              | 108.72                  | 60.841            |                    |         |
| 14,700.00              | 6,879.46            | 7,408.00            | 7,128.73            | 222.95          | 38.31       | -96.57                | -770.49                           | -410.75    | 6,710.11             | 6,601.41              | 108.70                  | 61.730            |                    |         |
| 14,800.00              | 6,878.55            | 7,408.00            | 7,128.73            | 225.76          | 38.31       | -96.57                | -770.49                           | -410.75    | 6,805.67             | 6,696.99              | 108.68                  | 62.619            |                    |         |
| 14,900.00              | 6,877.64            | 7,408.00            | 7,128.73            | 228.56          | 38.31       | -96.57                | -770.49                           | -410.75    | 6,901.36             | 6,792.69              | 108.67                  | 63.510            |                    |         |
| 15,000.00              | 6,876.73            | 7,408.00            | 7,128.73            | 231.37          | 38.31       | -96.57                | -770.49                           | -410.75    | 6,997.16             | 6,888.51              | 108.65                  | 64.401            |                    |         |
| 15,100.00              | 6,875.82            | 7,408.00            | 7,128.73            | 234.18          | 38.31       | -96.57                | -770.49                           | -410.75    | 7,093.09             | 6,984.45              | 108.63                  | 65.293            |                    |         |
| 15,200.00              | 6,874.90            | 7,408.00            | 7,128.73            | 236.98          | 38.31       | -96.57                | -770.49                           | -410.75    | 7,189.12             | 7,080.50              | 108.62                  | 66.186            |                    |         |
| 15,300.00              | 6,873.99            | 7,408.00            | 7,128.73            | 239.79          | 38.31       | -96.57                | -770.49                           | -410.75    | 7,285.26             | 7,176.65              | 108.61                  | 67.079            |                    |         |
| 15,400.00              | 6,873.08            | 7,408.00            | 7,128.73            | 242.60          | 38.31       | -96.57                | -770.49                           | -410.75    | 7,381.50             | 7,272.91              | 108.59                  | 67.973            |                    |         |
| 15,500.00              | 6,872.17            | 7,408.00            | 7,128.73            | 245.41          | 38.31       | -96.57                | -770.49                           | -410.75    | 7,477.85             | 7,369.26              | 108.58                  | 68.867            |                    |         |
| 15,600.00              | 6,871.26            | 7,408.00            | 7,128.73            | 248.22          | 38.31       | -96.57                | -770.49                           | -410.75    | 7,574.28             | 7,465.71              | 108.57                  | 69.762            |                    |         |
| 15,700.00              | 6,870.35            | 7,408.00            | 7,128.73            | 251.03          | 38.31       | -96.57                | -770.49                           | -410.75    | 7,670.81             | 7,562.25              | 108.56                  | 70.657            |                    |         |
| 15,737.91              | 6,870.00            | 7,408.00            | 7,128.73            | 252.10          | 38.31       | -96.57                | -770.49                           | -410.75    | 7,707.42             | 7,598.86              | 108.56                  | 70.996            |                    |         |
| 15,738.53              | 6,869.99            | 7,408.00            | 7,128.73            | 252.11          | 38.31       | -96.57                | -770.49                           | -410.75    | 7,708.02             | 7,599.46              | 108.56                  | 71.002            |                    |         |

**Company:** Synergy Resources Corporation  
**Project:** SEC 5-T5N-R66W  
**Reference Site:** Boomerang 21-5  
**Site Error:** 3.28 ft  
**Reference Well:** Boomerang 32N-6B-M  
**Well Error:** 3.28 ft  
**Reference Wellbore:** OH  
**Reference Design:** Plan #1

**Local Co-ordinate Reference:** Well Boomerang 32N-6B-M  
**TVD Reference:** GL 4770+KB 20 @ 4790.00ft  
**MD Reference:** GL 4770+KB 20 @ 4790.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.45 sigma  
**Database:** EDM 5000.14 Single User Db  
**Offset TVD Reference:** Offset Datum

Reference Depths are relative to GL 4770+KB 20 @ 4790.00ft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is -105.5000000

Coordinates are relative to: Boomerang 32N-6B-M  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.45°





**Company:** Synergy Resources Corporation  
**Project:** SEC 5-T5N-R66W  
**Reference Site:** Boomerang 21-5  
**Site Error:** 3.28 ft  
**Reference Well:** Boomerang 32N-6B-M  
**Well Error:** 3.28 ft  
**Reference Wellbore:** OH  
**Reference Design:** Plan #1

**Local Co-ordinate Reference:** Well Boomerang 32N-6B-M  
**TVD Reference:** GL 4770+KB 20 @ 4790.00ft  
**MD Reference:** GL 4770+KB 20 @ 4790.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.45 sigma  
**Database:** EDM 5000.14 Single User Db  
**Offset TVD Reference:** Offset Datum

Reference Depths are relative to GL 4770+KB 20 @ 4790.00ft

Offset Depths are relative to Offset Datum

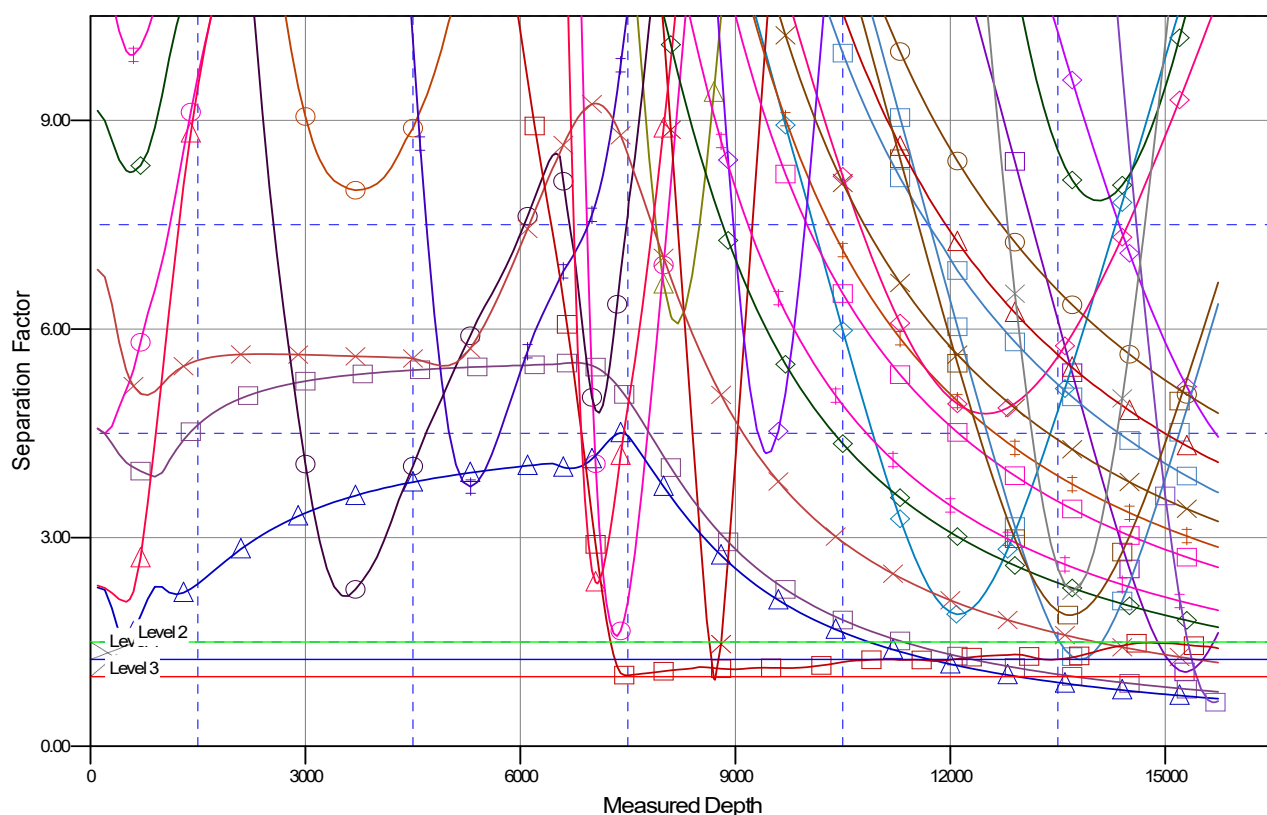
Central Meridian is -105.5000000

Coordinates are relative to: Boomerang 32N-6B-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°

## Separation Factor Plot



### LEGEND

- |                                     |                                    |                                      |
|-------------------------------------|------------------------------------|--------------------------------------|
| PEANUT #1, OH, OH V0                | WIEDEMAN #18-5, OH, OH V0          | GREELEY TECH CENTER #41-5, OH, OH V0 |
| SRC Wiedeman #21-5-3NBHZ, OH, OH V0 | WIEDEMAN #4-5, OH, OH V0           | Orr 36C-32-M, OH, OH V0              |
| ROTHE #1-14, OH, OH V0              | SRC #31-SD, OH, OH V0              | Boomerang 34N-6C-M, OH, Plan #1 V0   |
| WIEDEMAN #25-5, OH, OH V0           | SRC Northridge #22-4D, OH, OH V0   | SRC Northridge #12-4D, OH, OH V0     |
| KELLY #1-3, OH, OH V0               | WIEDEMAN #5-5, OH, OH V0           | SRC Wiedeman #12-5-4CHZ, OH, OH V0   |
| WIEDEMAN #3-5, OH, OH V0            | SOUTH #6-23D, OH, OH V0            | KELLY #2-3, OH, OH V0                |
| FRAKER J #6-2, OH, OH V0            | Boomerang 28N-3A-L, OH, Plan #1 V0 | Boomerang 25N-3A-L, OH, Plan #1 V0   |
| Boomerang 25N-3B-L, OH, Plan #1 V0  | SRC Wiedeman #21-5-3CHZ, OH, OH V0 | Boomerang 34C-6-M, OH, Plan #1 V0    |
| SRC Wiedeman #12-5-4NCHZ, OH, OH V0 | REICHERT #1-6, OH, OH V0           | SRC Wiedeman #22-5-4CHZ, OH, OH V0   |
| WIEDEMAN #29-5, OH, OH V0           | Kelly Farms #22-4-3CHZ, OH, OH V0  | Orr State 36N-35C-M, OH, OH V0       |
| Boomerang 33C-6-M, OH, Plan #1 V0   | SOUTH #6-22D, OH, OH V0            | SRC Northridge #11-4D, OH, OH V0     |
| SRC Northridge #4AD, OH, OH V0      | Boomerang 12N-6B-M, OH, Plan #1 V0 | Boomerang 12C-6-M, OH, Plan #1 V0    |
| Kelly Farms #A-4-3NHZ, OH, OH V0    | SRC Northridge #4KD, OH, OH V0     | WIEDEMAN #6-5, OH, OH V0             |
| Boomerang 13N-6B-M, OH, Plan #1 V0  | Boomerang 13C-6-M, OH, Plan #1 V0  | LAPOUDRE SOUTH #4, OH, OH V0         |
| Boomerang 32N-6C-M, OH, Plan #1 V0  | Boomerang 34N-6A-M, OH, Plan #1 V0 | SRC Wiedeman #11-5-3NCHZ, OH, OH V0  |
| Boomerang 28C-3-L, OH, Plan #1 V0   | SRC Wiedeman #A-5-3NBHZ, OH, OH V0 | WIEDEMAN #22-5, OH, OH V0            |
| FRAKER #1, OH, OH V0                | SRC Northridge #21-4D, OH, OH V0   | SRC Wiedeman 22-5-4NBHZ, OH, OH V0   |
| SOUTH #6-24D, OH, OH V0             | Boomerang 32C-6-M, OH, Plan #1 V0  | SOUTH #6-21D, OH, OH V0              |
| Kelly Farms #A-4-3CHZ, OH, OH V0    | Boomerang 33N-6C-M, OH, Plan #1 V0 | Kelly Farms #12-4-3CHZ, OH, OH V0    |