



# **Crestone Peak Resources**

**Sec 19 T2N-R68W**

**Regnier Farms Pad**

**REGNIER FARMS 1J-19H-B268**

**Wellbore #1**

**Design #1 22Mar18 kjs**

## **Anticollision Summary Report**

**06 April, 2018**

|                           |                           |                                     |   |
|---------------------------|---------------------------|-------------------------------------|---|
| <b>Company:</b>           | Crestone Peak Resources   | <b>Local Co-ordinate Reference:</b> | Well REGNIER FARMS 1J-19H-B268          |
| <b>Project:</b>           | Sec 19 T2N-R68W           | <b>TVD Reference:</b>               | WELL @ 4988.00usft (Original Well Elev) |
| <b>Reference Site:</b>    | Regnier Farms Pad         | <b>MD Reference:</b>                | WELL @ 4988.00usft (Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft                 | <b>North Reference:</b>             | True                                    |
| <b>Reference Well:</b>    | REGNIER FARMS 1J-19H-B268 | <b>Survey Calculation Method:</b>   | Minimum Curvature                       |
| <b>Well Error:</b>        | 0.00 usft                 | <b>Output errors are at</b>         | 2.00 sigma                              |
| <b>Reference Wellbore</b> | Wellbore #1               | <b>Database:</b>                    | EDM 5000.14 Single User Db              |
| <b>Reference Design:</b>  | Design #1 22Mar18 kjs     | <b>Offset TVD Reference:</b>        | Offset Datum                            |

|                                     |   |                       |                     |
|-------------------------------------|---|-----------------------|---------------------|
| <b>Reference</b>                    | Design #1 22Mar18 kjs   |                       |                     |
| <b>Filter type:</b>                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                       |                     |
| <b>Interpolation Method:</b>        | Stations  | <b>Error Model:</b>   | ISCWSA              |
| <b>Depth Range:</b>                 | Unlimited   | <b>Scan Method:</b>   | Closest Approach 3D |
| <b>Results Limited by:</b>          | Maximum center-center distance of 9,999.98 usft                     | <b>Error Surface:</b> | Pedal Curve         |
| <b>Warning Levels Evaluated at:</b> | 2.00 Sigma  | <b>Casing Method:</b> | Not applied         |

|                            |                  |                                     |                  |                     |
|----------------------------|------------------|-------------------------------------|------------------|---------------------|
| <b>Survey Tool Program</b> | <b>Date</b>      | 4/6/2018                            |                  |                     |
| <b>From (usft)</b>         | <b>To (usft)</b> | <b>Survey (Wellbore)</b>            | <b>Tool Name</b> | <b>Description</b>  |
| 0.00                       | 23,097.39        | Design #1 22Mar18 kjs (Wellbore #1) | MWD              | OWSG MWD - Standard |

| Summary                                      |                                 |                              |                                 |                                  |                   |            |
|--|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|------------|
| Site Name                                    | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning    |
| Existing Wells (Regnier Farms)               |                                 |                              |                                 |                                  |                   |            |
| A C N O 2 - KAUFFMAN - No Surveys            | 16,340.52                       | 4,907.00                     | 3,867.49                        | 3,737.17                         | 29.678            | CC         |
| A C N O 2 - KAUFFMAN - No Surveys            | 16,400.00                       | 4,907.00                     | 3,867.94                        | 3,737.06                         | 29.554            | ES         |
| A C N O 2 - KAUFFMAN - No Surveys            | 16,900.00                       | 4,907.00                     | 3,907.74                        | 3,773.20                         | 29.044            | SF         |
| ANDERSON TRUST C UNIT 2 - CPR - Gyro         | 19,238.01                       | 7,475.31                     | 1,673.07                        | 1,439.42                         | 7.161             | CC         |
| ANDERSON TRUST C UNIT 2 - CPR - Gyro         | 19,300.00                       | 7,474.22                     | 1,674.22                        | 1,438.93                         | 7.116             | ES         |
| ANDERSON TRUST C UNIT 2 - CPR - Gyro         | 19,400.00                       | 7,472.48                     | 1,680.89                        | 1,443.56                         | 7.083             | SF         |
| ANSELM 1 - PETERSON - No Surveys             | 21,679.61                       | 4,970.00                     | 3,856.05                        | 3,647.02                         | 18.447            | CC         |
| ANSELM 1 - PETERSON - No Surveys             | 21,700.00                       | 4,970.00                     | 3,856.11                        | 3,646.87                         | 18.430            | ES         |
| ANSELM 1 - PETERSON - No Surveys             | 22,000.00                       | 4,970.00                     | 3,869.34                        | 3,657.78                         | 18.289            | SF         |
| ARMSTEAD GAS UNIT 4-31 - EXTRACTION - Gyro   | 22,710.97                       | 7,510.93                     | 2,909.68                        | 2,614.86                         | 9.869             | CC, ES     |
| ARMSTEAD GAS UNIT 4-31 - EXTRACTION - Gyro   | 22,900.00                       | 7,507.89                     | 2,915.81                        | 2,619.44                         | 9.838             | SF         |
| ARMSTEAD GU 5-31 - NOBLE ENERGY - No Surveys | 19,588.42                       | 7,479.00                     | 3,021.67                        | 2,794.52                         | 13.302            | CC         |
| ARMSTEAD GU 5-31 - NOBLE ENERGY - No Surveys | 19,600.00                       | 7,479.00                     | 3,021.69                        | 2,794.41                         | 13.295            | ES         |
| ARMSTEAD GU 5-31 - NOBLE ENERGY - No Surveys | 19,800.00                       | 7,479.00                     | 3,029.07                        | 2,800.01                         | 13.224            | SF         |
| BALLANTINE 3-30 - KMG - Gyro                 | 13,788.76                       | 7,534.97                     | 3,206.24                        | 3,067.28                         | 23.073            | CC         |
| BALLANTINE 3-30 - KMG - Gyro                 | 13,800.00                       | 7,534.88                     | 3,206.26                        | 3,067.18                         | 23.052            | ES         |
| BALLANTINE 3-30 - KMG - Gyro                 | 14,300.00                       | 7,530.59                     | 3,246.74                        | 3,103.27                         | 22.629            | SF         |
| BECKY 1 - KAUFFMAN - No Surveys              | 23,097.91                       | 5,010.00                     | 3,958.93                        | 3,736.40                         | 17.791            | CC, ES, SF |
| BROWN C UNIT 2 - CPR - Gyro                  | 23,097.91                       | 7,631.41                     | 1,834.82                        | 1,633.82                         | 9.128             | CC, ES, SF |
| BRYANT 10-30 - KMG - MWD                     | 16,312.91                       | 7,787.81                     | 1,623.15                        | 1,438.73                         | 8.802             | CC, ES, SF |
| BRYANT 16-30 - KMG - MWD                     | 17,561.63                       | 7,566.00                     | 316.74                          | 111.23                           | 1.541             | CC, ES, SF |
| BRYANT 20-30 - KMG - MWD                     | 16,909.90                       | 7,635.32                     | 954.98                          | 755.98                           | 4.799             | CC, ES, SF |
| BRYANT 23-30 - KMG - MWD                     | 17,048.25                       | 7,671.99                     | 2,136.69                        | 1,935.50                         | 10.620            | CC, ES     |
| BRYANT 23-30 - KMG - MWD                     | 17,100.00                       | 7,671.91                     | 2,137.32                        | 1,935.93                         | 10.613            | SF         |
| BRYANT 24-30 - KMG - MWD                     | 15,500.00                       | 7,603.75                     | 817.27                          | 642.89                           | 4.687             | SF         |
| BRYANT 24-30 - KMG - MWD                     | 15,536.66                       | 7,603.70                     | 816.45                          | 642.37                           | 4.690             | CC, ES     |
| BRYANT 33-29 - KMG - MWD                     | 16,886.76                       | 7,771.96                     | 442.38                          | 242.09                           | 2.209             | CC         |
| BRYANT 33-29 - KMG - MWD                     | 16,900.00                       | 7,771.80                     | 442.58                          | 241.93                           | 2.206             | ES, SF     |
| BRYANT 34-30 - KMG - No Surveys              | 17,838.59                       | 4,906.00                     | 3,082.49                        | 2,955.37                         | 24.247            | CC, ES     |
| BRYANT 34-30 - KMG - No Surveys              | 18,100.00                       | 4,906.00                     | 3,093.56                        | 2,964.96                         | 24.056            | SF         |
| BRYANT 36-30 - KMG - No Surveys              | 18,285.21                       | 7,669.41                     | 2,339.02                        | 2,119.52                         | 10.656            | CC         |
| BRYANT 36-30 - KMG - No Surveys              | 18,300.00                       | 7,669.12                     | 2,339.07                        | 2,119.40                         | 10.648            | ES         |
| BRYANT 36-30 - KMG - No Surveys              | 18,400.00                       | 7,667.20                     | 2,341.84                        | 2,121.22                         | 10.615            | SF         |
| BRYANT 8-30 - KMG - MWD                      | 14,860.77                       | 7,768.77                     | 435.82                          | 266.85                           | 2.579             | CC, ES, SF |
| BRYANT FEDERAL 37-30 - KMG - MWD             | 18,200.00                       | 7,515.62                     | 883.94                          | 667.62                           | 4.086             | SF         |
| BRYANT FEDERAL 37-30 - KMG - MWD             | 18,208.46                       | 7,514.87                     | 883.90                          | 667.60                           | 4.087             | CC, ES     |
| BULTHAUP 1-6 - KMG - Gyro                    | 23,097.91                       | 7,583.85                     | 1,231.29                        | 1,127.11                         | 11.819            | CC, ES, SF |

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

|                           |                           |                                     |   |
|---------------------------|---------------------------|-------------------------------------|---|
| <b>Company:</b>           | Crestone Peak Resources   | <b>Local Co-ordinate Reference:</b> | Well REGNIER FARMS 1J-19H-B268          |
| <b>Project:</b>           | Sec 19 T2N-R68W           | <b>TVD Reference:</b>               | WELL @ 4988.00usft (Original Well Elev) |
| <b>Reference Site:</b>    | Regnier Farms Pad         | <b>MD Reference:</b>                | WELL @ 4988.00usft (Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft                 | <b>North Reference:</b>             | True                                    |
| <b>Reference Well:</b>    | REGNIER FARMS 1J-19H-B268 | <b>Survey Calculation Method:</b>   | Minimum Curvature                       |
| <b>Well Error:</b>        | 0.00 usft                 | <b>Output errors are at</b>         | 2.00 sigma                              |
| <b>Reference Wellbore</b> | Wellbore #1               | <b>Database:</b>                    | EDM 5000.14 Single User Db              |
| <b>Reference Design:</b>  | Design #1 22Mar18 kjs     | <b>Offset TVD Reference:</b>        | Offset Datum                            |

| Summary                                      |                                 |                              |                                 |                                  |                   |                     |
|--|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|---------------------|
| Site Name                                    | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning             |
| Offset Well - Wellbore - Design              |                                 |                              |                                 |                                  |                   |                     |
| Existing Wells (Regnier Farms)               |                                 |                              |                                 |                                  |                   |                     |
| BULTHAUP 17-6 - KMG - MWD                    | 23,097.91                       | 7,644.94                     | 2,029.22                        | 1,843.22                         | 10.910            | CC, ES, SF          |
| BULTHAUP 21-6 - KMG - MWD                    | 23,097.91                       | 7,631.42                     | 2,823.01                        | 2,566.90                         | 11.023            | CC, ES, SF          |
| BULTHAUP 27-6 - KMG - MWD                    | 23,097.91                       | 7,634.31                     | 1,102.64                        | 819.78                           | 3.898             | CC, ES, SF          |
| CARLA PETERSON 1 - KAUFFMAN - No Surveys     | 23,097.91                       | 5,010.00                     | 3,227.69                        | 3,044.39                         | 17.609            | CC, ES, SF          |
| CHAMPLIN 86 'N' 1 - KMG - Gyro               | 17,459.38                       | 7,504.95                     | 1,145.03                        | 942.67                           | 5.658             | CC                  |
| CHAMPLIN 86 'N' 1 - KMG - Gyro               | 17,500.00                       | 7,502.14                     | 1,145.74                        | 942.12                           | 5.627             | ES                  |
| CHAMPLIN 86 'N' 1 - KMG - Gyro               | 17,600.00                       | 7,494.12                     | 1,153.58                        | 947.76                           | 5.605             | SF                  |
| CINQUE 1 - FOUNDATION ENERGY - No oSurveys   | 20,311.55                       | 4,907.00                     | 3,017.00                        | 2,865.01                         | 19.849            | CC, ES              |
| CINQUE 1 - FOUNDATION ENERGY - No oSurveys   | 20,500.00                       | 4,907.00                     | 3,022.88                        | 2,869.86                         | 19.754            | SF                  |
| CINQUE 2 - FOUNDATION ENERGY - No Surveys    | 18,961.73                       | 4,911.00                     | 3,016.26                        | 2,879.33                         | 22.028            | CC                  |
| CINQUE 2 - FOUNDATION ENERGY - No Surveys    | 19,000.00                       | 4,911.00                     | 3,016.50                        | 2,879.32                         | 21.989            | ES                  |
| CINQUE 2 - FOUNDATION ENERGY - No Surveys    | 19,200.00                       | 4,911.00                     | 3,025.66                        | 2,887.46                         | 21.894            | SF                  |
| CINQUE 3 - FOUNDATION ENERGY - No Surveys    | 20,353.72                       | 4,905.00                     | 3,912.22                        | 3,723.16                         | 20.692            | CC                  |
| CINQUE 3 - FOUNDATION ENERGY - No Surveys    | 20,400.00                       | 4,905.00                     | 3,912.50                        | 3,722.98                         | 20.645            | ES                  |
| CINQUE 3 - FOUNDATION ENERGY - No Surveys    | 20,800.00                       | 4,905.00                     | 3,937.59                        | 3,745.21                         | 20.467            | SF                  |
| CINQUE 4 - FOUNDATION ENERGY - No Surveys    | 18,927.20                       | 4,975.00                     | 3,872.14                        | 3,701.57                         | 22.702            | CC                  |
| CINQUE 4 - FOUNDATION ENERGY - No Surveys    | 19,000.00                       | 4,975.00                     | 3,872.82                        | 3,701.55                         | 22.612            | ES                  |
| CINQUE 4 - FOUNDATION ENERGY - No Surveys    | 19,400.00                       | 4,975.00                     | 3,900.90                        | 3,726.74                         | 22.399            | SF                  |
| CINQUE 6-31 - FOUNDATION ENERGY - No Surveys | 21,619.78                       | 4,973.00                     | 3,033.47                        | 2,861.03                         | 17.592            | CC, ES              |
| CINQUE 6-31 - FOUNDATION ENERGY - No Surveys | 21,800.00                       | 4,973.00                     | 3,038.82                        | 2,865.38                         | 17.521            | SF                  |
| CINQUE 7-31 - EXTRACTION - No surveys        | 19,926.97                       | 7,480.00                     | 1,132.07                        | 898.97                           | 4.857             | CC, ES, SF          |
| CINQUE 8-31 - EXTRACTION - No Surveys        | 22,874.17                       | 7,493.00                     | 1,609.19                        | 1,324.19                         | 5.646             | CC, ES              |
| CINQUE 8-31 - EXTRACTION - No Surveys        | 22,900.00                       | 7,493.00                     | 1,609.40                        | 1,324.28                         | 5.645             | SF                  |
| CINQUE 9-31 - EXTRACTION - Gyro              | 21,861.28                       | 7,502.67                     | 941.90                          | 662.06                           | 3.366             | CC, ES, SF          |
| FILE FED 3I-32H-K268 - CPR - MWD             | 14,460.55                       | 15,443.53                    | 498.22                          | 238.70                           | 1.920             | CC                  |
| FILE FED 3I-32H-K268 - CPR - MWD             | 21,800.00                       | 8,106.02                     | 514.49                          | 232.02                           | 1.821             | ES, SF              |
| FILE FED 3J-32H-K268 - CPR - MWD             | 19,241.66                       | 10,394.03                    | 618.79                          | 360.22                           | 2.393             | CC                  |
| FILE FED 3J-32H-K268 - CPR - MWD             | 19,300.00                       | 10,339.79                    | 618.99                          | 360.09                           | 2.391             | ES                  |
| FILE FED 3J-32H-K268 - CPR - MWD             | 21,700.00                       | 7,967.00                     | 651.35                          | 378.65                           | 2.389             | SF                  |
| FILE FED 3K-32H-K268 - CPR - MWD             | 12,623.62                       | 16,678.28                    | 795.85                          | 535.94                           | 3.062             | CC, ES              |
| FILE FED 3K-32H-K268 - CPR - MWD             | 13,300.00                       | 16,030.36                    | 799.08                          | 537.92                           | 3.060             | SF                  |
| FILE FED 3L-32H-K268 - CPR - MWD             | 10,767.44                       | 18,515.00                    | 1,229.41                        | 967.95                           | 4.702             | CC                  |
| FILE FED 3L-32H-K268 - CPR - MWD             | 10,800.00                       | 18,515.00                    | 1,229.84                        | 967.25                           | 4.683             | ES, SF              |
| FILE FED 3M-32H-K268 - CPR - MWD             | 15,022.76                       | 14,791.03                    | 1,386.78                        | 1,124.60                         | 5.290             | CC                  |
| FILE FED 3M-32H-K268 - CPR - MWD             | 15,100.00                       | 14,728.51                    | 1,387.21                        | 1,124.52                         | 5.281             | ES                  |
| FILE FED 3M-32H-K268 - CPR - MWD             | 22,300.00                       | 7,594.90                     | 1,495.12                        | 1,205.43                         | 5.161             | SF                  |
| FILE FED 3N-32H-K268 - CPR - MWD             | 15,158.47                       | 14,458.93                    | 1,449.48                        | 1,187.34                         | 5.529             | CC                  |
| FILE FED 3N-32H-K268 - CPR - MWD             | 15,200.00                       | 14,430.62                    | 1,449.71                        | 1,187.12                         | 5.521             | ES                  |
| FILE FED 3N-32H-K268 - CPR - MWD             | 15,300.00                       | 14,363.35                    | 1,451.83                        | 1,188.22                         | 5.507             | SF                  |
| GLADYS-SAWDEY 1 - KMG - Gyro                 | 14,369.77                       | 7,603.36                     | 3,674.70                        | 3,525.35                         | 24.604            | CC                  |
| GLADYS-SAWDEY 1 - KMG - Gyro                 | 14,400.00                       | 7,601.13                     | 3,674.83                        | 3,525.12                         | 24.546            | ES                  |
| GLADYS-SAWDEY 1 - KMG - Gyro                 | 15,000.00                       | 7,568.39                     | 3,728.22                        | 3,573.02                         | 24.023            | SF                  |
| HANKINS 1 - KAUFFMAN - No Surveys            | 12,450.35                       | 4,920.00                     | 2,602.33                        | 2,552.89                         | 52.635            | CC, ES              |
| HANKINS 1 - KAUFFMAN - No Surveys            | 13,200.00                       | 4,920.00                     | 2,708.16                        | 2,653.83                         | 49.843            | SF                  |
| HSR-BRYANT 9-30A - KMG - Gyro                | 16,373.82                       | 7,471.31                     | 255.67                          | 72.14                            | 1.393             | Level 3, CC, ES, SF |
| JACK HEIN UNIT 1 - HS RESOURCES - No Surveys | 21,612.23                       | 5,085.00                     | 2,411.88                        | 2,290.85                         | 19.928            | CC, ES              |
| JACK HEIN UNIT 1 - HS RESOURCES - No Surveys | 21,800.00                       | 5,085.00                     | 2,419.18                        | 2,296.96                         | 19.794            | SF                  |
| JOHN LAMAR 1 - KAUFFMAN - No Surveys         | 13,587.61                       | 4,930.00                     | 2,564.94                        | 2,506.54                         | 43.918            | CC                  |
| JOHN LAMAR 1 - KAUFFMAN - No Surveys         | 13,600.00                       | 4,930.00                     | 2,564.97                        | 2,506.48                         | 43.853            | ES                  |
| JOHN LAMAR 1 - KAUFFMAN - No Surveys         | 14,100.00                       | 4,930.00                     | 2,615.62                        | 2,554.10                         | 42.515            | SF                  |
| JOHNSON 32-30 - KAUFFMAN - No Surveys        | 15,142.14                       | 4,895.00                     | 3,000.79                        | 2,909.67                         | 32.934            | CC, ES              |
| JOHNSON 32-30 - KAUFFMAN - No Surveys        | 15,500.00                       | 4,895.00                     | 3,022.05                        | 2,929.05                         | 32.495            | SF                  |
| JOHNSON 7-30A - KMG - Gyro                   | 15,093.89                       | 7,519.67                     | 1,644.81                        | 1,483.41                         | 10.191            | CC                  |

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

|                           |                           |                                     |   |
|---------------------------|---------------------------|-------------------------------------|---|
| <b>Company:</b>           | Crestone Peak Resources   | <b>Local Co-ordinate Reference:</b> | Well REGNIER FARMS 1J-19H-B268          |
| <b>Project:</b>           | Sec 19 T2N-R68W           | <b>TVD Reference:</b>               | WELL @ 4988.00usft (Original Well Elev) |
| <b>Reference Site:</b>    | Regnier Farms Pad         | <b>MD Reference:</b>                | WELL @ 4988.00usft (Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft                 | <b>North Reference:</b>             | True                                    |
| <b>Reference Well:</b>    | REGNIER FARMS 1J-19H-B268 | <b>Survey Calculation Method:</b>   | Minimum Curvature                       |
| <b>Well Error:</b>        | 0.00 usft                 | <b>Output errors are at</b>         | 2.00 sigma                              |
| <b>Reference Wellbore</b> | Wellbore #1               | <b>Database:</b>                    | EDM 5000.14 Single User Db              |
| <b>Reference Design:</b>  | Design #1 22Mar18 kjs     | <b>Offset TVD Reference:</b>        | Offset Datum                            |

| Summary                             |                                 |                              |                                 |                                  |                   |            |
|-------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|------------|
| Site Name                           | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning    |
| Offset Well - Wellbore - Design     |                                 |                              |                                 |                                  |                   |            |
| Existing Wells (Regnier Farms)      |                                 |                              |                                 |                                  |                   |            |
| JOHNSON 7-30A - KMG - Gyro          | 15,100.00                       | 7,519.57                     | 1,644.82                        | 1,483.39                         | 10.189            | ES         |
| JOHNSON 7-30A - KMG - Gyro          | 15,200.00                       | 7,517.94                     | 1,648.23                        | 1,486.44                         | 10.188            | SF         |
| KENYON 34-19 - CPR - MWD            | 12,413.63                       | 7,690.17                     | 1,616.49                        | 1,498.99                         | 13.758            | CC, ES     |
| KENYON 34-19 - CPR - MWD            | 12,500.00                       | 7,689.67                     | 1,618.79                        | 1,500.67                         | 13.704            | SF         |
| KENYON 4-8-19 - CPR - MWD           | 12,916.22                       | 7,823.61                     | 2,010.67                        | 1,880.62                         | 15.461            | CC, ES     |
| KENYON 4-8-19 - CPR - MWD           | 13,200.00                       | 7,823.16                     | 2,030.60                        | 1,897.55                         | 15.262            | SF         |
| KENYON 8-4-19 - CPR - MWD           | 10,382.29                       | 7,920.42                     | 225.10                          | 129.84                           | 2.363             | CC, ES     |
| KENYON 8-4-19 - CPR - MWD           | 10,400.00                       | 7,920.58                     | 225.79                          | 129.99                           | 2.357             | SF         |
| KENYON 8-6-19 - CPR - MWD           | 11,663.83                       | 7,651.87                     | 266.61                          | 161.79                           | 2.543             | CC, ES     |
| KENYON 8-6-19 - CPR - MWD           | 11,700.00                       | 7,652.81                     | 269.05                          | 162.30                           | 2.520             | SF         |
| KENYON 8-8-19 - CPR - MWD           | 12,878.07                       | 7,731.22                     | 279.60                          | 151.02                           | 2.175             | CC         |
| KENYON 8-8-19 - CPR - MWD           | 12,900.00                       | 7,730.96                     | 280.45                          | 149.81                           | 2.147             | ES, SF     |
| KOCH 41-6 - KAUFFMAN - No Surveys   | 23,097.91                       | 5,037.00                     | 2,772.02                        | 2,646.41                         | 22.068            | CC, ES, SF |
| NELSON 1-A - TEXAS TEA - No Surveys | 20,014.09                       | 5,011.00                     | 2,681.20                        | 2,544.03                         | 19.546            | CC, ES     |
| NELSON 1-A - TEXAS TEA - No Surveys | 20,400.00                       | 5,011.00                     | 2,708.83                        | 2,567.06                         | 19.107            | SF         |
| NELSON 2 - TEXAS TEA - No Surveys   | 21,824.46                       | 4,918.00                     | 2,777.98                        | 2,623.78                         | 18.016            | CC         |
| NELSON 2 - TEXAS TEA - No Surveys   | 21,900.00                       | 4,918.00                     | 2,779.01                        | 2,623.73                         | 17.897            | ES         |
| NELSON 2 - TEXAS TEA - No Surveys   | 22,200.00                       | 4,918.00                     | 2,803.25                        | 2,644.70                         | 17.681            | SF         |
| NELSON 5 - TEXAS TEA - No Surveys   | 22,532.98                       | 5,035.00                     | 2,677.81                        | 2,514.15                         | 16.363            | CC         |
| NELSON 5 - TEXAS TEA - No Surveys   | 22,600.00                       | 5,035.00                     | 2,678.65                        | 2,514.01                         | 16.270            | ES         |
| NELSON 5 - TEXAS TEA - No Surveys   | 22,900.00                       | 5,035.00                     | 2,702.84                        | 2,534.92                         | 16.096            | SF         |
| NELSON-E UNIT 1 - CPR - Gyro        | 22,309.82                       | 7,515.47                     | 1,425.30                        | 1,137.57                         | 4.954             | CC, ES     |
| NELSON-E UNIT 1 - CPR - Gyro        | 22,400.00                       | 7,514.81                     | 1,428.15                        | 1,138.17                         | 4.925             | SF         |
| NOAA FEDERAL 11-32 - CPR - Gyro     | 18,953.17                       | 7,417.46                     | 933.22                          | 704.80                           | 4.086             | CC         |
| NOAA FEDERAL 11-32 - CPR - Gyro     | 19,000.00                       | 7,417.64                     | 934.39                          | 704.48                           | 4.064             | ES, SF     |
| RASMUSSEN 19-11 - CPR - Gyro        | 10,990.81                       | 7,569.60                     | 2,879.12                        | 2,786.69                         | 31.150            | CC         |
| RASMUSSEN 19-11 - CPR - Gyro        | 11,000.00                       | 7,569.35                     | 2,879.13                        | 2,786.61                         | 31.119            | ES         |
| RASMUSSEN 19-11 - CPR - Gyro        | 11,600.00                       | 7,553.09                     | 2,942.81                        | 2,845.40                         | 30.210            | SF         |
| RASMUSSEN 19-14 - CPR - Gyro        | 12,580.92                       | 7,617.77                     | 2,852.39                        | 2,733.59                         | 24.010            | CC         |
| RASMUSSEN 19-14 - CPR - Gyro        | 12,600.00                       | 7,617.91                     | 2,852.45                        | 2,733.45                         | 23.969            | ES         |
| RASMUSSEN 19-14 - CPR - Gyro        | 13,000.00                       | 7,620.87                     | 2,883.01                        | 2,760.63                         | 23.558            | SF         |
| RASMUSSEN 4-6-19 - CPR - MWD        | 11,566.36                       | 7,797.80                     | 2,481.89                        | 2,376.92                         | 23.644            | CC         |
| RASMUSSEN 4-6-19 - CPR - MWD        | 11,600.00                       | 7,797.66                     | 2,482.12                        | 2,376.76                         | 23.559            | ES         |
| RASMUSSEN 4-6-19 - CPR - MWD        | 12,000.00                       | 7,795.87                     | 2,519.49                        | 2,410.22                         | 23.057            | SF         |
| RASMUSSEN FEDERAL 35-29 - KMG - MWD | 18,170.14                       | 7,541.51                     | 1,660.51                        | 1,443.71                         | 7.659             | CC         |
| RASMUSSEN FEDERAL 35-29 - KMG - MWD | 18,200.00                       | 7,541.77                     | 1,660.78                        | 1,443.22                         | 7.634             | ES         |
| RASMUSSEN FEDERAL 35-29 - KMG - MWD | 18,400.00                       | 7,543.47                     | 1,676.35                        | 1,455.19                         | 7.580             | SF         |
| RAY NELSON 0-4-32 - CPR - MWD       | 20,684.74                       | 7,579.88                     | 417.22                          | 155.66                           | 1.595             | CC         |
| RAY NELSON 0-4-32 - CPR - MWD       | 20,700.00                       | 7,579.93                     | 417.50                          | 155.27                           | 1.592             | ES, SF     |
| RAY NELSON 12-32 - CPR - Gyro       | 20,105.21                       | 7,438.82                     | 951.49                          | 702.84                           | 3.827             | CC, ES     |
| RAY NELSON 12-32 - CPR - Gyro       | 20,200.00                       | 7,438.89                     | 956.20                          | 705.13                           | 3.808             | SF         |
| RAY NELSON 13-32 - CPR - MWD        | 21,408.15                       | 7,667.70                     | 861.54                          | 582.65                           | 3.089             | CC, ES     |
| RAY NELSON 13-32 - CPR - MWD        | 21,500.00                       | 7,666.13                     | 866.42                          | 584.81                           | 3.077             | SF         |
| RAY NELSON 14-32 - CPR - MWD        | 23,020.42                       | 7,569.13                     | 881.48                          | 579.33                           | 2.917             | CC, ES     |
| RAY NELSON 14-32 - CPR - MWD        | 23,097.91                       | 7,568.98                     | 884.88                          | 580.97                           | 2.912             | SF         |
| RAY NELSON 24-32 - CPR - MWD        | 23,036.57                       | 7,675.98                     | 2,232.58                        | 1,931.35                         | 7.411             | CC         |
| RAY NELSON 24-32 - CPR - MWD        | 23,097.91                       | 7,674.95                     | 2,233.43                        | 1,930.59                         | 7.375             | ES, SF     |
| RAY NELSON 2-4-32 - CPR - MWD       | 20,759.66                       | 7,592.05                     | 1,757.67                        | 1,494.35                         | 6.675             | CC         |
| RAY NELSON 2-4-32 - CPR - MWD       | 20,800.00                       | 7,591.41                     | 1,758.13                        | 1,493.63                         | 6.647             | ES         |
| RAY NELSON 2-4-32 - CPR - MWD       | 21,000.00                       | 7,588.24                     | 1,774.02                        | 1,505.49                         | 6.607             | SF         |
| REGNIER 4-4-19 - CPR - MWD          | 10,292.02                       | 7,563.82                     | 2,209.28                        | 2,126.72                         | 26.759            | CC         |
| REGNIER 4-4-19 - CPR - MWD          | 10,300.00                       | 7,563.80                     | 2,209.29                        | 2,126.68                         | 26.743            | ES         |
| REGNIER 4-4-19 - CPR - MWD          | 10,500.00                       | 7,563.30                     | 2,219.05                        | 2,135.40                         | 26.529            | SF         |

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

|                           |                           |                                     |   |
|---------------------------|---------------------------|-------------------------------------|---|
| <b>Company:</b>           | Crestone Peak Resources   | <b>Local Co-ordinate Reference:</b> | Well REGNIER FARMS 1J-19H-B268          |
| <b>Project:</b>           | Sec 19 T2N-R68W           | <b>TVD Reference:</b>               | WELL @ 4988.00usft (Original Well Elev) |
| <b>Reference Site:</b>    | Regnier Farms Pad         | <b>MD Reference:</b>                | WELL @ 4988.00usft (Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft                 | <b>North Reference:</b>             | True                                    |
| <b>Reference Well:</b>    | REGNIER FARMS 1J-19H-B268 | <b>Survey Calculation Method:</b>   | Minimum Curvature                       |
| <b>Well Error:</b>        | 0.00 usft                 | <b>Output errors are at</b>         | 2.00 sigma                              |
| <b>Reference Wellbore</b> | Wellbore #1               | <b>Database:</b>                    | EDM 5000.14 Single User Db              |
| <b>Reference Design:</b>  | Design #1 22Mar18 kjs     | <b>Offset TVD Reference:</b>        | Offset Datum                            |

| Summary                             |                                 |                              |                                 |                                  |                   |            |
|-------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|------------|
| Site Name                           | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning    |
| Offset Well - Wellbore - Design     |                                 |                              |                                 |                                  |                   |            |
| Existing Wells (Regnier Farms)      |                                 |                              |                                 |                                  |                   |            |
| REGNIER FARMS 31-19 - CPR - Gyro    | 0.00                            | 15.18                        | 810.82                          |                                  |                   |            |
| REGNIER FARMS 31-19 - CPR - Gyro    | 8,800.00                        | 7,512.08                     | 2,049.11                        | 1,989.35                         | 34.288            | SF         |
| REGNIER FARMS 32-19 - CPR - Gyro    | 9,538.78                        | 7,517.14                     | 1,716.10                        | 1,645.82                         | 24.420            | CC, ES     |
| REGNIER FARMS 32-19 - CPR - Gyro    | 9,700.00                        | 7,517.29                     | 1,723.65                        | 1,652.57                         | 24.250            | SF         |
| REGNIER FARMS 33-19 - CPR - Gyro    | 10,857.73                       | 7,527.43                     | 1,805.74                        | 1,715.75                         | 20.067            | CC, ES     |
| REGNIER FARMS 33-19 - CPR - Gyro    | 11,000.00                       | 7,527.55                     | 1,811.34                        | 1,720.53                         | 19.948            | SF         |
| REGNIER FARMS 42-19 - CPR - Gyro    | 9,500.00                        | 7,507.83                     | 430.27                          | 360.16                           | 6.137             | ES, SF     |
| REGNIER FARMS 42-19 - CPR - Gyro    | 9,512.72                        | 7,507.87                     | 430.08                          | 360.19                           | 6.153             | CC         |
| REGNIER FARMS 43-19 - CPR - MWD     | 10,900.00                       | 7,765.14                     | 303.53                          | 188.49                           | 2.638             | ES, SF     |
| REGNIER FARMS 43-19 - CPR - MWD     | 10,998.07                       | 7,764.79                     | 287.25                          | 192.32                           | 3.026             | CC         |
| REGNIER FARMS B 2 - CPR - Gyro      | 11,956.06                       | 7,533.65                     | 785.76                          | 677.89                           | 7.284             | CC, ES, SF |
| REGNIER FARMS-B UNIT 1 - CPR - Gyro | 8,582.45                        | 7,500.00                     | 754.12                          | 695.07                           | 12.770            | CC, ES, SF |
| ROSS 21-19 - CPR - Gyro             | 0.00                            | 0.00                         | 1,477.90                        |                                  |                   |            |
| ROSS 21-19 - CPR - Gyro             | 210.00                          | 200.00                       | 1,478.18                        | 1,477.12                         | 1,389.057         | ES         |
| ROSS 21-19 - CPR - Gyro             | 9,200.00                        | 7,576.89                     | 3,103.96                        | 3,041.52                         | 49.712            | SF         |
| ROSS 22-19 - CPR - Gyro             | 0.00                            | 0.00                         | 2,433.63                        |                                  |                   |            |
| ROSS 22-19 - CPR - Gyro             | 10,600.00                       | 7,486.02                     | 3,200.24                        | 3,120.49                         | 40.127            | SF         |
| ROSS 2-4-19 - CPR - MWD             | 361.73                          | 540.35                       | 3,323.31                        | 3,320.45                         | 1,164.352         | CC, ES     |
| ROSS 2-4-19 - CPR - MWD             | 11,200.00                       | 7,680.08                     | 3,588.49                        | 3,496.64                         | 39.071            | SF         |
| ROSS 4-2-19 - CPR - MWD             | 9,084.31                        | 7,867.92                     | 2,349.76                        | 2,280.60                         | 33.974            | CC         |
| ROSS 4-2-19 - CPR - MWD             | 9,100.00                        | 7,867.82                     | 2,349.81                        | 2,280.48                         | 33.890            | ES         |
| ROSS 4-2-19 - CPR - MWD             | 9,900.00                        | 7,861.99                     | 2,487.31                        | 2,409.25                         | 31.864            | SF         |
| SAWDEY 21-30 - KMG - MWD            | 14,373.51                       | 7,701.02                     | 2,207.71                        | 2,056.88                         | 14.637            | CC         |
| SAWDEY 21-30 - KMG - MWD            | 14,400.00                       | 7,700.85                     | 2,207.87                        | 2,056.79                         | 14.614            | ES         |
| SAWDEY 21-30 - KMG - MWD            | 14,600.00                       | 7,699.54                     | 2,219.30                        | 2,066.83                         | 14.556            | SF         |
| SAWDEY 22-30 - KMG - MWD            | 15,596.88                       | 7,681.99                     | 3,582.20                        | 3,406.00                         | 20.331            | CC         |
| SAWDEY 22-30 - KMG - MWD            | 15,600.00                       | 7,681.87                     | 3,582.20                        | 3,405.96                         | 20.326            | ES         |
| SAWDEY 22-30 - KMG - MWD            | 16,100.00                       | 7,663.51                     | 3,617.31                        | 3,436.23                         | 19.976            | SF         |
| SAWDEY 31-30 - KMG - MWD            | 14,378.25                       | 7,714.87                     | 4,785.24                        | 4,634.01                         | 31.642            | CC         |
| SAWDEY 31-30 - KMG - MWD            | 14,400.00                       | 7,714.62                     | 4,785.29                        | 4,633.77                         | 31.583            | ES         |
| SAWDEY 31-30 - KMG - MWD            | 15,500.00                       | 7,702.02                     | 4,914.94                        | 4,751.90                         | 30.145            | SF         |
| SAWDEY 32-30 - KMG - MWD            | 15,823.36                       | 7,793.42                     | 4,772.15                        | 4,587.86                         | 25.895            | CC         |
| SAWDEY 32-30 - KMG - MWD            | 15,900.00                       | 7,793.94                     | 4,772.76                        | 4,587.23                         | 25.725            | ES         |
| SAWDEY 32-30 - KMG - MWD            | 16,900.00                       | 7,800.66                     | 4,892.08                        | 4,694.15                         | 24.715            | SF         |
| SAWDEY 5-30 - KMG - MWD             | 15,180.25                       | 7,635.61                     | 4,355.59                        | 4,189.05                         | 26.155            | CC         |
| SAWDEY 5-30 - KMG - MWD             | 15,200.00                       | 7,634.82                     | 4,355.63                        | 4,188.82                         | 26.111            | ES         |
| SAWDEY 5-30 - KMG - MWD             | 16,100.00                       | 7,595.57                     | 4,451.48                        | 4,274.81                         | 25.196            | SF         |
| SAWDEY 6-30 - KMG - MWD             | 15,060.65                       | 7,612.35                     | 2,810.73                        | 2,648.03                         | 17.275            | CC         |
| SAWDEY 6-30 - KMG - MWD             | 15,100.00                       | 7,612.21                     | 2,811.01                        | 2,647.93                         | 17.237            | ES         |
| SAWDEY 6-30 - KMG - MWD             | 15,300.00                       | 7,611.49                     | 2,820.90                        | 2,656.30                         | 17.137            | SF         |
| SAWDEY UNIT 2 - KMG - Gyro          | 14,042.59                       | 7,535.93                     | 1,294.39                        | 1,151.13                         | 9.036             | CC, ES, SF |
| SHAW 12-29A - KMG - Gyro            | 14,960.15                       | 7,457.53                     | 1,127.27                        | 968.35                           | 7.093             | CC         |
| SHAW 12-29A - KMG - Gyro            | 15,000.00                       | 7,457.03                     | 1,127.97                        | 967.80                           | 7.042             | ES         |
| SHAW 12-29A - KMG - Gyro            | 15,100.00                       | 7,455.79                     | 1,135.91                        | 973.30                           | 6.986             | SF         |
| TEGELER 11-30 - KMG - Gyro          | 16,306.02                       | 7,510.52                     | 2,874.38                        | 2,691.96                         | 15.757            | CC, ES     |
| TEGELER 11-30 - KMG - Gyro          | 16,600.00                       | 7,511.00                     | 2,889.37                        | 2,704.49                         | 15.628            | SF         |
| WILLIAMS 13-20 - KMG - MWD          | 12,294.43                       | 7,808.51                     | 993.07                          | 868.94                           | 8.000             | CC         |
| WILLIAMS 13-20 - KMG - MWD          | 12,300.00                       | 7,808.43                     | 993.09                          | 868.69                           | 7.983             | ES         |
| WILLIAMS 13-20 - KMG - MWD          | 12,500.00                       | 7,805.73                     | 1,014.12                        | 882.05                           | 7.679             | SF         |
| WILLIAMS 18-16 - CPR - Gyro         | 4,641.59                        | 4,480.79                     | 894.21                          | 856.84                           | 23.930            | CC         |
| WILLIAMS 18-16 - CPR - Gyro         | 4,800.00                        | 4,637.31                     | 894.69                          | 855.97                           | 23.110            | ES         |
| WILLIAMS 18-16 - CPR - Gyro         | 6,950.00                        | 6,758.81                     | 1,000.07                        | 944.38                           | 17.958            | SF         |
| WILLIAMS 24-18 - CPR - Gyro         | 0.00                            | 0.00                         | 1,657.53                        |                                  |                   |            |

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

|                           |                           |                                     |   |
|---------------------------|---------------------------|-------------------------------------|---|
| <b>Company:</b>           | Crestone Peak Resources   | <b>Local Co-ordinate Reference:</b> | Well REGNIER FARMS 1J-19H-B268          |
| <b>Project:</b>           | Sec 19 T2N-R68W           | <b>TVD Reference:</b>               | WELL @ 4988.00usft (Original Well Elev) |
| <b>Reference Site:</b>    | Regnier Farms Pad         | <b>MD Reference:</b>                | WELL @ 4988.00usft (Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft                 | <b>North Reference:</b>             | True                                    |
| <b>Reference Well:</b>    | REGNIER FARMS 1J-19H-B268 | <b>Survey Calculation Method:</b>   | Minimum Curvature                       |
| <b>Well Error:</b>        | 0.00 usft                 | <b>Output errors are at</b>         | 2.00 sigma                              |
| <b>Reference Wellbore</b> | Wellbore #1               | <b>Database:</b>                    | EDM 5000.14 Single User Db              |
| <b>Reference Design:</b>  | Design #1 22Mar18 kjs     | <b>Offset TVD Reference:</b>        | Offset Datum                            |

| Summary  |                                 |                              |                                 |                                  |                   |                 |
|--|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|-----------------|
| Site Name  | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning         |
| Offset Well - Wellbore - Design                    |                                 |                              |                                 |                                  |                   |                 |
| Existing Wells (Regnier Farms)                     |                                 |                              |                                 |                                  |                   |                 |
| WILLIAMS 24-18 - CPR - Gyro                        | 7,400.00                        | 7,274.81                     | 3,016.30                        | 2,962.84                         | 56.427            | SF              |
| WILLIAMS 34-18 - CPR - MWD                         | 4,564.38                        | 4,705.29                     | 1,248.68                        | 1,208.90                         | 31.390            | CC              |
| WILLIAMS 34-18 - CPR - MWD                         | 4,800.00                        | 4,934.08                     | 1,250.03                        | 1,208.02                         | 29.755            | ES              |
| WILLIAMS 34-18 - CPR - MWD                         | 6,400.00                        | 6,392.68                     | 1,398.12                        | 1,343.41                         | 25.555            | SF              |
| WILLIAMS 35-20 - KMG - MWD                         | 12,888.35                       | 7,609.47                     | 1,660.57                        | 1,533.75                         | 13.094            | CC              |
| WILLIAMS 35-20 - KMG - MWD                         | 12,900.00                       | 7,609.49                     | 1,660.61                        | 1,533.44                         | 13.059            | ES              |
| WILLIAMS 35-20 - KMG - MWD                         | 13,300.00                       | 7,610.29                     | 1,710.83                        | 1,574.58                         | 12.557            | SF              |
| WILLIAMS 4-29 - KMG - MWD                          | 13,616.07                       | 7,650.73                     | 1,013.28                        | 876.04                           | 7.383             | CC, ES          |
| WILLIAMS 4-29 - KMG - MWD                          | 13,800.00                       | 7,650.64                     | 1,029.84                        | 887.60                           | 7.240             | SF              |
| WOOLLEY-BECKY 2E-7H-E168 - CPR - MWD               | 23,097.91                       | 14,800.00                    | 3,510.43                        | 3,118.62                         | 8.959             | CC, ES, SF      |
| WOOLLEY-BECKY 2F-7H-E168 - CPR - MWD               | 23,097.91                       | 14,555.00                    | 3,135.92                        | 2,752.02                         | 8.168             | CC, ES, SF      |
| WOOLLEY-BECKY 2G-7H-E168 - CPR - MWD               | 23,097.91                       | 15,260.00                    | 2,849.29                        | 2,464.54                         | 7.406             | CC, ES, SF      |
| WOOLLEY-BECKY 2H-7H-E168 - CPR - MWD               | 23,097.91                       | 15,075.00                    | 2,503.46                        | 2,129.88                         | 6.701             | CC, ES, SF      |
| Regnier Farms Pad                                  |                                 |                              |                                 |                                  |                   |                 |
| REGNIER FARMS 1A-19H-B268 - Wellbore #1 - Design   | 116.33                          | 117.33                       | 90.00                           | 89.60                            | 226.879           | CC              |
| REGNIER FARMS 1A-19H-B268 - Wellbore #1 - Design   | 210.00                          | 210.71                       | 90.02                           | 88.95                            | 84.365            | ES              |
| REGNIER FARMS 1A-19H-B268 - Wellbore #1 - Design   | 23,097.91                       | 22,627.70                    | 2,174.86                        | 1,628.91                         | 3.984             | SF              |
| REGNIER FARMS 1B-19H-B268 - Wellbore #1 - Design   | 210.00                          | 211.00                       | 80.00                           | 78.93                            | 74.889            | CC, ES          |
| REGNIER FARMS 1B-19H-B268 - Wellbore #1 - Design   | 23,097.91                       | 22,889.55                    | 1,959.73                        | 1,409.55                         | 3.562             | SF              |
| REGNIER FARMS 1C-19H-B268 - Wellbore #1 - Design   | 210.00                          | 211.00                       | 70.00                           | 68.93                            | 65.528            | CC, ES          |
| REGNIER FARMS 1C-19H-B268 - Wellbore #1 - Design   | 23,097.91                       | 22,767.54                    | 1,750.20                        | 1,201.40                         | 3.189             | SF              |
| REGNIER FARMS 1D-19H-B268 - Wellbore #1 - Design   | 210.00                          | 211.00                       | 60.00                           | 58.93                            | 56.166            | CC, ES          |
| REGNIER FARMS 1D-19H-B268 - Wellbore #1 - Design   | 23,097.91                       | 22,683.12                    | 1,476.42                        | 931.62                           | 2.710             | SF              |
| REGNIER FARMS 1E-19H-B268 - Wellbore #1 - Design   | 210.00                          | 211.00                       | 50.00                           | 48.93                            | 46.806            | CC, ES          |
| REGNIER FARMS 1E-19H-B268 - Wellbore #1 - Design   | 23,097.91                       | 22,817.05                    | 1,153.11                        | 605.55                           | 2.106             | SF              |
| REGNIER FARMS 1F-19H-B268 - Wellbore #1 - Design   | 210.00                          | 210.00                       | 40.00                           | 38.93                            | 37.570            | CC, ES          |
| REGNIER FARMS 1F-19H-B268 - Wellbore #1 - Design   | 22,000.00                       | 21,854.84                    | 751.06                          | 239.96                           | 1.469             | Level 3, SF     |
| REGNIER FARMS 1G-19H-B268 - Wellbore #1 - Design   | 287.15                          | 287.93                       | 29.87                           | 28.25                            | 18.482            | CC              |
| REGNIER FARMS 1G-19H-B268 - Wellbore #1 - Design   | 400.00                          | 401.76                       | 30.16                           | 27.74                            | 12.463            | ES              |
| REGNIER FARMS 1G-19H-B268 - Wellbore #1 - Design   | 23,097.60                       | 22,712.78                    | 789.87                          | 259.89                           | 1.490             | Level 3, SF     |
| REGNIER FARMS 1H-19H-B268 - Wellbore #1 - Design   | 210.00                          | 210.00                       | 20.00                           | 18.94                            | 18.785            | CC              |
| REGNIER FARMS 1H-19H-B268 - Wellbore #1 - Design   | 23,097.91                       | 22,888.50                    | 464.79                          | -65.39                           | 0.877             | Level 2, ES, SF |
| REGNIER FARMS 1I-19H-B268 - Wellbore #1 - Design # | 210.00                          | 210.00                       | 10.00                           | 8.93                             | 9.392             | CC              |
| REGNIER FARMS 1I-19H-B268 - Wellbore #1 - Design # | 23,097.91                       | 22,840.51                    | 254.67                          | -92.41                           | 0.734             | Level 2, ES, SF |
| REGNIER FARMS 1K-19H-B268 - Wellbore #1 - Design   | 200.00                          | 200.00                       | 10.00                           | 9.01                             | 10.071            | CC              |
| REGNIER FARMS 1K-19H-B268 - Wellbore #1 - Design   | 20,400.00                       | 20,339.50                    | 259.56                          | -152.07                          | 0.631             | Level 1, SF     |
| REGNIER FARMS 1K-19H-B268 - Wellbore #1 - Design   | 23,097.60                       | 23,035.83                    | 333.17                          | -186.66                          | 0.641             | Level 1, ES     |

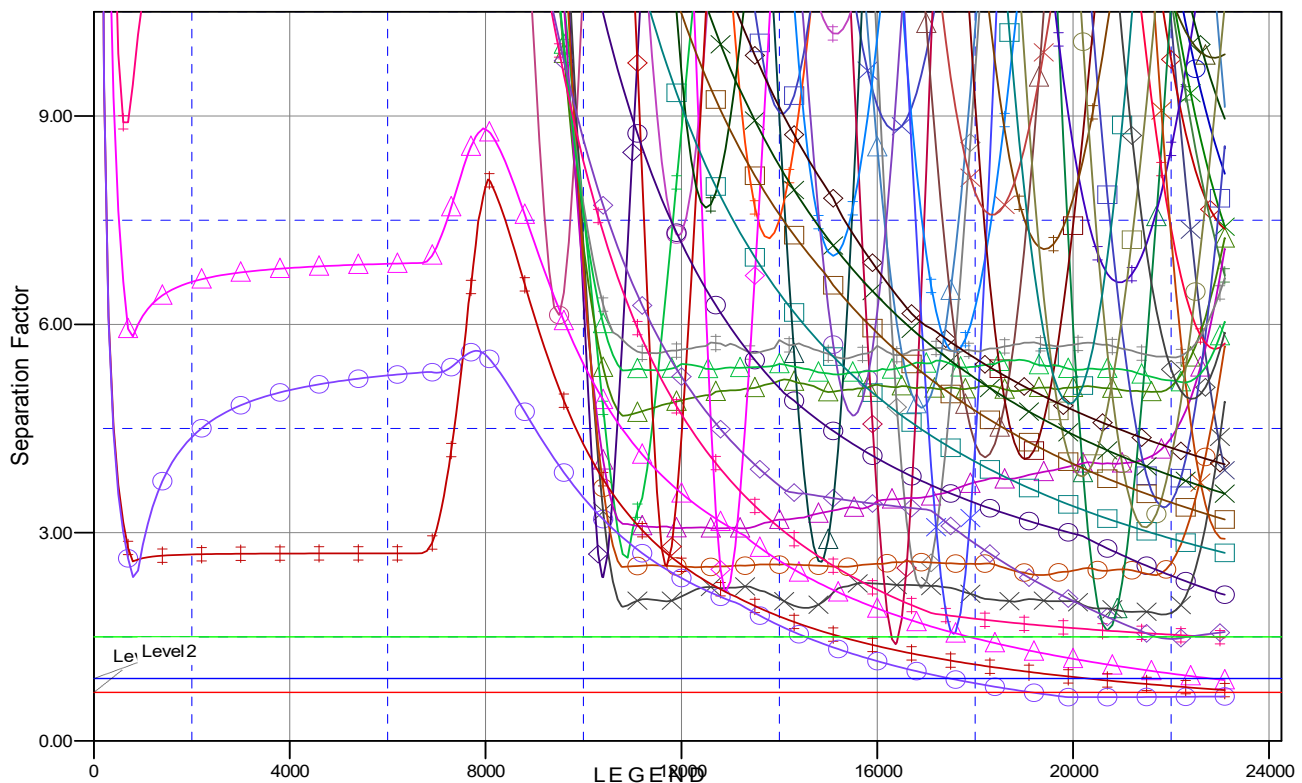


|                           |                           |                                     |   |
|---------------------------|---------------------------|-------------------------------------|---|
| <b>Company:</b>           | Crestone Peak Resources   | <b>Local Co-ordinate Reference:</b> | Well REGNIER FARMS 1J-19H-B268          |
| <b>Project:</b>           | Sec 19 T2N-R68W           | <b>TVD Reference:</b>               | WELL @ 4988.00usft (Original Well Elev) |
| <b>Reference Site:</b>    | Regnier Farms Pad         | <b>MD Reference:</b>                | WELL @ 4988.00usft (Original Well Elev) |
| <b>Site Error:</b>        | 0.00 usft                 | <b>North Reference:</b>             | True                                    |
| <b>Reference Well:</b>    | REGNIER FARMS 1J-19H-B268 | <b>Survey Calculation Method:</b>   | Minimum Curvature                       |
| <b>Well Error:</b>        | 0.00 usft                 | <b>Output errors are at</b>         | 2.00 sigma                              |
| <b>Reference Wellbore</b> | Wellbore #1               | <b>Database:</b>                    | EDM 5000.14 Single User Db              |
| <b>Reference Design:</b>  | Design #1 22Mar18 kjs     | <b>Offset TVD Reference:</b>        | Offset Datum                            |

Reference Depths are relative to WELL @ 4988.00usft (Original Well E  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.5000000

Coordinates are relative to: REGNIER FARMS 1J-19H-B268  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.30°

## Separation Factor Plot



|  |   |  |
|--|---|--|
| KENYON 4-8-19, CPR, MWD V0                 | RASMUSSEN 1941, CPR, Gyro V0                  | BULTHAUP 1-6, KMG, Gyro V0                                       |
| REGNIER FARMS 43-19, CPR, MWD V0           | JOHN LAMAR 1, KAUFFMAN, No Surveys V0         | NELSON 1-A, TEXAS TEA, No Surveys V0                             |
| WOOLLEY-BECKY 2F-7H-E168, CPR, MWD V0      | BRYANT 23-30, KMG, MWD V0                     | REGNIER FARMS 33-19, CPR, Gyro V0                                |
| CINQUE 1, FOUNDATION ENERGY, No Surveys V0 | WILLIAMS 34-18, CPR, MWD V0                   | RASMUSSEN 1944, CPR, Gyro V0                                     |
| BRYANT 33-29, KMG, MWD V0                  | CARL A PETERSON 1, KAUFFMAN, No Surveys V0    | JACK HEIN UNIT 1, HS RESOURCES, No Surveys V0                    |
| BULTHAUP 27-6, KMG, MWD V0                 | WOOLLEY-BECKY 2H-7H-E168, CPR, MWD V0         | WOOLLEY-BECKY 2E-7H-E168, CPR, MWD V0                            |
| REGNIER FARMS 31-19, CPR, Gyro V0          | SAWDEY UNIT 2, KMG, Gyro V0                   | RAY NELSON 1432, CPR, MWD V0                                     |
| ROSS 4-2-19, CPR, MWD V0                   | CHAMPLIN 86 N' 1, KMG, Gyro V0                | BRYANT 24-30, KMG, MWD V0  |
| REGNIER FARMS B 2, CPR, Gyro V0            | WILLIAMS 35-20, KMG, MWD V0                   | SAWDEY 5-30, KMG, MWD V0   |
| BRYANT 10-30, KMG, MWD V0                  | FILE FED 3L-32H-K268, CPR, MWD V0             | KENYON 8-4-19, CPR, MWD V0                                       |
| RAY NELSON 24-32, CPR, MWD V0              | SHAW 12-29A, KMG, Gyro V0                     | GLADYS-SAWDEY 1, KMG, Gyro V0                                    |
| BROWN C UNIT 2, CPR, Gyro V0               | HANKINS 1, KAUFFMAN, No Surveys V0            | SAWDEY 21-30, KMG, MWD V0  |
| BRYANT 20-30, KMG, MWD V0                  | ROSS 21-19, CPR, Gyro V0                      | SAWDEY 31-30, KMG, MWD V0  |
| SAWDEY 6-30, KMG, MWD V0                   | REGNIER 4-4-19, CPR, MWD V0                   | FILE FED 3N-32H-K268, CPR, MWD V0                                |
| RASMUSSEN 46-19, CPR, MWD V0               | CINQUE 2, FOUNDATION ENERGY, No Surveys V0    | WILLIAMS 13-20, KMG, MWD V0                                      |
| RAY NELSON 04-32, CPR, MWD V0              | KENYON 8-4-19, CPR, MWD V0                    | WILLIAMS 18-16, CPR, Gyro V0                                     |
| SAWDEY 32-30, KMG, MWD V0                  | FILE FED 3K-32H-K268, CPR, MWD V0             | FILE FED 3M-32H-K268, CPR, MWD V0                                |
| REGNIER FARMS-B UNIT 1, CPR, Gyro V0       | BRYANT 16-30, KMG, MWD V0                     | RAY NELSON 12-32, CPR, Gyro V0                                   |
| BULTHAUP 17-6, KMG, MWD V0                 | NOAA FEDERAL 11-32, CPR, Gyro V0              | RASMUSSEN FEDERAL 35-29, KMG, MWD V0                             |
| REGNIER FARMS 42-19, CPR, Gyro V0          | WOOLLEY-BECKY 2G-7H-E168, CPR, MWD V0         | ARMSTEAD GAS UNIT 4-31, EXTRACTION, Gyro V0                      |
| REGNIER FARMS 32-19, CPR, Gyro V0          | NELSON 5, TEXAS TEA, No Surveys V0            | JOHNSON 7-30A, KMG, Gyro V0                                      |
| FILE FED 3K-32H-K268, CPR, MWD V0          | CINQUE 9-31, EXTRACTION, Gyro V0              | RAY NELSON 13-32, CPR, MWD V0                                    |
| NELSON 2, TEXAS TEA, No Surveys V0         | CINQUE 6-31, FOUNDATION ENERGY, No Surveys V0 | NELSON UNIT 1, CPR, Gyro V0                                      |
| CINQUE 4, FOUNDATION ENERGY, No Surveys V0 | ANDERSON TRUST C UNIT 2, CPR, Gyro V0         | CINQUE 7-31, EXTRACTION, No Surveys V0                           |
| CINQUE 3, FOUNDATION ENERGY, No Surveys V0 | A C N O 2, KAUFFMAN, No Surveys V0            | ARMSTEAD GU 5-31, NOBLE ENERGY, No Surveys V0                    |
| BRYANT 8-30, KMG, MWD V0                   | BRYANT 36-30, KMG, No Surveys V0              | REGNIER FARMS 1G-19H-B268, Wellbore #1, Design #1 22Mar18 kjs V0 |
| RAY NELSON 24-32, CPR, MWD V0              | CINQUE 8-31, EXTRACTION, No Surveys V0        | REGNIER FARMS 1C-19H-B268, Wellbore #1, Design #1 22Mar18 kjs V0 |
| WILLIAMS 4-29, KMG, MWD V0                 | SAWDEY 22-30, KMG, MWD V0                     | REGNIER FARMS 1E-19H-B268, Wellbore #1, Design #1 22Mar18 kjs V0 |
| BALLANTINE 3-30, KMG, Gyro V0              | ANSELM 1, PETERSON, No Surveys V0             | REGNIER FARMS 1B-19H-B268, Wellbore #1, Design #1 22Mar18 kjs V0 |

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