



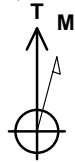
## SECTION DETAILS

| Sec | MD       | Inc   | Azi   | TVD     | +N/-S   | +E/-W   | Dleg | TFace  | Vsect   | Target                 |
|-----|----------|-------|-------|---------|---------|---------|------|--------|---------|------------------------|
| 1   | 0.00     | 0.00  | 0.00  | 0.00    | 0.00    | 0.00    | 0.00 | 0.00   | 0.00    |                        |
| 2   | 150.00   | 0.00  | 0.00  | 150.00  | 0.00    | 0.00    | 0.00 | 0.00   | 0.00    |                        |
| 3   | 316.67   | 5.00  | 61.70 | 316.46  | 3.45    | 6.40    | 3.00 | 61.70  | 3.45    |                        |
| 4   | 2600.00  | 5.00  | 61.70 | 2591.10 | 97.79   | 181.62  | 0.00 | 0.00   | 97.79   |                        |
| 5   | 3572.81  | 34.18 | 61.84 | 3497.71 | 250.18  | 466.06  | 3.00 | 0.16   | 250.18  |                        |
| 6   | 7578.74  | 34.18 | 61.84 | 6811.56 | 1312.44 | 2450.38 | 0.00 | 0.00   | 1312.44 |                        |
| 7   | 8454.97  | 8.00  | 70.00 | 7622.10 | 1451.92 | 2729.61 | 3.00 | 177.44 | 1451.92 |                        |
| 8   | 10095.84 | 8.00  | 70.00 | 9247.00 | 1530.03 | 2944.21 | 0.00 | 0.00   | 1530.03 | PUCKETT 23B-19 PBHL P2 |

Project: Garfield County, CO (UTM 1  
Site: S24-T6N-R97W (MESA P24  
Well: PUCKETT 23B-19  
Wellbore: OH  
Design: FINAL

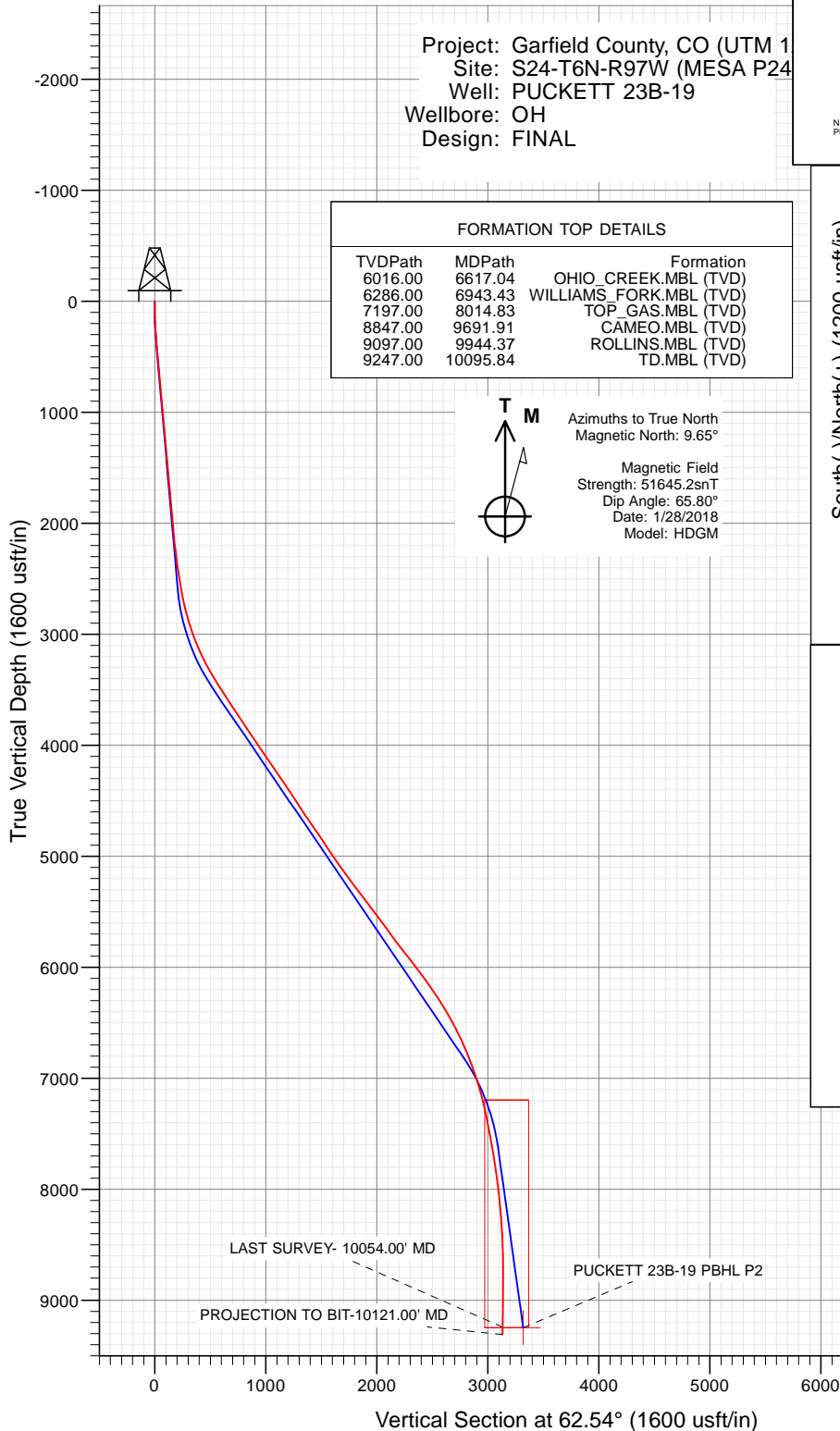
## FORMATION TOP DETAILS

| TVDPATH | MDPATH   | FORMATION               |
|---------|----------|-------------------------|
| 6016.00 | 6617.04  | OHIO CREEK.MBL (TVD)    |
| 6286.00 | 6943.43  | WILLIAMS FORK.MBL (TVD) |
| 7197.00 | 8014.83  | TOP GAS.MBL (TVD)       |
| 8847.00 | 9691.91  | CAMEO.MBL (TVD)         |
| 9097.00 | 9944.37  | ROLLINS.MBL (TVD)       |
| 9247.00 | 10095.84 | TD.MBL (TVD)            |

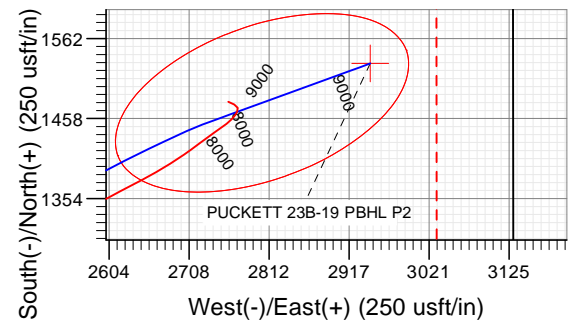
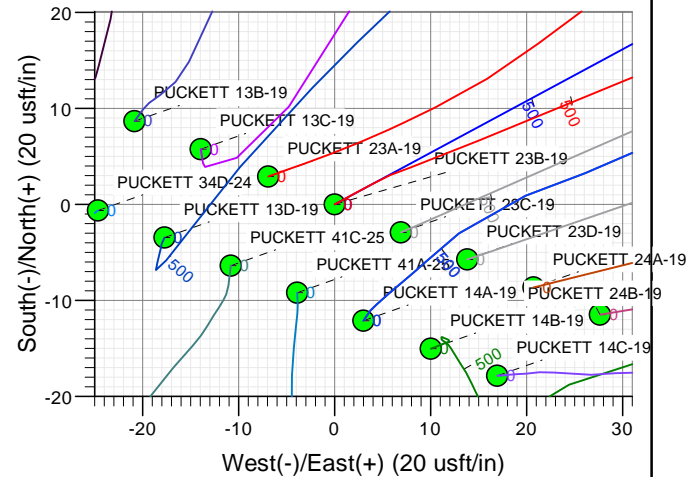
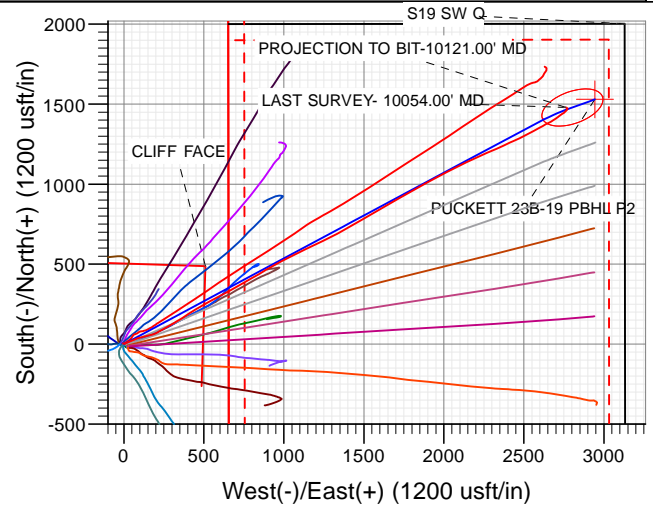


Azimuths to True North  
Magnetic North: 9.65°

Magnetic Field  
Strength: 51645.2snT  
Dip Angle: 65.80°  
Date: 1/28/2018  
Model: HDGM



| Type | Target                 | No. Target (Freehand) | Azimuth | Origin Type | N/S     | E/W       | From TVD    |
|------|------------------------|-----------------------|---------|-------------|---------|-----------|-------------|
| Name | PUCKETT 23B-19 PBHL P2 |                       | TVD     | +N/-S       | +E/-W   | Latitude  | Longitude   |
|      |                        |                       | 9247.00 | 1530.03     | 2944.21 | 39.507182 | -108.150655 |



## WELL DETAILS: PUCKETT 23B-19

| +N/-S | +E/-W | Northing    | Ground Level: | 8151.00    | Latitude  | Longitude   |
|-------|-------|-------------|---------------|------------|-----------|-------------|
| 0.00  | 0.00  | 14357698.40 | Easting       | 2441275.50 | 39.502984 | -108.161085 |

CATHEDRAL



# Cathedral Energy Services

## Survey Report

|                  |                               |                                     |                               |
|------------------|-------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | Caerus Oil & Gas              | <b>Local Co-ordinate Reference:</b> | Well PUCKETT 23B-19 - Slot A6 |
| <b>Project:</b>  | Garfield County, CO (UTM 12N) | <b>TVD Reference:</b>               | 30' KB @ 8181.00usft          |
| <b>Site:</b>     | S24-T6N-R97W (MESA P24)       | <b>MD Reference:</b>                | 30' KB @ 8181.00usft          |
| <b>Well:</b>     | PUCKETT 23B-19                | <b>North Reference:</b>             | True                          |
| <b>Wellbore:</b> | OH                            | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | FINAL                         | <b>Database:</b>                    | USA EDM 5000 Multi Users DB   |

|                    |  |                      |                |
|--------------------|--|----------------------|----------------|
| <b>Project</b>     | Garfield County, CO (UTM 12N)                  |                      |                |
| <b>Map System:</b> | Universal Transverse Mercator (US Survey Feet) | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | NAD 1927 - Western US                          |                      |                |
| <b>Map Zone:</b>   | Zone 12N (114 W to 108 W)                      |                      |                |

|                              |  |                          |                    |
|------------------------------|--|--------------------------|--------------------|
| <b>Site</b>                  | S24-T6N-R97W (MESA P24), Gravity = 0.9976g |                          |                    |
| <b>Site Position:</b>        |  | <b>Northing:</b>         | 14,357,707.60 usft |
| <b>From:</b>                 | Map  | <b>Easting:</b>          | 2,441,222.80 usft  |
| <b>Position Uncertainty:</b> | 0.00 usft                                  | <b>Slot Radius:</b>      | 13-3/16"           |
|                              |  | <b>Latitude:</b>         | 39.503013          |
|                              |  | <b>Longitude:</b>        | -108.161271        |
|                              |  | <b>Grid Convergence:</b> | 1.81 °             |

|                      |                          |           |                     |                    |               |               |
|----------------------|--------------------------|-----------|---------------------|--------------------|---------------|---------------|
| Well                 | PUCKETT 23B-19 - Slot A6 |           |                     |                    |               |               |
| Well Position        | +N/-S                    | 0.00 usft | Northing:           | 14,357,698.40 usft | Latitude:     | 39.502984     |
|                      | +E/-W                    | 0.00 usft | Easting:            | 2,441,275.50 usft  | Longitude:    | -108.161085   |
| Position Uncertainty |                          | 0.00 usft | Wellhead Elevation: | 0.00 usft          | Ground Level: | 8,151.00 usft |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OH                |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | HDGM              | 1/28/2018          | 9.65                   | 65.80                | 51,645.20000000            |

|                          |                                |                     |                     |                      |      |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|------|
| <b>Design</b>            | FINAL                          |                     |                     |                      |      |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |      |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL              | <b>Tie On Depth:</b> | 0.00 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b> |      |
|                          | 0.00                           | 0.00                | 0.00                | 62.54                |      |

|                       |                  |                          |                  |                                |  |
|-----------------------|------------------|--------------------------|------------------|--------------------------------|--|
| <b>Survey Program</b> | <b>Date</b>      | 2/2/2018                 |                  |                                |  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b>             |  |
| 167.00                | 383.00           | Survey #1 (OH)           | INC+TREND        | Inclinometer + known azi trend |  |
| 476.00                | 10,121.00        | Survey #2 (OH)           | MWD+HDGM         | OWSG MWD + HDGM                |  |

|                              |                        |                    |                              |                     |                     |                                |                               |                            |                              |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|-------------------------------|----------------------------|------------------------------|
| <b>Survey</b>                |                        |                    |                              |                     |                     |                                |                               |                            |                              |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100usf)</b> | <b>Build Rate (°/100u)</b> | <b>Formations / Comments</b> |
| 0.00                         | 0.00                   | 0.00               | 0.00                         | 0.00                | 0.00                | 0.00                           | 0.00                          | 0.00                       |                              |
| 167.00                       | 1.45                   | 61.66              | 166.98                       | 1.00                | 1.86                | 2.11                           | 0.87                          | 0.87                       |                              |
| 198.00                       | 2.33                   | 60.87              | 197.97                       | 1.50                | 2.76                | 3.13                           | 2.84                          | 2.84                       |                              |
| 260.00                       | 3.96                   | 64.21              | 259.87                       | 3.04                | 5.78                | 6.53                           | 2.64                          | 2.63                       |                              |
| 291.00                       | 4.57                   | 73.53              | 290.78                       | 3.86                | 7.93                | 8.82                           | 2.97                          | 1.97                       |                              |
| 383.00                       | 5.10                   | 63.86              | 382.46                       | 6.70                | 15.12               | 16.50                          | 1.05                          | 0.58                       |                              |
| 2,072.00                     | 5.36                   | 78.71              | 2,064.50                     | 55.22               | 159.88              | 167.33                         | 0.08                          | 0.02                       |                              |
| 2,167.00                     | 5.63                   | 74.41              | 2,159.07                     | 57.34               | 168.72              | 176.15                         | 0.52                          | 0.28                       |                              |
| 2,261.00                     | 7.16                   | 73.18              | 2,252.48                     | 60.27               | 178.77              | 186.42                         | 1.63                          | 1.63                       |                              |
| 2,356.00                     | 7.82                   | 67.64              | 2,346.67                     | 64.45               | 190.41              | 198.68                         | 1.03                          | 0.69                       |                              |
| 2,450.00                     | 8.88                   | 65.70              | 2,439.67                     | 69.86               | 202.94              | 212.29                         | 1.17                          | 1.13                       |                              |
| 2,525.00                     | 8.97                   | 63.16              | 2,513.76                     | 74.89               | 213.43              | 223.92                         | 0.54                          | 0.12                       |                              |

# Cathedral Energy Services

## Survey Report

|                  |                               |                                     |                               |
|------------------|-------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | Caerus Oil & Gas              | <b>Local Co-ordinate Reference:</b> | Well PUCKETT 23B-19 - Slot A6 |
| <b>Project:</b>  | Garfield County, CO (UTM 12N) | <b>TVD Reference:</b>               | 30' KB @ 8181.00usft          |
| <b>Site:</b>     | S24-T6N-R97W (MESA P24)       | <b>MD Reference:</b>                | 30' KB @ 8181.00usft          |
| <b>Well:</b>     | PUCKETT 23B-19                | <b>North Reference:</b>             | True                          |
| <b>Wellbore:</b> | OH                            | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | FINAL                         | <b>Database:</b>                    | USA EDM 5000 Multi Users DB   |

| Survey                |                 |             |                       |              |              |                         |                        |                     |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|---------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usf) | Build Rate (°/100u) | Formations / Comments |
| 2,620.00              | 10.33           | 61.40       | 2,607.42              | 82.31        | 227.52       | 239.84                  | 1.46                   | 1.43                |                       |
| 2,714.00              | 12.04           | 58.76       | 2,699.63              | 91.43        | 243.30       | 258.05                  | 1.90                   | 1.82                |                       |
| 2,808.00              | 14.15           | 58.85       | 2,791.18              | 102.46       | 261.52       | 279.30                  | 2.24                   | 2.24                |                       |
| 2,901.00              | 16.44           | 62.80       | 2,880.88              | 114.35       | 282.96       | 303.81                  | 2.70                   | 2.46                |                       |
| 2,996.00              | 18.90           | 58.85       | 2,971.40              | 128.46       | 308.09       | 332.61                  | 2.88                   | 2.59                |                       |
| 3,091.00              | 22.06           | 58.50       | 3,060.38              | 145.74       | 336.47       | 365.77                  | 3.33                   | 3.33                |                       |
| 3,186.00              | 24.26           | 56.83       | 3,147.72              | 165.75       | 368.02       | 402.99                  | 2.42                   | 2.32                |                       |
| 3,280.00              | 26.81           | 57.79       | 3,232.53              | 187.62       | 402.13       | 443.34                  | 2.75                   | 2.71                |                       |
| 3,374.00              | 29.00           | 58.23       | 3,315.60              | 210.92       | 439.44       | 487.19                  | 2.34                   | 2.33                |                       |
| 3,468.00              | 31.55           | 59.29       | 3,396.77              | 235.48       | 479.97       | 534.47                  | 2.77                   | 2.71                |                       |
| 3,562.00              | 33.09           | 61.66       | 3,476.21              | 260.22       | 523.70       | 584.69                  | 2.12                   | 1.64                |                       |
| 3,657.00              | 31.77           | 61.75       | 3,556.39              | 284.37       | 568.55       | 635.63                  | 1.39                   | -1.39               |                       |
| 3,751.00              | 34.01           | 61.49       | 3,635.32              | 308.63       | 613.46       | 686.66                  | 2.39                   | 2.38                |                       |
| 3,845.00              | 33.93           | 61.40       | 3,713.28              | 333.74       | 659.59       | 739.18                  | 0.10                   | -0.09               |                       |
| 3,939.00              | 33.75           | 61.13       | 3,791.35              | 358.90       | 705.49       | 791.51                  | 0.25                   | -0.19               |                       |
| 4,033.00              | 33.18           | 60.61       | 3,869.77              | 384.13       | 750.77       | 843.32                  | 0.68                   | -0.61               |                       |
| 4,127.00              | 34.81           | 59.90       | 3,947.70              | 410.21       | 796.40       | 895.83                  | 1.78                   | 1.73                |                       |
| 4,221.00              | 34.01           | 60.17       | 4,025.25              | 436.75       | 842.42       | 948.90                  | 0.87                   | -0.85               |                       |
| 4,315.00              | 33.88           | 59.38       | 4,103.23              | 463.17       | 887.77       | 1,001.33                | 0.49                   | -0.14               |                       |
| 4,409.00              | 34.98           | 59.82       | 4,180.76              | 490.06       | 933.61       | 1,054.41                | 1.20                   | 1.17                |                       |
| 4,504.00              | 35.16           | 63.16       | 4,258.52              | 516.10       | 981.56       | 1,108.96                | 2.03                   | 0.19                |                       |
| 4,598.00              | 34.06           | 63.42       | 4,335.89              | 540.10       | 1,029.26     | 1,162.35                | 1.18                   | -1.17               |                       |
| 4,692.00              | 33.79           | 63.60       | 4,413.89              | 563.50       | 1,076.21     | 1,214.80                | 0.31                   | -0.29               |                       |
| 4,785.00              | 31.73           | 63.24       | 4,492.09              | 586.01       | 1,121.21     | 1,265.12                | 2.22                   | -2.22               |                       |
| 4,879.00              | 33.31           | 64.91       | 4,571.35              | 608.09       | 1,166.66     | 1,315.63                | 1.93                   | 1.68                |                       |
| 4,973.00              | 34.32           | 64.91       | 4,649.45              | 630.27       | 1,214.04     | 1,367.89                | 1.07                   | 1.07                |                       |
| 5,068.00              | 35.51           | 63.68       | 4,727.35              | 653.86       | 1,263.03     | 1,422.24                | 1.46                   | 1.25                |                       |
| 5,162.00              | 33.79           | 62.63       | 4,804.67              | 677.99       | 1,310.71     | 1,475.68                | 1.94                   | -1.83               |                       |
| 5,257.00              | 33.44           | 60.78       | 4,883.79              | 702.91       | 1,357.02     | 1,528.26                | 1.14                   | -0.37               |                       |
| 5,352.00              | 34.32           | 59.82       | 4,962.66              | 729.15       | 1,403.02     | 1,581.18                | 1.08                   | 0.93                |                       |
| 5,447.00              | 34.15           | 60.26       | 5,041.20              | 755.84       | 1,449.32     | 1,634.57                | 0.32                   | -0.18               |                       |
| 5,541.00              | 35.42           | 60.08       | 5,118.40              | 782.52       | 1,495.84     | 1,688.15                | 1.36                   | 1.35                |                       |
| 5,636.00              | 36.78           | 59.64       | 5,195.16              | 810.63       | 1,544.24     | 1,744.06                | 1.46                   | 1.43                |                       |
| 5,730.00              | 37.44           | 60.34       | 5,270.12              | 838.99       | 1,593.35     | 1,800.72                | 0.83                   | 0.70                |                       |
| 5,825.00              | 37.00           | 59.90       | 5,345.77              | 867.62       | 1,643.18     | 1,858.13                | 0.54                   | -0.46               |                       |
| 5,920.00              | 37.18           | 61.13       | 5,421.55              | 895.81       | 1,693.05     | 1,915.38                | 0.80                   | 0.19                |                       |
| 6,014.00              | 37.05           | 61.05       | 5,496.51              | 923.23       | 1,742.70     | 1,972.09                | 0.15                   | -0.14               |                       |
| 6,109.00              | 36.61           | 60.17       | 5,572.55              | 951.18       | 1,792.32     | 2,029.00                | 0.72                   | -0.46               |                       |
| 6,204.00              | 35.77           | 59.99       | 5,649.22              | 979.16       | 1,840.94     | 2,085.04                | 0.89                   | -0.88               |                       |
| 6,298.00              | 36.39           | 60.08       | 5,725.19              | 1,006.80     | 1,888.90     | 2,140.35                | 0.66                   | 0.66                |                       |
| 6,392.00              | 37.62           | 61.75       | 5,800.26              | 1,034.29     | 1,938.34     | 2,196.90                | 1.69                   | 1.31                |                       |
| 6,486.00              | 38.28           | 63.95       | 5,874.38              | 1,060.66     | 1,989.77     | 2,254.69                | 1.60                   | 0.70                |                       |
| 6,580.00              | 37.71           | 63.51       | 5,948.46              | 1,086.27     | 2,041.66     | 2,312.55                | 0.67                   | -0.61               |                       |
| 6,674.00              | 37.22           | 62.89       | 6,023.07              | 1,112.05     | 2,092.70     | 2,369.72                | 0.66                   | -0.52               |                       |
| 6,768.00              | 36.78           | 63.24       | 6,098.14              | 1,137.68     | 2,143.13     | 2,426.29                | 0.52                   | -0.47               |                       |
| 6,862.00              | 35.16           | 65.18       | 6,174.22              | 1,161.71     | 2,192.83     | 2,481.47                | 2.11                   | -1.72               |                       |
| 6,956.00              | 33.22           | 67.02       | 6,251.97              | 1,183.13     | 2,241.11     | 2,534.18                | 2.34                   | -2.06               |                       |
| 7,049.00              | 31.11           | 66.41       | 6,330.70              | 1,202.69     | 2,286.58     | 2,583.56                | 2.30                   | -2.27               |                       |
| 7,143.00              | 30.19           | 66.14       | 6,411.56              | 1,221.97     | 2,330.45     | 2,631.37                | 0.99                   | -0.98               |                       |
| 7,236.00              | 29.71           | 65.44       | 6,492.14              | 1,241.01     | 2,372.80     | 2,677.73                | 0.64                   | -0.52               |                       |
| 7,330.00              | 26.94           | 66.14       | 6,574.88              | 1,259.31     | 2,413.47     | 2,722.25                | 2.97                   | -2.95               |                       |
| 7,424.00              | 25.05           | 65.09       | 6,659.37              | 1,276.30     | 2,451.00     | 2,763.39                | 2.07                   | -2.01               |                       |
| 7,519.00              | 22.28           | 62.80       | 6,746.37              | 1,293.01     | 2,485.26     | 2,801.50                | 3.07                   | -2.92               |                       |

# Cathedral Energy Services

## Survey Report

|                  |                               |                                     |                               |
|------------------|-------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | Caerus Oil & Gas              | <b>Local Co-ordinate Reference:</b> | Well PUCKETT 23B-19 - Slot A6 |
| <b>Project:</b>  | Garfield County, CO (UTM 12N) | <b>TVD Reference:</b>               | 30' KB @ 8181.00usft          |
| <b>Site:</b>     | S24-T6N-R97W (MESA P24)       | <b>MD Reference:</b>                | 30' KB @ 8181.00usft          |
| <b>Well:</b>     | PUCKETT 23B-19                | <b>North Reference:</b>             | True                          |
| <b>Wellbore:</b> | OH                            | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | FINAL                         | <b>Database:</b>                    | USA EDM 5000 Multi Users DB   |

| Survey                |                 |             |                       |              |              |                         |                        |                     |                                |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|---------------------|--------------------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usf) | Build Rate (°/100u) | Formations / Comments          |
| 7,613.00              | 21.05           | 62.89       | 6,833.73              | 1,308.85     | 2,516.14     | 2,836.20                | 1.31                   | -1.31               |                                |
| 7,706.00              | 19.25           | 61.84       | 6,921.04              | 1,323.69     | 2,544.52     | 2,868.23                | 1.97                   | -1.94               |                                |
| 7,800.00              | 18.55           | 60.87       | 7,009.97              | 1,338.29     | 2,571.25     | 2,898.67                | 0.82                   | -0.74               |                                |
| 7,895.00              | 16.52           | 62.63       | 7,100.55              | 1,351.85     | 2,596.44     | 2,927.29                | 2.21                   | -2.14               |                                |
| 7,989.00              | 14.11           | 61.93       | 7,191.20              | 1,363.39     | 2,618.43     | 2,952.11                | 2.57                   | -2.56               |                                |
| 8,083.00              | 11.95           | 62.80       | 7,282.78              | 1,373.23     | 2,637.19     | 2,973.31                | 2.31                   | -2.30               |                                |
| 8,178.00              | 11.12           | 61.40       | 7,375.86              | 1,382.11     | 2,653.98     | 2,992.30                | 0.92                   | -0.87               |                                |
| 8,272.00              | 10.77           | 60.43       | 7,468.15              | 1,390.79     | 2,669.58     | 3,010.14                | 0.42                   | -0.37               |                                |
| 8,366.00              | 10.42           | 57.00       | 7,560.55              | 1,399.75     | 2,684.35     | 3,027.38                | 0.77                   | -0.37               |                                |
| 8,460.00              | 9.67            | 55.42       | 7,653.11              | 1,408.86     | 2,697.98     | 3,043.67                | 0.85                   | -0.80               |                                |
| 8,648.00              | 8.53            | 52.96       | 7,838.74              | 1,426.22     | 2,722.11     | 3,073.09                | 0.64                   | -0.61               |                                |
| 8,836.00              | 6.77            | 55.86       | 8,025.06              | 1,440.84     | 2,742.41     | 3,097.85                | 0.96                   | -0.94               |                                |
| 9,024.00              | 4.31            | 50.94       | 8,212.17              | 1,451.51     | 2,757.07     | 3,115.78                | 1.33                   | -1.31               |                                |
| 9,305.00              | 2.73            | 32.48       | 8,492.64              | 1,463.81     | 2,768.86     | 3,131.91                | 0.69                   | -0.56               |                                |
| 9,586.00              | 1.10            | 342.65      | 8,773.48              | 1,472.03     | 2,771.65     | 3,138.18                | 0.78                   | -0.58               |                                |
| 9,867.00              | 1.71            | 299.87      | 9,054.41              | 1,476.70     | 2,767.21     | 3,136.39                | 0.42                   | 0.22                |                                |
| 10,054.00             | 2.02            | 290.09      | 9,241.31              | 1,479.22     | 2,761.70     | 3,132.66                | 0.24                   | 0.17                | LAST SURVEY- 10054.00' MD      |
| 10,121.00             | 2.02            | 290.09      | 9,308.26              | 1,480.03     | 2,759.48     | 3,131.06                | 0.00                   | 0.00                | PROJECTION TO BIT-10121.00' MD |

| Targets   |               |              |            |              |              |                 |                |           |             |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|
| Target Name   | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude  | Longitude   |
| PUCKETT 23B-19 PBHL   | 0.00          | 0.00         | 9,247.00   | 1,530.03     | 2,944.21     | 14,359,320.50   | 2,444,170.00   | 39.507182 | -108.150655 |
| - hit/miss target   |               |              |            |              |              |                 |                |           |             |
| - Shape   |               |              |            |              |              |                 |                |           |             |
| - actual wellpath misses target center by 189.53usft at 10054.00usft MD (9241.31 TVD, 1479.22 N, 2761.70 E) |               |              |            |              |              |                 |                |           |             |
| - Ellipse (radii L200.00 W100.00 on 250.00 azi)   |               |              |            |              |              |                 |                |           |             |
| PUCKETT 23B-19 PBHL   | 0.00          | 0.00         | 9,247.00   | 1,528.74     | 2,985.09     | 14,359,320.50   | 2,444,210.90   | 39.507179 | -108.150510 |
| - actual wellpath misses target center by 228.88usft at 10053.77usft MD (9241.08 TVD, 1479.21 N, 2761.71 E) |               |              |            |              |              |                 |                |           |             |
| - Point   |               |              |            |              |              |                 |                |           |             |

| Design Annotations    |                       |                   |              |                                |  |
|-----------------------|-----------------------|-------------------|--------------|--------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                                |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment                        |  |
| 10,054.00             | 9,241.31              | 1,479.22          | 2,761.70     | LAST SURVEY- 10054.00' MD      |  |
| 10,121.00             | 9,308.26              | 1,480.03          | 2,759.48     | PROJECTION TO BIT-10121.00' MD |  |

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_