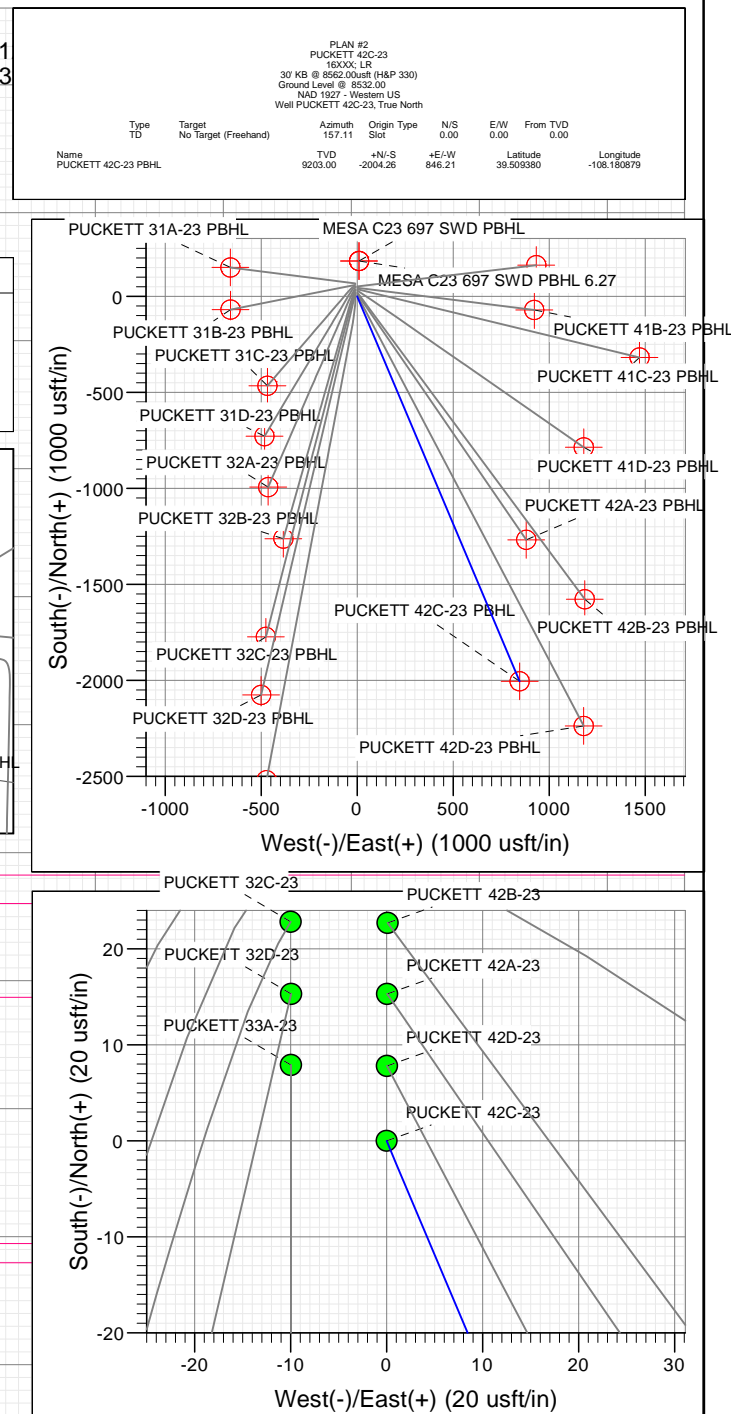
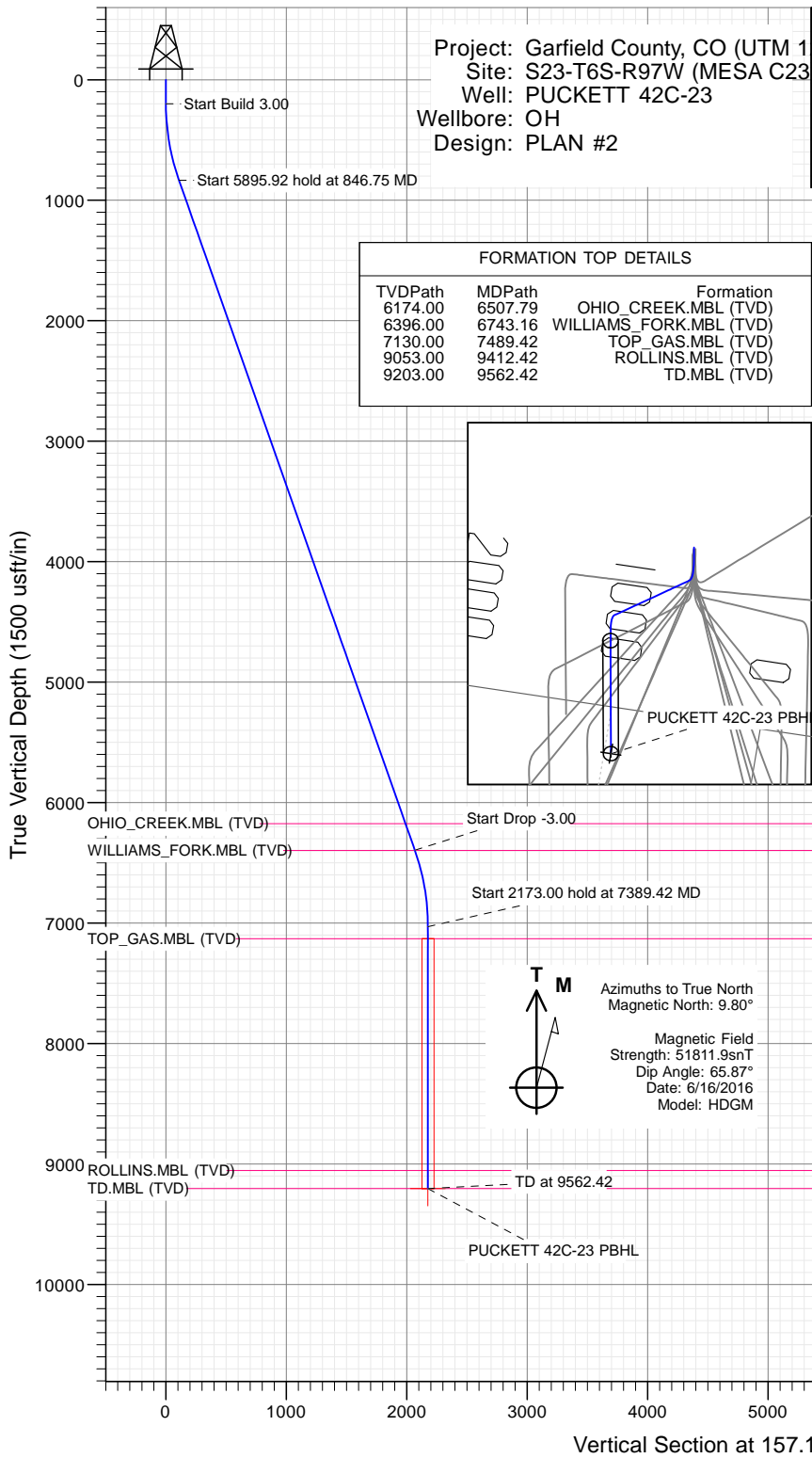




## SECTION DETAILS

| 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   | 200.00  | 0.00  | 0.00   | 200.00  | 0.00     | 0.00   | 0.00 | 0.00   | 0.00    |                     |
| 3   | 846.75  | 19.40 | 157.11 | 834.46  | -99.92   | 42.19  | 3.00 | 157.11 | 108.46  |                     |
| 4   | 6742.67 | 19.40 | 157.11 | 6395.54 | -1904.33 | 804.02 | 0.00 | 0.00   | 2067.11 |                     |
| 5   | 7389.42 | 0.00  | 0.00   | 7030.00 | -2004.26 | 846.21 | 3.00 | 180.00 | 2175.57 |                     |
| 6   | 9562.42 | 0.00  | 0.00   | 9203.00 | -2004.26 | 846.21 | 0.00 | 0.00   | 2175.57 | PUCKETT 42C-23 PBHL |



## WELL DETAILS: PUCKETT 42C-23

|       |       |             |               |            |           |             |
|-------|-------|-------------|---------------|------------|-----------|-------------|
| +N/-S | +E/-W | Northing    | Ground Level: | 8532.00    | Latitude  | Longitude   |
| 0.00  | 0.00  | 14361829.30 | Easting       | 2434709.20 | 39.514881 | -108.183877 |

CATHEDRAL



# Cathedral Energy Services

## Planning Report

|                  |                               |                                     |                                |
|------------------|-------------------------------|-------------------------------------|--------------------------------|
| <b>Database:</b> | USA EDM 5000 Multi Users DB   | <b>Local Co-ordinate Reference:</b> | Well PUCKETT 42C-23            |
| <b>Company:</b>  | Caerus Oil & Gas              | <b>TVD Reference:</b>               | 30' KB @ 8562.00usft (H&P 330) |
| <b>Project:</b>  | Garfield County, CO (UTM 12N) | <b>MD Reference:</b>                | 30' KB @ 8562.00usft (H&P 330) |
| <b>Site:</b>     | S23-T6S-R97W (MESA C23)       | <b>North Reference:</b>             | True                           |
| <b>Well:</b>     | PUCKETT 42C-23                | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Wellbore:</b> | OH                            |                                     |                                |
| <b>Design:</b>   | PLAN #2                       |                                     |                                |

|                    |  |                      |                |
|--------------------|--|----------------------|----------------|
| <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)                      |                      |                |

| Site                  |           | S23-T6S-R97W (MESA C23) |                    |                   |             |
|-----------------------|-----------|-------------------------|--------------------|-------------------|-------------|
| Site Position:        |           | Northing:               | 14,361,896.90 usft | Latitude:         | 39.515068   |
| From:                 | Map       | Easting:                | 2,434,697.40 usft  | Longitude:        | -108.183912 |
| Position Uncertainty: | 0.00 usft | Slot Radius:            | 13-3/16 "          | Grid Convergence: | 1.79 °      |

|                      |                |           |                     |                    |               |               |
|----------------------|----------------|-----------|---------------------|--------------------|---------------|---------------|
| Well                 | PUCKETT 42C-23 |           |                     |                    |               |               |
| Well Position        | +N/-S          | 0.00 usft | Northing:           | 14,361,829.30 usft | Latitude:     | 39.514881     |
|                      | +E/-W          | 0.00 usft | Easting:            | 2,434,709.20 usft  | Longitude:    | -108.183877   |
| Position Uncertainty |                | 0.00 usft | Wellhead Elevation: | 0.00 usft          | Ground Level: | 8,532.00 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              | 6/16/2016          | 9.80                   | 65.87                | 51,812                     |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | PLAN #2                        |                     |                      |                      |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <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                 | 157.11               |

| <b>Plan Sections</b>  |                 |             |                       |              |              |                         |                        |                       |         |                   |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|-------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target            |
| 0.00                  | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                   |
| 200.00                | 0.00            | 0.00        | 200.00                | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                   |
| 846.75                | 19.40           | 157.11      | 834.46                | -99.92       | 42.19        | 3.00                    | 3.00                   | 0.00                  | 157.11  |                   |
| 6,742.67              | 19.40           | 157.11      | 6,395.54              | -1,904.33    | 804.02       | 0.00                    | 0.00                   | 0.00                  | 0.00    |                   |
| 7,389.42              | 0.00            | 0.00        | 7,030.00              | -2,004.26    | 846.21       | 3.00                    | -3.00                  | 0.00                  | 180.00  |                   |
| 9,562.42              | 0.00            | 0.00        | 9,203.00              | -2,004.26    | 846.21       | 0.00                    | 0.00                   | 0.00                  | 0.00    | PUCKETT 42C-23 PE |

# Cathedral Energy Services

## Planning Report

|                  |                               |                                     |                                |
|------------------|-------------------------------|-------------------------------------|--------------------------------|
| <b>Database:</b> | USA EDM 5000 Multi Users DB   | <b>Local Co-ordinate Reference:</b> | Well PUCKETT 42C-23            |
| <b>Company:</b>  | Caerus Oil & Gas              | <b>TVD Reference:</b>               | 30' KB @ 8562.00usft (H&P 330) |
| <b>Project:</b>  | Garfield County, CO (UTM 12N) | <b>MD Reference:</b>                | 30' KB @ 8562.00usft (H&P 330) |
| <b>Site:</b>     | S23-T6S-R97W (MESA C23)       | <b>North Reference:</b>             | True                           |
| <b>Well:</b>     | PUCKETT 42C-23                | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Wellbore:</b> | OH                            |                                     |                                |
| <b>Design:</b>   | PLAN #2                       |                                     |                                |

### Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100u) | Comments / Formations |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|---------------------|-----------------------|
| 0.00                  | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                |                       |
| 100.00                | 0.00            | 0.00        | 100.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                |                       |
| 200.00                | 0.00            | 0.00        | 200.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                |                       |
| 300.00                | 3.00            | 157.11      | 299.95                | -2.41        | 1.02         | 2.62                    | 3.00                    | 3.00                |                       |
| 400.00                | 6.00            | 157.11      | 399.63                | -9.64        | 4.07         | 10.46                   | 3.00                    | 3.00                |                       |
| 500.00                | 9.00            | 157.11      | 498.77                | -21.66       | 9.15         | 23.51                   | 3.00                    | 3.00                |                       |
| 600.00                | 12.00           | 157.11      | 597.08                | -38.45       | 16.23        | 41.74                   | 3.00                    | 3.00                |                       |
| 700.00                | 15.00           | 157.11      | 694.31                | -59.95       | 25.31        | 65.08                   | 3.00                    | 3.00                |                       |
| 800.00                | 18.00           | 157.11      | 790.18                | -86.11       | 36.36        | 93.48                   | 3.00                    | 3.00                |                       |
| 846.75                | 19.40           | 157.11      | 834.46                | -99.92       | 42.19        | 108.46                  | 3.00                    | 3.00                |                       |
| 900.00                | 19.40           | 157.11      | 884.69                | -116.22      | 49.07        | 126.15                  | 0.00                    | 0.00                |                       |
| 1,000.00              | 19.40           | 157.11      | 979.01                | -146.82      | 61.99        | 159.37                  | 0.00                    | 0.00                |                       |
| 1,100.00              | 19.40           | 157.11      | 1,073.33              | -177.43      | 74.91        | 192.59                  | 0.00                    | 0.00                |                       |
| 1,200.00              | 19.40           | 157.11      | 1,167.65              | -208.03      | 87.83        | 225.82                  | 0.00                    | 0.00                |                       |
| 1,300.00              | 19.40           | 157.11      | 1,261.97              | -238.64      | 100.75       | 259.04                  | 0.00                    | 0.00                |                       |
| 1,400.00              | 19.40           | 157.11      | 1,356.29              | -269.24      | 113.68       | 292.26                  | 0.00                    | 0.00                |                       |
| 1,500.00              | 19.40           | 157.11      | 1,450.61              | -299.85      | 126.60       | 325.48                  | 0.00                    | 0.00                |                       |
| 1,600.00              | 19.40           | 157.11      | 1,544.93              | -330.45      | 139.52       | 358.70                  | 0.00                    | 0.00                |                       |
| 1,700.00              | 19.40           | 157.11      | 1,639.25              | -361.05      | 152.44       | 391.92                  | 0.00                    | 0.00                |                       |
| 1,800.00              | 19.40           | 157.11      | 1,733.57              | -391.66      | 165.36       | 425.14                  | 0.00                    | 0.00                |                       |
| 1,900.00              | 19.40           | 157.11      | 1,827.89              | -422.26      | 178.28       | 458.36                  | 0.00                    | 0.00                |                       |
| 2,000.00              | 19.40           | 157.11      | 1,922.21              | -452.87      | 191.20       | 491.58                  | 0.00                    | 0.00                |                       |
| 2,100.00              | 19.40           | 157.11      | 2,016.53              | -483.47      | 204.13       | 524.80                  | 0.00                    | 0.00                |                       |
| 2,200.00              | 19.40           | 157.11      | 2,110.86              | -514.08      | 217.05       | 558.02                  | 0.00                    | 0.00                |                       |
| 2,300.00              | 19.40           | 157.11      | 2,205.18              | -544.68      | 229.97       | 591.24                  | 0.00                    | 0.00                |                       |
| 2,400.00              | 19.40           | 157.11      | 2,299.50              | -575.29      | 242.89       | 624.46                  | 0.00                    | 0.00                |                       |
| 2,500.00              | 19.40           | 157.11      | 2,393.82              | -605.89      | 255.81       | 657.68                  | 0.00                    | 0.00                |                       |
| 2,600.00              | 19.40           | 157.11      | 2,488.14              | -636.49      | 268.73       | 690.90                  | 0.00                    | 0.00                |                       |
| 2,700.00              | 19.40           | 157.11      | 2,582.46              | -667.10      | 281.65       | 724.12                  | 0.00                    | 0.00                |                       |
| 2,800.00              | 19.40           | 157.11      | 2,676.78              | -697.70      | 294.57       | 757.34                  | 0.00                    | 0.00                |                       |
| 2,900.00              | 19.40           | 157.11      | 2,771.10              | -728.31      | 307.50       | 790.56                  | 0.00                    | 0.00                |                       |
| 3,000.00              | 19.40           | 157.11      | 2,865.42              | -758.91      | 320.42       | 823.78                  | 0.00                    | 0.00                |                       |
| 3,100.00              | 19.40           | 157.11      | 2,959.74              | -789.52      | 333.34       | 857.00                  | 0.00                    | 0.00                |                       |
| 3,200.00              | 19.40           | 157.11      | 3,054.06              | -820.12      | 346.26       | 890.22                  | 0.00                    | 0.00                |                       |
| 3,300.00              | 19.40           | 157.11      | 3,148.38              | -850.72      | 359.18       | 923.44                  | 0.00                    | 0.00                |                       |
| 3,400.00              | 19.40           | 157.11      | 3,242.71              | -881.33      | 372.10       | 956.66                  | 0.00                    | 0.00                |                       |
| 3,500.00              | 19.40           | 157.11      | 3,337.03              | -911.93      | 385.02       | 989.88                  | 0.00                    | 0.00                |                       |
| 3,600.00              | 19.40           | 157.11      | 3,431.35              | -942.54      | 397.95       | 1,023.10                | 0.00                    | 0.00                |                       |
| 3,700.00              | 19.40           | 157.11      | 3,525.67              | -973.14      | 410.87       | 1,056.32                | 0.00                    | 0.00                |                       |
| 3,800.00              | 19.40           | 157.11      | 3,619.99              | -1,003.75    | 423.79       | 1,089.54                | 0.00                    | 0.00                |                       |
| 3,900.00              | 19.40           | 157.11      | 3,714.31              | -1,034.35    | 436.71       | 1,122.76                | 0.00                    | 0.00                |                       |
| 4,000.00              | 19.40           | 157.11      | 3,808.63              | -1,064.95    | 449.63       | 1,155.98                | 0.00                    | 0.00                |                       |
| 4,100.00              | 19.40           | 157.11      | 3,902.95              | -1,095.56    | 462.55       | 1,189.20                | 0.00                    | 0.00                |                       |
| 4,200.00              | 19.40           | 157.11      | 3,997.27              | -1,126.16    | 475.47       | 1,222.42                | 0.00                    | 0.00                |                       |
| 4,300.00              | 19.40           | 157.11      | 4,091.59              | -1,156.77    | 488.40       | 1,255.64                | 0.00                    | 0.00                |                       |
| 4,400.00              | 19.40           | 157.11      | 4,185.91              | -1,187.37    | 501.32       | 1,288.86                | 0.00                    | 0.00                |                       |
| 4,500.00              | 19.40           | 157.11      | 4,280.23              | -1,217.98    | 514.24       | 1,322.08                | 0.00                    | 0.00                |                       |
| 4,600.00              | 19.40           | 157.11      | 4,374.55              | -1,248.58    | 527.16       | 1,355.30                | 0.00                    | 0.00                |                       |
| 4,700.00              | 19.40           | 157.11      | 4,468.88              | -1,279.19    | 540.08       | 1,388.53                | 0.00                    | 0.00                |                       |
| 4,800.00              | 19.40           | 157.11      | 4,563.20              | -1,309.79    | 553.00       | 1,421.75                | 0.00                    | 0.00                |                       |
| 4,900.00              | 19.40           | 157.11      | 4,657.52              | -1,340.39    | 565.92       | 1,454.97                | 0.00                    | 0.00                |                       |
| 5,000.00              | 19.40           | 157.11      | 4,751.84              | -1,371.00    | 578.84       | 1,488.19                | 0.00                    | 0.00                |                       |

# Cathedral Energy Services

## Planning Report

|                  |                               |                                     |                                |
|------------------|-------------------------------|-------------------------------------|--------------------------------|
| <b>Database:</b> | USA EDM 5000 Multi Users DB   | <b>Local Co-ordinate Reference:</b> | Well PUCKETT 42C-23            |
| <b>Company:</b>  | Caerus Oil & Gas              | <b>TVD Reference:</b>               | 30' KB @ 8562.00usft (H&P 330) |
| <b>Project:</b>  | Garfield County, CO (UTM 12N) | <b>MD Reference:</b>                | 30' KB @ 8562.00usft (H&P 330) |
| <b>Site:</b>     | S23-T6S-R97W (MESA C23)       | <b>North Reference:</b>             | True                           |
| <b>Well:</b>     | PUCKETT 42C-23                | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Wellbore:</b> | OH                            |                                     |                                |
| <b>Design:</b>   | PLAN #2                       |                                     |                                |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                     |                         |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|---------------------|-------------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100u) | Comments / Formations   |
| 5,100.00              | 19.40           | 157.11      | 4,846.16              | -1,401.60    | 591.77       | 1,521.41                | 0.00                    | 0.00                |                         |
| 5,200.00              | 19.40           | 157.11      | 4,940.48              | -1,432.21    | 604.69       | 1,554.63                | 0.00                    | 0.00                |                         |
| 5,300.00              | 19.40           | 157.11      | 5,034.80              | -1,462.81    | 617.61       | 1,587.85                | 0.00                    | 0.00                |                         |
| 5,400.00              | 19.40           | 157.11      | 5,129.12              | -1,493.42    | 630.53       | 1,621.07                | 0.00                    | 0.00                |                         |
| 5,500.00              | 19.40           | 157.11      | 5,223.44              | -1,524.02    | 643.45       | 1,654.29                | 0.00                    | 0.00                |                         |
| 5,600.00              | 19.40           | 157.11      | 5,317.76              | -1,554.62    | 656.37       | 1,687.51                | 0.00                    | 0.00                |                         |
| 5,700.00              | 19.40           | 157.11      | 5,412.08              | -1,585.23    | 669.29       | 1,720.73                | 0.00                    | 0.00                |                         |
| 5,800.00              | 19.40           | 157.11      | 5,506.40              | -1,615.83    | 682.22       | 1,753.95                | 0.00                    | 0.00                |                         |
| 5,900.00              | 19.40           | 157.11      | 5,600.73              | -1,646.44    | 695.14       | 1,787.17                | 0.00                    | 0.00                |                         |
| 6,000.00              | 19.40           | 157.11      | 5,695.05              | -1,677.04    | 708.06       | 1,820.39                | 0.00                    | 0.00                |                         |
| 6,100.00              | 19.40           | 157.11      | 5,789.37              | -1,707.65    | 720.98       | 1,853.61                | 0.00                    | 0.00                |                         |
| 6,200.00              | 19.40           | 157.11      | 5,883.69              | -1,738.25    | 733.90       | 1,886.83                | 0.00                    | 0.00                |                         |
| 6,300.00              | 19.40           | 157.11      | 5,978.01              | -1,768.85    | 746.82       | 1,920.05                | 0.00                    | 0.00                |                         |
| 6,400.00              | 19.40           | 157.11      | 6,072.33              | -1,799.46    | 759.74       | 1,953.27                | 0.00                    | 0.00                |                         |
| 6,500.00              | 19.40           | 157.11      | 6,166.65              | -1,830.06    | 772.67       | 1,986.49                | 0.00                    | 0.00                |                         |
| 6,507.79              | 19.40           | 157.11      | 6,174.00              | -1,832.45    | 773.67       | 1,989.08                | 0.00                    | 0.00                | OHIO_CREEK.MBL (TVD)    |
| 6,600.00              | 19.40           | 157.11      | 6,260.97              | -1,860.67    | 785.59       | 2,019.71                | 0.00                    | 0.00                |                         |
| 6,700.00              | 19.40           | 157.11      | 6,355.29              | -1,891.27    | 798.51       | 2,052.93                | 0.00                    | 0.00                |                         |
| 6,742.67              | 19.40           | 157.11      | 6,395.54              | -1,904.33    | 804.02       | 2,067.11                | 0.00                    | 0.00                |                         |
| 6,743.16              | 19.39           | 157.11      | 6,396.00              | -1,904.48    | 804.08       | 2,067.27                | 3.00                    | -3.00               | WILLIAMS_FORK.MBL (TVD) |
| 6,800.00              | 17.68           | 157.11      | 6,449.89              | -1,921.13    | 811.11       | 2,085.34                | 3.00                    | -3.00               |                         |
| 6,900.00              | 14.68           | 157.11      | 6,545.92              | -1,946.80    | 821.95       | 2,113.20                | 3.00                    | -3.00               |                         |
| 7,000.00              | 11.68           | 157.11      | 6,643.27              | -1,967.81    | 830.82       | 2,136.01                | 3.00                    | -3.00               |                         |
| 7,100.00              | 8.68            | 157.11      | 6,741.68              | -1,984.09    | 837.70       | 2,153.68                | 3.00                    | -3.00               |                         |
| 7,200.00              | 5.68            | 157.11      | 6,840.89              | -1,995.61    | 842.56       | 2,166.19                | 3.00                    | -3.00               |                         |
| 7,300.00              | 2.68            | 157.11      | 6,940.61              | -2,002.33    | 845.40       | 2,173.48                | 3.00                    | -3.00               |                         |
| 7,389.42              | 0.00            | 0.00        | 7,030.00              | -2,004.26    | 846.21       | 2,175.57                | 3.00                    | -3.00               |                         |
| 7,400.00              | 0.00            | 0.00        | 7,040.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 7,489.42              | 0.00            | 0.00        | 7,130.00              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                | TOP_GAS.MBL (TVD)       |
| 7,500.00              | 0.00            | 0.00        | 7,140.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 7,600.00              | 0.00            | 0.00        | 7,240.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 7,700.00              | 0.00            | 0.00        | 7,340.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 7,800.00              | 0.00            | 0.00        | 7,440.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 7,900.00              | 0.00            | 0.00        | 7,540.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 8,000.00              | 0.00            | 0.00        | 7,640.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 8,100.00              | 0.00            | 0.00        | 7,740.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 8,200.00              | 0.00            | 0.00        | 7,840.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 8,300.00              | 0.00            | 0.00        | 7,940.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 8,400.00              | 0.00            | 0.00        | 8,040.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 8,500.00              | 0.00            | 0.00        | 8,140.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 8,600.00              | 0.00            | 0.00        | 8,240.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 8,700.00              | 0.00            | 0.00        | 8,340.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 8,800.00              | 0.00            | 0.00        | 8,440.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 8,900.00              | 0.00            | 0.00        | 8,540.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 9,000.00              | 0.00            | 0.00        | 8,640.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 9,100.00              | 0.00            | 0.00        | 8,740.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 9,200.00              | 0.00            | 0.00        | 8,840.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 9,300.00              | 0.00            | 0.00        | 8,940.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 9,400.00              | 0.00            | 0.00        | 9,040.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 9,412.42              | 0.00            | 0.00        | 9,053.00              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                | ROLLINS.MBL (TVD)       |
| 9,500.00              | 0.00            | 0.00        | 9,140.58              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                |                         |
| 9,562.42              | 0.00            | 0.00        | 9,203.00              | -2,004.26    | 846.21       | 2,175.57                | 0.00                    | 0.00                | TD.MBL (TVD)            |

# Cathedral Energy Services

## Planning Report

|                  |                               |                                     |                                |
|------------------|-------------------------------|-------------------------------------|--------------------------------|
| <b>Database:</b> | USA EDM 5000 Multi Users DB   | <b>Local Co-ordinate Reference:</b> | Well PUCKETT 42C-23            |
| <b>Company:</b>  | Caerus Oil & Gas              | <b>TVD Reference:</b>               | 30' KB @ 8562.00usft (H&P 330) |
| <b>Project:</b>  | Garfield County, CO (UTM 12N) | <b>MD Reference:</b>                | 30' KB @ 8562.00usft (H&P 330) |
| <b>Site:</b>     | S23-T6S-R97W (MESA C23)       | <b>North Reference:</b>             | True                           |
| <b>Well:</b>     | PUCKETT 42C-23                | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Wellbore:</b> | OH                            |                                     |                                |
| <b>Design:</b>   | PLAN #2                       |                                     |                                |

| Targets                   |           |          |          |           |        |               |              |           |             |
|---------------------------|-----------|----------|----------|-----------|--------|---------------|--------------|-----------|-------------|
| Target Name               |           |          |          |           |        |               |              |           |             |
| - hit/miss target         | Dip Angle | Dip Dir. | TVD      | +N/-S     | +E/-W  | Northing      | Easting      | Latitude  | Longitude   |
| - Shape                   | (°)       | (°)      | (usft)   | (usft)    | (usft) | (usft)        | (usft)       |           |             |
| PUCKETT 42C-23 PBHI       | 0.00      | 0.00     | 9,203.00 | -2,004.26 | 846.21 | 14,359,852.50 | 2,435,617.70 | 39.509380 | -108.180879 |
| - plan hits target center |           |          |          |           |        |               |              |           |             |
| - Circle (radius 50.00)   |           |          |          |           |        |               |              |           |             |

| Formations     |                |                         |           |     |               |  |
|----------------|----------------|-------------------------|-----------|-----|---------------|--|
| Measured Depth | Vertical Depth | Name                    | Lithology | Dip | Dip Direction |  |
| (usft)         | (usft)         |                         |           | (°) | (°)           |  |
| 6,507.79       | 6,174.00       | OHIO_CREEK.MBL (TVD)    |           |     |               |  |
| 6,743.16       | 6,396.00       | WILLIAMS_FORK.MBL (TVD) |           |     |               |  |
| 7,489.42       | 7,130.00       | TOP_GAS.MBL (TVD)       |           |     |               |  |
| 9,412.42       | 9,053.00       | ROLLINS.MBL (TVD)       |           |     |               |  |
| 9,562.42       | 9,203.00       | TD.MBL (TVD)            |           |     |               |  |