

Project: Garfield County, CO  
 Site: NPM G35 496 Pad  
 Well: BJU G35 FED 13D-35 496  
 Wellbore: Wellbore #1  
 Design: Design #1  
 Latitude: 39.660491  
 Longitude: -108.134158  
 Ground Level: 8164.0  
 RKB @ 8194.0usft (H&P#329)

| FORMATION TOP DETAILS |         |               |
|-----------------------|---------|---------------|
| TVDPath               | MDPath  | Formation     |
| 2498.0                | 2598.9  | Wasatch       |
| 5498.0                | 5758.9  | Wasatch G     |
| 5795.0                | 6071.8  | Fort Union    |
| 7793.0                | 8154.7  | Ohio Creek    |
| 7793.0                | 8154.7  | TOG           |
| 8045.0                | 8406.7  | Williams Fork |
| 10767.0               | 11129.7 | Cameo         |
| 11363.0               | 11725.9 | Rollins       |

#### REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well BJU G35 FED 13D-35 496 - Slot BJU G35 FED 13D-35 496, True North  
 Vertical (TVD) Reference: RKB @ 8194.0usft (H&P#329)  
 Section (VS) Reference: Slot - BJU G35 FED 13D-35 496(0.0N, 0.0E)  
 Measured Depth Reference: RKB @ 8194.0usft (H&P#329)  
 Calculation Method: Minimum Curvature

#### WELL DETAILS: BJU G35 FED 13D-35 496

8164.0  
 +N/-S 0.0 +E/-W 0.0 Northing 14415302.50 Easting 2447043.10 Latitude 39.660491 Longitude -108.134158

#### PROJECT DETAILS: Garfield County, CO

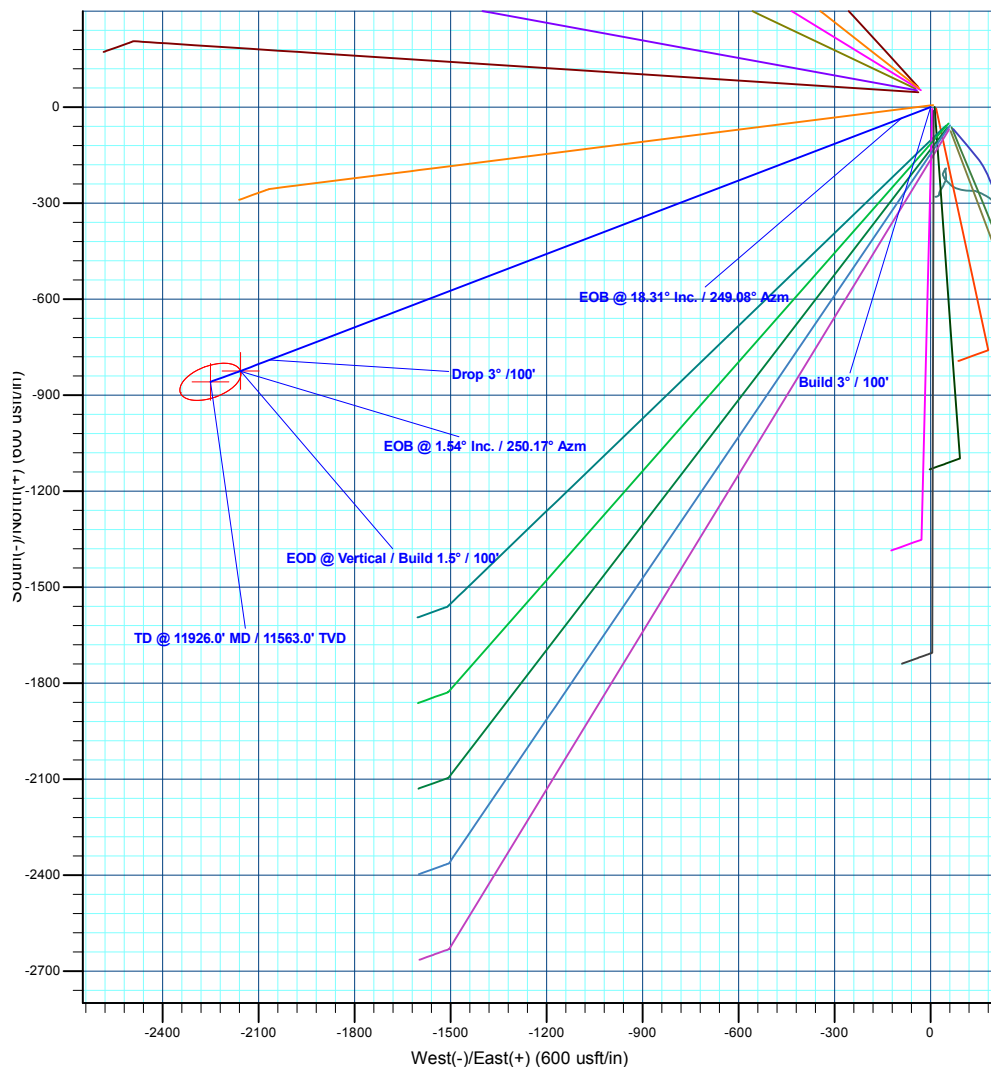
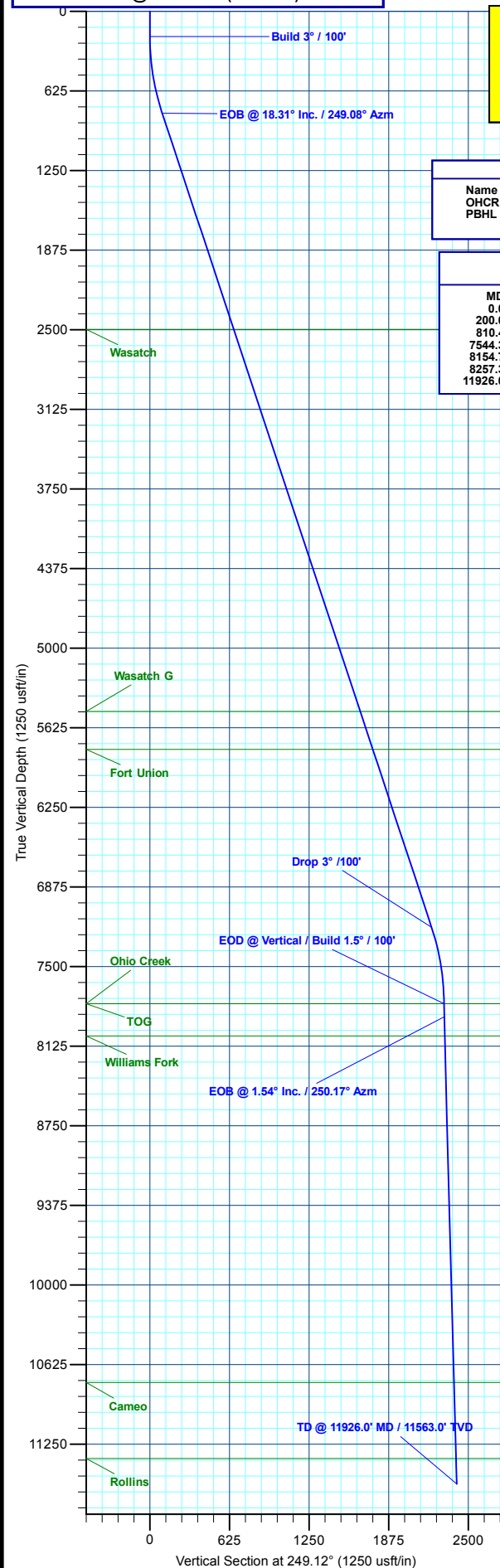
Geodetic System: Universal Transverse Mercator (US Survey Feet)  
 Datum: NAD 1927 - Western US  
 Ellipsoid: Clarke 1866  
 Zone: Zone 12N (114 W to 108 W)  
 System Datum: Mean Sea Level

#### DESIGN TARGET DETAILS

| Name                     | TVD     | +N/-S  | +E/-W   | Northing    | Easting    | Latitude  | Longitude   |
|--------------------------|---------|--------|---------|-------------|------------|-----------|-------------|
| OHCR - BJ G35 13D-35 496 | 7793.0  | -824.7 | -2156.8 | 14414409.38 | 2444913.75 | 39.658228 | -108.141815 |
| PBHL - BJ G35 13D-35 496 | 11563.0 | -858.6 | -2250.8 | 14414372.50 | 2444820.90 | 39.658135 | -108.142149 |

#### SECTION DETAILS

| MD      | Inc   | Azi    | TVD     | +N/-S  | +E/-W   | Dleg | TFace  | VSect  | Annotation                         |
|---------|-------|--------|---------|--------|---------|------|--------|--------|------------------------------------|
| 0.0     | 0.00  | 0.00   | 0.0     | 0.0    | 0.0     | 0.00 | 0.00   | 0.0    |                                    |
| 200.0   | 0.00  | 0.00   | 200.0   | 0.0    | 0.0     | 0.00 | 0.00   | 0.0    | Build 3° / 100'                    |
| 810.4   | 18.31 | 249.08 | 800.0   | -34.5  | -90.3   | 3.00 | 249.08 | 96.7   | EOB @ 18.31° Inc. / 249.08° Azm    |
| 7544.3  | 18.31 | 249.08 | 7193.0  | -790.1 | -2066.5 | 0.00 | 0.00   | 2212.4 | Drop 3° / 100'                     |
| 8154.7  | 0.00  | 0.00   | 7793.0  | -824.7 | -2156.8 | 3.00 | 180.00 | 2309.1 | EOD @ Vertical / Build 1.5° / 100' |
| 8257.3  | 1.54  | 250.17 | 7895.6  | -825.1 | -2158.1 | 1.50 | 250.17 | 2310.4 | EOB @ 1.54° Inc. / 250.17° Azm     |
| 11926.0 | 1.54  | 250.17 | 11563.0 | -858.6 | -2250.8 | 0.00 | 0.00   | 2409.0 | TD @ 11926.0° MD / 11563.0° TVD    |



Plan: Design #1 (BJU G35 FED 13D-35 496/Wellbore #1)

Created By: Will Jircik

Date: 16:03, December 18 2019



## **Caerus Oil & Gas**

**Garfield County, CO**

**NPM G35 496 Pad**

**BJU G35 FED 13D-35 496 - Slot BJU G35 FED 13D-35 496**

**Wellbore #1**

**Plan: Design #1**

## **QES Well Planning Report**

**18 December, 2019**



|                  |                           |                                     |   |
|------------------|---------------------------|-------------------------------------|---|
| <b>Database:</b> | EDM 5000.1 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BJU G35 FED 13D-35 496 - Slot BJU G35 FED 13D-35 496 |
| <b>Company:</b>  | Caerus Oil & Gas          | <b>TVD Reference:</b>               | RKB @ 8194.0usft (H&P#329)                                |
| <b>Project:</b>  | Garfield County, CO       | <b>MD Reference:</b>                | RKB @ 8194.0usft (H&P#329)                                |
| <b>Site:</b>     | NPM G35 496 Pad           | <b>North Reference:</b>             | True  |
| <b>Well:</b>     | BJU G35 FED 13D-35 496    | <b>Survey Calculation Method:</b>   | Minimum Curvature   |
| <b>Wellbore:</b> | Wellbore #1               |                                     |   |
| <b>Design:</b>   | Design #1                 |                                     |   |

|                    |  |                      |                |
|--------------------|--|----------------------|----------------|
| <b>Project</b>     | Garfield County, CO                          |                      |                |
| <b>Map System:</b> | Universal Transverse Mercator (US Survey Fee | <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>                  | NPM G35 496 Pad |                          |                    |
| <b>Site Position:</b>        |                 | <b>Northing:</b>         | 14,415,354.00 usft |
| <b>From:</b>                 | Map             | <b>Easting:</b>          | 2,447,010.80 usft  |
| <b>Position Uncertainty:</b> | 0.0 usft        | <b>Slot Radius:</b>      | 13-3/16 "          |
|                              |                 | <b>Latitude:</b>         | 39.660635          |
|                              |                 | <b>Longitude:</b>        | -108.134267        |
|                              |                 | <b>Grid Convergence:</b> | 1.83 °             |

|                             |  |            |                                     |
|-----------------------------|--|------------|-------------------------------------|
| <b>Well</b>                 | BJU G35 FED 13D-35 496 - Slot BJU G35 FED 13D-35 496 |            |                                     |
| <b>Well Position</b>        | <b>+N/-S</b>   | -52.5 usft | <b>Northing:</b> 14,415,302.50 usft |
|                             | <b>+E/-W</b>   | 30.6 usft  | <b>Easting:</b> 2,447,043.10 usft   |
| <b>Position Uncertainty</b> |  | 0.0 usft   | <b>Wellhead Elevation:</b>          |
|                             |  |            | <b>Ground Level:</b> 8,164.0 usft   |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | HDGM_FILE         | 12/11/2019         | 9.48                   | 65.83                | 51,251.00000000            |

|                          |                                |                     |                      |                      |  |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|--|
| <b>Design</b>            | Design #1                      |                     |                      |                      |  |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |  |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <b>Tie On Depth:</b> | 0.0                  |  |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |  |
|                          | 0.0                            | 0.0                 | 0.0                  | 249.12               |  |

|                              |                        |                    |                              |                     |                     |                                |                               |                              |                |                  |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|-------------------------------|------------------------------|----------------|------------------|
| <b>Plan Sections</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>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> | <b>TFO (°)</b> | <b>Target</b>    |
| 0.0                          | 0.00                   | 0.00               | 0.0                          | 0.0                 | 0.0                 | 0.00                           | 0.00                          | 0.00                         | 0.00           |                  |
| 200.0                        | 0.00                   | 0.00               | 200.0                        | 0.0                 | 0.0                 | 0.00                           | 0.00                          | 0.00                         | 0.00           |                  |
| 810.4                        | 18.31                  | 249.08             | 800.0                        | -34.5               | -90.3               | 3.00                           | 3.00                          | 0.00                         | 249.08         |                  |
| 7,544.3                      | 18.31                  | 249.08             | 7,193.0                      | -790.1              | -2,066.5            | 0.00                           | 0.00                          | 0.00                         | 0.00           |                  |
| 8,154.7                      | 0.00                   | 0.00               | 7,793.0                      | -824.7              | -2,156.8            | 3.00                           | -3.00                         | 0.00                         | 180.00         | OHCR - BJ G35 13 |
| 8,257.3                      | 1.54                   | 250.17             | 7,895.6                      | -825.1              | -2,158.1            | 1.50                           | 1.50                          | -107.05                      | 250.17         |                  |
| 11,926.0                     | 1.54                   | 250.17             | 11,563.0                     | -858.6              | -2,250.8            | 0.00                           | 0.00                          | 0.00                         | 0.00           | PBHL - BJ G35 13 |

|                  |                           |                                     |   |
|------------------|---------------------------|-------------------------------------|---|
| <b>Database:</b> | EDM 5000.1 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BJU G35 FED 13D-35 496 - Slot BJU G35 FED 13D-35 496 |
| <b>Company:</b>  | Caerus Oil & Gas          | <b>TVD Reference:</b>               | RKB @ 8194.0usft (H&P#329)                                |
| <b>Project:</b>  | Garfield County, CO       | <b>MD Reference:</b>                | RKB @ 8194.0usft (H&P#329)                                |
| <b>Site:</b>     | NPM G35 496 Pad           | <b>North Reference:</b>             | True  |
| <b>Well:</b>     | BJU G35 FED 13D-35 496    | <b>Survey Calculation Method:</b>   | Minimum Curvature   |
| <b>Wellbore:</b> | Wellbore #1               |                                     |   |
| <b>Design:</b>   | Design #1                 |                                     |   |

**Planned Survey**

| Measured Depth (usft)                  | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|--|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 0.0                                    | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 100.0                                  | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| <b>Build 3° / 100'</b>                 |                 |             |                       |              |              |                         |                         |                        |                       |
| 200.0                                  | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 300.0                                  | 3.00            | 249.08      | 300.0                 | -0.9         | -2.4         | 2.6                     | 3.00                    | 3.00                   | 0.00                  |
| 400.0                                  | 6.00            | 249.08      | 399.6                 | -3.7         | -9.8         | 10.5                    | 3.00                    | 3.00                   | 0.00                  |
| 500.0                                  | 9.00            | 249.08      | 498.8                 | -8.4         | -22.0        | 23.5                    | 3.00                    | 3.00                   | 0.00                  |
| 600.0                                  | 12.00           | 249.08      | 597.1                 | -14.9        | -39.0        | 41.7                    | 3.00                    | 3.00                   | 0.00                  |
| 700.0                                  | 15.00           | 249.08      | 694.3                 | -23.2        | -60.8        | 65.1                    | 3.00                    | 3.00                   | 0.00                  |
| 800.0                                  | 18.00           | 249.08      | 790.2                 | -33.4        | -87.3        | 93.5                    | 3.00                    | 3.00                   | 0.00                  |
| <b>EOB @ 18.31° Inc. / 249.08° Azm</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 810.4                                  | 18.31           | 249.08      | 800.0                 | -34.5        | -90.3        | 96.7                    | 3.00                    | 3.00                   | 0.00                  |
| 900.0                                  | 18.31           | 249.08      | 885.1                 | -44.6        | -116.6       | 124.9                   | 0.00                    | 0.00                   | 0.00                  |
| 1,000.0                                | 18.31           | 249.08      | 980.1                 | -55.8        | -146.0       | 156.3                   | 0.00                    | 0.00                   | 0.00                  |
| 1,100.0                                | 18.31           | 249.08      | 1,075.0               | -67.0        | -175.3       | 187.7                   | 0.00                    | 0.00                   | 0.00                  |
| 1,200.0                                | 18.31           | 249.08      | 1,169.9               | -78.3        | -204.7       | 219.1                   | 0.00                    | 0.00                   | 0.00                  |
| 1,300.0                                | 18.31           | 249.08      | 1,264.9               | -89.5        | -234.0       | 250.5                   | 0.00                    | 0.00                   | 0.00                  |
| 1,400.0                                | 18.31           | 249.08      | 1,359.8               | -100.7       | -263.4       | 282.0                   | 0.00                    | 0.00                   | 0.00                  |
| 1,500.0                                | 18.31           | 249.08      | 1,454.7               | -111.9       | -292.7       | 313.4                   | 0.00                    | 0.00                   | 0.00                  |
| 1,600.0                                | 18.31           | 249.08      | 1,549.7               | -123.1       | -322.1       | 344.8                   | 0.00                    | 0.00                   | 0.00                  |
| 1,700.0                                | 18.31           | 249.08      | 1,644.6               | -134.4       | -351.4       | 376.2                   | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0                                | 18.31           | 249.08      | 1,739.6               | -145.6       | -380.7       | 407.6                   | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0                                | 18.31           | 249.08      | 1,834.5               | -156.8       | -410.1       | 439.0                   | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0                                | 18.31           | 249.08      | 1,929.4               | -168.0       | -439.4       | 470.5                   | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0                                | 18.31           | 249.08      | 2,024.4               | -179.2       | -468.8       | 501.9                   | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0                                | 18.31           | 249.08      | 2,119.3               | -190.5       | -498.1       | 533.3                   | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0                                | 18.31           | 249.08      | 2,214.2               | -201.7       | -527.5       | 564.7                   | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0                                | 18.31           | 249.08      | 2,309.2               | -212.9       | -556.8       | 596.1                   | 0.00                    | 0.00                   | 0.00                  |
| 2,500.0                                | 18.31           | 249.08      | 2,404.1               | -224.1       | -586.2       | 627.6                   | 0.00                    | 0.00                   | 0.00                  |
| <b>Wasatch</b>                         |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,598.9                                | 18.31           | 249.08      | 2,498.0               | -235.2       | -615.2       | 658.6                   | 0.00                    | 0.00                   | 0.00                  |
| 2,600.0                                | 18.31           | 249.08      | 2,499.0               | -235.3       | -615.5       | 659.0                   | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0                                | 18.31           | 249.08      | 2,594.0               | -246.6       | -644.9       | 690.4                   | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0                                | 18.31           | 249.08      | 2,688.9               | -257.8       | -674.2       | 721.8                   | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0                                | 18.31           | 249.08      | 2,783.9               | -269.0       | -703.5       | 753.2                   | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0                                | 18.31           | 249.08      | 2,878.8               | -280.2       | -732.9       | 784.6                   | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0                                | 18.31           | 249.08      | 2,973.7               | -291.4       | -762.2       | 816.1                   | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0                                | 18.31           | 249.08      | 3,068.7               | -302.7       | -791.6       | 847.5                   | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0                                | 18.31           | 249.08      | 3,163.6               | -313.9       | -820.9       | 878.9                   | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0                                | 18.31           | 249.08      | 3,258.5               | -325.1       | -850.3       | 910.3                   | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0                                | 18.31           | 249.08      | 3,353.5               | -336.3       | -879.6       | 941.7                   | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0                                | 18.31           | 249.08      | 3,448.4               | -347.6       | -909.0       | 973.1                   | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0                                | 18.31           | 249.08      | 3,543.3               | -358.8       | -938.3       | 1,004.6                 | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0                                | 18.31           | 249.08      | 3,638.3               | -370.0       | -967.7       | 1,036.0                 | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0                                | 18.31           | 249.08      | 3,733.2               | -381.2       | -997.0       | 1,067.4                 | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0                                | 18.31           | 249.08      | 3,828.2               | -392.4       | -1,026.4     | 1,098.8                 | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0                                | 18.31           | 249.08      | 3,923.1               | -403.7       | -1,055.7     | 1,130.2                 | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0                                | 18.31           | 249.08      | 4,018.0               | -414.9       | -1,085.0     | 1,161.7                 | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0                                | 18.31           | 249.08      | 4,113.0               | -426.1       | -1,114.4     | 1,193.1                 | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0                                | 18.31           | 249.08      | 4,207.9               | -437.3       | -1,143.7     | 1,224.5                 | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0                                | 18.31           | 249.08      | 4,302.8               | -448.5       | -1,173.1     | 1,255.9                 | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0                                | 18.31           | 249.08      | 4,397.8               | -459.8       | -1,202.4     | 1,287.3                 | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0                                | 18.31           | 249.08      | 4,492.7               | -471.0       | -1,231.8     | 1,318.7                 | 0.00                    | 0.00                   | 0.00                  |

|                  |                           |                                     |   |
|------------------|---------------------------|-------------------------------------|---|
| <b>Database:</b> | EDM 5000.1 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BJU G35 FED 13D-35 496 - Slot BJU G35 FED 13D-35 496 |
| <b>Company:</b>  | Caerus Oil & Gas          | <b>TVD Reference:</b>               | RKB @ 8194.0usft (H&P#329)                                |
| <b>Project:</b>  | Garfield County, CO       | <b>MD Reference:</b>                | RKB @ 8194.0usft (H&P#329)                                |
| <b>Site:</b>     | NPM G35 496 Pad           | <b>North Reference:</b>             | True  |
| <b>Well:</b>     | BJU G35 FED 13D-35 496    | <b>Survey Calculation Method:</b>   | Minimum Curvature   |
| <b>Wellbore:</b> | Wellbore #1               |                                     |   |
| <b>Design:</b>   | Design #1                 |                                     |   |

| Planned Survey   |                 |             |                       |              |              |                         |                         |                        |                       |
|--|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)  | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 4,800.0  | 18.31           | 249.08      | 4,587.6               | -482.2       | -1,261.1     | 1,350.2                 | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0  | 18.31           | 249.08      | 4,682.6               | -493.4       | -1,290.5     | 1,381.6                 | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0  | 18.31           | 249.08      | 4,777.5               | -504.6       | -1,319.8     | 1,413.0                 | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0  | 18.31           | 249.08      | 4,872.5               | -515.9       | -1,349.2     | 1,444.4                 | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0  | 18.31           | 249.08      | 4,967.4               | -527.1       | -1,378.5     | 1,475.8                 | 0.00                    | 0.00                   | 0.00                  |
| 5,300.0  | 18.31           | 249.08      | 5,062.3               | -538.3       | -1,407.9     | 1,507.3                 | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0  | 18.31           | 249.08      | 5,157.3               | -549.5       | -1,437.2     | 1,538.7                 | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0  | 18.31           | 249.08      | 5,252.2               | -560.7       | -1,466.5     | 1,570.1                 | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0  | 18.31           | 249.08      | 5,347.1               | -572.0       | -1,495.9     | 1,601.5                 | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0  | 18.31           | 249.08      | 5,442.1               | -583.2       | -1,525.2     | 1,632.9                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Wasatch G</b>   |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,758.9  | 18.31           | 249.08      | 5,498.0               | -589.8       | -1,542.5     | 1,651.4                 | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0  | 18.31           | 249.08      | 5,537.0               | -594.4       | -1,554.6     | 1,664.3                 | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0  | 18.31           | 249.08      | 5,631.9               | -605.6       | -1,583.9     | 1,695.8                 | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0  | 18.31           | 249.08      | 5,726.9               | -616.8       | -1,613.3     | 1,727.2                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Fort Union</b>  |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,071.8  | 18.31           | 249.08      | 5,795.0               | -624.9       | -1,634.3     | 1,749.7                 | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0  | 18.31           | 249.08      | 5,821.8               | -628.1       | -1,642.6     | 1,758.6                 | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0  | 18.31           | 249.08      | 5,916.8               | -639.3       | -1,672.0     | 1,790.0                 | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0  | 18.31           | 249.08      | 6,011.7               | -650.5       | -1,701.3     | 1,821.4                 | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0  | 18.31           | 249.08      | 6,106.6               | -661.7       | -1,730.7     | 1,852.9                 | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0  | 18.31           | 249.08      | 6,201.6               | -672.9       | -1,760.0     | 1,884.3                 | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0  | 18.31           | 249.08      | 6,296.5               | -684.2       | -1,789.3     | 1,915.7                 | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0  | 18.31           | 249.08      | 6,391.4               | -695.4       | -1,818.7     | 1,947.1                 | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0  | 18.31           | 249.08      | 6,486.4               | -706.6       | -1,848.0     | 1,978.5                 | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0  | 18.31           | 249.08      | 6,581.3               | -717.8       | -1,877.4     | 2,009.9                 | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0  | 18.31           | 249.08      | 6,676.2               | -729.1       | -1,906.7     | 2,041.4                 | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0  | 18.31           | 249.08      | 6,771.2               | -740.3       | -1,936.1     | 2,072.8                 | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0  | 18.31           | 249.08      | 6,866.1               | -751.5       | -1,965.4     | 2,104.2                 | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0  | 18.31           | 249.08      | 6,961.1               | -762.7       | -1,994.8     | 2,135.6                 | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0  | 18.31           | 249.08      | 7,056.0               | -773.9       | -2,024.1     | 2,167.0                 | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0  | 18.31           | 249.08      | 7,150.9               | -785.2       | -2,053.5     | 2,198.4                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Drop 3° /100'</b>   |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,544.3  | 18.31           | 249.08      | 7,193.0               | -790.1       | -2,066.5     | 2,212.4                 | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0  | 16.64           | 249.08      | 7,246.1               | -796.1       | -2,082.1     | 2,229.1                 | 3.00                    | -3.00                  | 0.00                  |
| 7,700.0  | 13.64           | 249.08      | 7,342.6               | -805.4       | -2,106.5     | 2,255.2                 | 3.00                    | -3.00                  | 0.00                  |
| 7,800.0  | 10.64           | 249.08      | 7,440.4               | -812.9       | -2,126.1     | 2,276.2                 | 3.00                    | -3.00                  | 0.00                  |
| 7,900.0  | 7.64            | 249.08      | 7,539.1               | -818.6       | -2,141.0     | 2,292.1                 | 3.00                    | -3.00                  | 0.00                  |
| 8,000.0  | 4.64            | 249.08      | 7,638.5               | -822.4       | -2,150.9     | 2,302.8                 | 3.00                    | -3.00                  | 0.00                  |
| 8,100.0  | 1.64            | 249.08      | 7,738.4               | -824.4       | -2,156.1     | 2,308.3                 | 3.00                    | -3.00                  | 0.00                  |
| <b>EOD @ Vertical / Build 1.5° / 100' - Ohio Creek - TOG</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,154.7  | 0.00            | 0.00        | 7,793.0               | -824.7       | -2,156.8     | 2,309.1                 | 3.00                    | -3.00                  | 0.00                  |
| 8,200.0  | 0.68            | 250.17      | 7,838.3               | -824.8       | -2,157.0     | 2,309.3                 | 1.50                    | 1.50                   | 0.00                  |
| <b>EOB @ 1.54° Inc. / 250.17° Azm</b>                        |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,257.3  | 1.54            | 250.17      | 7,895.6               | -825.1       | -2,158.1     | 2,310.4                 | 1.50                    | 1.50                   | 0.00                  |
| 8,300.0  | 1.54            | 250.17      | 7,938.3               | -825.5       | -2,159.2     | 2,311.6                 | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0  | 1.54            | 250.17      | 8,038.3               | -826.4       | -2,161.7     | 2,314.3                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Williams Fork</b>   |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,406.7  | 1.54            | 250.17      | 8,045.0               | -826.5       | -2,161.9     | 2,314.5                 | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0  | 1.54            | 250.17      | 8,138.2               | -827.3       | -2,164.2     | 2,317.0                 | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0  | 1.54            | 250.17      | 8,238.2               | -828.3       | -2,166.7     | 2,319.6                 | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0  | 1.54            | 250.17      | 8,338.2               | -829.2       | -2,169.3     | 2,322.3                 | 0.00                    | 0.00                   | 0.00                  |

|                  |                           |                                     |   |
|------------------|---------------------------|-------------------------------------|---|
| <b>Database:</b> | EDM 5000.1 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BJU G35 FED 13D-35 496 - Slot BJU G35 FED 13D-35 496 |
| <b>Company:</b>  | Caerus Oil & Gas          | <b>TVD Reference:</b>               | RKB @ 8194.0usft (H&P#329)                                |
| <b>Project:</b>  | Garfield County, CO       | <b>MD Reference:</b>                | RKB @ 8194.0usft (H&P#329)                                |
| <b>Site:</b>     | NPM G35 496 Pad           | <b>North Reference:</b>             | True  |
| <b>Well:</b>     | BJU G35 FED 13D-35 496    | <b>Survey Calculation Method:</b>   | Minimum Curvature   |
| <b>Wellbore:</b> | Wellbore #1               |                                     |   |
| <b>Design:</b>   | Design #1                 |                                     |   |

| Planned Survey                         |                 |             |                       |              |              |                         |                         |                        |                       |
|--|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)                  | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 8,800.0                                | 1.54            | 250.17      | 8,438.1               | -830.1       | -2,171.8     | 2,325.0                 | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0                                | 1.54            | 250.17      | 8,538.1               | -831.0       | -2,174.3     | 2,327.7                 | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0                                | 1.54            | 250.17      | 8,638.1               | -831.9       | -2,176.8     | 2,330.4                 | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0                                | 1.54            | 250.17      | 8,738.0               | -832.8       | -2,179.4     | 2,333.1                 | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0                                | 1.54            | 250.17      | 8,838.0               | -833.7       | -2,181.9     | 2,335.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0                                | 1.54            | 250.17      | 8,938.0               | -834.6       | -2,184.4     | 2,338.4                 | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0                                | 1.54            | 250.17      | 9,037.9               | -835.5       | -2,187.0     | 2,341.1                 | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0                                | 1.54            | 250.17      | 9,137.9               | -836.5       | -2,189.5     | 2,343.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0                                | 1.54            | 250.17      | 9,237.8               | -837.4       | -2,192.0     | 2,346.5                 | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0                                | 1.54            | 250.17      | 9,337.8               | -838.3       | -2,194.5     | 2,349.2                 | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0                                | 1.54            | 250.17      | 9,437.8               | -839.2       | -2,197.1     | 2,351.9                 | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0                                | 1.54            | 250.17      | 9,537.7               | -840.1       | -2,199.6     | 2,354.6                 | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0                               | 1.54            | 250.17      | 9,637.7               | -841.0       | -2,202.1     | 2,357.2                 | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0                               | 1.54            | 250.17      | 9,737.7               | -841.9       | -2,204.6     | 2,359.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0                               | 1.54            | 250.17      | 9,837.6               | -842.8       | -2,207.2     | 2,362.6                 | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0                               | 1.54            | 250.17      | 9,937.6               | -843.7       | -2,209.7     | 2,365.3                 | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0                               | 1.54            | 250.17      | 10,037.6              | -844.7       | -2,212.2     | 2,368.0                 | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0                               | 1.54            | 250.17      | 10,137.5              | -845.6       | -2,214.7     | 2,370.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0                               | 1.54            | 250.17      | 10,237.5              | -846.5       | -2,217.3     | 2,373.4                 | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0                               | 1.54            | 250.17      | 10,337.5              | -847.4       | -2,219.8     | 2,376.0                 | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0                               | 1.54            | 250.17      | 10,437.4              | -848.3       | -2,222.3     | 2,378.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0                               | 1.54            | 250.17      | 10,537.4              | -849.2       | -2,224.8     | 2,381.4                 | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0                               | 1.54            | 250.17      | 10,637.3              | -850.1       | -2,227.4     | 2,384.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0                               | 1.54            | 250.17      | 10,737.3              | -851.0       | -2,229.9     | 2,386.8                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Cameo</b>                           |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,129.7                               | 1.54            | 250.17      | 10,767.0              | -851.3       | -2,230.7     | 2,387.6                 | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0                               | 1.54            | 250.17      | 10,837.3              | -851.9       | -2,232.4     | 2,389.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0                               | 1.54            | 250.17      | 10,937.2              | -852.9       | -2,235.0     | 2,392.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0                               | 1.54            | 250.17      | 11,037.2              | -853.8       | -2,237.5     | 2,394.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0                               | 1.54            | 250.17      | 11,137.2              | -854.7       | -2,240.0     | 2,397.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0                               | 1.54            | 250.17      | 11,237.1              | -855.6       | -2,242.5     | 2,400.2                 | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0                               | 1.54            | 250.17      | 11,337.1              | -856.5       | -2,245.1     | 2,402.9                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Rollins</b>                         |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,725.9                               | 1.54            | 250.17      | 11,363.0              | -856.7       | -2,245.7     | 2,403.6                 | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0                               | 1.54            | 250.17      | 11,437.1              | -857.4       | -2,247.6     | 2,405.6                 | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0                               | 1.54            | 250.17      | 11,537.0              | -858.3       | -2,250.1     | 2,408.3                 | 0.00                    | 0.00                   | 0.00                  |
| <b>TD @ 11926.0' MD / 11563.0' TVD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,926.0                               | 1.54            | 250.17      | 11,563.0              | -858.6       | -2,250.8     | 2,409.0                 | 0.00                    | 0.00                   | 0.00                  |

| Design Targets  |               |              |            |              |              |                 |                |           |             |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|
| Target Name   | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude  | Longitude   |
| OHCR - BJ G35 13D-<br>- hit/miss target<br>- Shape<br>- Point                                   | 0.00          | 0.00         | 7,793.0    | -824.7       | -2,156.8     | 14,414,409.38   | 2,444,913.75   | 39.658228 | -108.141816 |
| PBHL - BJ G35 13D-<br>- plan hits target center<br>- Ellipse (radii L100.0 W50.0 on 250.00 azi) | 0.00          | 0.00         | 11,563.0   | -858.6       | -2,250.8     | 14,414,372.50   | 2,444,820.90   | 39.658135 | -108.142149 |

|                  |                           |                                     |   |
|------------------|---------------------------|-------------------------------------|---|
| <b>Database:</b> | EDM 5000.1 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BJU G35 FED 13D-35 496 - Slot BJU G35 FED 13D-35 496 |
| <b>Company:</b>  | Caerus Oil & Gas          | <b>TVD Reference:</b>               | RKB @ 8194.0usft (H&P#329)                                |
| <b>Project:</b>  | Garfield County, CO       | <b>MD Reference:</b>                | RKB @ 8194.0usft (H&P#329)                                |
| <b>Site:</b>     | NPM G35 496 Pad           | <b>North Reference:</b>             | True  |
| <b>Well:</b>     | BJU G35 FED 13D-35 496    | <b>Survey Calculation Method:</b>   | Minimum Curvature   |
| <b>Wellbore:</b> | Wellbore #1               |                                     |   |
| <b>Design:</b>   | Design #1                 |                                     |   |

| Formations            |                       |               |           |         |                   |  |
|-----------------------|-----------------------|---------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name          | Lithology | Dip (°) | Dip Direction (°) |  |
| 2,598.9               | 2,498.0               | Wasatch       |           |         |                   |  |
| 5,758.9               | 5,498.0               | Wasatch G     |           |         |                   |  |
| 6,071.8               | 5,795.0               | Fort Union    |           |         |                   |  |
| 8,154.7               | 7,793.0               | Ohio Creek    |           |         |                   |  |
| 8,154.7               | 7,793.0               | TOG           |           |         |                   |  |
| 8,406.7               | 8,045.0               | Williams Fork |           |         |                   |  |
| 11,129.7              | 10,767.0              | Cameo         |           |         |                   |  |
| 11,725.9              | 11,363.0              | Rollins       |           |         |                   |  |

| Plan Annotations      |                       |                   |              |                                    |  |
|-----------------------|-----------------------|-------------------|--------------|------------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                                    |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment                            |  |
| 200.0                 | 200.0                 | 0.0               | 0.0          | Build 3° / 100'                    |  |
| 810.4                 | 800.0                 | -34.5             | -90.3        | EOB @ 18.31° Inc. / 249.08° Azm    |  |
| 7,544.3               | 7,193.0               | -790.1            | -2,066.5     | Drop 3° / 100'                     |  |
| 8,154.7               | 7,793.0               | -824.7            | -2,156.8     | EOD @ Vertical / Build 1.5° / 100' |  |
| 8,257.3               | 7,895.6               | -825.1            | -2,158.1     | EOB @ 1.54° Inc. / 250.17° Azm     |  |
| 11,926.0              | 11,563.0              | -858.6            | -2,250.8     | TD @ 11926.0' MD / 11563.0' TVD    |  |