

Project: Rio Blanco County, CO
 Site: ELU A18 495 Pad
 Well: ELU A18 FED 13D-7 495
 Wellbore: Wellbore #1
 Design: Design #5
 Latitude: 39.709104
 Longitude: -108.104288
 Ground Level: 8029.0
 RKB @ 8059.0usft (30')

PROJECT DETAILS: Rio Blanco 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

REFERENCE INFORMATION

Vertical (TVD) Reference: RKB @ 8059.0usft (30')
 Section (VS) Reference: Slot - 13D-7(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8059.0usft (30')
 Calculation Method: Minimum Curvature

SECTION DETAILS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VFace | Annotation |
|---------|-------|--------|---------|--------|--------|------|--------|--------|------------------------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 325.0 | 0.00 | 0.00 | 325.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | Build 3° / 100' |
| 879.0 | 16.62 | 348.64 | 871.3 | 78.2 | -15.7 | 3.00 | 348.64 | 79.7 | EOB @ 16.62° Inc. / 348.64° Azm |
| 8556.2 | 16.62 | 348.64 | 8227.7 | 2231.1 | -448.4 | 0.00 | 0.00 | 2273.9 | Drop 3° / 100' |
| 9110.2 | 0.00 | 0.00 | 8774.0 | 2309.4 | -464.1 | 3.00 | 180.00 | 2353.6 | EOD @ Vertical / Build 1.5° / 100' |
| 9192.7 | 1.24 | 240.00 | 8856.5 | 2308.9 | -464.9 | 1.50 | 240.00 | 2353.3 | EOB @ 1.24° Inc. / 240.00° Azm |
| 13782.3 | 1.24 | 240.00 | 13445.0 | 2259.4 | -550.7 | 0.00 | 0.00 | 2325.5 | TD @ 13782.3' MD / 13445.0' TVD |

FORMATION TOP DETAILS

| TVDPPath | MDPath | Formation |
|----------|---------|---------------|
| 3494.0 | 3616.1 | Wasatch |
| 6595.0 | 6852.3 | Wasatch G |
| 6895.0 | 7165.4 | Fort Union |
| 8774.0 | 9110.2 | Ohio Creek |
| 9371.0 | 9707.4 | Williams Fork |
| 12517.0 | 12854.1 | Cameo |
| 13145.0 | 13482.2 | Rollins |

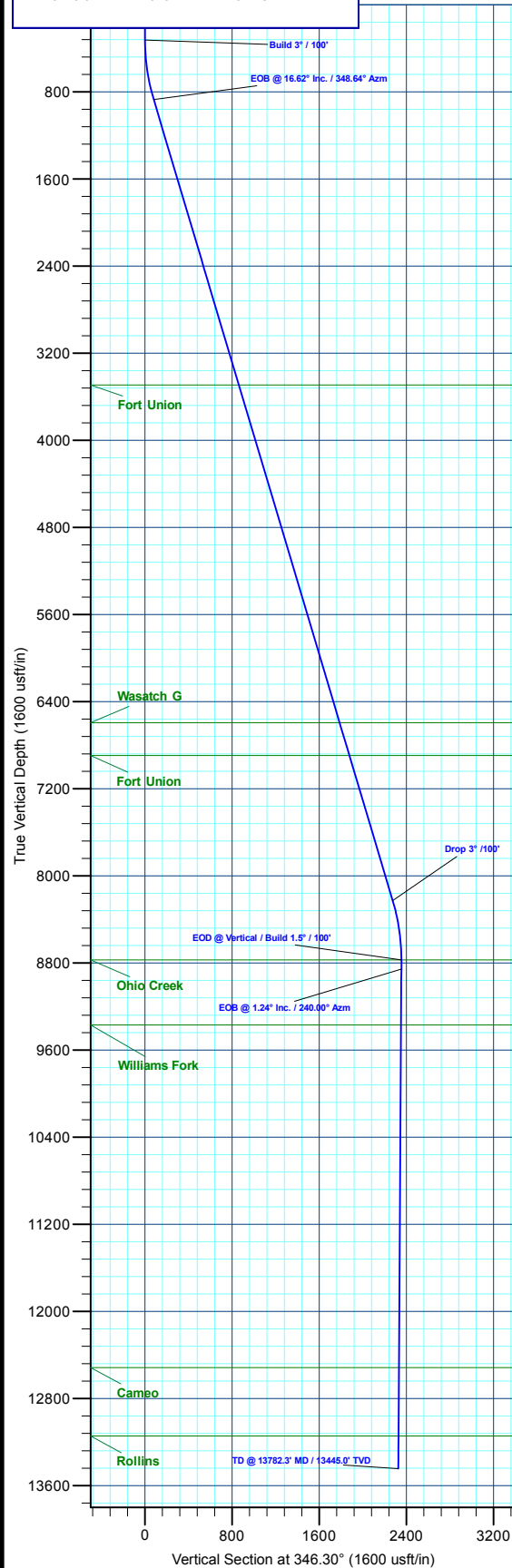
DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|--------------|---------|--------|--------|-------------|------------|-----------|-------------|
| 13D-7 - OHCR | 8774.0 | 2309.4 | -464.1 | 14435570.47 | 2454341.44 | 39.715441 | -108.105937 |
| 13D-7 - PBHL | 13445.0 | 2259.4 | -550.7 | 14435517.70 | 2454256.50 | 39.715304 | -108.106245 |

WELL DETAILS: ELU A18 FED 13D-7 495

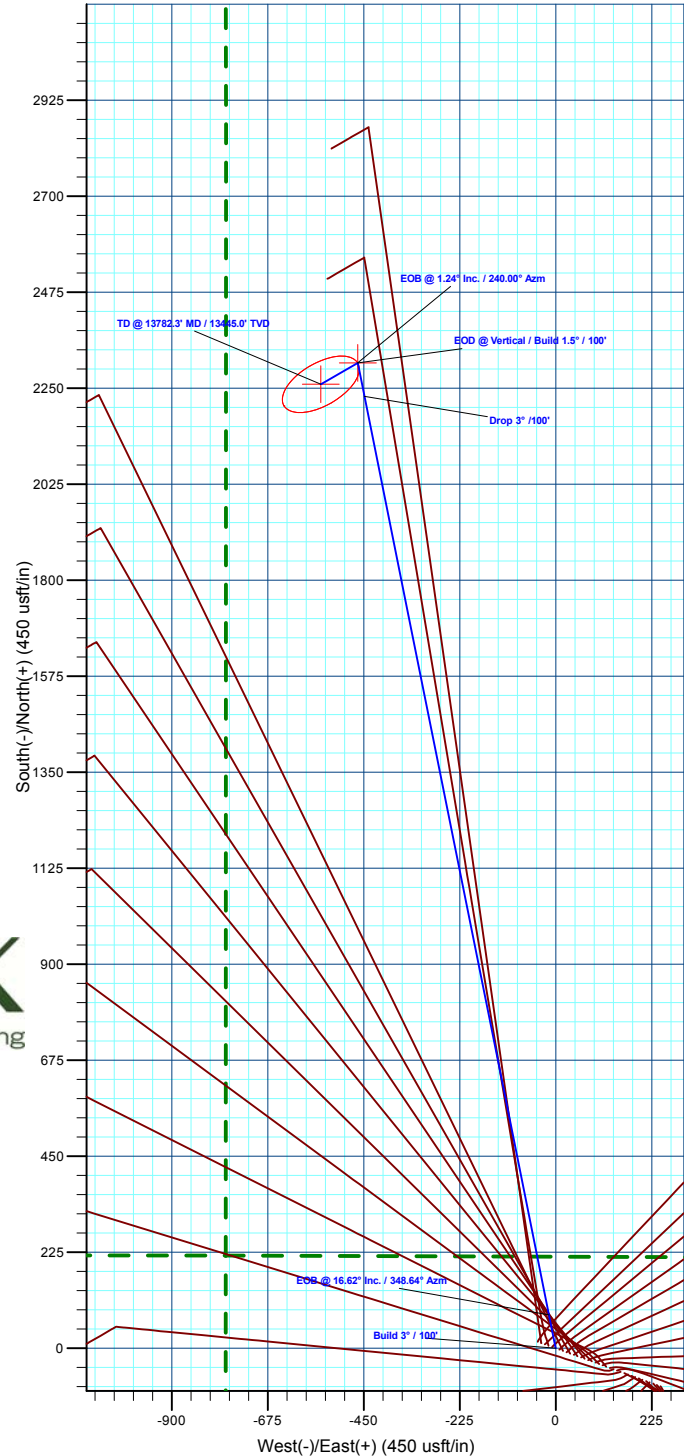
| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|-------|-------|-------------|------------|-----------|-------------|
| 0.0 | 0.0 | 14433277.30 | 2454879.90 | 39.709104 | -108.104288 |

Ground Level : 8029.0



T M Azimuths to True North
 Magnetic North: 9.42°

Magnetic Field
 Strength: 51156.9nT
 Dip Angle: 65.82°
 Date: 8/17/2020
 Model: HDGM2020



Plan: Design #5 (ELU A18 FED 13D-7 495/Wellbore #1)

Created By: Will Jircik Date: 4:01, October 05 2023



Caerus Oil & Gas

Rio Blanco County, CO

ELU A18 495 Pad

ELU A18 FED 13D-7 495 - Slot 13D-7

Wellbore #1

Plan: Design #5

KLX Well Planning Report

04 October, 2023



| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU A18 FED 13D-7 495 - Slot 13D-7 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8059.0usft (30') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8059.0usft (30') |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 13D-7 495 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #5 | | |

| | | | |
|--------------------|--|----------------------|----------------|
| Project | Rio Blanco County, CO | | |
| Map System: | Universal Transverse Mercator (US Survey Fee | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 - Western US | | |
| Map Zone: | Zone 12N (114 W to 108 W) | | |

| | | | | | |
|------------------------------|-----------------|---------------------|--------------------|--------------------------|-------------|
| Site | ELU A18 495 Pad | | | | |
| Site Position: | | Northing: | 14,433,279.80 usft | Latitude: | 39.709109 |
| From: | Map | Easting: | 2,454,904.40 usft | Longitude: | -108.104201 |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 1.85 ° |

| | | | | | | |
|-----------------------------|------------------------------------|------------|----------------------------|--------------------|----------------------|--------------|
| Well | ELU A18 FED 13D-7 495 - Slot 13D-7 | | | | | |
| Well Position | +N/-S | -1.7 usft | Northing: | 14,433,277.30 usft | Latitude: | 39.709104 |
| | +E/-W | -24.6 usft | Easting: | 2,454,879.90 usft | Longitude: | -108.104288 |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | | Ground Level: | 8,029.0 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM2020 | 8/17/2020 | 9.42 | 65.82 | 51,156.90000000 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Design #5 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 346.30 |

| Plan Sections | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|--------------|
| 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 |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 325.0 | 0.00 | 0.00 | 325.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 879.0 | 16.62 | 348.64 | 871.3 | 78.2 | -15.7 | 3.00 | 3.00 | 0.00 | 348.64 | |
| 8,556.2 | 16.62 | 348.64 | 8,227.7 | 2,231.1 | -448.4 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 9,110.2 | 0.00 | 0.00 | 8,774.0 | 2,309.4 | -464.1 | 3.00 | -3.00 | 0.00 | 180.00 | 13D-7 - OHCR |
| 9,192.7 | 1.24 | 240.00 | 8,856.5 | 2,308.9 | -464.9 | 1.50 | 1.50 | -145.47 | 240.00 | |
| 13,782.3 | 1.24 | 240.00 | 13,445.0 | 2,259.4 | -550.7 | 0.00 | 0.00 | 0.00 | 0.00 | 13D-7 - PBHL |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU A18 FED 13D-7 495 - Slot 13D-7 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8059.0usft (30') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8059.0usft (30') |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 13D-7 495 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #5 | | |

| 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 |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Build 3° / 100' | | | | | | | | | |
| 325.0 | 0.00 | 0.00 | 325.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 2.25 | 348.64 | 400.0 | 1.4 | -0.3 | 1.5 | 3.00 | 3.00 | 0.00 |
| 500.0 | 5.25 | 348.64 | 499.8 | 7.9 | -1.6 | 8.0 | 3.00 | 3.00 | 0.00 |
| 600.0 | 8.25 | 348.64 | 599.1 | 19.4 | -3.9 | 19.7 | 3.00 | 3.00 | 0.00 |
| 700.0 | 11.25 | 348.64 | 697.6 | 36.0 | -7.2 | 36.7 | 3.00 | 3.00 | 0.00 |
| 800.0 | 14.25 | 348.64 | 795.1 | 57.6 | -11.6 | 58.7 | 3.00 | 3.00 | 0.00 |
| EOB @ 16.62° Inc. / 348.64° Azm | | | | | | | | | |
| 879.0 | 16.62 | 348.64 | 871.3 | 78.2 | -15.7 | 79.7 | 3.00 | 3.00 | 0.00 |
| 900.0 | 16.62 | 348.64 | 891.4 | 84.1 | -16.9 | 85.7 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 16.62 | 348.64 | 987.2 | 112.2 | -22.5 | 114.3 | 0.00 | 0.00 | 0.00 |
| 1,100.0 | 16.62 | 348.64 | 1,083.0 | 140.2 | -28.2 | 142.9 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 16.62 | 348.64 | 1,178.9 | 168.2 | -33.8 | 171.5 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 16.62 | 348.64 | 1,274.7 | 196.3 | -39.4 | 200.0 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 16.62 | 348.64 | 1,370.5 | 224.3 | -45.1 | 228.6 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 16.62 | 348.64 | 1,466.3 | 252.4 | -50.7 | 257.2 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 16.62 | 348.64 | 1,562.1 | 280.4 | -56.4 | 285.8 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 16.62 | 348.64 | 1,658.0 | 308.5 | -62.0 | 314.4 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 16.62 | 348.64 | 1,753.8 | 336.5 | -67.6 | 342.9 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 16.62 | 348.64 | 1,849.6 | 364.5 | -73.3 | 371.5 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 16.62 | 348.64 | 1,945.4 | 392.6 | -78.9 | 400.1 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 16.62 | 348.64 | 2,041.2 | 420.6 | -84.5 | 428.7 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 16.62 | 348.64 | 2,137.1 | 448.7 | -90.2 | 457.3 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 16.62 | 348.64 | 2,232.9 | 476.7 | -95.8 | 485.8 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 16.62 | 348.64 | 2,328.7 | 504.8 | -101.4 | 514.4 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 16.62 | 348.64 | 2,424.5 | 532.8 | -107.1 | 543.0 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 16.62 | 348.64 | 2,520.4 | 560.8 | -112.7 | 571.6 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 16.62 | 348.64 | 2,616.2 | 588.9 | -118.3 | 600.2 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 16.62 | 348.64 | 2,712.0 | 616.9 | -124.0 | 628.7 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 16.62 | 348.64 | 2,807.8 | 645.0 | -129.6 | 657.3 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 16.62 | 348.64 | 2,903.6 | 673.0 | -135.3 | 685.9 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 16.62 | 348.64 | 2,999.5 | 701.1 | -140.9 | 714.5 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 16.62 | 348.64 | 3,095.3 | 729.1 | -146.5 | 743.1 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 16.62 | 348.64 | 3,191.1 | 757.1 | -152.2 | 771.6 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 16.62 | 348.64 | 3,286.9 | 785.2 | -157.8 | 800.2 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 16.62 | 348.64 | 3,382.8 | 813.2 | -163.4 | 828.8 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 16.62 | 348.64 | 3,478.6 | 841.3 | -169.1 | 857.4 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 3,616.1 | 16.62 | 348.64 | 3,494.0 | 845.8 | -170.0 | 862.0 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 16.62 | 348.64 | 3,574.4 | 869.3 | -174.7 | 886.0 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 16.62 | 348.64 | 3,670.2 | 897.4 | -180.3 | 914.5 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 16.62 | 348.64 | 3,766.0 | 925.4 | -186.0 | 943.1 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 16.62 | 348.64 | 3,861.9 | 953.4 | -191.6 | 971.7 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 16.62 | 348.64 | 3,957.7 | 981.5 | -197.2 | 1,000.3 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 16.62 | 348.64 | 4,053.5 | 1,009.5 | -202.9 | 1,028.9 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 16.62 | 348.64 | 4,149.3 | 1,037.6 | -208.5 | 1,057.4 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 16.62 | 348.64 | 4,245.2 | 1,065.6 | -214.2 | 1,086.0 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 16.62 | 348.64 | 4,341.0 | 1,093.7 | -219.8 | 1,114.6 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 16.62 | 348.64 | 4,436.8 | 1,121.7 | -225.4 | 1,143.2 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU A18 FED 13D-7 495 - Slot 13D-7 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8059.0usft (30') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8059.0usft (30') |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 13D-7 495 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #5 | | |

| 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) | |
| 4,700.0 | 16.62 | 348.64 | 4,532.6 | 1,149.7 | -231.1 | 1,171.8 | 0.00 | 0.00 | 0.00 | |
| 4,800.0 | 16.62 | 348.64 | 4,628.4 | 1,177.8 | -236.7 | 1,200.3 | 0.00 | 0.00 | 0.00 | |
| 4,900.0 | 16.62 | 348.64 | 4,724.3 | 1,205.8 | -242.3 | 1,228.9 | 0.00 | 0.00 | 0.00 | |
| 5,000.0 | 16.62 | 348.64 | 4,820.1 | 1,233.9 | -248.0 | 1,257.5 | 0.00 | 0.00 | 0.00 | |
| 5,100.0 | 16.62 | 348.64 | 4,915.9 | 1,261.9 | -253.6 | 1,286.1 | 0.00 | 0.00 | 0.00 | |
| 5,200.0 | 16.62 | 348.64 | 5,011.7 | 1,290.0 | -259.2 | 1,314.7 | 0.00 | 0.00 | 0.00 | |
| 5,300.0 | 16.62 | 348.64 | 5,107.5 | 1,318.0 | -264.9 | 1,343.2 | 0.00 | 0.00 | 0.00 | |
| 5,400.0 | 16.62 | 348.64 | 5,203.4 | 1,346.0 | -270.5 | 1,371.8 | 0.00 | 0.00 | 0.00 | |
| 5,500.0 | 16.62 | 348.64 | 5,299.2 | 1,374.1 | -276.1 | 1,400.4 | 0.00 | 0.00 | 0.00 | |
| 5,600.0 | 16.62 | 348.64 | 5,395.0 | 1,402.1 | -281.8 | 1,429.0 | 0.00 | 0.00 | 0.00 | |
| 5,700.0 | 16.62 | 348.64 | 5,490.8 | 1,430.2 | -287.4 | 1,457.6 | 0.00 | 0.00 | 0.00 | |
| 5,800.0 | 16.62 | 348.64 | 5,586.7 | 1,458.2 | -293.0 | 1,486.1 | 0.00 | 0.00 | 0.00 | |
| 5,900.0 | 16.62 | 348.64 | 5,682.5 | 1,486.3 | -298.7 | 1,514.7 | 0.00 | 0.00 | 0.00 | |
| 6,000.0 | 16.62 | 348.64 | 5,778.3 | 1,514.3 | -304.3 | 1,543.3 | 0.00 | 0.00 | 0.00 | |
| 6,100.0 | 16.62 | 348.64 | 5,874.1 | 1,542.3 | -310.0 | 1,571.9 | 0.00 | 0.00 | 0.00 | |
| 6,200.0 | 16.62 | 348.64 | 5,969.9 | 1,570.4 | -315.6 | 1,600.5 | 0.00 | 0.00 | 0.00 | |
| 6,300.0 | 16.62 | 348.64 | 6,065.8 | 1,598.4 | -321.2 | 1,629.0 | 0.00 | 0.00 | 0.00 | |
| 6,400.0 | 16.62 | 348.64 | 6,161.6 | 1,626.5 | -326.9 | 1,657.6 | 0.00 | 0.00 | 0.00 | |
| 6,500.0 | 16.62 | 348.64 | 6,257.4 | 1,654.5 | -332.5 | 1,686.2 | 0.00 | 0.00 | 0.00 | |
| 6,600.0 | 16.62 | 348.64 | 6,353.2 | 1,682.6 | -338.1 | 1,714.8 | 0.00 | 0.00 | 0.00 | |
| 6,700.0 | 16.62 | 348.64 | 6,449.1 | 1,710.6 | -343.8 | 1,743.4 | 0.00 | 0.00 | 0.00 | |
| 6,800.0 | 16.62 | 348.64 | 6,544.9 | 1,738.6 | -349.4 | 1,771.9 | 0.00 | 0.00 | 0.00 | |
| Wasatch G | | | | | | | | | | |
| 6,852.3 | 16.62 | 348.64 | 6,595.0 | 1,753.3 | -352.4 | 1,786.9 | 0.00 | 0.00 | 0.00 | |
| 6,900.0 | 16.62 | 348.64 | 6,640.7 | 1,766.7 | -355.0 | 1,800.5 | 0.00 | 0.00 | 0.00 | |
| 7,000.0 | 16.62 | 348.64 | 6,736.5 | 1,794.7 | -360.7 | 1,829.1 | 0.00 | 0.00 | 0.00 | |
| 7,100.0 | 16.62 | 348.64 | 6,832.3 | 1,822.8 | -366.3 | 1,857.7 | 0.00 | 0.00 | 0.00 | |
| Fort Union | | | | | | | | | | |
| 7,165.4 | 16.62 | 348.64 | 6,895.0 | 1,841.1 | -370.0 | 1,876.4 | 0.00 | 0.00 | 0.00 | |
| 7,200.0 | 16.62 | 348.64 | 6,928.2 | 1,850.8 | -371.9 | 1,886.3 | 0.00 | 0.00 | 0.00 | |
| 7,300.0 | 16.62 | 348.64 | 7,024.0 | 1,878.9 | -377.6 | 1,914.8 | 0.00 | 0.00 | 0.00 | |
| 7,400.0 | 16.62 | 348.64 | 7,119.8 | 1,906.9 | -383.2 | 1,943.4 | 0.00 | 0.00 | 0.00 | |
| 7,500.0 | 16.62 | 348.64 | 7,215.6 | 1,934.9 | -388.9 | 1,972.0 | 0.00 | 0.00 | 0.00 | |
| 7,600.0 | 16.62 | 348.64 | 7,311.5 | 1,963.0 | -394.5 | 2,000.6 | 0.00 | 0.00 | 0.00 | |
| 7,700.0 | 16.62 | 348.64 | 7,407.3 | 1,991.0 | -400.1 | 2,029.2 | 0.00 | 0.00 | 0.00 | |
| 7,800.0 | 16.62 | 348.64 | 7,503.1 | 2,019.1 | -405.8 | 2,057.7 | 0.00 | 0.00 | 0.00 | |
| 7,900.0 | 16.62 | 348.64 | 7,598.9 | 2,047.1 | -411.4 | 2,086.3 | 0.00 | 0.00 | 0.00 | |
| 8,000.0 | 16.62 | 348.64 | 7,694.7 | 2,075.2 | -417.0 | 2,114.9 | 0.00 | 0.00 | 0.00 | |
| 8,100.0 | 16.62 | 348.64 | 7,790.6 | 2,103.2 | -422.7 | 2,143.5 | 0.00 | 0.00 | 0.00 | |
| 8,200.0 | 16.62 | 348.64 | 7,886.4 | 2,131.2 | -428.3 | 2,172.0 | 0.00 | 0.00 | 0.00 | |
| 8,300.0 | 16.62 | 348.64 | 7,982.2 | 2,159.3 | -433.9 | 2,200.6 | 0.00 | 0.00 | 0.00 | |
| 8,400.0 | 16.62 | 348.64 | 8,078.0 | 2,187.3 | -439.6 | 2,229.2 | 0.00 | 0.00 | 0.00 | |
| 8,500.0 | 16.62 | 348.64 | 8,173.9 | 2,215.4 | -445.2 | 2,257.8 | 0.00 | 0.00 | 0.00 | |
| Drop 3° /100' | | | | | | | | | | |
| 8,556.2 | 16.62 | 348.64 | 8,227.7 | 2,231.1 | -448.4 | 2,273.9 | 0.00 | 0.00 | 0.00 | |
| 8,600.0 | 15.31 | 348.64 | 8,269.8 | 2,242.9 | -450.8 | 2,285.9 | 3.00 | -3.00 | 0.00 | |
| 8,700.0 | 12.31 | 348.64 | 8,366.9 | 2,266.3 | -455.5 | 2,309.7 | 3.00 | -3.00 | 0.00 | |
| 8,800.0 | 9.31 | 348.64 | 8,465.1 | 2,284.7 | -459.1 | 2,328.5 | 3.00 | -3.00 | 0.00 | |
| 8,900.0 | 6.31 | 348.64 | 8,564.2 | 2,298.0 | -461.8 | 2,342.0 | 3.00 | -3.00 | 0.00 | |
| 9,000.0 | 3.31 | 348.64 | 8,663.8 | 2,306.2 | -463.5 | 2,350.4 | 3.00 | -3.00 | 0.00 | |
| 9,100.0 | 0.31 | 348.64 | 8,763.8 | 2,309.3 | -464.1 | 2,353.6 | 3.00 | -3.00 | 0.00 | |
| EOD @ Vertical / Build 1.5° / 100' - Ohio Creek | | | | | | | | | | |
| 9,110.2 | 0.00 | 0.00 | 8,774.0 | 2,309.4 | -464.1 | 2,353.6 | 3.00 | -3.00 | 0.00 | |
| EOB @ 1.24° Inc. / 240.00° Azm | | | | | | | | | | |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU A18 FED 13D-7 495 - Slot 13D-7 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8059.0usft (30') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8059.0usft (30') |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 13D-7 495 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #5 | | |

| 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) | |
| 9,192.7 | 1.24 | 240.00 | 8,856.5 | 2,308.9 | -464.9 | 2,353.3 | 1.50 | 1.50 | 0.00 | |
| 9,200.0 | 1.24 | 240.00 | 8,863.8 | 2,308.8 | -465.0 | 2,353.3 | 0.00 | 0.00 | 0.00 | |
| 9,300.0 | 1.24 | 240.00 | 8,963.7 | 2,307.8 | -466.9 | 2,352.7 | 0.00 | 0.00 | 0.00 | |
| 9,400.0 | 1.24 | 240.00 | 9,063.7 | 2,306.7 | -468.7 | 2,352.1 | 0.00 | 0.00 | 0.00 | |
| 9,500.0 | 1.24 | 240.00 | 9,163.7 | 2,305.6 | -470.6 | 2,351.5 | 0.00 | 0.00 | 0.00 | |
| 9,600.0 | 1.24 | 240.00 | 9,263.7 | 2,304.5 | -472.5 | 2,350.9 | 0.00 | 0.00 | 0.00 | |
| 9,700.0 | 1.24 | 240.00 | 9,363.6 | 2,303.4 | -474.4 | 2,350.3 | 0.00 | 0.00 | 0.00 | |
| Williams Fork | | | | | | | | | | |
| 9,707.4 | 1.24 | 240.00 | 9,371.0 | 2,303.4 | -474.5 | 2,350.2 | 0.00 | 0.00 | 0.00 | |
| 9,800.0 | 1.24 | 240.00 | 9,463.6 | 2,302.4 | -476.2 | 2,349.7 | 0.00 | 0.00 | 0.00 | |
| 9,900.0 | 1.24 | 240.00 | 9,563.6 | 2,301.3 | -478.1 | 2,349.0 | 0.00 | 0.00 | 0.00 | |
| 10,000.0 | 1.24 | 240.00 | 9,663.6 | 2,300.2 | -480.0 | 2,348.4 | 0.00 | 0.00 | 0.00 | |
| 10,100.0 | 1.24 | 240.00 | 9,763.5 | 2,299.1 | -481.8 | 2,347.8 | 0.00 | 0.00 | 0.00 | |
| 10,200.0 | 1.24 | 240.00 | 9,863.5 | 2,298.0 | -483.7 | 2,347.2 | 0.00 | 0.00 | 0.00 | |
| 10,300.0 | 1.24 | 240.00 | 9,963.5 | 2,297.0 | -485.6 | 2,346.6 | 0.00 | 0.00 | 0.00 | |
| 10,400.0 | 1.24 | 240.00 | 10,063.5 | 2,295.9 | -487.5 | 2,346.0 | 0.00 | 0.00 | 0.00 | |
| 10,500.0 | 1.24 | 240.00 | 10,163.5 | 2,294.8 | -489.3 | 2,345.4 | 0.00 | 0.00 | 0.00 | |
| 10,600.0 | 1.24 | 240.00 | 10,263.4 | 2,293.7 | -491.2 | 2,344.8 | 0.00 | 0.00 | 0.00 | |
| 10,700.0 | 1.24 | 240.00 | 10,363.4 | 2,292.6 | -493.1 | 2,344.2 | 0.00 | 0.00 | 0.00 | |
| 10,800.0 | 1.24 | 240.00 | 10,463.4 | 2,291.6 | -494.9 | 2,343.6 | 0.00 | 0.00 | 0.00 | |
| 10,900.0 | 1.24 | 240.00 | 10,563.4 | 2,290.5 | -496.8 | 2,343.0 | 0.00 | 0.00 | 0.00 | |
| 11,000.0 | 1.24 | 240.00 | 10,663.3 | 2,289.4 | -498.7 | 2,342.4 | 0.00 | 0.00 | 0.00 | |
| 11,100.0 | 1.24 | 240.00 | 10,763.3 | 2,288.3 | -500.5 | 2,341.8 | 0.00 | 0.00 | 0.00 | |
| 11,200.0 | 1.24 | 240.00 | 10,863.3 | 2,287.2 | -502.4 | 2,341.2 | 0.00 | 0.00 | 0.00 | |
| 11,300.0 | 1.24 | 240.00 | 10,963.3 | 2,286.2 | -504.3 | 2,340.6 | 0.00 | 0.00 | 0.00 | |
| 11,400.0 | 1.24 | 240.00 | 11,063.2 | 2,285.1 | -506.2 | 2,340.0 | 0.00 | 0.00 | 0.00 | |
| 11,500.0 | 1.24 | 240.00 | 11,163.2 | 2,284.0 | -508.0 | 2,339.3 | 0.00 | 0.00 | 0.00 | |
| 11,600.0 | 1.24 | 240.00 | 11,263.2 | 2,282.9 | -509.9 | 2,338.7 | 0.00 | 0.00 | 0.00 | |
| 11,700.0 | 1.24 | 240.00 | 11,363.2 | 2,281.9 | -511.8 | 2,338.1 | 0.00 | 0.00 | 0.00 | |
| 11,800.0 | 1.24 | 240.00 | 11,463.1 | 2,280.8 | -513.6 | 2,337.5 | 0.00 | 0.00 | 0.00 | |
| 11,900.0 | 1.24 | 240.00 | 11,563.1 | 2,279.7 | -515.5 | 2,336.9 | 0.00 | 0.00 | 0.00 | |
| 12,000.0 | 1.24 | 240.00 | 11,663.1 | 2,278.6 | -517.4 | 2,336.3 | 0.00 | 0.00 | 0.00 | |
| 12,100.0 | 1.24 | 240.00 | 11,763.1 | 2,277.5 | -519.2 | 2,335.7 | 0.00 | 0.00 | 0.00 | |
| 12,200.0 | 1.24 | 240.00 | 11,863.1 | 2,276.5 | -521.1 | 2,335.1 | 0.00 | 0.00 | 0.00 | |
| 12,300.0 | 1.24 | 240.00 | 11,963.0 | 2,275.4 | -523.0 | 2,334.5 | 0.00 | 0.00 | 0.00 | |
| 12,400.0 | 1.24 | 240.00 | 12,063.0 | 2,274.3 | -524.9 | 2,333.9 | 0.00 | 0.00 | 0.00 | |
| 12,500.0 | 1.24 | 240.00 | 12,163.0 | 2,273.2 | -526.7 | 2,333.3 | 0.00 | 0.00 | 0.00 | |
| 12,600.0 | 1.24 | 240.00 | 12,263.0 | 2,272.1 | -528.6 | 2,332.7 | 0.00 | 0.00 | 0.00 | |
| 12,700.0 | 1.24 | 240.00 | 12,362.9 | 2,271.1 | -530.5 | 2,332.1 | 0.00 | 0.00 | 0.00 | |
| 12,800.0 | 1.24 | 240.00 | 12,462.9 | 2,270.0 | -532.3 | 2,331.5 | 0.00 | 0.00 | 0.00 | |
| Cameo | | | | | | | | | | |
| 12,854.1 | 1.24 | 240.00 | 12,517.0 | 2,269.4 | -533.3 | 2,331.1 | 0.00 | 0.00 | 0.00 | |
| 12,900.0 | 1.24 | 240.00 | 12,562.9 | 2,268.9 | -534.2 | 2,330.9 | 0.00 | 0.00 | 0.00 | |
| 13,000.0 | 1.24 | 240.00 | 12,662.9 | 2,267.8 | -536.1 | 2,330.3 | 0.00 | 0.00 | 0.00 | |
| 13,100.0 | 1.24 | 240.00 | 12,762.8 | 2,266.7 | -537.9 | 2,329.7 | 0.00 | 0.00 | 0.00 | |
| 13,200.0 | 1.24 | 240.00 | 12,862.8 | 2,265.7 | -539.8 | 2,329.0 | 0.00 | 0.00 | 0.00 | |
| 13,300.0 | 1.24 | 240.00 | 12,962.8 | 2,264.6 | -541.7 | 2,328.4 | 0.00 | 0.00 | 0.00 | |
| 13,400.0 | 1.24 | 240.00 | 13,062.8 | 2,263.5 | -543.6 | 2,327.8 | 0.00 | 0.00 | 0.00 | |
| Rollins | | | | | | | | | | |
| 13,482.2 | 1.24 | 240.00 | 13,145.0 | 2,262.6 | -545.1 | 2,327.3 | 0.00 | 0.00 | 0.00 | |
| 13,500.0 | 1.24 | 240.00 | 13,162.8 | 2,262.4 | -545.4 | 2,327.2 | 0.00 | 0.00 | 0.00 | |
| 13,600.0 | 1.24 | 240.00 | 13,262.7 | 2,261.3 | -547.3 | 2,326.6 | 0.00 | 0.00 | 0.00 | |
| 13,700.0 | 1.24 | 240.00 | 13,362.7 | 2,260.3 | -549.2 | 2,326.0 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU A18 FED 13D-7 495 - Slot 13D-7 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8059.0usft (30') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8059.0usft (30') |
| Site: | ELU A18 495 Pad | North Reference: | True |
| Well: | ELU A18 FED 13D-7 495 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #5 | | |

| 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) | |
| TD @ 13782.3' MD / 13445.0' TVD | | | | | | | | | | |
| 13,782.3 | 1.24 | 240.00 | 13,445.0 | 2,259.4 | -550.7 | 2,325.5 | 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 | |
| 13D-7 - OHCR - hit/miss target - Shape - Point | 0.00 | 0.00 | 8,774.0 | 2,309.4 | -464.1 | 14,435,570.47 | 2,454,341.45 | 39.715442 | -108.105937 | |
| 13D-7 - PBHL - plan hits target center - Ellipse (radii L100.0 W50.0 on 240.00 azi) | 0.00 | 0.00 | 13,445.0 | 2,259.4 | -550.7 | 14,435,517.70 | 2,454,256.50 | 39.715304 | -108.106245 | |

| Formations | | | | | | |
|-----------------------|-----------------------|---------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 3,616.1 | 3,494.0 | Wasatch | | | | |
| 6,852.3 | 6,595.0 | Wasatch G | | | | |
| 7,165.4 | 6,895.0 | Fort Union | | | | |
| 9,110.2 | 8,774.0 | Ohio Creek | | | | |
| 9,707.4 | 9,371.0 | Williams Fork | | | | |
| 12,854.1 | 12,517.0 | Cameo | | | | |
| 13,482.2 | 13,145.0 | Rollins | | | | |

| Plan Annotations | | | | | |
|-----------------------|-----------------------|--------------|--------------|------------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Comment | |
| 325.0 | 325.0 | 0.0 | 0.0 | Build 3° / 100' | |
| 879.0 | 871.3 | 78.2 | -15.7 | EOB @ 16.62° Inc. / 348.64° Azm | |
| 8,556.2 | 8,227.7 | 2,231.1 | -448.4 | Drop 3° / 100' | |
| 9,110.2 | 8,774.0 | 2,309.4 | -464.1 | EOD @ Vertical / Build 1.5° / 100' | |
| 9,192.7 | 8,856.5 | 2,308.9 | -464.9 | EOB @ 1.24° Inc. / 240.00° Azm | |
| 13,782.3 | 13,445.0 | 2,259.4 | -550.7 | TD @ 13782.3' MD / 13445.0' TVD | |