

Project: Rio Blanco County, CO
 Site: ELU O13 496 Pad
 Well: ELU O13 FED 12D-13 496
 Wellbore: Wellbore #1
 Design: Design #3
 Latitude: 39.698709
 Longitude: -108.114762
 Ground Level: 8118.0
 RKB @ 8143.0usft (25')

PROJECT DETAILS: Rio Blanco County, CO
 Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 1927 - Western US
 Ellipsoid: Clarke 1886
 Zone: Zone 12N (114 W to 108 W)
 System Datum: Mean Sea Level

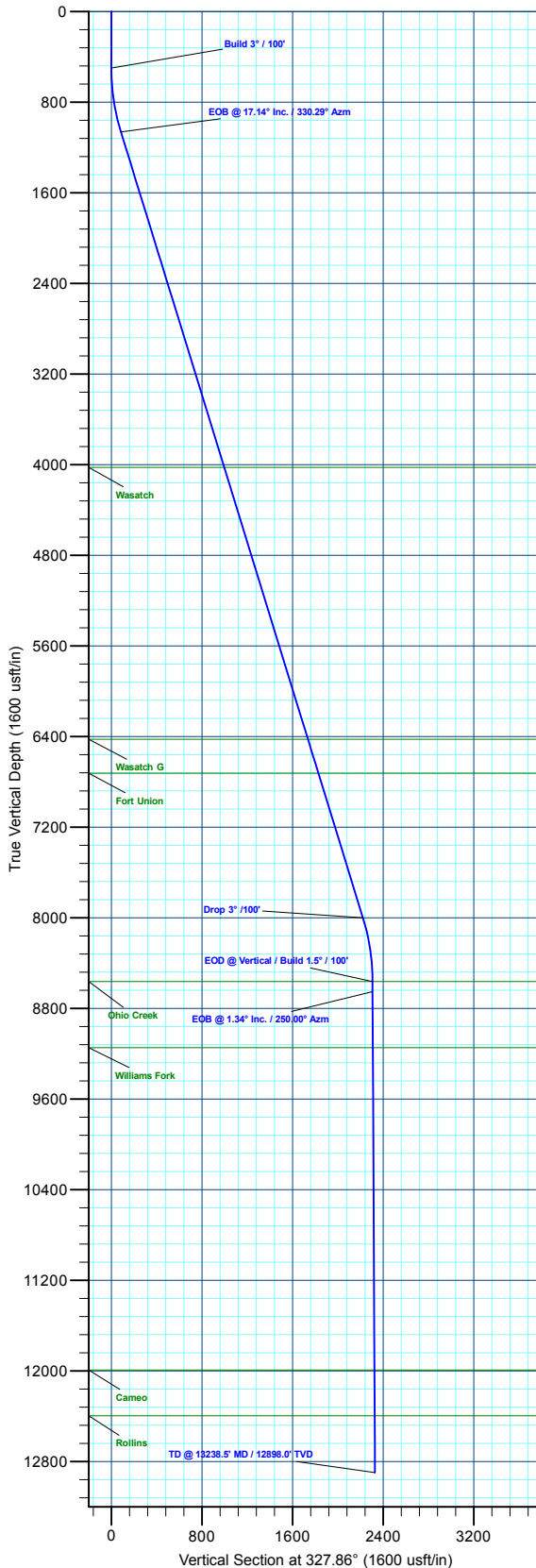
REFERENCE INFORMATION
 Vertical (TVD) Reference: RKB @ 8143.0usft (25')
 Section (VS) Reference: Slot - 12D-13(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8143.0usft (25')
 Calculation Method: Minimum Curvature

| FORMATION TOP DETAILS | | |
|-----------------------|---------|---------------|
| TVDPath | MDPath | Formation |
| 4025.0 | 4171.1 | Wasatch |
| 6425.0 | 6682.6 | Wasatch G |
| 6725.0 | 6996.5 | Fort Union |
| 8564.0 | 8903.3 | Ohio Creek |
| 9148.0 | 9487.4 | Williams Fork |
| 11993.0 | 12333.2 | Cameo |
| 12398.0 | 12738.3 | Rollins |

| SECTION DETAILS | | | | | | | | | |
|-----------------|-------|--------|---------|--------|---------|------|--------|--------|------------------------------------|
| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSeet | Annotation |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 500.0 | 0.00 | 0.00 | 500.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | Build 3° / 100' |
| 1071.2 | 17.14 | 330.29 | 1062.7 | 73.6 | -42.0 | 3.00 | 330.29 | 84.7 | EOB @ 17.14° Inc. / 330.29° Azm |
| 8332.1 | 17.14 | 330.29 | 8001.3 | 1931.7 | -1102.4 | 0.00 | 0.00 | 2222.2 | Drop 3° / 100' |
| 8903.3 | 0.00 | 0.00 | 8564.0 | 2005.4 | -1144.4 | 3.00 | 180.00 | 2306.9 | EOD @ Vertical / Build 1.5° / 100' |
| 8992.3 | 1.34 | 250.00 | 8653.0 | 2005.0 | -1145.4 | 1.50 | 250.00 | 2307.1 | EOB @ 1.34° Inc. / 250.00° Azm |
| 13238.5 | 1.34 | 250.00 | 12898.0 | 1971.2 | -1238.4 | 0.00 | 0.00 | 2327.9 | TD @ 13238.5' MD / 12898.0' TVD |

| DESIGN TARGET DETAILS | | | | | | | |
|-----------------------|---------|--------|---------|-------------|------------|-----------|-------------|
| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
| OHCR - 12D-13 | 8564.0 | 2005.4 | -1144.4 | 14431364.11 | 2450847.02 | 39.704213 | -108.118828 |
| PBHL - 12D-13 | 12898.0 | 1971.2 | -1238.4 | 14431326.90 | 2450754.20 | 39.704119 | -108.119161 |

| WELL DETAILS: ELU O13 FED 12D-13 496 | | | | | | | |
|--------------------------------------|-------|-------------|------------|-----------|-------------|--------|--|
| Ground Level : 8118.0 | | | | | | | |
| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | | |
| 0.0 | 0.0 | 14429396.60 | 2452055.40 | 39.698709 | -108.114762 | 12D-13 | |

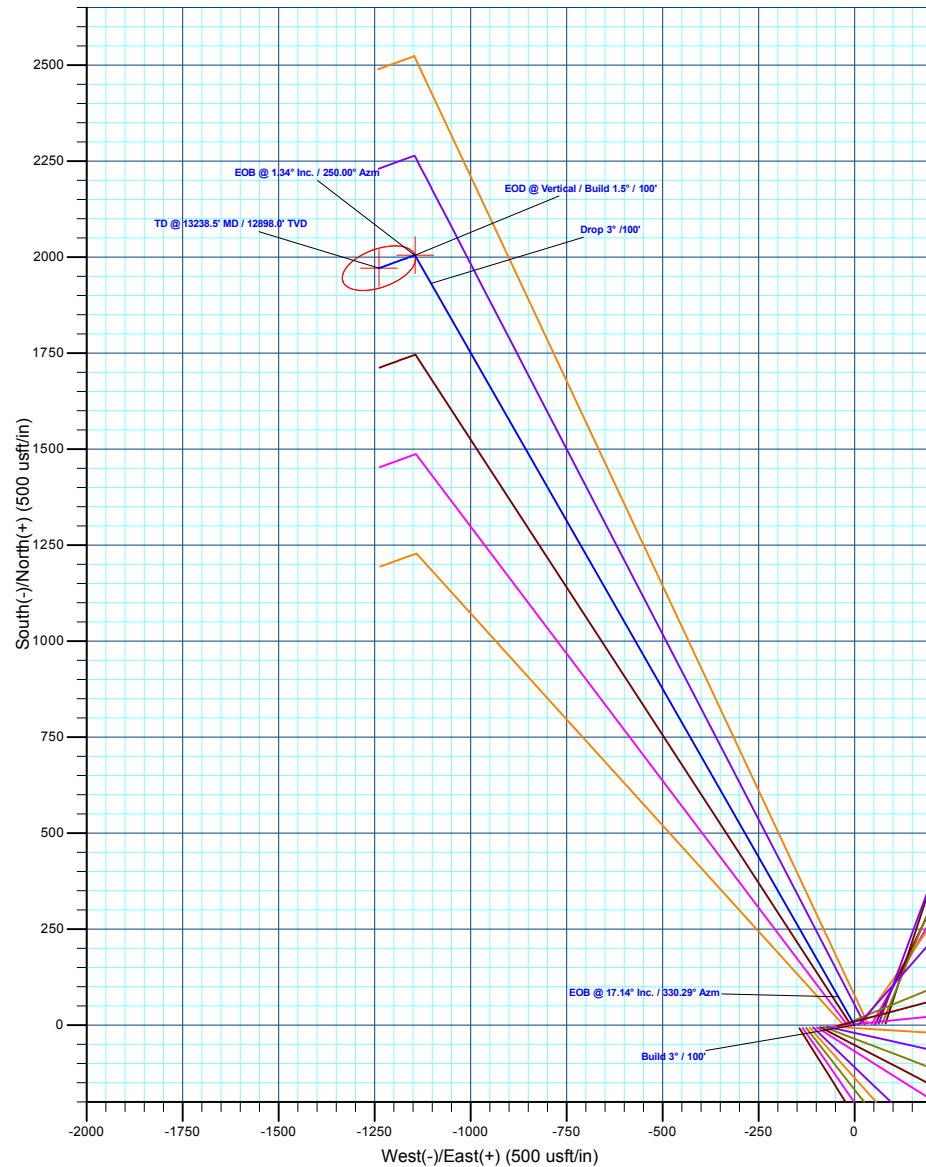


CAERUS
OIL AND GAS LLC

Compass Rose:
T: True North, M: Magnetic North, A: Azimuth

Azimuths to True North:
Magnetic North: 9.43°

Magnetic Field:
Strength: 51179.8nT
Dip Angle: 65.82°
Date: 6/5/2020
Model: HDGM2020



Plan: Design #3 (ELU O13 FED 12D-13 496/Wellbore #1)

Created By: Will Jircik Date: 13:30, November 15 2022



Caerus Oil & Gas

Rio Blanco County, CO

ELU O13 496 Pad

ELU O13 FED 12D-13 496 - Slot 12D-13

Wellbore #1

Plan: Design #3

KLX Well Planning Report

15 November, 2022



| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU O13 FED 12D-13 496 - Slot 12D-13 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8143.0usft (25') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8143.0usft (25') |
| Site: | ELU O13 496 Pad | North Reference: | True |
| Well: | ELU O13 FED 12D-13 496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| | | | |
|--------------------|--|----------------------|----------------|
| 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 O13 496 Pad | | | |
|-----------------------|----------|-----------------|--------------------|-------------------|-------------|
| Site Position: | | Northing: | 14,429,398.00 usft | Latitude: | 39.698712 |
| From: | Map | Easting: | 2,452,071.40 usft | Longitude: | -108.114705 |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 1.84 ° |

| Well | ELU O13 FED 12D-13 496 - Slot 12D-13 | | | | | |
|----------------------|--------------------------------------|------------|---------------------|--------------------|---------------|--------------|
| Well Position | +N/-S | -0.9 usft | Northing: | 14,429,396.60 usft | Latitude: | 39.698710 |
| | +E/-W | -16.0 usft | Easting: | 2,452,055.40 usft | Longitude: | -108.114762 |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | | Ground Level: | 8,118.0 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM2020 | 6/5/2020 | 9.43 | 65.82 | 51,179.80000000 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Design #3 | | | |
| 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 | 327.86 |

| 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 | |
| 500.0 | 0.00 | 0.00 | 500.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,071.2 | 17.14 | 330.29 | 1,062.7 | 73.6 | -42.0 | 3.00 | 3.00 | 0.00 | 330.29 | |
| 8,332.1 | 17.14 | 330.29 | 8,001.3 | 1,931.7 | -1,102.4 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,903.3 | 0.00 | 0.00 | 8,564.0 | 2,005.4 | -1,144.4 | 3.00 | -3.00 | 0.00 | 180.00 | OHCR - 12D-13 |
| 8,992.3 | 1.34 | 250.00 | 8,653.0 | 2,005.0 | -1,145.4 | 1.50 | 1.50 | -123.55 | 250.00 | |
| 13,238.5 | 1.34 | 250.00 | 12,898.0 | 1,971.2 | -1,238.4 | 0.00 | 0.00 | 0.00 | 0.00 | PBHL - 12D-13 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU O13 FED 12D-13 496 - Slot 12D-13 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8143.0usft (25') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8143.0usft (25') |
| Site: | ELU O13 496 Pad | North Reference: | True |
| Well: | ELU O13 FED 12D-13 496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| 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 |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Build 3° / 100' | | | | | | | | | |
| 500.0 | 0.00 | 0.00 | 500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 600.0 | 3.00 | 330.29 | 600.0 | 2.3 | -1.3 | 2.6 | 3.00 | 3.00 | 0.00 |
| 700.0 | 6.00 | 330.29 | 699.6 | 9.1 | -5.2 | 10.5 | 3.00 | 3.00 | 0.00 |
| 800.0 | 9.00 | 330.29 | 798.8 | 20.4 | -11.7 | 23.5 | 3.00 | 3.00 | 0.00 |
| 900.0 | 12.00 | 330.29 | 897.1 | 36.2 | -20.7 | 41.7 | 3.00 | 3.00 | 0.00 |
| 1,000.0 | 15.00 | 330.29 | 994.3 | 56.5 | -32.3 | 65.0 | 3.00 | 3.00 | 0.00 |
| EOB @ 17.14° Inc. / 330.29° Azm | | | | | | | | | |
| 1,071.2 | 17.14 | 330.29 | 1,062.7 | 73.6 | -42.0 | 84.7 | 3.00 | 3.00 | 0.00 |
| 1,100.0 | 17.14 | 330.29 | 1,090.2 | 81.0 | -46.2 | 93.2 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 17.14 | 330.29 | 1,185.8 | 106.6 | -60.8 | 122.6 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 17.14 | 330.29 | 1,281.4 | 132.2 | -75.4 | 152.1 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 17.14 | 330.29 | 1,376.9 | 157.8 | -90.0 | 181.5 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 17.14 | 330.29 | 1,472.5 | 183.4 | -104.6 | 210.9 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 17.14 | 330.29 | 1,568.0 | 209.0 | -119.2 | 240.4 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 17.14 | 330.29 | 1,663.6 | 234.5 | -133.9 | 269.8 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 17.14 | 330.29 | 1,759.2 | 260.1 | -148.5 | 299.3 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 17.14 | 330.29 | 1,854.7 | 285.7 | -163.1 | 328.7 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 17.14 | 330.29 | 1,950.3 | 311.3 | -177.7 | 358.1 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 17.14 | 330.29 | 2,045.9 | 336.9 | -192.3 | 387.6 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 17.14 | 330.29 | 2,141.4 | 362.5 | -206.9 | 417.0 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 17.14 | 330.29 | 2,237.0 | 388.1 | -221.5 | 446.4 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 17.14 | 330.29 | 2,332.5 | 413.7 | -236.1 | 475.9 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 17.14 | 330.29 | 2,428.1 | 439.3 | -250.7 | 505.3 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 17.14 | 330.29 | 2,523.7 | 464.9 | -265.3 | 534.8 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 17.14 | 330.29 | 2,619.2 | 490.5 | -279.9 | 564.2 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 17.14 | 330.29 | 2,714.8 | 516.0 | -294.5 | 593.6 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 17.14 | 330.29 | 2,810.3 | 541.6 | -309.1 | 623.1 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 17.14 | 330.29 | 2,905.9 | 567.2 | -323.7 | 652.5 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 17.14 | 330.29 | 3,001.5 | 592.8 | -338.3 | 681.9 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 17.14 | 330.29 | 3,097.0 | 618.4 | -352.9 | 711.4 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 17.14 | 330.29 | 3,192.6 | 644.0 | -367.5 | 740.8 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 17.14 | 330.29 | 3,288.1 | 669.6 | -382.1 | 770.3 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 17.14 | 330.29 | 3,383.7 | 695.2 | -396.7 | 799.7 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 17.14 | 330.29 | 3,479.3 | 720.8 | -411.3 | 829.1 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 17.14 | 330.29 | 3,574.8 | 746.4 | -425.9 | 858.6 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 17.14 | 330.29 | 3,670.4 | 772.0 | -440.5 | 888.0 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 17.14 | 330.29 | 3,765.9 | 797.5 | -455.1 | 917.5 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 17.14 | 330.29 | 3,861.5 | 823.1 | -469.8 | 946.9 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 17.14 | 330.29 | 3,957.1 | 848.7 | -484.4 | 976.3 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 4,171.1 | 17.14 | 330.29 | 4,025.0 | 866.9 | -494.7 | 997.3 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 17.14 | 330.29 | 4,052.6 | 874.3 | -499.0 | 1,005.8 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 17.14 | 330.29 | 4,148.2 | 899.9 | -513.6 | 1,035.2 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 17.14 | 330.29 | 4,243.7 | 925.5 | -528.2 | 1,064.6 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 17.14 | 330.29 | 4,339.3 | 951.1 | -542.8 | 1,094.1 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 17.14 | 330.29 | 4,434.9 | 976.7 | -557.4 | 1,123.5 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 17.14 | 330.29 | 4,530.4 | 1,002.3 | -572.0 | 1,153.0 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU O13 FED 12D-13 496 - Slot 12D-13 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8143.0usft (25') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8143.0usft (25') |
| Site: | ELU O13 496 Pad | North Reference: | True |
| Well: | ELU O13 FED 12D-13 496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| 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 | 17.14 | 330.29 | 4,626.0 | 1,027.9 | -586.6 | 1,182.4 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 17.14 | 330.29 | 4,721.5 | 1,053.4 | -601.2 | 1,211.8 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 17.14 | 330.29 | 4,817.1 | 1,079.0 | -615.8 | 1,241.3 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 17.14 | 330.29 | 4,912.7 | 1,104.6 | -630.4 | 1,270.7 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 17.14 | 330.29 | 5,008.2 | 1,130.2 | -645.0 | 1,300.1 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 17.14 | 330.29 | 5,103.8 | 1,155.8 | -659.6 | 1,329.6 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 17.14 | 330.29 | 5,199.4 | 1,181.4 | -674.2 | 1,359.0 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 17.14 | 330.29 | 5,294.9 | 1,207.0 | -688.8 | 1,388.5 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 17.14 | 330.29 | 5,390.5 | 1,232.6 | -703.4 | 1,417.9 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 17.14 | 330.29 | 5,486.0 | 1,258.2 | -718.0 | 1,447.3 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 17.14 | 330.29 | 5,581.6 | 1,283.8 | -732.6 | 1,476.8 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 17.14 | 330.29 | 5,677.2 | 1,309.4 | -747.2 | 1,506.2 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 17.14 | 330.29 | 5,772.7 | 1,334.9 | -761.8 | 1,535.7 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 17.14 | 330.29 | 5,868.3 | 1,360.5 | -776.4 | 1,565.1 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 17.14 | 330.29 | 5,963.8 | 1,386.1 | -791.0 | 1,594.5 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 17.14 | 330.29 | 6,059.4 | 1,411.7 | -805.6 | 1,624.0 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 17.14 | 330.29 | 6,155.0 | 1,437.3 | -820.3 | 1,653.4 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 17.14 | 330.29 | 6,250.5 | 1,462.9 | -834.9 | 1,682.8 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 17.14 | 330.29 | 6,346.1 | 1,488.5 | -849.5 | 1,712.3 | 0.00 | 0.00 | 0.00 |
| Wasatch G | | | | | | | | | |
| 6,682.6 | 17.14 | 330.29 | 6,425.0 | 1,509.6 | -861.5 | 1,736.6 | 0.00 | 0.00 | 0.00 |
| 6,700.0 | 17.14 | 330.29 | 6,441.6 | 1,514.1 | -864.1 | 1,741.7 | 0.00 | 0.00 | 0.00 |
| 6,800.0 | 17.14 | 330.29 | 6,537.2 | 1,539.7 | -878.7 | 1,771.2 | 0.00 | 0.00 | 0.00 |
| 6,900.0 | 17.14 | 330.29 | 6,632.8 | 1,565.3 | -893.3 | 1,800.6 | 0.00 | 0.00 | 0.00 |
| Fort Union | | | | | | | | | |
| 6,996.5 | 17.14 | 330.29 | 6,725.0 | 1,590.0 | -907.4 | 1,829.0 | 0.00 | 0.00 | 0.00 |
| 7,000.0 | 17.14 | 330.29 | 6,728.3 | 1,590.8 | -907.9 | 1,830.0 | 0.00 | 0.00 | 0.00 |
| 7,100.0 | 17.14 | 330.29 | 6,823.9 | 1,616.4 | -922.5 | 1,859.5 | 0.00 | 0.00 | 0.00 |
| 7,200.0 | 17.14 | 330.29 | 6,919.4 | 1,642.0 | -937.1 | 1,888.9 | 0.00 | 0.00 | 0.00 |
| 7,300.0 | 17.14 | 330.29 | 7,015.0 | 1,667.6 | -951.7 | 1,918.4 | 0.00 | 0.00 | 0.00 |
| 7,400.0 | 17.14 | 330.29 | 7,110.6 | 1,693.2 | -966.3 | 1,947.8 | 0.00 | 0.00 | 0.00 |
| 7,500.0 | 17.14 | 330.29 | 7,206.1 | 1,718.8 | -980.9 | 1,977.2 | 0.00 | 0.00 | 0.00 |
| 7,600.0 | 17.14 | 330.29 | 7,301.7 | 1,744.4 | -995.5 | 2,006.7 | 0.00 | 0.00 | 0.00 |
| 7,700.0 | 17.14 | 330.29 | 7,397.2 | 1,770.0 | -1,010.1 | 2,036.1 | 0.00 | 0.00 | 0.00 |
| 7,800.0 | 17.14 | 330.29 | 7,492.8 | 1,795.6 | -1,024.7 | 2,065.5 | 0.00 | 0.00 | 0.00 |
| 7,900.0 | 17.14 | 330.29 | 7,588.4 | 1,821.2 | -1,039.3 | 2,095.0 | 0.00 | 0.00 | 0.00 |
| 8,000.0 | 17.14 | 330.29 | 7,683.9 | 1,846.8 | -1,053.9 | 2,124.4 | 0.00 | 0.00 | 0.00 |
| 8,100.0 | 17.14 | 330.29 | 7,779.5 | 1,872.3 | -1,068.5 | 2,153.9 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 17.14 | 330.29 | 7,875.1 | 1,897.9 | -1,083.1 | 2,183.3 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 17.14 | 330.29 | 7,970.6 | 1,923.5 | -1,097.7 | 2,212.7 | 0.00 | 0.00 | 0.00 |
| Drop 3° /100' | | | | | | | | | |
| 8,332.1 | 17.14 | 330.29 | 8,001.3 | 1,931.7 | -1,102.4 | 2,222.2 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 15.10 | 330.29 | 8,066.5 | 1,948.1 | -1,111.8 | 2,241.0 | 3.00 | -3.00 | 0.00 |
| 8,500.0 | 12.10 | 330.29 | 8,163.7 | 1,968.5 | -1,123.4 | 2,264.5 | 3.00 | -3.00 | 0.00 |
| 8,600.0 | 9.10 | 330.29 | 8,262.0 | 1,984.5 | -1,132.5 | 2,282.9 | 3.00 | -3.00 | 0.00 |
| 8,700.0 | 6.10 | 330.29 | 8,361.1 | 1,996.0 | -1,139.1 | 2,296.1 | 3.00 | -3.00 | 0.00 |
| 8,800.0 | 3.10 | 330.29 | 8,460.8 | 2,002.9 | -1,143.1 | 2,304.1 | 3.00 | -3.00 | 0.00 |
| EOD @ Vertical / Build 1.5° / 100' - Ohio Creek | | | | | | | | | |
| 8,903.3 | 0.00 | 0.00 | 8,564.0 | 2,005.4 | -1,144.4 | 2,306.9 | 3.00 | -3.00 | 0.00 |
| EOB @ 1.34° Inc. / 250.00° Azm | | | | | | | | | |
| 8,992.3 | 1.34 | 250.00 | 8,653.0 | 2,005.0 | -1,145.4 | 2,307.1 | 1.50 | 1.50 | 0.00 |
| 9,000.0 | 1.34 | 250.00 | 8,660.7 | 2,005.0 | -1,145.6 | 2,307.1 | 0.00 | 0.00 | 0.00 |
| 9,100.0 | 1.34 | 250.00 | 8,760.7 | 2,004.2 | -1,147.8 | 2,307.6 | 0.00 | 0.00 | 0.00 |
| 9,200.0 | 1.34 | 250.00 | 8,860.6 | 2,003.4 | -1,150.0 | 2,308.1 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU O13 FED 12D-13 496 - Slot 12D-13 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8143.0usft (25') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8143.0usft (25') |
| Site: | ELU O13 496 Pad | North Reference: | True |
| Well: | ELU O13 FED 12D-13 496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| 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) |
| 9,300.0 | 1.34 | 250.00 | 8,960.6 | 2,002.6 | -1,152.2 | 2,308.6 | 0.00 | 0.00 | 0.00 |
| 9,400.0 | 1.34 | 250.00 | 9,060.6 | 2,001.8 | -1,154.3 | 2,309.1 | 0.00 | 0.00 | 0.00 |
| Williams Fork | | | | | | | | | |
| 9,487.4 | 1.34 | 250.00 | 9,148.0 | 2,001.1 | -1,156.3 | 2,309.5 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 1.34 | 250.00 | 9,160.6 | 2,001.0 | -1,156.5 | 2,309.6 | 0.00 | 0.00 | 0.00 |
| 9,600.0 | 1.34 | 250.00 | 9,260.5 | 2,000.2 | -1,158.7 | 2,310.1 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 1.34 | 250.00 | 9,360.5 | 1,999.4 | -1,160.9 | 2,310.6 | 0.00 | 0.00 | 0.00 |
| 9,800.0 | 1.34 | 250.00 | 9,460.5 | 1,998.6 | -1,163.1 | 2,311.1 | 0.00 | 0.00 | 0.00 |
| 9,900.0 | 1.34 | 250.00 | 9,560.5 | 1,997.8 | -1,165.3 | 2,311.6 | 0.00 | 0.00 | 0.00 |
| 10,000.0 | 1.34 | 250.00 | 9,660.4 | 1,997.0 | -1,167.5 | 2,312.0 | 0.00 | 0.00 | 0.00 |
| 10,100.0 | 1.34 | 250.00 | 9,760.4 | 1,996.2 | -1,169.7 | 2,312.5 | 0.00 | 0.00 | 0.00 |
| 10,200.0 | 1.34 | 250.00 | 9,860.4 | 1,995.4 | -1,171.9 | 2,313.0 | 0.00 | 0.00 | 0.00 |
| 10,300.0 | 1.34 | 250.00 | 9,960.3 | 1,994.6 | -1,174.1 | 2,313.5 | 0.00 | 0.00 | 0.00 |
| 10,400.0 | 1.34 | 250.00 | 10,060.3 | 1,993.8 | -1,176.2 | 2,314.0 | 0.00 | 0.00 | 0.00 |
| 10,500.0 | 1.34 | 250.00 | 10,160.3 | 1,993.0 | -1,178.4 | 2,314.5 | 0.00 | 0.00 | 0.00 |
| 10,600.0 | 1.34 | 250.00 | 10,260.3 | 1,992.2 | -1,180.6 | 2,315.0 | 0.00 | 0.00 | 0.00 |
| 10,700.0 | 1.34 | 250.00 | 10,360.2 | 1,991.4 | -1,182.8 | 2,315.5 | 0.00 | 0.00 | 0.00 |
| 10,800.0 | 1.34 | 250.00 | 10,460.2 | 1,990.6 | -1,185.0 | 2,316.0 | 0.00 | 0.00 | 0.00 |
| 10,900.0 | 1.34 | 250.00 | 10,560.2 | 1,989.8 | -1,187.2 | 2,316.5 | 0.00 | 0.00 | 0.00 |
| 11,000.0 | 1.34 | 250.00 | 10,660.2 | 1,989.0 | -1,189.4 | 2,316.9 | 0.00 | 0.00 | 0.00 |
| 11,100.0 | 1.34 | 250.00 | 10,760.1 | 1,988.2 | -1,191.6 | 2,317.4 | 0.00 | 0.00 | 0.00 |
| 11,200.0 | 1.34 | 250.00 | 10,860.1 | 1,987.4 | -1,193.8 | 2,317.9 | 0.00 | 0.00 | 0.00 |
| 11,300.0 | 1.34 | 250.00 | 10,960.1 | 1,986.6 | -1,196.0 | 2,318.4 | 0.00 | 0.00 | 0.00 |
| 11,400.0 | 1.34 | 250.00 | 11,060.0 | 1,985.8 | -1,198.1 | 2,318.9 | 0.00 | 0.00 | 0.00 |
| 11,500.0 | 1.34 | 250.00 | 11,160.0 | 1,985.0 | -1,200.3 | 2,319.4 | 0.00 | 0.00 | 0.00 |
| 11,600.0 | 1.34 | 250.00 | 11,260.0 | 1,984.2 | -1,202.5 | 2,319.9 | 0.00 | 0.00 | 0.00 |
| 11,700.0 | 1.34 | 250.00 | 11,360.0 | 1,983.4 | -1,204.7 | 2,320.4 | 0.00 | 0.00 | 0.00 |
| 11,800.0 | 1.34 | 250.00 | 11,459.9 | 1,982.6 | -1,206.9 | 2,320.9 | 0.00 | 0.00 | 0.00 |
| 11,900.0 | 1.34 | 250.00 | 11,559.9 | 1,981.8 | -1,209.1 | 2,321.4 | 0.00 | 0.00 | 0.00 |
| 12,000.0 | 1.34 | 250.00 | 11,659.9 | 1,981.0 | -1,211.3 | 2,321.8 | 0.00 | 0.00 | 0.00 |
| 12,100.0 | 1.34 | 250.00 | 11,759.9 | 1,980.2 | -1,213.5 | 2,322.3 | 0.00 | 0.00 | 0.00 |
| 12,200.0 | 1.34 | 250.00 | 11,859.8 | 1,979.4 | -1,215.7 | 2,322.8 | 0.00 | 0.00 | 0.00 |
| 12,300.0 | 1.34 | 250.00 | 11,959.8 | 1,978.7 | -1,217.9 | 2,323.3 | 0.00 | 0.00 | 0.00 |
| Cameo | | | | | | | | | |
| 12,333.2 | 1.34 | 250.00 | 11,993.0 | 1,978.4 | -1,218.6 | 2,323.5 | 0.00 | 0.00 | 0.00 |
| 12,400.0 | 1.34 | 250.00 | 12,059.8 | 1,977.9 | -1,220.0 | 2,323.8 | 0.00 | 0.00 | 0.00 |
| 12,500.0 | 1.34 | 250.00 | 12,159.7 | 1,977.1 | -1,222.2 | 2,324.3 | 0.00 | 0.00 | 0.00 |
| 12,600.0 | 1.34 | 250.00 | 12,259.7 | 1,976.3 | -1,224.4 | 2,324.8 | 0.00 | 0.00 | 0.00 |
| 12,700.0 | 1.34 | 250.00 | 12,359.7 | 1,975.5 | -1,226.6 | 2,325.3 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 12,738.3 | 1.34 | 250.00 | 12,398.0 | 1,975.2 | -1,227.5 | 2,325.5 | 0.00 | 0.00 | 0.00 |
| 12,800.0 | 1.34 | 250.00 | 12,459.7 | 1,974.7 | -1,228.8 | 2,325.8 | 0.00 | 0.00 | 0.00 |
| 12,900.0 | 1.34 | 250.00 | 12,559.6 | 1,973.9 | -1,231.0 | 2,326.3 | 0.00 | 0.00 | 0.00 |
| 13,000.0 | 1.34 | 250.00 | 12,659.6 | 1,973.1 | -1,233.2 | 2,326.7 | 0.00 | 0.00 | 0.00 |
| 13,100.0 | 1.34 | 250.00 | 12,759.6 | 1,972.3 | -1,235.4 | 2,327.2 | 0.00 | 0.00 | 0.00 |
| 13,200.0 | 1.34 | 250.00 | 12,859.6 | 1,971.5 | -1,237.6 | 2,327.7 | 0.00 | 0.00 | 0.00 |
| TD @ 13238.5' MD / 12898.0' TVD | | | | | | | | | |
| 13,238.5 | 1.34 | 250.00 | 12,898.0 | 1,971.2 | -1,238.4 | 2,327.9 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU O13 FED 12D-13 496 - Slot 12D-13 |
| Company: | Caerus Oil & Gas | TVD Reference: | RKB @ 8143.0usft (25') |
| Project: | Rio Blanco County, CO | MD Reference: | RKB @ 8143.0usft (25') |
| Site: | ELU O13 496 Pad | North Reference: | True |
| Well: | ELU O13 FED 12D-13 496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

Design Targets

Target Name

| - hit/miss target - Shape | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
|--|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|-----------|-------------|
| OHCR - 12D-13 - plan hits target center - Point | 0.00 | 0.00 | 8,564.0 | 2,005.4 | -1,144.4 | 14,431,364.11 | 2,450,847.02 | 39.704213 | -108.118828 |
| PBHL - 12D-13 - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi) | 0.00 | 0.00 | 12,898.0 | 1,971.2 | -1,238.4 | 14,431,326.90 | 2,450,754.20 | 39.704119 | -108.119162 |

Formations

| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|-----------------------------|-----------------------------|---------------|-----------|------------|-------------------------|
| 4,171.1 | 4,025.0 | Wasatch | | | |
| 6,682.6 | 6,425.0 | Wasatch G | | | |
| 6,996.5 | 6,725.0 | Fort Union | | | |
| 8,903.3 | 8,564.0 | Ohio Creek | | | |
| 9,487.4 | 9,148.0 | Williams Fork | | | |
| 12,333.2 | 11,993.0 | Cameo | | | |
| 12,738.3 | 12,398.0 | Rollins | | | |

Plan Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------------|-----------------------------|-------------------|-----------------|------------------------------------|
| | | +N/-S (usft) | +E/-W (usft) | |
| 500.0 | 500.0 | 0.0 | 0.0 | Build 3° / 100' |
| 1,071.2 | 1,062.7 | 73.6 | -42.0 | EOB @ 17.14° Inc. / 330.29° Azm |
| 8,332.1 | 8,001.3 | 1,931.7 | -1,102.4 | Drop 3° / 100' |
| 8,903.3 | 8,564.0 | 2,005.4 | -1,144.4 | EOD @ Vertical / Build 1.5° / 100' |
| 8,992.3 | 8,653.0 | 2,005.0 | -1,145.4 | EOB @ 1.34° Inc. / 250.00° Azm |
| 13,238.5 | 12,898.0 | 1,971.2 | -1,238.4 | TD @ 13238.5' MD / 12898.0' TVD |