

Project: Rio Blanco County, CO
 Site: ELU O13 496 Pad
 Well: ELU O13 FED 12B-13 496
 Wellbore: Wellbore #1
 Design: Design #3
 Latitude: 39.698715
 Longitude: -108.114634
 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 - 12B-13(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8143.0usft (25')
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|---------|---------------|
| 4051.0 | 4263.4 | Wasatch |
| 6451.0 | 6828.1 | Wasatch G |
| 6751.0 | 7148.7 | Fort Union |
| 8586.0 | 9078.3 | Ohio Creek |
| 9171.0 | 9663.4 | Williams Fork |
| 12056.0 | 12549.2 | Cameo |
| 12403.0 | 12896.3 | Rollins |

SECTION DETAILS

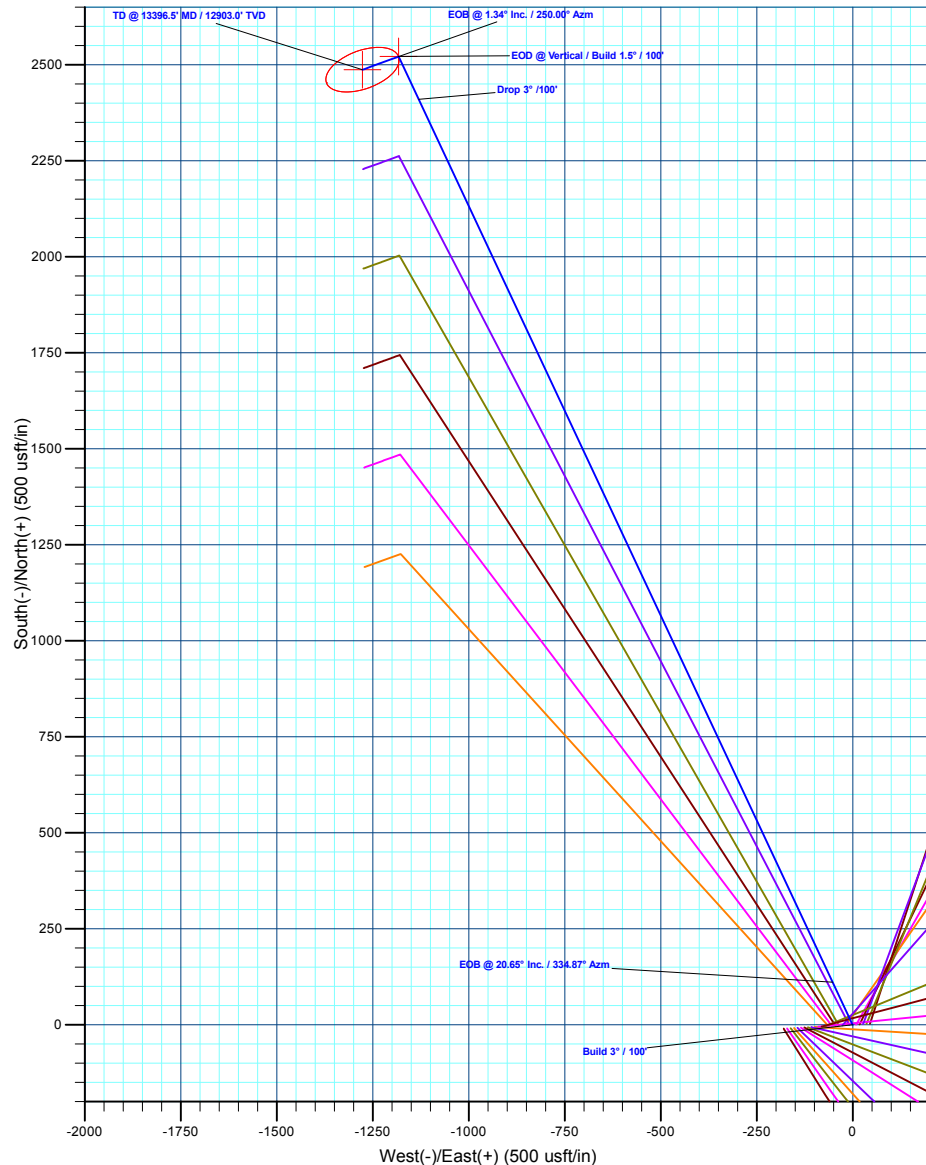
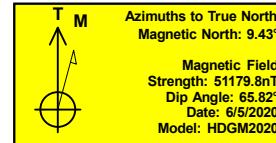
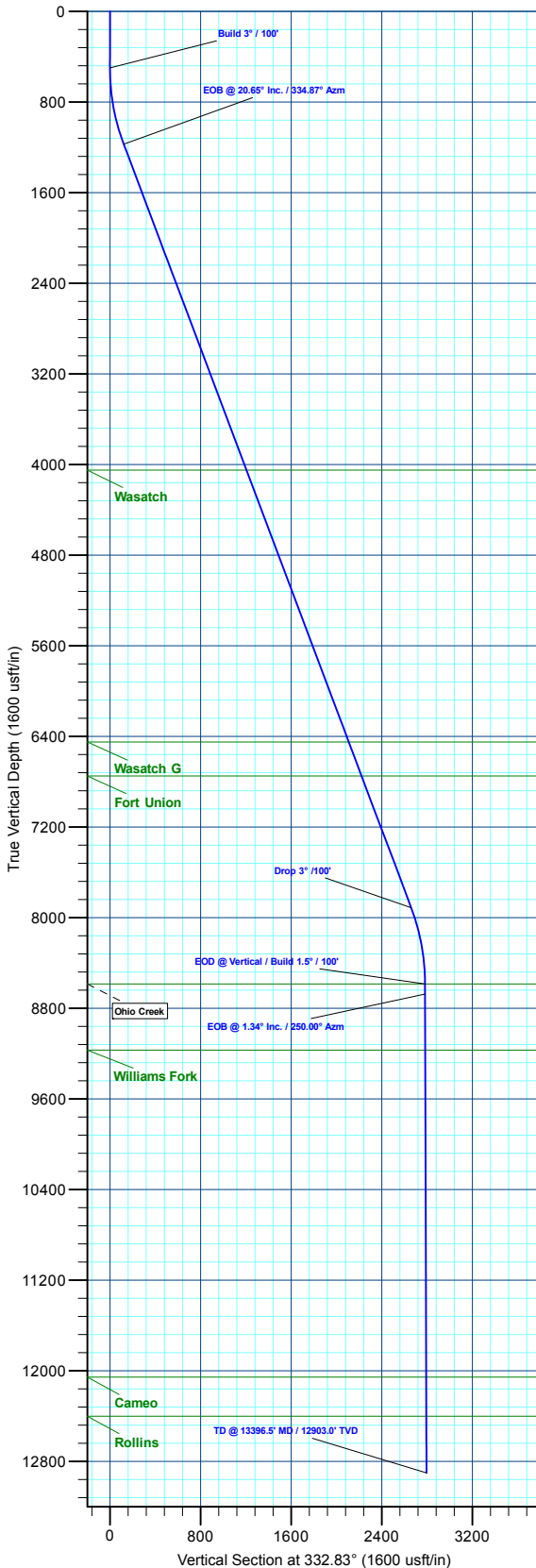
| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | Vsect | Annotation |
|---------|-------|--------|---------|--------|---------|------|--------|--------|------------------------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 500.0 | 0.00 | 0.00 | 500.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | Build 3° / 100' |
| 1188.3 | 20.65 | 334.87 | 1173.5 | 111.1 | -52.1 | 3.00 | 334.87 | 122.6 | EOB @ 20.65° Inc. / 334.87° Azm |
| 8390.0 | 20.65 | 334.87 | 7912.5 | 2410.5 | -1130.5 | 0.00 | 0.00 | 2660.7 | Drop 3° / 100' |
| 9078.3 | 0.00 | 0.00 | 8586.0 | 2521.6 | -1182.5 | 3.00 | 180.00 | 2783.3 | EOD @ Vertical / Build 1.5° / 100' |
| 9167.7 | 1.34 | 250.00 | 8675.4 | 2521.2 | -1183.5 | 1.50 | 250.00 | 2783.5 | EOB @ 1.34° Inc. / 250.00° Azm |
| 13396.5 | 1.34 | 250.00 | 12903.0 | 2487.4 | -1276.5 | 0.00 | 0.00 | 2795.8 | TD @ 13396.5' MD / 12903.0' TVD |

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|---------------|---------|--------|---------|-------------|------------|-----------|-------------|
| OHCR - 12B-13 | 8586.0 | 2521.6 | -1182.5 | 14431881.91 | 2450828.22 | 39.705635 | -108.118835 |
| PBHL - 12B-13 | 12903.0 | 2487.4 | -1276.5 | 14431844.70 | 2450735.40 | 39.705541 | -108.119169 |

WELL DETAILS: ELU O13 FED 12B-13 496

| +N/-S | +E/-W | Ground Level : 8118.0 | Northing | Easting | Latitude | Longitude |
|-------|-------|-----------------------|-------------|------------|-----------|-------------|
| 0.0 | 0.0 | | 14429399.70 | 2452091.30 | 39.698715 | -108.114634 |



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

Created By: Will Jircik Date: 13:22, November 15 2022



Caerus Oil & Gas

Rio Blanco County, CO

ELU O13 496 Pad

ELU O13 FED 12B-13 496 - Slot 12B-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 12B-13 496 - Slot 12B-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 12B-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 12B-13 496 - Slot 12B-13 | | | | | |
|----------------------|--------------------------------------|-----------|---------------------|--------------------|---------------|--------------|
| Well Position | +N/-S | 1.1 usft | Northing: | 14,429,399.70 usft | Latitude: | 39.698715 |
| | +E/-W | 19.9 usft | Easting: | 2,452,091.30 usft | Longitude: | -108.114634 |
| 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 | 332.83 |

| 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 | |
| 1,188.3 | 20.65 | 334.87 | 1,173.5 | 111.1 | -52.1 | 3.00 | 3.00 | 0.00 | 334.87 | |
| 8,390.0 | 20.65 | 334.87 | 7,912.5 | 2,410.5 | -1,130.5 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 9,078.3 | 0.00 | 0.00 | 8,586.0 | 2,521.6 | -1,182.5 | 3.00 | -3.00 | 0.00 | 180.00 | OHCR - 12B-13 |
| 9,167.7 | 1.34 | 250.00 | 8,675.4 | 2,521.2 | -1,183.5 | 1.50 | 1.50 | -123.06 | 250.00 | |
| 13,396.5 | 1.34 | 250.00 | 12,903.0 | 2,487.4 | -1,276.5 | 0.00 | 0.00 | 0.00 | 0.00 | PBHL - 12B-13 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU O13 FED 12B-13 496 - Slot 12B-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 12B-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 | 334.87 | 600.0 | 2.4 | -1.1 | 2.6 | 3.00 | 3.00 | 0.00 |
| 700.0 | 6.00 | 334.87 | 699.6 | 9.5 | -4.4 | 10.5 | 3.00 | 3.00 | 0.00 |
| 800.0 | 9.00 | 334.87 | 798.8 | 21.3 | -10.0 | 23.5 | 3.00 | 3.00 | 0.00 |
| 900.0 | 12.00 | 334.87 | 897.1 | 37.8 | -17.7 | 41.7 | 3.00 | 3.00 | 0.00 |
| 1,000.0 | 15.00 | 334.87 | 994.3 | 58.9 | -27.6 | 65.0 | 3.00 | 3.00 | 0.00 |
| 1,100.0 | 18.00 | 334.87 | 1,090.2 | 84.6 | -39.7 | 93.4 | 3.00 | 3.00 | 0.00 |
| EOB @ 20.65° Inc. / 334.87° Azm | | | | | | | | | |
| 1,188.3 | 20.65 | 334.87 | 1,173.5 | 111.1 | -52.1 | 122.6 | 3.00 | 3.00 | 0.00 |
| 1,200.0 | 20.65 | 334.87 | 1,184.4 | 114.8 | -53.8 | 126.7 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 20.65 | 334.87 | 1,278.0 | 146.7 | -68.8 | 162.0 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 20.65 | 334.87 | 1,371.6 | 178.7 | -83.8 | 197.2 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 20.65 | 334.87 | 1,465.2 | 210.6 | -98.8 | 232.5 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 20.65 | 334.87 | 1,558.7 | 242.5 | -113.7 | 267.7 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 20.65 | 334.87 | 1,652.3 | 274.5 | -128.7 | 303.0 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 20.65 | 334.87 | 1,745.9 | 306.4 | -143.7 | 338.2 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 20.65 | 334.87 | 1,839.5 | 338.3 | -158.7 | 373.4 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 20.65 | 334.87 | 1,933.0 | 370.2 | -173.6 | 408.7 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 20.65 | 334.87 | 2,026.6 | 402.2 | -188.6 | 443.9 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 20.65 | 334.87 | 2,120.2 | 434.1 | -203.6 | 479.2 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 20.65 | 334.87 | 2,213.8 | 466.0 | -218.6 | 514.4 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 20.65 | 334.87 | 2,307.3 | 498.0 | -233.5 | 549.7 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 20.65 | 334.87 | 2,400.9 | 529.9 | -248.5 | 584.9 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 20.65 | 334.87 | 2,494.5 | 561.8 | -263.5 | 620.1 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 20.65 | 334.87 | 2,588.1 | 593.7 | -278.5 | 655.4 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 20.65 | 334.87 | 2,681.7 | 625.7 | -293.4 | 690.6 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 20.65 | 334.87 | 2,775.2 | 657.6 | -308.4 | 725.9 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 20.65 | 334.87 | 2,868.8 | 689.5 | -323.4 | 761.1 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 20.65 | 334.87 | 2,962.4 | 721.5 | -338.3 | 796.4 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 20.65 | 334.87 | 3,056.0 | 753.4 | -353.3 | 831.6 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 20.65 | 334.87 | 3,149.5 | 785.3 | -368.3 | 866.8 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 20.65 | 334.87 | 3,243.1 | 817.2 | -383.3 | 902.1 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 20.65 | 334.87 | 3,336.7 | 849.2 | -398.2 | 937.3 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 20.65 | 334.87 | 3,430.3 | 881.1 | -413.2 | 972.6 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 20.65 | 334.87 | 3,523.8 | 913.0 | -428.2 | 1,007.8 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 20.65 | 334.87 | 3,617.4 | 945.0 | -443.2 | 1,043.1 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 20.65 | 334.87 | 3,711.0 | 976.9 | -458.1 | 1,078.3 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 20.65 | 334.87 | 3,804.6 | 1,008.8 | -473.1 | 1,113.5 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 20.65 | 334.87 | 3,898.1 | 1,040.8 | -488.1 | 1,148.8 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 20.65 | 334.87 | 3,991.7 | 1,072.7 | -503.1 | 1,184.0 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 4,263.4 | 20.65 | 334.87 | 4,051.0 | 1,092.9 | -512.5 | 1,206.4 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 20.65 | 334.87 | 4,085.3 | 1,104.6 | -518.0 | 1,219.3 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 20.65 | 334.87 | 4,178.9 | 1,136.5 | -533.0 | 1,254.5 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 20.65 | 334.87 | 4,272.4 | 1,168.5 | -548.0 | 1,289.8 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 20.65 | 334.87 | 4,366.0 | 1,200.4 | -563.0 | 1,325.0 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 20.65 | 334.87 | 4,459.6 | 1,232.3 | -577.9 | 1,360.2 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
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| 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 12B-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 | 20.65 | 334.87 | 4,553.2 | 1,264.3 | -592.9 | 1,395.5 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 20.65 | 334.87 | 4,646.7 | 1,296.2 | -607.9 | 1,430.7 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 20.65 | 334.87 | 4,740.3 | 1,328.1 | -622.8 | 1,466.0 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 20.65 | 334.87 | 4,833.9 | 1,360.0 | -637.8 | 1,501.2 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 20.65 | 334.87 | 4,927.5 | 1,392.0 | -652.8 | 1,536.5 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 20.65 | 334.87 | 5,021.0 | 1,423.9 | -667.8 | 1,571.7 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 20.65 | 334.87 | 5,114.6 | 1,455.8 | -682.7 | 1,606.9 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 20.65 | 334.87 | 5,208.2 | 1,487.8 | -697.7 | 1,642.2 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 20.65 | 334.87 | 5,301.8 | 1,519.7 | -712.7 | 1,677.4 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 20.65 | 334.87 | 5,395.3 | 1,551.6 | -727.7 | 1,712.7 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 20.65 | 334.87 | 5,488.9 | 1,583.5 | -742.6 | 1,747.9 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 20.65 | 334.87 | 5,582.5 | 1,615.5 | -757.6 | 1,783.2 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 20.65 | 334.87 | 5,676.1 | 1,647.4 | -772.6 | 1,818.4 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 20.65 | 334.87 | 5,769.6 | 1,679.3 | -787.6 | 1,853.6 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 20.65 | 334.87 | 5,863.2 | 1,711.3 | -802.5 | 1,888.9 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 20.65 | 334.87 | 5,956.8 | 1,743.2 | -817.5 | 1,924.1 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 20.65 | 334.87 | 6,050.4 | 1,775.1 | -832.5 | 1,959.4 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 20.65 | 334.87 | 6,143.9 | 1,807.0 | -847.5 | 1,994.6 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 20.65 | 334.87 | 6,237.5 | 1,839.0 | -862.4 | 2,029.9 | 0.00 | 0.00 | 0.00 |
| 6,700.0 | 20.65 | 334.87 | 6,331.1 | 1,870.9 | -877.4 | 2,065.1 | 0.00 | 0.00 | 0.00 |
| 6,800.0 | 20.65 | 334.87 | 6,424.7 | 1,902.8 | -892.4 | 2,100.3 | 0.00 | 0.00 | 0.00 |
| Wasatch G | | | | | | | | | |
| 6,828.1 | 20.65 | 334.87 | 6,451.0 | 1,911.8 | -896.6 | 2,110.3 | 0.00 | 0.00 | 0.00 |
| 6,900.0 | 20.65 | 334.87 | 6,518.2 | 1,934.8 | -907.3 | 2,135.6 | 0.00 | 0.00 | 0.00 |
| 7,000.0 | 20.65 | 334.87 | 6,611.8 | 1,966.7 | -922.3 | 2,170.8 | 0.00 | 0.00 | 0.00 |
| 7,100.0 | 20.65 | 334.87 | 6,705.4 | 1,998.6 | -937.3 | 2,206.1 | 0.00 | 0.00 | 0.00 |
| Fort Union | | | | | | | | | |
| 7,148.7 | 20.65 | 334.87 | 6,751.0 | 2,014.2 | -944.6 | 2,223.3 | 0.00 | 0.00 | 0.00 |
| 7,200.0 | 20.65 | 334.87 | 6,799.0 | 2,030.5 | -952.3 | 2,241.3 | 0.00 | 0.00 | 0.00 |
| 7,300.0 | 20.65 | 334.87 | 6,892.5 | 2,062.5 | -967.2 | 2,276.6 | 0.00 | 0.00 | 0.00 |
| 7,400.0 | 20.65 | 334.87 | 6,986.1 | 2,094.4 | -982.2 | 2,311.8 | 0.00 | 0.00 | 0.00 |
| 7,500.0 | 20.65 | 334.87 | 7,079.7 | 2,126.3 | -997.2 | 2,347.0 | 0.00 | 0.00 | 0.00 |
| 7,600.0 | 20.65 | 334.87 | 7,173.3 | 2,158.3 | -1,012.2 | 2,382.3 | 0.00 | 0.00 | 0.00 |
| 7,700.0 | 20.65 | 334.87 | 7,266.8 | 2,190.2 | -1,027.1 | 2,417.5 | 0.00 | 0.00 | 0.00 |
| 7,800.0 | 20.65 | 334.87 | 7,360.4 | 2,222.1 | -1,042.1 | 2,452.8 | 0.00 | 0.00 | 0.00 |
| 7,900.0 | 20.65 | 334.87 | 7,454.0 | 2,254.0 | -1,057.1 | 2,488.0 | 0.00 | 0.00 | 0.00 |
| 8,000.0 | 20.65 | 334.87 | 7,547.6 | 2,286.0 | -1,072.1 | 2,523.3 | 0.00 | 0.00 | 0.00 |
| 8,100.0 | 20.65 | 334.87 | 7,641.1 | 2,317.9 | -1,087.0 | 2,558.5 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 20.65 | 334.87 | 7,734.7 | 2,349.8 | -1,102.0 | 2,593.8 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 20.65 | 334.87 | 7,828.3 | 2,381.8 | -1,117.0 | 2,629.0 | 0.00 | 0.00 | 0.00 |
| Drop 3° /100' | | | | | | | | | |
| 8,390.0 | 20.65 | 334.87 | 7,912.5 | 2,410.5 | -1,130.5 | 2,660.7 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 20.35 | 334.87 | 7,921.9 | 2,413.7 | -1,131.9 | 2,664.2 | 3.00 | -3.00 | 0.00 |
| 8,500.0 | 17.35 | 334.87 | 8,016.5 | 2,442.9 | -1,145.7 | 2,696.5 | 3.00 | -3.00 | 0.00 |
| 8,600.0 | 14.35 | 334.87 | 8,112.7 | 2,467.6 | -1,157.3 | 2,723.8 | 3.00 | -3.00 | 0.00 |
| 8,700.0 | 11.35 | 334.87 | 8,210.2 | 2,487.8 | -1,166.7 | 2,746.0 | 3.00 | -3.00 | 0.00 |
| 8,800.0 | 8.35 | 334.87 | 8,308.7 | 2,503.2 | -1,174.0 | 2,763.1 | 3.00 | -3.00 | 0.00 |
| 8,900.0 | 5.35 | 334.87 | 8,408.0 | 2,514.0 | -1,179.0 | 2,775.0 | 3.00 | -3.00 | 0.00 |
| 9,000.0 | 2.35 | 334.87 | 8,507.7 | 2,520.1 | -1,181.9 | 2,781.7 | 3.00 | -3.00 | 0.00 |
| EOD @ Vertical / Build 1.5° / 100' - Ohio Creek | | | | | | | | | |
| 9,078.3 | 0.00 | 0.00 | 8,586.0 | 2,521.6 | -1,182.5 | 2,783.3 | 3.00 | -3.00 | 0.00 |
| 9,100.0 | 0.33 | 250.00 | 8,607.7 | 2,521.5 | -1,182.6 | 2,783.3 | 1.50 | 1.50 | 0.00 |
| EOB @ 1.34° Inc. / 250.00° Azm | | | | | | | | | |
| 9,167.7 | 1.34 | 250.00 | 8,675.4 | 2,521.2 | -1,183.5 | 2,783.5 | 1.50 | 1.50 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU O13 FED 12B-13 496 - Slot 12B-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 12B-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) |
| 9,200.0 | 1.34 | 250.00 | 8,707.7 | 2,521.0 | -1,184.2 | 2,783.5 | 0.00 | 0.00 | 0.00 |
| 9,300.0 | 1.34 | 250.00 | 8,807.7 | 2,520.2 | -1,186.4 | 2,783.8 | 0.00 | 0.00 | 0.00 |
| 9,400.0 | 1.34 | 250.00 | 8,907.6 | 2,519.4 | -1,188.6 | 2,784.1 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 1.34 | 250.00 | 9,007.6 | 2,518.6 | -1,190.8 | 2,784.4 | 0.00 | 0.00 | 0.00 |
| 9,600.0 | 1.34 | 250.00 | 9,107.6 | 2,517.8 | -1,193.0 | 2,784.7 | 0.00 | 0.00 | 0.00 |
| Williams Fork | | | | | | | | | |
| 9,663.4 | 1.34 | 250.00 | 9,171.0 | 2,517.2 | -1,194.4 | 2,784.9 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 1.34 | 250.00 | 9,207.6 | 2,517.0 | -1,195.2 | 2,785.0 | 0.00 | 0.00 | 0.00 |
| 9,800.0 | 1.34 | 250.00 | 9,307.5 | 2,516.2 | -1,197.4 | 2,785.3 | 0.00 | 0.00 | 0.00 |
| 9,900.0 | 1.34 | 250.00 | 9,407.5 | 2,515.4 | -1,199.6 | 2,785.6 | 0.00 | 0.00 | 0.00 |
| 10,000.0 | 1.34 | 250.00 | 9,507.5 | 2,514.6 | -1,201.8 | 2,785.9 | 0.00 | 0.00 | 0.00 |
| 10,100.0 | 1.34 | 250.00 | 9,607.4 | 2,513.8 | -1,204.0 | 2,786.2 | 0.00 | 0.00 | 0.00 |
| 10,200.0 | 1.34 | 250.00 | 9,707.4 | 2,512.9 | -1,206.2 | 2,786.5 | 0.00 | 0.00 | 0.00 |
| 10,300.0 | 1.34 | 250.00 | 9,807.4 | 2,512.1 | -1,208.4 | 2,786.8 | 0.00 | 0.00 | 0.00 |
| 10,400.0 | 1.34 | 250.00 | 9,907.4 | 2,511.3 | -1,210.6 | 2,787.1 | 0.00 | 0.00 | 0.00 |
| 10,500.0 | 1.34 | 250.00 | 10,007.3 | 2,510.5 | -1,212.8 | 2,787.3 | 0.00 | 0.00 | 0.00 |
| 10,600.0 | 1.34 | 250.00 | 10,107.3 | 2,509.7 | -1,215.0 | 2,787.6 | 0.00 | 0.00 | 0.00 |
| 10,700.0 | 1.34 | 250.00 | 10,207.3 | 2,508.9 | -1,217.2 | 2,787.9 | 0.00 | 0.00 | 0.00 |
| 10,800.0 | 1.34 | 250.00 | 10,307.3 | 2,508.1 | -1,219.4 | 2,788.2 | 0.00 | 0.00 | 0.00 |
| 10,900.0 | 1.34 | 250.00 | 10,407.2 | 2,507.3 | -1,221.6 | 2,788.5 | 0.00 | 0.00 | 0.00 |
| 11,000.0 | 1.34 | 250.00 | 10,507.2 | 2,506.5 | -1,223.8 | 2,788.8 | 0.00 | 0.00 | 0.00 |
| 11,100.0 | 1.34 | 250.00 | 10,607.2 | 2,505.7 | -1,226.0 | 2,789.1 | 0.00 | 0.00 | 0.00 |
| 11,200.0 | 1.34 | 250.00 | 10,707.1 | 2,504.9 | -1,228.2 | 2,789.4 | 0.00 | 0.00 | 0.00 |
| 11,300.0 | 1.34 | 250.00 | 10,807.1 | 2,504.1 | -1,230.4 | 2,789.7 | 0.00 | 0.00 | 0.00 |
| 11,400.0 | 1.34 | 250.00 | 10,907.1 | 2,503.3 | -1,232.6 | 2,790.0 | 0.00 | 0.00 | 0.00 |
| 11,500.0 | 1.34 | 250.00 | 11,007.1 | 2,502.5 | -1,234.8 | 2,790.3 | 0.00 | 0.00 | 0.00 |
| 11,600.0 | 1.34 | 250.00 | 11,107.0 | 2,501.7 | -1,237.0 | 2,790.6 | 0.00 | 0.00 | 0.00 |
| 11,700.0 | 1.34 | 250.00 | 11,207.0 | 2,500.9 | -1,239.2 | 2,790.8 | 0.00 | 0.00 | 0.00 |
| 11,800.0 | 1.34 | 250.00 | 11,307.0 | 2,500.1 | -1,241.4 | 2,791.1 | 0.00 | 0.00 | 0.00 |
| 11,900.0 | 1.34 | 250.00 | 11,407.0 | 2,499.3 | -1,243.6 | 2,791.4 | 0.00 | 0.00 | 0.00 |
| 12,000.0 | 1.34 | 250.00 | 11,506.9 | 2,498.5 | -1,245.8 | 2,791.7 | 0.00 | 0.00 | 0.00 |
| 12,100.0 | 1.34 | 250.00 | 11,606.9 | 2,497.7 | -1,248.0 | 2,792.0 | 0.00 | 0.00 | 0.00 |
| 12,200.0 | 1.34 | 250.00 | 11,706.9 | 2,496.9 | -1,250.2 | 2,792.3 | 0.00 | 0.00 | 0.00 |
| 12,300.0 | 1.34 | 250.00 | 11,806.8 | 2,496.1 | -1,252.4 | 2,792.6 | 0.00 | 0.00 | 0.00 |
| 12,400.0 | 1.34 | 250.00 | 11,906.8 | 2,495.3 | -1,254.6 | 2,792.9 | 0.00 | 0.00 | 0.00 |
| 12,500.0 | 1.34 | 250.00 | 12,006.8 | 2,494.5 | -1,256.8 | 2,793.2 | 0.00 | 0.00 | 0.00 |
| Cameo | | | | | | | | | |
| 12,549.2 | 1.34 | 250.00 | 12,056.0 | 2,494.1 | -1,257.9 | 2,793.3 | 0.00 | 0.00 | 0.00 |
| 12,600.0 | 1.34 | 250.00 | 12,106.8 | 2,493.7 | -1,259.0 | 2,793.5 | 0.00 | 0.00 | 0.00 |
| 12,700.0 | 1.34 | 250.00 | 12,206.7 | 2,492.9 | -1,261.2 | 2,793.8 | 0.00 | 0.00 | 0.00 |
| 12,800.0 | 1.34 | 250.00 | 12,306.7 | 2,492.1 | -1,263.4 | 2,794.1 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 12,896.3 | 1.34 | 250.00 | 12,403.0 | 2,491.4 | -1,265.5 | 2,794.3 | 0.00 | 0.00 | 0.00 |
| 12,900.0 | 1.34 | 250.00 | 12,406.7 | 2,491.3 | -1,265.6 | 2,794.3 | 0.00 | 0.00 | 0.00 |
| 13,000.0 | 1.34 | 250.00 | 12,506.7 | 2,490.5 | -1,267.8 | 2,794.6 | 0.00 | 0.00 | 0.00 |
| 13,100.0 | 1.34 | 250.00 | 12,606.6 | 2,489.7 | -1,270.0 | 2,794.9 | 0.00 | 0.00 | 0.00 |
| 13,200.0 | 1.34 | 250.00 | 12,706.6 | 2,488.9 | -1,272.2 | 2,795.2 | 0.00 | 0.00 | 0.00 |
| 13,300.0 | 1.34 | 250.00 | 12,806.6 | 2,488.1 | -1,274.4 | 2,795.5 | 0.00 | 0.00 | 0.00 |
| TD @ 13396.5' MD / 12903.0' TVD | | | | | | | | | |
| 13,396.5 | 1.34 | 250.00 | 12,903.0 | 2,487.4 | -1,276.5 | 2,795.8 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well ELU O13 FED 12B-13 496 - Slot 12B-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 12B-13 496 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

Design Targets

Target Name

| - hit/miss target | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
|--|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|-----------|-------------|
| - Shape | | | | | | | | | |
| OHCR - 12B-13 | 0.00 | 0.00 | 8,586.0 | 2,521.6 | -1,182.5 | 14,431,881.91 | 2,450,828.22 | 39.705635 | -108.118835 |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |
| PBHL - 12B-13 | 0.00 | 0.00 | 12,903.0 | 2,487.4 | -1,276.5 | 14,431,844.70 | 2,450,735.40 | 39.705541 | -108.119169 |
| - plan hits target center | | | | | | | | | |
| - Ellipse (radii L100.0 W50.0 on 250.00 azi) | | | | | | | | | |

Formations

| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|-----------------------------|-----------------------------|---------------|-----------|------------|-------------------------|
| 4,263.4 | 4,051.0 | Wasatch | | | |
| 6,828.1 | 6,451.0 | Wasatch G | | | |
| 7,148.7 | 6,751.0 | Fort Union | | | |
| 9,078.3 | 8,586.0 | Ohio Creek | | | |
| 9,663.4 | 9,171.0 | Williams Fork | | | |
| 12,549.2 | 12,056.0 | Cameo | | | |
| 12,896.3 | 12,403.0 | 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' |
| 1,188.3 | 1,173.5 | 111.1 | -52.1 | EOB @ 20.65° Inc. / 334.87° Azm |
| 8,390.0 | 7,912.5 | 2,410.5 | -1,130.5 | Drop 3° / 100' |
| 9,078.3 | 8,586.0 | 2,521.6 | -1,182.5 | EOD @ Vertical / Build 1.5° / 100' |
| 9,167.7 | 8,675.4 | 2,521.2 | -1,183.5 | EOB @ 1.34° Inc. / 250.00° Azm |
| 13,396.5 | 12,903.0 | 2,487.4 | -1,276.5 | TD @ 13396.5' MD / 12903.0' TVD |