

Project: Rio Blanco County, CO
Site: ELU A18 495 Pad
Well: ELU A18 FED 15B-7-495
Wellbore: OH
Design: Design #5
Latitude: 39.709087
Longitude: -108.104228
Ground Level: 8029.0
RKB=30' @ 8059.0usft (TBD)

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=30' @ 8059.0usft (TBD)
Section (VS) Reference: Slot - 15B-7(0.0N, 0.0E)
Measured Depth Reference: RKB=30' @ 8059.0usft (TBD)
Calculation Method: Minimum Curvature

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	
490.0	0.00	0.00	490.0	0.0	0.0	0.00	0.00	0.0	Build 3' / 100'
880.1	11.70	38.86	877.4	30.9	24.9	3.00	38.86	39.7	EOB @ 11.70° Inc. / 38.86° Azm
8767.3	11.70	38.86	8600.6	1276.6	1028.5	0.00	0.00	1639.0	Drop 3' / 100'
9157.3	0.00	0.00	8988.0	1307.6	1053.4	3.00	180.00	1678.7	EOD @ Vertical / Build 1.5' / 100'
9242.1	1.27	240.00	9072.7	1307.1	1052.6	1.50	240.00	1677.8	EOB @ 1.27° Inc. / 240.00° Azm
13708.5	1.27	240.00	13538.0	1257.6	966.8	0.00	0.00	1586.3	TD @ 13708.5' MD / 13538.0' TVD

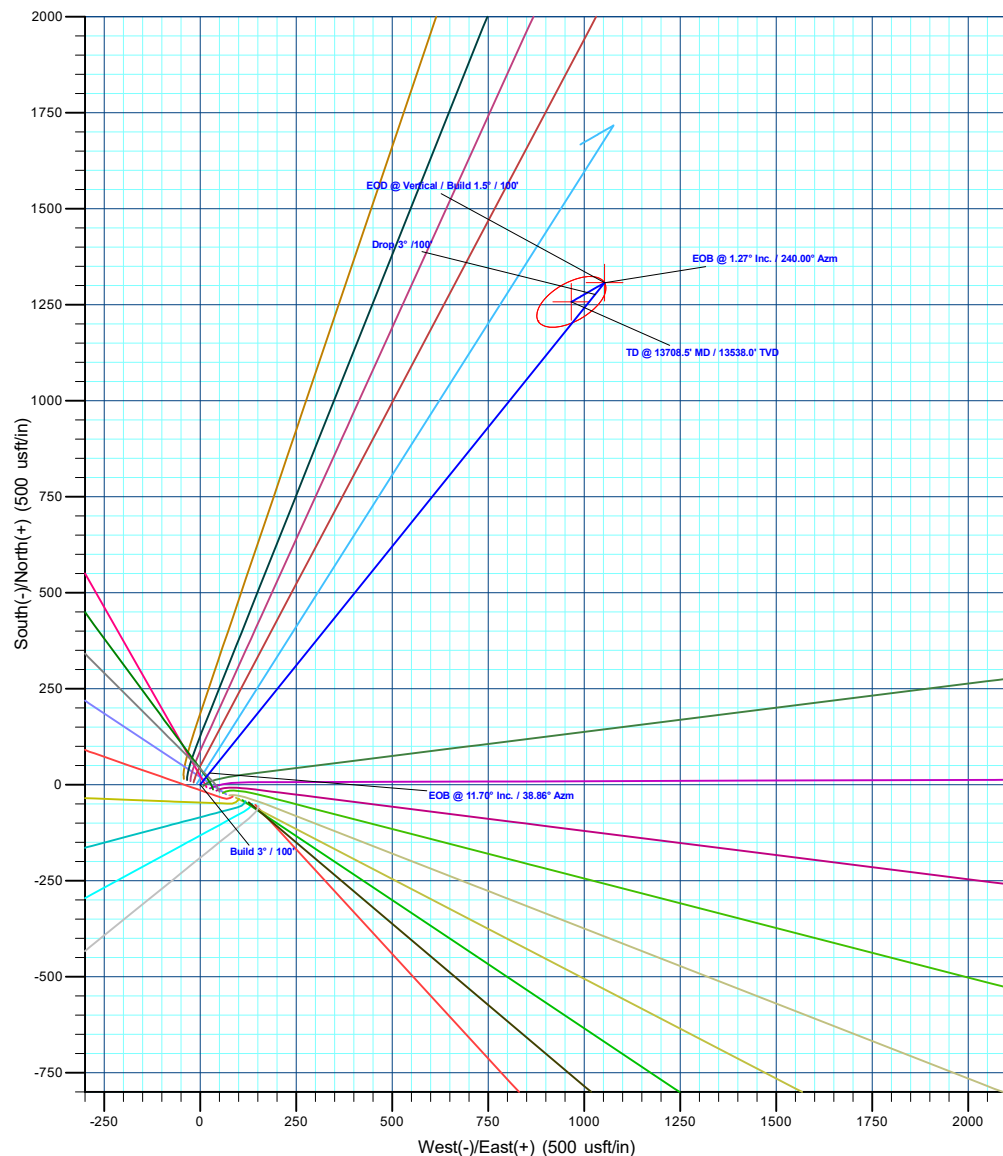
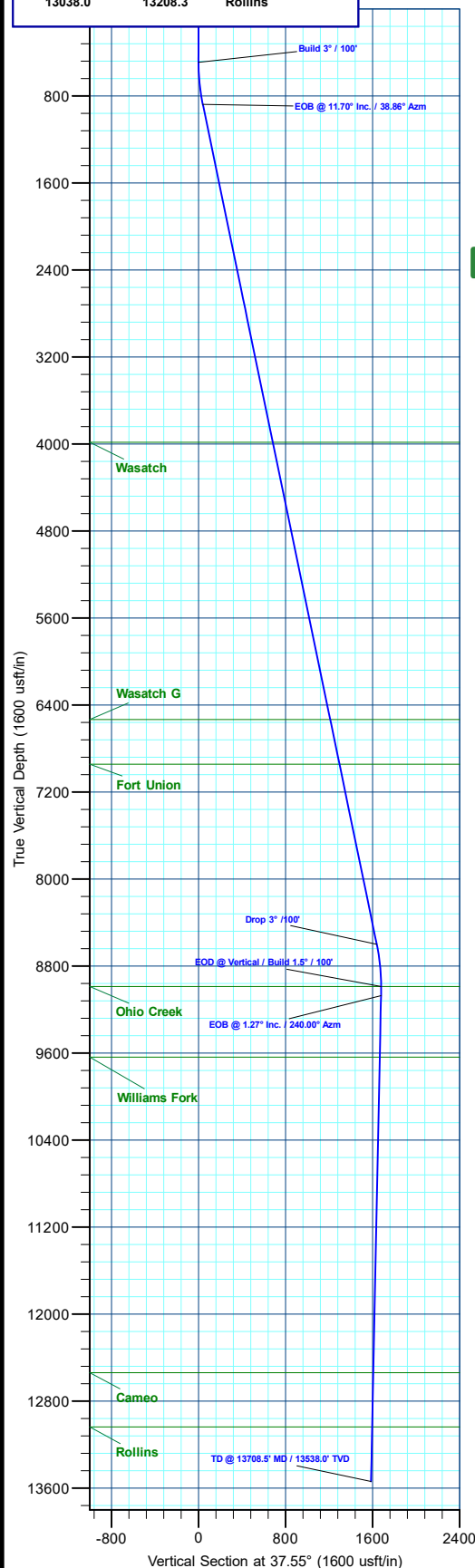
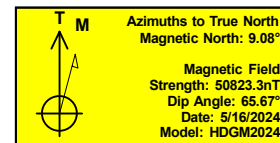
DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
15B-7 - OHCR	8988.0	1307.6	1053.4	14434612.57	2455907.64	39.712675	-108.100485
15B-7 - PBHL	13538.0	1257.6	966.8	14434559.80	2455822.70	39.712538	-108.100792

WELL DETAILS: ELU A18 FED 15B-7-495

	Ground Level : 8029.0						
+N/-S	0.0	+E/-W		Northing	Easting	Latitude	Longitude
				19	19	39.709087	-108.104228

15B-7



Plan: Design #5 (ELU A18 FED 15B-7-495/OH)

Created By: Will Jircik Date: 21:58, June 09 2024



Caerus Oil & Gas

Rio Blanco County, CO

ELU A18 495 Pad

ELU A18 FED 15B-7-495 - Slot 15B-7

OH

Plan: Design #5

KLX Well Planning Report

09 June, 2024



Database:	KLXDirectional-AD	Local Co-ordinate Reference:	Well ELU A18 FED 15B-7-495 - Slot 15B-7
Company:	Caerus Oil & Gas	TVD Reference:	RKB=30' @ 8059.0usft (TBD)
Project:	Rio Blanco County, CO	MD Reference:	RKB=30' @ 8059.0usft (TBD)
Site:	ELU A18 495 Pad	North Reference:	True
Well:	ELU A18 FED 15B-7-495	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Design #5		

Project	Rio Blanco County, CO		
Map System:	Universal Transverse Mercator (US Survey Feet)	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:	14,433,285.62 usft	Latitude:	39.709129
From:	Map	Easting:	2,454,854.21 usft	Longitude:	-108.104378
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.85 °

Well	ELU A18 FED 15B-7-495 - Slot 15B-7					
Well Position	+N/-S	-15.3 usft	Northing:	14,433,271.67 usft	Latitude:	39.709087
	+E/-W	42.3 usft	Easting:	2,454,896.99 usft	Longitude:	-108.104228
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	8,029.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2024	5/16/2024	9.08	65.67	50,823.30000000

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	37.55

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	
490.0	0.00	0.00	490.0	0.0	0.0	0.00	0.00	0.00	0.00	
880.1	11.70	38.86	877.4	30.9	24.9	3.00	3.00	0.00	38.86	
8,767.3	11.70	38.86	8,600.6	1,276.6	1,028.5	0.00	0.00	0.00	0.00	
9,157.3	0.00	0.00	8,988.0	1,307.6	1,053.4	3.00	-3.00	0.00	180.00	15B-7 - OHCR
9,242.1	1.27	240.00	9,072.7	1,307.1	1,052.6	1.50	1.50	-141.63	240.00	
13,708.5	1.27	240.00	13,538.0	1,257.6	966.8	0.00	0.00	0.00	0.00	15B-7 - PBHL

Database:	KLXDirectional-AD	Local Co-ordinate Reference:	Well ELU A18 FED 15B-7-495 - Slot 15B-7
Company:	Caerus Oil & Gas	TVD Reference:	RKB=30' @ 8059.0usft (TBD)
Project:	Rio Blanco County, CO	MD Reference:	RKB=30' @ 8059.0usft (TBD)
Site:	ELU A18 495 Pad	North Reference:	True
Well:	ELU A18 FED 15B-7-495	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
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
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
Build 3° / 100'									
490.0	0.00	0.00	490.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.30	38.86	500.0	0.0	0.0	0.0	3.00	3.00	0.00
600.0	3.30	38.86	599.9	2.5	2.0	3.2	3.00	3.00	0.00
700.0	6.30	38.86	699.6	9.0	7.2	11.5	3.00	3.00	0.00
800.0	9.30	38.86	798.6	19.5	15.7	25.1	3.00	3.00	0.00
EOB @ 11.70° Inc. / 38.86° Azm									
880.1	11.70	38.86	877.4	30.9	24.9	39.7	3.00	3.00	0.00
900.0	11.70	38.86	896.9	34.1	27.4	43.7	0.00	0.00	0.00
1,000.0	11.70	38.86	994.8	49.9	40.2	64.0	0.00	0.00	0.00
1,100.0	11.70	38.86	1,092.7	65.6	52.9	84.3	0.00	0.00	0.00
1,200.0	11.70	38.86	1,190.6	81.4	65.6	104.6	0.00	0.00	0.00
1,300.0	11.70	38.86	1,288.6	97.2	78.3	124.8	0.00	0.00	0.00
1,400.0	11.70	38.86	1,386.5	113.0	91.1	145.1	0.00	0.00	0.00
1,500.0	11.70	38.86	1,484.4	128.8	103.8	165.4	0.00	0.00	0.00
1,600.0	11.70	38.86	1,582.3	144.6	116.5	185.7	0.00	0.00	0.00
1,700.0	11.70	38.86	1,680.3	160.4	129.2	205.9	0.00	0.00	0.00
1,800.0	11.70	38.86	1,778.2	176.2	142.0	226.2	0.00	0.00	0.00
1,900.0	11.70	38.86	1,876.1	192.0	154.7	246.5	0.00	0.00	0.00
2,000.0	11.70	38.86	1,974.0	207.8	167.4	266.8	0.00	0.00	0.00
2,100.0	11.70	38.86	2,071.9	223.6	180.1	287.1	0.00	0.00	0.00
2,200.0	11.70	38.86	2,169.9	239.4	192.9	307.3	0.00	0.00	0.00
2,300.0	11.70	38.86	2,267.8	255.2	205.6	327.6	0.00	0.00	0.00
2,400.0	11.70	38.86	2,365.7	271.0	218.3	347.9	0.00	0.00	0.00
2,500.0	11.70	38.86	2,463.6	286.8	231.0	368.2	0.00	0.00	0.00
2,600.0	11.70	38.86	2,561.5	302.6	243.8	388.4	0.00	0.00	0.00
2,700.0	11.70	38.86	2,659.5	318.4	256.5	408.7	0.00	0.00	0.00
2,800.0	11.70	38.86	2,757.4	334.2	269.2	429.0	0.00	0.00	0.00
2,900.0	11.70	38.86	2,855.3	349.9	281.9	449.3	0.00	0.00	0.00
3,000.0	11.70	38.86	2,953.2	365.7	294.7	469.5	0.00	0.00	0.00
3,100.0	11.70	38.86	3,051.2	381.5	307.4	489.8	0.00	0.00	0.00
3,200.0	11.70	38.86	3,149.1	397.3	320.1	510.1	0.00	0.00	0.00
3,300.0	11.70	38.86	3,247.0	413.1	332.8	530.4	0.00	0.00	0.00
3,400.0	11.70	38.86	3,344.9	428.9	345.6	550.7	0.00	0.00	0.00
3,500.0	11.70	38.86	3,442.8	444.7	358.3	570.9	0.00	0.00	0.00
3,600.0	11.70	38.86	3,540.8	460.5	371.0	591.2	0.00	0.00	0.00
3,700.0	11.70	38.86	3,638.7	476.3	383.7	611.5	0.00	0.00	0.00
3,800.0	11.70	38.86	3,736.6	492.1	396.5	631.8	0.00	0.00	0.00
3,900.0	11.70	38.86	3,834.5	507.9	409.2	652.0	0.00	0.00	0.00
4,000.0	11.70	38.86	3,932.4	523.7	421.9	672.3	0.00	0.00	0.00
Wasatch									
4,052.6	11.70	38.86	3,984.0	532.0	428.6	683.0	0.00	0.00	0.00
4,100.0	11.70	38.86	4,030.4	539.5	434.6	692.6	0.00	0.00	0.00
4,200.0	11.70	38.86	4,128.3	555.3	447.4	712.9	0.00	0.00	0.00
4,300.0	11.70	38.86	4,226.2	571.1	460.1	733.2	0.00	0.00	0.00
4,400.0	11.70	38.86	4,324.1	586.9	472.8	753.4	0.00	0.00	0.00
4,500.0	11.70	38.86	4,422.1	602.7	485.5	773.7	0.00	0.00	0.00
4,600.0	11.70	38.86	4,520.0	618.4	498.3	794.0	0.00	0.00	0.00

Database:	KLXDirectional-AD	Local Co-ordinate Reference:	Well ELU A18 FED 15B-7-495 - Slot 15B-7
Company:	Caerus Oil & Gas	TVD Reference:	RKB=30' @ 8059.0usft (TBD)
Project:	Rio Blanco County, CO	MD Reference:	RKB=30' @ 8059.0usft (TBD)
Site:	ELU A18 495 Pad	North Reference:	True
Well:	ELU A18 FED 15B-7-495	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
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	11.70	38.86	4,617.9	634.2	511.0	814.3	0.00	0.00	0.00
4,800.0	11.70	38.86	4,715.8	650.0	523.7	834.5	0.00	0.00	0.00
4,900.0	11.70	38.86	4,813.7	665.8	536.4	854.8	0.00	0.00	0.00
5,000.0	11.70	38.86	4,911.7	681.6	549.2	875.1	0.00	0.00	0.00
5,100.0	11.70	38.86	5,009.6	697.4	561.9	895.4	0.00	0.00	0.00
5,200.0	11.70	38.86	5,107.5	713.2	574.6	915.6	0.00	0.00	0.00
5,300.0	11.70	38.86	5,205.4	729.0	587.3	935.9	0.00	0.00	0.00
5,400.0	11.70	38.86	5,303.3	744.8	600.1	956.2	0.00	0.00	0.00
5,500.0	11.70	38.86	5,401.3	760.6	612.8	976.5	0.00	0.00	0.00
5,600.0	11.70	38.86	5,499.2	776.4	625.5	996.8	0.00	0.00	0.00
5,700.0	11.70	38.86	5,597.1	792.2	638.2	1,017.0	0.00	0.00	0.00
5,800.0	11.70	38.86	5,695.0	808.0	651.0	1,037.3	0.00	0.00	0.00
5,900.0	11.70	38.86	5,793.0	823.8	663.7	1,057.6	0.00	0.00	0.00
6,000.0	11.70	38.86	5,890.9	839.6	676.4	1,077.9	0.00	0.00	0.00
6,100.0	11.70	38.86	5,988.8	855.4	689.1	1,098.1	0.00	0.00	0.00
6,200.0	11.70	38.86	6,086.7	871.2	701.9	1,118.4	0.00	0.00	0.00
6,300.0	11.70	38.86	6,184.6	887.0	714.6	1,138.7	0.00	0.00	0.00
6,400.0	11.70	38.86	6,282.6	902.7	727.3	1,159.0	0.00	0.00	0.00
6,500.0	11.70	38.86	6,380.5	918.5	740.0	1,179.3	0.00	0.00	0.00
6,600.0	11.70	38.86	6,478.4	934.3	752.8	1,199.5	0.00	0.00	0.00
Wasatch G									
6,656.8	11.70	38.86	6,534.0	943.3	760.0	1,211.0	0.00	0.00	0.00
6,700.0	11.70	38.86	6,576.3	950.1	765.5	1,219.8	0.00	0.00	0.00
6,800.0	11.70	38.86	6,674.2	965.9	778.2	1,240.1	0.00	0.00	0.00
6,900.0	11.70	38.86	6,772.2	981.7	790.9	1,260.4	0.00	0.00	0.00
7,000.0	11.70	38.86	6,870.1	997.5	803.7	1,280.6	0.00	0.00	0.00
Fort Union									
7,075.5	11.70	38.86	6,944.0	1,009.4	813.3	1,295.9	0.00	0.00	0.00
7,100.0	11.70	38.86	6,968.0	1,013.3	816.4	1,300.9	0.00	0.00	0.00
7,200.0	11.70	38.86	7,065.9	1,029.1	829.1	1,321.2	0.00	0.00	0.00
7,300.0	11.70	38.86	7,163.9	1,044.9	841.8	1,341.5	0.00	0.00	0.00
7,400.0	11.70	38.86	7,261.8	1,060.7	854.6	1,361.7	0.00	0.00	0.00
7,500.0	11.70	38.86	7,359.7	1,076.5	867.3	1,382.0	0.00	0.00	0.00
7,600.0	11.70	38.86	7,457.6	1,092.3	880.0	1,402.3	0.00	0.00	0.00
7,700.0	11.70	38.86	7,555.5	1,108.1	892.7	1,422.6	0.00	0.00	0.00
7,800.0	11.70	38.86	7,653.5	1,123.9	905.5	1,442.9	0.00	0.00	0.00
7,900.0	11.70	38.86	7,751.4	1,139.7	918.2	1,463.1	0.00	0.00	0.00
8,000.0	11.70	38.86	7,849.3	1,155.5	930.9	1,483.4	0.00	0.00	0.00
8,100.0	11.70	38.86	7,947.2	1,171.2	943.6	1,503.7	0.00	0.00	0.00
8,200.0	11.70	38.86	8,045.1	1,187.0	956.4	1,524.0	0.00	0.00	0.00
8,300.0	11.70	38.86	8,143.1	1,202.8	969.1	1,544.2	0.00	0.00	0.00
8,400.0	11.70	38.86	8,241.0	1,218.6	981.8	1,564.5	0.00	0.00	0.00
8,500.0	11.70	38.86	8,338.9	1,234.4	994.5	1,584.8	0.00	0.00	0.00
8,600.0	11.70	38.86	8,436.8	1,250.2	1,007.3	1,605.1	0.00	0.00	0.00
8,700.0	11.70	38.86	8,534.8	1,266.0	1,020.0	1,625.4	0.00	0.00	0.00
Drop 3° /100'									
8,767.3	11.70	38.86	8,600.6	1,276.6	1,028.5	1,639.0	0.00	0.00	0.00
8,800.0	10.72	38.86	8,632.7	1,281.6	1,032.5	1,645.4	3.00	-3.00	0.00
8,900.0	7.72	38.86	8,731.4	1,294.1	1,042.6	1,661.4	3.00	-3.00	0.00
9,000.0	4.72	38.86	8,830.8	1,302.5	1,049.4	1,672.2	3.00	-3.00	0.00
9,100.0	1.72	38.86	8,930.7	1,306.9	1,052.9	1,677.8	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek									
9,157.3	0.00	0.00	8,988.0	1,307.6	1,053.4	1,678.7	3.00	-3.00	0.00
9,200.0	0.64	240.00	9,030.7	1,307.4	1,053.2	1,678.5	1.50	1.50	0.00

Database:	KLXDirectional-AD	Local Co-ordinate Reference:	Well ELU A18 FED 15B-7-495 - Slot 15B-7
Company:	Caerus Oil & Gas	TVD Reference:	RKB=30' @ 8059.0usft (TBD)
Project:	Rio Blanco County, CO	MD Reference:	RKB=30' @ 8059.0usft (TBD)
Site:	ELU A18 495 Pad	North Reference:	True
Well:	ELU A18 FED 15B-7-495	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
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)
EOB @ 1.27° Inc. / 240.00° Azm									
9,242.1	1.27	240.00	9,072.7	1,307.1	1,052.6	1,677.8	1.50	1.50	0.00
9,300.0	1.27	240.00	9,130.6	1,306.4	1,051.5	1,676.6	0.00	0.00	0.00
9,400.0	1.27	240.00	9,230.6	1,305.3	1,049.6	1,674.6	0.00	0.00	0.00
9,500.0	1.27	240.00	9,330.6	1,304.2	1,047.7	1,672.5	0.00	0.00	0.00
9,600.0	1.27	240.00	9,430.6	1,303.1	1,045.8	1,670.5	0.00	0.00	0.00
9,700.0	1.27	240.00	9,530.5	1,302.0	1,043.8	1,668.4	0.00	0.00	0.00
9,800.0	1.27	240.00	9,630.5	1,300.9	1,041.9	1,666.4	0.00	0.00	0.00
Williams Fork									
9,807.5	1.27	240.00	9,638.0	1,300.8	1,041.8	1,666.2	0.00	0.00	0.00
9,900.0	1.27	240.00	9,730.5	1,299.8	1,040.0	1,664.3	0.00	0.00	0.00
10,000.0	1.27	240.00	9,830.5	1,298.7	1,038.1	1,662.3	0.00	0.00	0.00
10,100.0	1.27	240.00	9,930.4	1,297.6	1,036.1	1,660.2	0.00	0.00	0.00
10,200.0	1.27	240.00	10,030.4	1,296.5	1,034.2	1,658.2	0.00	0.00	0.00
10,300.0	1.27	240.00	10,130.4	1,295.4	1,032.3	1,656.1	0.00	0.00	0.00
10,400.0	1.27	240.00	10,230.4	1,294.2	1,030.4	1,654.1	0.00	0.00	0.00
10,500.0	1.27	240.00	10,330.3	1,293.1	1,028.5	1,652.0	0.00	0.00	0.00
10,600.0	1.27	240.00	10,430.3	1,292.0	1,026.5	1,650.0	0.00	0.00	0.00
10,700.0	1.27	240.00	10,530.3	1,290.9	1,024.6	1,647.9	0.00	0.00	0.00
10,800.0	1.27	240.00	10,630.3	1,289.8	1,022.7	1,645.9	0.00	0.00	0.00
10,900.0	1.27	240.00	10,730.2	1,288.7	1,020.8	1,643.8	0.00	0.00	0.00
11,000.0	1.27	240.00	10,830.2	1,287.6	1,018.9	1,641.8	0.00	0.00	0.00
11,100.0	1.27	240.00	10,930.2	1,286.5	1,016.9	1,639.7	0.00	0.00	0.00
11,200.0	1.27	240.00	11,030.2	1,285.4	1,015.0	1,637.7	0.00	0.00	0.00
11,300.0	1.27	240.00	11,130.1	1,284.3	1,013.1	1,635.6	0.00	0.00	0.00
11,400.0	1.27	240.00	11,230.1	1,283.2	1,011.2	1,633.6	0.00	0.00	0.00
11,500.0	1.27	240.00	11,330.1	1,282.0	1,009.3	1,631.5	0.00	0.00	0.00
11,600.0	1.27	240.00	11,430.1	1,280.9	1,007.3	1,629.5	0.00	0.00	0.00
11,700.0	1.27	240.00	11,530.0	1,279.8	1,005.4	1,627.4	0.00	0.00	0.00
11,800.0	1.27	240.00	11,630.0	1,278.7	1,003.5	1,625.4	0.00	0.00	0.00
11,900.0	1.27	240.00	11,730.0	1,277.6	1,001.6	1,623.3	0.00	0.00	0.00
12,000.0	1.27	240.00	11,830.0	1,276.5	999.7	1,621.3	0.00	0.00	0.00
12,100.0	1.27	240.00	11,929.9	1,275.4	997.7	1,619.2	0.00	0.00	0.00
12,200.0	1.27	240.00	12,029.9	1,274.3	995.8	1,617.2	0.00	0.00	0.00
12,300.0	1.27	240.00	12,129.9	1,273.2	993.9	1,615.1	0.00	0.00	0.00
12,400.0	1.27	240.00	12,229.9	1,272.1	992.0	1,613.1	0.00	0.00	0.00
12,500.0	1.27	240.00	12,329.8	1,271.0	990.0	1,611.0	0.00	0.00	0.00
12,600.0	1.27	240.00	12,429.8	1,269.8	988.1	1,609.0	0.00	0.00	0.00
12,700.0	1.27	240.00	12,529.8	1,268.7	986.2	1,606.9	0.00	0.00	0.00
Cameo									
12,708.2	1.27	240.00	12,538.0	1,268.6	986.0	1,606.8	0.00	0.00	0.00
12,800.0	1.27	240.00	12,629.8	1,267.6	984.3	1,604.9	0.00	0.00	0.00
12,900.0	1.27	240.00	12,729.7	1,266.5	982.4	1,602.8	0.00	0.00	0.00
13,000.0	1.27	240.00	12,829.7	1,265.4	980.4	1,600.8	0.00	0.00	0.00
13,100.0	1.27	240.00	12,929.7	1,264.3	978.5	1,598.7	0.00	0.00	0.00
13,200.0	1.27	240.00	13,029.7	1,263.2	976.6	1,596.7	0.00	0.00	0.00
Rollins									
13,208.3	1.27	240.00	13,038.0	1,263.1	976.4	1,596.5	0.00	0.00	0.00
13,300.0	1.27	240.00	13,129.6	1,262.1	974.7	1,594.6	0.00	0.00	0.00
13,400.0	1.27	240.00	13,229.6	1,261.0	972.8	1,592.6	0.00	0.00	0.00
13,500.0	1.27	240.00	13,329.6	1,259.9	970.8	1,590.5	0.00	0.00	0.00
13,600.0	1.27	240.00	13,429.6	1,258.8	968.9	1,588.5	0.00	0.00	0.00
TD @ 13708.5' MD / 13538.0' TVD									

Database:	KLXDirectional-AD	Local Co-ordinate Reference:	Well ELU A18 FED 15B-7-495 - Slot 15B-7
Company:	Caerus Oil & Gas	TVD Reference:	RKB=30' @ 8059.0usft (TBD)
Project:	Rio Blanco County, CO	MD Reference:	RKB=30' @ 8059.0usft (TBD)
Site:	ELU A18 495 Pad	North Reference:	True
Well:	ELU A18 FED 15B-7-495	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
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)
13,708.5	1.27	240.00	13,538.0	1,257.6	966.8	1,586.3	0.00	0.00	0.00

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
15B-7 - OHCR - plan hits target center - Point	0.00	0.00	8,988.0	1,307.6	1,053.4	14,434,612.57	2,455,907.65	39.712675	-108.100485
15B-7 - PBHL - plan hits target center - Ellipse (radii L100.0 W50.0 on 240.00 azi)	0.00	0.00	13,538.0	1,257.6	966.8	14,434,559.80	2,455,822.70	39.712538	-108.100793

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,052.6	3,984.0	Wasatch				
6,656.8	6,534.0	Wasatch G				
7,075.5	6,944.0	Fort Union				
9,157.3	8,988.0	Ohio Creek				
9,807.5	9,638.0	Williams Fork				
12,708.2	12,538.0	Cameo				
13,208.3	13,038.0	Rollins				

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
490.0	490.0	0.0	0.0	Build 3° / 100'
880.1	877.4	30.9	24.9	EOB @ 11.70° Inc. / 38.86° Azm
8,767.3	8,600.6	1,276.6	1,028.5	Drop 3° / 100'
9,157.3	8,988.0	1,307.6	1,053.4	EOD @ Vertical / Build 1.5° / 100'
9,242.1	9,072.7	1,307.1	1,052.6	EOB @ 1.27° Inc. / 240.00° Azm
13,708.5	13,538.0	1,257.6	966.8	TD @ 13708.5' MD / 13538.0' TVD