

Project: Garfield County, CO
 Site: NPM G35 496 Pad
 Well: BJU G35 FED 12D-35 496
 Wellbore: Wellbore #1
 Design: Design #2
 Latitude: 39.660649
 Longitude: -108.134328
 Ground Level: 8164.0
 RKB @ 8194.0usft (H&P#329)

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2527.0	2641.1	Wasatch
5527.0	5821.6	Wasatch G
5807.0	6118.4	Fort Union
7810.0	8216.0	Ohio Creek
7810.0	8216.0	TOG
8087.0	8463.1	Williams Fork
10794.0	11201.1	Cameo
11392.0	11799.3	Rollins

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well BJU G35 FED 12D-35 496 - Slot 12D-35, True North
 Vertical (TVD) Reference: RKB @ 8194.0usft (H&P#329)
 Section (VS) Reference: Slot - 12D-35(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8194.0usft (H&P#329)
 Calculation Method: Minimum Curvature

WELL DETAILS: BJU G35 FED 12D-35 496

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	14415358.60	8164.0 2446993.30	39.660649	-108.134328 12D-35

PROJECT DETAILS: Garfield County, CO

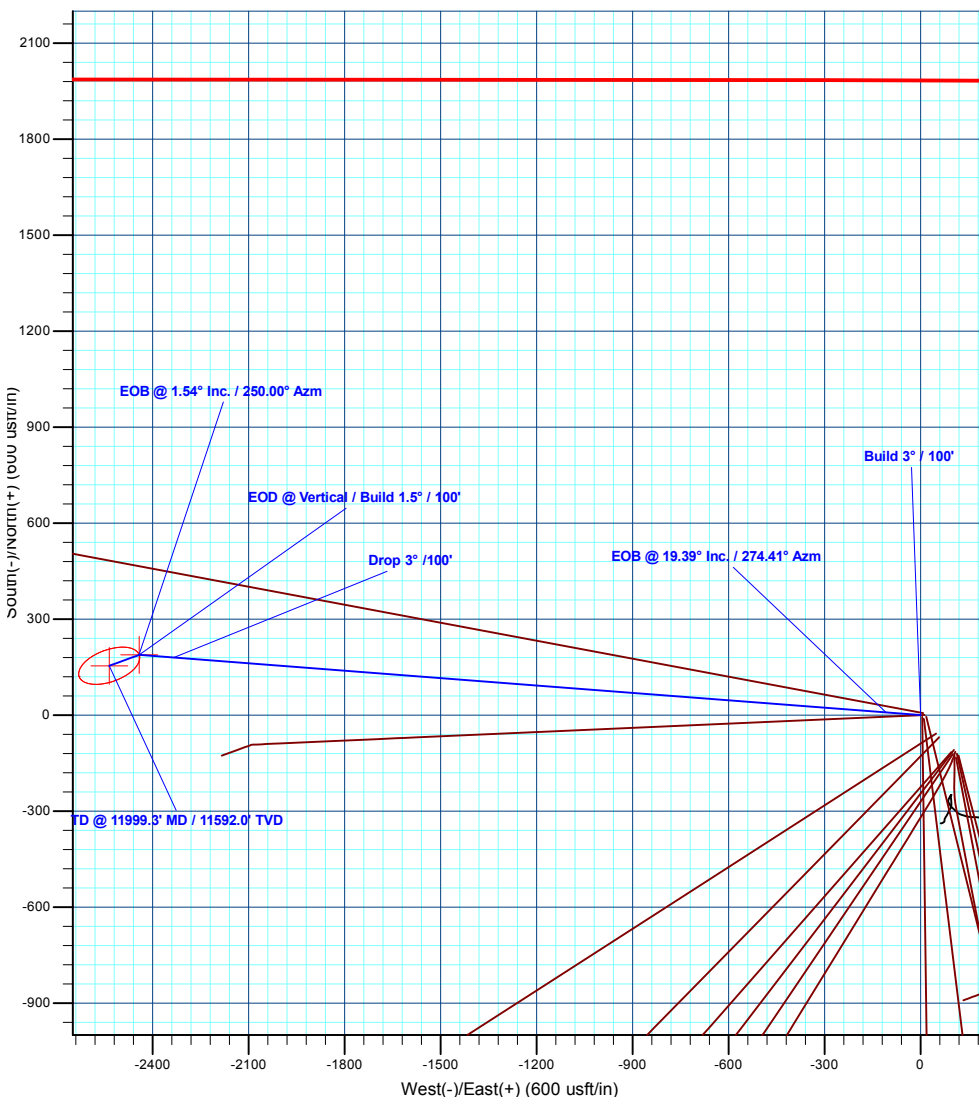
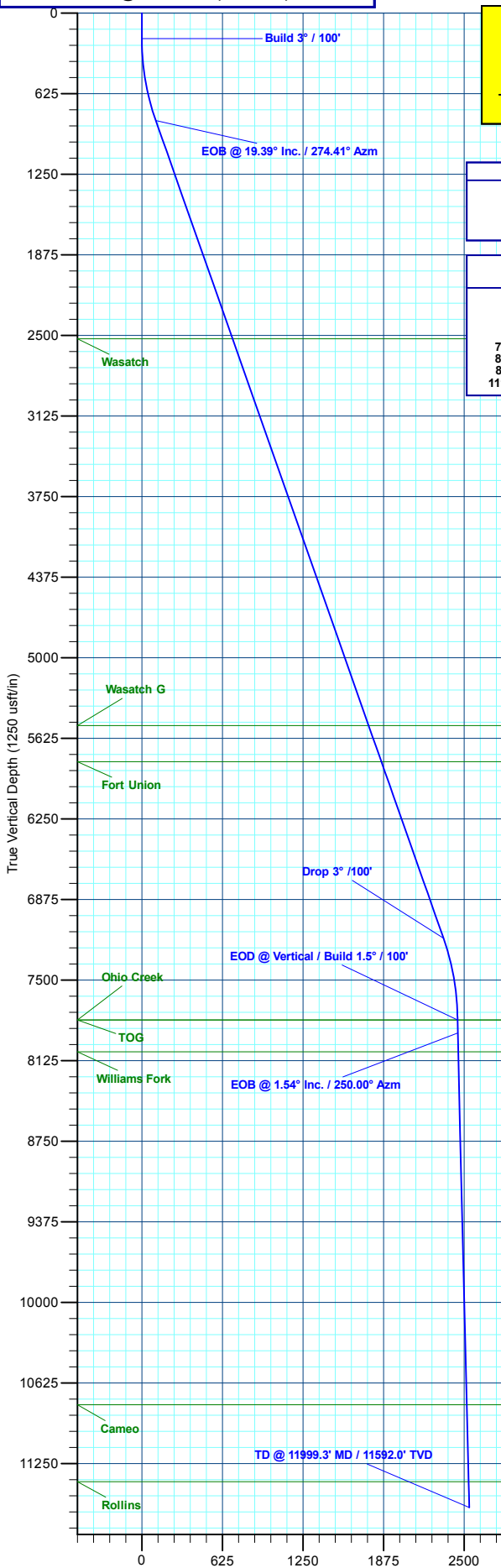
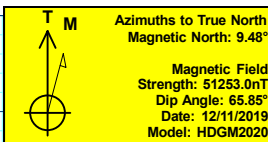
Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 1927 - Western US
 Ellipsoid: Clarke 1866
 Zone: Zone 12N (114 W to 108 W)
 System Datum: Mean Sea Level

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
12D-35 - OHCR	7810.0	188.5	-2441.9	14415468.99	2444546.63	39.661166	-108.142998
12D-35 - PBHL	11592.0	154.3	-2535.9	14415431.80	2444453.80	39.661072	-108.143332

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	Build 3° / 100'
846.4	19.39	274.41	834.2	8.3	-108.0	3.00	274.41	108.3	EOB @ 19.39° Inc. / 274.41° Azm
7569.6	19.39	274.41	7175.8	180.1	-2333.9	0.00	0.00	2340.5	Drop 3° / 100'
8216.0	0.00	0.00	7810.0	188.5	-2441.9	3.00	180.00	2448.8	EOD @ Vertical / Build 1.5° / 100'
8318.4	1.54	250.00	7912.3	188.0	-2443.2	1.50	250.00	2450.1	EOB @ 1.54° Inc. / 250.00° Azm
11999.3	1.54	250.00	11592.0	154.3	-2535.9	0.00	0.00	2540.6	TD @ 11999.3' MD / 11592.0' TVD



Plan: Design #2 (BJU G35 FED 12D-35 496/Wellbore #1)

Created By: Will Jircik Date: 11:52, June 07 2021



Caerus Oil & Gas

Garfield County, CO

NPM G35 496 Pad

BJU G35 FED 12D-35 496 - Slot 12D-35

Wellbore #1

Plan: Design #2

KLX Well Planning Report

07 June, 2021



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 12D-35 496 - Slot 12D-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (H&P#329)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 12D-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Project	Garfield 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		NPM G35 496 Pad				
Site Position:		Northing:	14,415,365.20 usft	Latitude:	39.660667	
From:	Map	Easting:	2,447,000.80 usft	Longitude:	-108.134301	
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.83 °

Well	BJU G35 FED 12D-35 496 - Slot 12D-35					
Well Position	+N/-S	-6.4 usft	Northing:	14,415,358.60 usft	Latitude:	39.660650
	+E/-W	-7.7 usft	Easting:	2,446,993.30 usft	Longitude:	-108.134329
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	8,164.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2020	12/11/2019	9.48	65.85	51,253.00000000

Design	Design #2			
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	273.48

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	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
846.4	19.39	274.41	834.2	8.3	-108.0	3.00	3.00	0.00	274.41	
7,569.6	19.39	274.41	7,175.8	180.1	-2,333.9	0.00	0.00	0.00	0.00	
8,216.0	0.00	0.00	7,810.0	188.5	-2,441.9	3.00	-3.00	0.00	180.00	12D-35 - OHCR
8,318.4	1.54	250.00	7,912.3	188.0	-2,443.2	1.50	1.50	-107.47	250.00	
11,999.3	1.54	250.00	11,592.0	154.3	-2,535.9	0.00	0.00	0.00	0.00	12D-35 - PBHL

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 12D-35 496 - Slot 12D-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (H&P#329)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 12D-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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
Build 3° / 100'									
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	3.00	274.41	300.0	0.2	-2.6	2.6	3.00	3.00	0.00
400.0	6.00	274.41	399.6	0.8	-10.4	10.5	3.00	3.00	0.00
500.0	9.00	274.41	498.8	1.8	-23.4	23.5	3.00	3.00	0.00
600.0	12.00	274.41	597.1	3.2	-41.6	41.7	3.00	3.00	0.00
700.0	15.00	274.41	694.3	5.0	-64.9	65.1	3.00	3.00	0.00
800.0	18.00	274.41	790.2	7.2	-93.2	93.5	3.00	3.00	0.00
EOB @ 19.39° Inc. / 274.41° Azm									
846.4	19.39	274.41	834.2	8.3	-108.0	108.3	3.00	3.00	0.00
900.0	19.39	274.41	884.7	9.7	-125.8	126.1	0.00	0.00	0.00
1,000.0	19.39	274.41	979.0	12.3	-158.9	159.3	0.00	0.00	0.00
1,100.0	19.39	274.41	1,073.3	14.8	-192.0	192.5	0.00	0.00	0.00
1,200.0	19.39	274.41	1,167.7	17.4	-225.1	225.7	0.00	0.00	0.00
1,300.0	19.39	274.41	1,262.0	19.9	-258.2	258.9	0.00	0.00	0.00
1,400.0	19.39	274.41	1,356.3	22.5	-291.3	292.1	0.00	0.00	0.00
1,500.0	19.39	274.41	1,450.6	25.0	-324.4	325.3	0.00	0.00	0.00
1,600.0	19.39	274.41	1,545.0	27.6	-357.5	358.5	0.00	0.00	0.00
1,700.0	19.39	274.41	1,639.3	30.1	-390.6	391.7	0.00	0.00	0.00
1,800.0	19.39	274.41	1,733.6	32.7	-423.7	424.9	0.00	0.00	0.00
1,900.0	19.39	274.41	1,827.9	35.3	-456.8	458.1	0.00	0.00	0.00
2,000.0	19.39	274.41	1,922.3	37.8	-489.9	491.3	0.00	0.00	0.00
2,100.0	19.39	274.41	2,016.6	40.4	-523.1	524.5	0.00	0.00	0.00
2,200.0	19.39	274.41	2,110.9	42.9	-556.2	557.7	0.00	0.00	0.00
2,300.0	19.39	274.41	2,205.3	45.5	-589.3	590.9	0.00	0.00	0.00
2,400.0	19.39	274.41	2,299.6	48.0	-622.4	624.1	0.00	0.00	0.00
2,500.0	19.39	274.41	2,393.9	50.6	-655.5	657.3	0.00	0.00	0.00
2,600.0	19.39	274.41	2,488.2	53.1	-688.6	690.5	0.00	0.00	0.00
Wasatch									
2,641.1	19.39	274.41	2,527.0	54.2	-702.2	704.2	0.00	0.00	0.00
2,700.0	19.39	274.41	2,582.6	55.7	-721.7	723.7	0.00	0.00	0.00
2,800.0	19.39	274.41	2,676.9	58.3	-754.8	756.9	0.00	0.00	0.00
2,900.0	19.39	274.41	2,771.2	60.8	-787.9	790.1	0.00	0.00	0.00
3,000.0	19.39	274.41	2,865.5	63.4	-821.0	823.3	0.00	0.00	0.00
3,100.0	19.39	274.41	2,959.9	65.9	-854.1	856.5	0.00	0.00	0.00
3,200.0	19.39	274.41	3,054.2	68.5	-887.2	889.8	0.00	0.00	0.00
3,300.0	19.39	274.41	3,148.5	71.0	-920.3	923.0	0.00	0.00	0.00
3,400.0	19.39	274.41	3,242.8	73.6	-953.4	956.2	0.00	0.00	0.00
3,500.0	19.39	274.41	3,337.2	76.1	-986.6	989.4	0.00	0.00	0.00
3,600.0	19.39	274.41	3,431.5	78.7	-1,019.7	1,022.6	0.00	0.00	0.00
3,700.0	19.39	274.41	3,525.8	81.3	-1,052.8	1,055.8	0.00	0.00	0.00
3,800.0	19.39	274.41	3,620.1	83.8	-1,085.9	1,089.0	0.00	0.00	0.00
3,900.0	19.39	274.41	3,714.5	86.4	-1,119.0	1,122.2	0.00	0.00	0.00
4,000.0	19.39	274.41	3,808.8	88.9	-1,152.1	1,155.4	0.00	0.00	0.00
4,100.0	19.39	274.41	3,903.1	91.5	-1,185.2	1,188.6	0.00	0.00	0.00
4,200.0	19.39	274.41	3,997.4	94.0	-1,218.3	1,221.8	0.00	0.00	0.00
4,300.0	19.39	274.41	4,091.8	96.6	-1,251.4	1,255.0	0.00	0.00	0.00
4,400.0	19.39	274.41	4,186.1	99.1	-1,284.5	1,288.2	0.00	0.00	0.00
4,500.0	19.39	274.41	4,280.4	101.7	-1,317.6	1,321.4	0.00	0.00	0.00
4,600.0	19.39	274.41	4,374.8	104.2	-1,350.7	1,354.6	0.00	0.00	0.00
4,700.0	19.39	274.41	4,469.1	106.8	-1,383.8	1,387.8	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 12D-35 496 - Slot 12D-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (H&P#329)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 12D-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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	19.39	274.41	4,563.4	109.4	-1,416.9	1,421.0	0.00	0.00	0.00	
4,900.0	19.39	274.41	4,657.7	111.9	-1,450.0	1,454.2	0.00	0.00	0.00	
5,000.0	19.39	274.41	4,752.1	114.5	-1,483.2	1,487.4	0.00	0.00	0.00	
5,100.0	19.39	274.41	4,846.4	117.0	-1,516.3	1,520.6	0.00	0.00	0.00	
5,200.0	19.39	274.41	4,940.7	119.6	-1,549.4	1,553.8	0.00	0.00	0.00	
5,300.0	19.39	274.41	5,035.0	122.1	-1,582.5	1,587.0	0.00	0.00	0.00	
5,400.0	19.39	274.41	5,129.4	124.7	-1,615.6	1,620.2	0.00	0.00	0.00	
5,500.0	19.39	274.41	5,223.7	127.2	-1,648.7	1,653.4	0.00	0.00	0.00	
5,600.0	19.39	274.41	5,318.0	129.8	-1,681.8	1,686.6	0.00	0.00	0.00	
5,700.0	19.39	274.41	5,412.3	132.4	-1,714.9	1,719.8	0.00	0.00	0.00	
5,800.0	19.39	274.41	5,506.7	134.9	-1,748.0	1,753.0	0.00	0.00	0.00	
Wasatch G										
5,821.6	19.39	274.41	5,527.0	135.5	-1,755.1	1,760.1	0.00	0.00	0.00	
5,900.0	19.39	274.41	5,601.0	137.5	-1,781.1	1,786.2	0.00	0.00	0.00	
6,000.0	19.39	274.41	5,695.3	140.0	-1,814.2	1,819.4	0.00	0.00	0.00	
6,100.0	19.39	274.41	5,789.6	142.6	-1,847.3	1,852.6	0.00	0.00	0.00	
Fort Union										
6,118.4	19.39	274.41	5,807.0	143.0	-1,853.4	1,858.7	0.00	0.00	0.00	
6,200.0	19.39	274.41	5,884.0	145.1	-1,880.4	1,885.8	0.00	0.00	0.00	
6,300.0	19.39	274.41	5,978.3	147.7	-1,913.5	1,919.0	0.00	0.00	0.00	
6,400.0	19.39	274.41	6,072.6	150.2	-1,946.6	1,952.2	0.00	0.00	0.00	
6,500.0	19.39	274.41	6,166.9	152.8	-1,979.8	1,985.4	0.00	0.00	0.00	
6,600.0	19.39	274.41	6,261.3	155.4	-2,012.9	2,018.6	0.00	0.00	0.00	
6,700.0	19.39	274.41	6,355.6	157.9	-2,046.0	2,051.8	0.00	0.00	0.00	
6,800.0	19.39	274.41	6,449.9	160.5	-2,079.1	2,085.0	0.00	0.00	0.00	
6,900.0	19.39	274.41	6,544.3	163.0	-2,112.2	2,118.2	0.00	0.00	0.00	
7,000.0	19.39	274.41	6,638.6	165.6	-2,145.3	2,151.4	0.00	0.00	0.00	
7,100.0	19.39	274.41	6,732.9	168.1	-2,178.4	2,184.6	0.00	0.00	0.00	
7,200.0	19.39	274.41	6,827.2	170.7	-2,211.5	2,217.8	0.00	0.00	0.00	
7,300.0	19.39	274.41	6,921.6	173.2	-2,244.6	2,251.0	0.00	0.00	0.00	
7,400.0	19.39	274.41	7,015.9	175.8	-2,277.7	2,284.2	0.00	0.00	0.00	
7,500.0	19.39	274.41	7,110.2	178.4	-2,310.8	2,317.4	0.00	0.00	0.00	
Drop 3° /100'										
7,569.6	19.39	274.41	7,175.8	180.1	-2,333.9	2,340.5	0.00	0.00	0.00	
7,600.0	18.48	274.41	7,204.6	180.9	-2,343.7	2,350.4	3.00	-3.00	0.00	
7,700.0	15.48	274.41	7,300.2	183.1	-2,372.8	2,379.6	3.00	-3.00	0.00	
7,800.0	12.48	274.41	7,397.3	185.0	-2,396.9	2,403.7	3.00	-3.00	0.00	
7,900.0	9.48	274.41	7,495.4	186.5	-2,415.9	2,422.8	3.00	-3.00	0.00	
8,000.0	6.48	274.41	7,594.4	187.5	-2,429.7	2,436.6	3.00	-3.00	0.00	
8,100.0	3.48	274.41	7,694.1	188.2	-2,438.4	2,445.3	3.00	-3.00	0.00	
8,200.0	0.48	274.41	7,794.0	188.5	-2,441.8	2,448.8	3.00	-3.00	0.00	
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek - TOG										
8,216.0	0.00	0.00	7,810.0	188.5	-2,441.9	2,448.8	3.00	-3.00	0.00	
8,300.0	1.26	250.00	7,894.0	188.2	-2,442.8	2,449.7	1.50	1.50	0.00	
EOB @ 1.54° Inc. / 250.00° Azm										
8,318.4	1.54	250.00	7,912.3	188.0	-2,443.2	2,450.1	1.50	1.50	0.00	
8,400.0	1.54	250.00	7,993.9	187.2	-2,445.2	2,452.1	0.00	0.00	0.00	
Williams Fork										
8,463.1	1.54	250.00	8,057.0	186.7	-2,446.8	2,453.6	0.00	0.00	0.00	
8,500.0	1.54	250.00	8,093.9	186.3	-2,447.8	2,454.6	0.00	0.00	0.00	
8,600.0	1.54	250.00	8,193.9	185.4	-2,450.3	2,457.0	0.00	0.00	0.00	
8,700.0	1.54	250.00	8,293.8	184.5	-2,452.8	2,459.5	0.00	0.00	0.00	
8,800.0	1.54	250.00	8,393.8	183.6	-2,455.3	2,461.9	0.00	0.00	0.00	

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Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (H&P#329)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 12D-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,900.0	1.54	250.00	8,493.8	182.7	-2,457.8	2,464.4	0.00	0.00	0.00	
9,000.0	1.54	250.00	8,593.7	181.7	-2,460.3	2,466.8	0.00	0.00	0.00	
9,100.0	1.54	250.00	8,693.7	180.8	-2,462.9	2,469.3	0.00	0.00	0.00	
9,200.0	1.54	250.00	8,793.7	179.9	-2,465.4	2,471.8	0.00	0.00	0.00	
9,300.0	1.54	250.00	8,893.6	179.0	-2,467.9	2,474.2	0.00	0.00	0.00	
9,400.0	1.54	250.00	8,993.6	178.1	-2,470.4	2,476.7	0.00	0.00	0.00	
9,500.0	1.54	250.00	9,093.6	177.2	-2,472.9	2,479.1	0.00	0.00	0.00	
9,600.0	1.54	250.00	9,193.5	176.3	-2,475.5	2,481.6	0.00	0.00	0.00	
9,700.0	1.54	250.00	9,293.5	175.3	-2,478.0	2,484.0	0.00	0.00	0.00	
9,800.0	1.54	250.00	9,393.4	174.4	-2,480.5	2,486.5	0.00	0.00	0.00	
9,900.0	1.54	250.00	9,493.4	173.5	-2,483.0	2,489.0	0.00	0.00	0.00	
10,000.0	1.54	250.00	9,593.4	172.6	-2,485.5	2,491.4	0.00	0.00	0.00	
10,100.0	1.54	250.00	9,693.3	171.7	-2,488.0	2,493.9	0.00	0.00	0.00	
10,200.0	1.54	250.00	9,793.3	170.8	-2,490.6	2,496.3	0.00	0.00	0.00	
10,300.0	1.54	250.00	9,893.3	169.8	-2,493.1	2,498.8	0.00	0.00	0.00	
10,400.0	1.54	250.00	9,993.2	168.9	-2,495.6	2,501.3	0.00	0.00	0.00	
10,500.0	1.54	250.00	10,093.2	168.0	-2,498.1	2,503.7	0.00	0.00	0.00	
10,600.0	1.54	250.00	10,193.2	167.1	-2,500.6	2,506.2	0.00	0.00	0.00	
10,700.0	1.54	250.00	10,293.1	166.2	-2,503.2	2,508.6	0.00	0.00	0.00	
10,800.0	1.54	250.00	10,393.1	165.3	-2,505.7	2,511.1	0.00	0.00	0.00	
10,900.0	1.54	250.00	10,493.0	164.3	-2,508.2	2,513.5	0.00	0.00	0.00	
11,000.0	1.54	250.00	10,593.0	163.4	-2,510.7	2,516.0	0.00	0.00	0.00	
11,100.0	1.54	250.00	10,693.0	162.5	-2,513.2	2,518.5	0.00	0.00	0.00	
11,200.0	1.54	250.00	10,792.9	161.6	-2,515.7	2,520.9	0.00	0.00	0.00	
Cameo										
11,201.1	1.54	250.00	10,794.0	161.6	-2,515.8	2,520.9	0.00	0.00	0.00	
11,300.0	1.54	250.00	10,892.9	160.7	-2,518.3	2,523.4	0.00	0.00	0.00	
11,400.0	1.54	250.00	10,992.9	159.8	-2,520.8	2,525.8	0.00	0.00	0.00	
11,500.0	1.54	250.00	11,092.8	158.8	-2,523.3	2,528.3	0.00	0.00	0.00	
11,600.0	1.54	250.00	11,192.8	157.9	-2,525.8	2,530.7	0.00	0.00	0.00	
11,700.0	1.54	250.00	11,292.8	157.0	-2,528.3	2,533.2	0.00	0.00	0.00	
Rollins										
11,799.3	1.54	250.00	11,392.0	156.1	-2,530.8	2,535.6	0.00	0.00	0.00	
11,800.0	1.54	250.00	11,392.7	156.1	-2,530.8	2,535.7	0.00	0.00	0.00	
11,900.0	1.54	250.00	11,492.7	155.2	-2,533.4	2,538.1	0.00	0.00	0.00	
TD @ 11999.3' MD / 11592.0' TVD										
11,999.3	1.54	250.00	11,592.0	154.3	-2,535.9	2,540.6	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	
- hit/miss target										
- Shape										
12D-35 - OHCR	0.00	0.00	7,810.0	188.5	-2,441.9	14,415,468.99	2,444,546.63	39.661166	-108.142999	
- plan hits target center										
- Point										
12D-35 - PBHL	0.00	0.00	11,592.0	154.3	-2,535.9	14,415,431.80	2,444,453.80	39.661073	-108.143332	
- plan hits target center										
- Ellipse (radii L100.0 W50.0 on 250.00 azi)										

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 12D-35 496 - Slot 12D-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (H&P#329)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 12D-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,641.1	2,527.0	Wasatch				
5,821.6	5,527.0	Wasatch G				
6,118.4	5,807.0	Fort Union				
8,216.0	7,810.0	Ohio Creek				
8,216.0	7,810.0	TOG				
8,463.1	8,057.0	Williams Fork				
11,201.1	10,794.0	Cameo				
11,799.3	11,392.0	Rollins				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
200.0	200.0	0.0	0.0	Build 3° / 100'	
846.4	834.2	8.3	-108.0	EOB @ 19.39° Inc. / 274.41° Azm	
7,569.6	7,175.8	180.1	-2,333.9	Drop 3° / 100'	
8,216.0	7,810.0	188.5	-2,441.9	EOD @ Vertical / Build 1.5° / 100'	
8,318.4	7,912.3	188.0	-2,443.2	EOB @ 1.54° Inc. / 250.00° Azm	
11,999.3	11,592.0	154.3	-2,535.9	TD @ 11999.3' MD / 11592.0' TVD	