

Project: Garfield County, CO
 Site: NPM G35 496 Pad
 Well: BJU G35 FED 23D-35 496
 Wellbore: Wellbore #1
 Design: Design #2
 Latitude: 39.660634
 Longitude: -108.134311
 Ground Level: 8164.0
 RKB @ 8194.0usft (RKB)

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2530.0	2561.8	Wasatch
5530.0	5609.4	Wasatch G
5803.0	5886.8	Fort Union
7871.0	7984.0	Ohio Creek
7871.0	7984.0	TOG
8113.0	8226.1	Williams Fork
10858.0	10972.1	Cameo
11438.0	11552.3	Rollins

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well BJU G35 FED 23D-35 496 - Slot 23D-35, True North
 Vertical (TVD) Reference: RKB @ 8194.0usft (RKB)
 Section (VS) Reference: Slot - 23D-35(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8194.0usft (RKB)
 Calculation Method: Minimum Curvature

WELL DETAILS: BJU G35 FED 23D-35 496

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	14415353.00	8164.0 2446998.30	39.660634	-108.134311

PROJECT DETAILS: Garfield County, CO

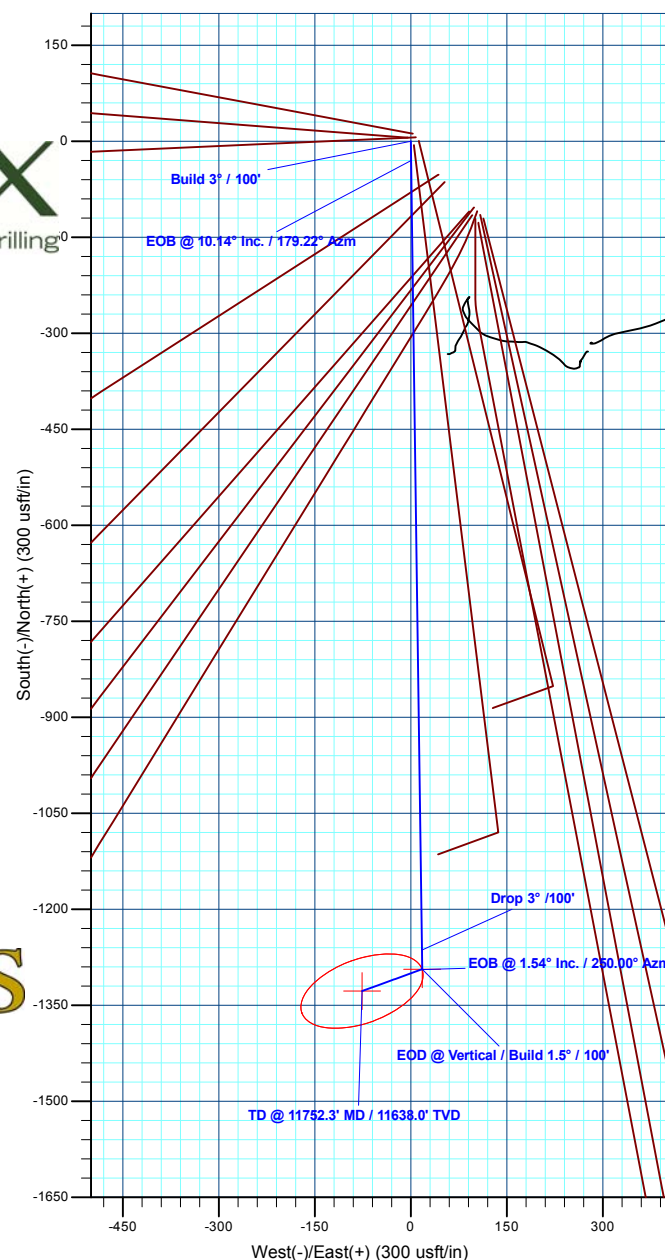
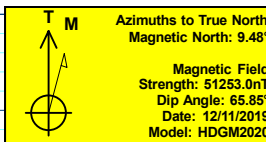
Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 1927 - Western US
 Ellipsoid: Clarke 1866
 Zone: Zone 12N (114 W to 108 W)
 System Datum: Mean Sea Level

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
23D-35 - OHCR	7871.0	-1293.4	17.6	14414060.79	2447057.23	39.657084	-108.134249
23D-35 - PBHL	11638.0	-1327.6	-76.3	14414023.60	2446964.40	39.656990	-108.134582

SECTION DETAILS

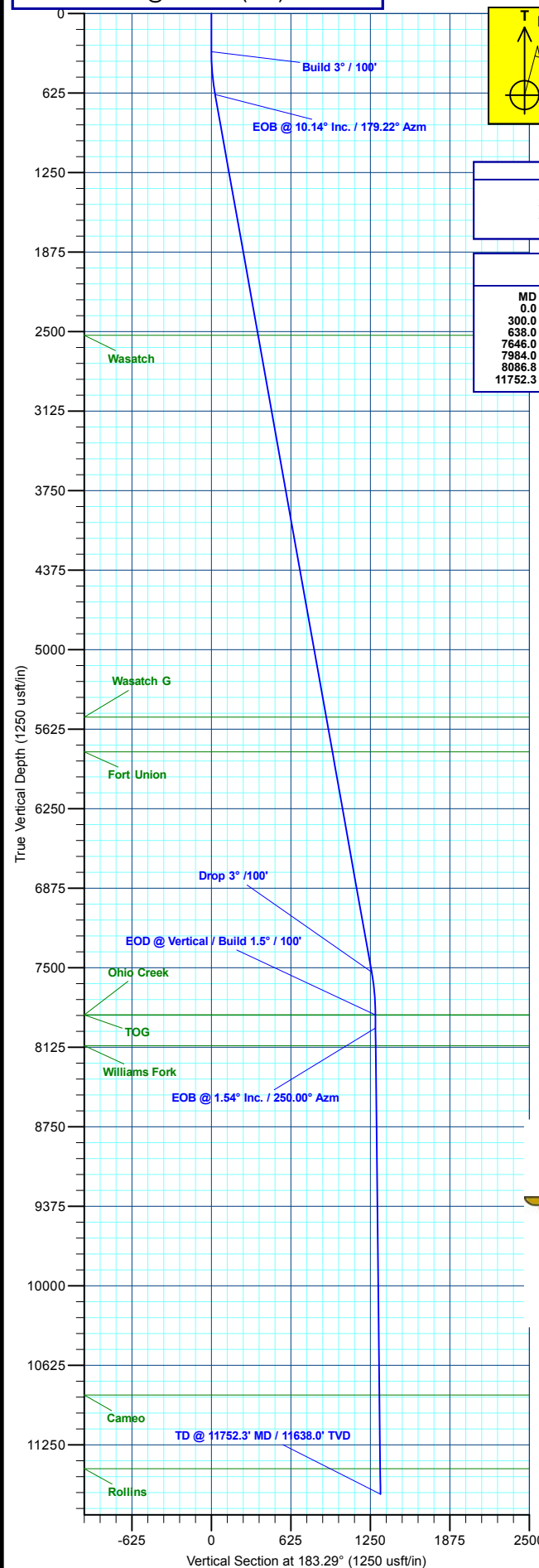
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	Build 3° / 100'
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	EOB @ 10.14° Inc. / 179.22° Azm
638.0	10.14	179.22	636.3	-29.8	0.4	3.00	179.22	29.8	Drop 3° / 100'
7646.0	0.00	179.22	7534.7	-1263.6	17.2	0.00	0.00	0.0	EOD @ Vertical / Build 1.5° / 100'
7984.0	10.14	0.00	7871.0	-1293.4	17.6	3.00	180.00	1290.3	EOB @ 1.54° Inc. / 250.00° Azm
8086.8	1.54	250.00	7973.8	-1293.9	16.3	1.50	250.00	1290.8	TD @ 11752.3' MD / 11638.0' TVD
11752.3	1.54	250.00	11638.0	-1327.6	-76.3	0.00	0.00	1329.8	



Plan: Design #2 (BJU G35 FED 23D-35 496/Wellbore #1)

Created By: Will Jircik

Date: 13:28, June 07 2021





Caerus Oil & Gas

Garfield County, CO

NPM G35 496 Pad

BJU G35 FED 23D-35 496 - Slot 23D-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 23D-35 496 - Slot 23D-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (RKB)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (RKB)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 23D-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 23D-35 496 - Slot 23D-35					
Well Position	+N/-S	-12.1 usft	Northing:	14,415,353.00 usft	Latitude:	39.660634
	+E/-W	-2.9 usft	Easting:	2,446,998.30 usft	Longitude:	-108.134312
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	183.29

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	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	
638.0	10.14	179.22	636.3	-29.8	0.4	3.00	3.00	0.00	179.22	
7,646.0	10.14	179.22	7,534.7	-1,263.6	17.2	0.00	0.00	0.00	0.00	
7,984.0	0.00	0.00	7,871.0	-1,293.4	17.6	3.00	-3.00	0.00	180.00	23D-35 - OHCR
8,086.8	1.54	250.00	7,973.8	-1,293.9	16.3	1.50	1.50	-107.03	250.00	
11,752.3	1.54	250.00	11,638.0	-1,327.6	-76.3	0.00	0.00	0.00	0.00	23D-35 - PBHL

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 23D-35 496 - Slot 23D-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (RKB)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (RKB)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 23D-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
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
Build 3° / 100'									
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	3.00	179.22	400.0	-2.6	0.0	2.6	3.00	3.00	0.00
500.0	6.00	179.22	499.6	-10.5	0.1	10.4	3.00	3.00	0.00
600.0	9.00	179.22	598.8	-23.5	0.3	23.5	3.00	3.00	0.00
EOB @ 10.14° Inc. / 179.22° Azm									
638.0	10.14	179.22	636.3	-29.8	0.4	29.8	3.00	3.00	0.00
700.0	10.14	179.22	697.3	-40.7	0.6	40.6	0.00	0.00	0.00
800.0	10.14	179.22	795.7	-58.3	0.8	58.2	0.00	0.00	0.00
900.0	10.14	179.22	894.1	-76.0	1.0	75.8	0.00	0.00	0.00
1,000.0	10.14	179.22	992.6	-93.6	1.3	93.3	0.00	0.00	0.00
1,100.0	10.14	179.22	1,091.0	-111.2	1.5	110.9	0.00	0.00	0.00
1,200.0	10.14	179.22	1,189.5	-128.8	1.8	128.5	0.00	0.00	0.00
1,300.0	10.14	179.22	1,287.9	-146.4	2.0	146.0	0.00	0.00	0.00
1,400.0	10.14	179.22	1,386.3	-164.0	2.2	163.6	0.00	0.00	0.00
1,500.0	10.14	179.22	1,484.8	-181.6	2.5	181.1	0.00	0.00	0.00
1,600.0	10.14	179.22	1,583.2	-199.2	2.7	198.7	0.00	0.00	0.00
1,700.0	10.14	179.22	1,681.6	-216.8	3.0	216.3	0.00	0.00	0.00
1,800.0	10.14	179.22	1,780.1	-234.4	3.2	233.8	0.00	0.00	0.00
1,900.0	10.14	179.22	1,878.5	-252.0	3.4	251.4	0.00	0.00	0.00
2,000.0	10.14	179.22	1,977.0	-269.6	3.7	269.0	0.00	0.00	0.00
2,100.0	10.14	179.22	2,075.4	-287.2	3.9	286.5	0.00	0.00	0.00
2,200.0	10.14	179.22	2,173.8	-304.8	4.2	304.1	0.00	0.00	0.00
2,300.0	10.14	179.22	2,272.3	-322.4	4.4	321.6	0.00	0.00	0.00
2,400.0	10.14	179.22	2,370.7	-340.0	4.6	339.2	0.00	0.00	0.00
2,500.0	10.14	179.22	2,469.1	-357.6	4.9	356.8	0.00	0.00	0.00
Wasatch									
2,561.8	10.14	179.22	2,530.0	-368.5	5.0	367.6	0.00	0.00	0.00
2,600.0	10.14	179.22	2,567.6	-375.2	5.1	374.3	0.00	0.00	0.00
2,700.0	10.14	179.22	2,666.0	-392.8	5.4	391.9	0.00	0.00	0.00
2,800.0	10.14	179.22	2,764.5	-410.5	5.6	409.5	0.00	0.00	0.00
2,900.0	10.14	179.22	2,862.9	-428.1	5.8	427.0	0.00	0.00	0.00
3,000.0	10.14	179.22	2,961.3	-445.7	6.1	444.6	0.00	0.00	0.00
3,100.0	10.14	179.22	3,059.8	-463.3	6.3	462.1	0.00	0.00	0.00
3,200.0	10.14	179.22	3,158.2	-480.9	6.6	479.7	0.00	0.00	0.00
3,300.0	10.14	179.22	3,256.7	-498.5	6.8	497.3	0.00	0.00	0.00
3,400.0	10.14	179.22	3,355.1	-516.1	7.0	514.8	0.00	0.00	0.00
3,500.0	10.14	179.22	3,453.5	-533.7	7.3	532.4	0.00	0.00	0.00
3,600.0	10.14	179.22	3,552.0	-551.3	7.5	550.0	0.00	0.00	0.00
3,700.0	10.14	179.22	3,650.4	-568.9	7.8	567.5	0.00	0.00	0.00
3,800.0	10.14	179.22	3,748.8	-586.5	8.0	585.1	0.00	0.00	0.00
3,900.0	10.14	179.22	3,847.3	-604.1	8.2	602.6	0.00	0.00	0.00
4,000.0	10.14	179.22	3,945.7	-621.7	8.5	620.2	0.00	0.00	0.00
4,100.0	10.14	179.22	4,044.2	-639.3	8.7	637.8	0.00	0.00	0.00
4,200.0	10.14	179.22	4,142.6	-656.9	9.0	655.3	0.00	0.00	0.00
4,300.0	10.14	179.22	4,241.0	-674.5	9.2	672.9	0.00	0.00	0.00
4,400.0	10.14	179.22	4,339.5	-692.1	9.4	690.5	0.00	0.00	0.00
4,500.0	10.14	179.22	4,437.9	-709.7	9.7	708.0	0.00	0.00	0.00
4,600.0	10.14	179.22	4,536.3	-727.3	9.9	725.6	0.00	0.00	0.00
4,700.0	10.14	179.22	4,634.8	-745.0	10.2	743.1	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 23D-35 496 - Slot 23D-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (RKB)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (RKB)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 23D-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	10.14	179.22	4,733.2	-762.6	10.4	760.7	0.00	0.00	0.00
4,900.0	10.14	179.22	4,831.7	-780.2	10.6	778.3	0.00	0.00	0.00
5,000.0	10.14	179.22	4,930.1	-797.8	10.9	795.8	0.00	0.00	0.00
5,100.0	10.14	179.22	5,028.5	-815.4	11.1	813.4	0.00	0.00	0.00
5,200.0	10.14	179.22	5,127.0	-833.0	11.4	831.0	0.00	0.00	0.00
5,300.0	10.14	179.22	5,225.4	-850.6	11.6	848.5	0.00	0.00	0.00
5,400.0	10.14	179.22	5,323.8	-868.2	11.8	866.1	0.00	0.00	0.00
5,500.0	10.14	179.22	5,422.3	-885.8	12.1	883.6	0.00	0.00	0.00
5,600.0	10.14	179.22	5,520.7	-903.4	12.3	901.2	0.00	0.00	0.00
Wasatch G									
5,609.4	10.14	179.22	5,530.0	-905.1	12.3	902.9	0.00	0.00	0.00
5,700.0	10.14	179.22	5,619.2	-921.0	12.6	918.8	0.00	0.00	0.00
5,800.0	10.14	179.22	5,717.6	-938.6	12.8	936.3	0.00	0.00	0.00
Fort Union									
5,886.8	10.14	179.22	5,803.0	-953.9	13.0	951.6	0.00	0.00	0.00
5,900.0	10.14	179.22	5,816.0	-956.2	13.0	953.9	0.00	0.00	0.00
6,000.0	10.14	179.22	5,914.5	-973.8	13.3	971.5	0.00	0.00	0.00
6,100.0	10.14	179.22	6,012.9	-991.4	13.5	989.0	0.00	0.00	0.00
6,200.0	10.14	179.22	6,111.3	-1,009.0	13.8	1,006.6	0.00	0.00	0.00
6,300.0	10.14	179.22	6,209.8	-1,026.6	14.0	1,024.1	0.00	0.00	0.00
6,400.0	10.14	179.22	6,308.2	-1,044.2	14.2	1,041.7	0.00	0.00	0.00
6,500.0	10.14	179.22	6,406.7	-1,061.8	14.5	1,059.3	0.00	0.00	0.00
6,600.0	10.14	179.22	6,505.1	-1,079.5	14.7	1,076.8	0.00	0.00	0.00
6,700.0	10.14	179.22	6,603.5	-1,097.1	15.0	1,094.4	0.00	0.00	0.00
6,800.0	10.14	179.22	6,702.0	-1,114.7	15.2	1,112.0	0.00	0.00	0.00
6,900.0	10.14	179.22	6,800.4	-1,132.3	15.4	1,129.5	0.00	0.00	0.00
7,000.0	10.14	179.22	6,898.9	-1,149.9	15.7	1,147.1	0.00	0.00	0.00
7,100.0	10.14	179.22	6,997.3	-1,167.5	15.9	1,164.6	0.00	0.00	0.00
7,200.0	10.14	179.22	7,095.7	-1,185.1	16.2	1,182.2	0.00	0.00	0.00
7,300.0	10.14	179.22	7,194.2	-1,202.7	16.4	1,199.8	0.00	0.00	0.00
7,400.0	10.14	179.22	7,292.6	-1,220.3	16.6	1,217.3	0.00	0.00	0.00
7,500.0	10.14	179.22	7,391.0	-1,237.9	16.9	1,234.9	0.00	0.00	0.00
7,600.0	10.14	179.22	7,489.5	-1,255.5	17.1	1,252.5	0.00	0.00	0.00
Drop 3° /100'									
7,646.0	10.14	179.22	7,534.7	-1,263.6	17.2	1,260.5	0.00	0.00	0.00
7,700.0	8.52	179.22	7,588.0	-1,272.4	17.3	1,269.3	3.00	-3.00	0.00
7,800.0	5.52	179.22	7,687.3	-1,284.6	17.5	1,281.5	3.00	-3.00	0.00
7,900.0	2.52	179.22	7,787.0	-1,291.6	17.6	1,288.4	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek - TOG									
7,984.0	0.00	0.00	7,871.0	-1,293.4	17.6	1,290.3	3.00	-3.00	0.00
8,000.0	0.24	250.00	7,887.0	-1,293.4	17.6	1,290.3	1.50	1.50	0.00
EOB @ 1.54° Inc. / 250.00° Azm									
8,086.8	1.54	250.00	7,973.8	-1,293.9	16.3	1,290.8	1.50	1.50	0.00
8,100.0	1.54	250.00	7,987.0	-1,294.0	16.0	1,291.0	0.00	0.00	0.00
8,200.0	1.54	250.00	8,086.9	-1,294.9	13.5	1,292.0	0.00	0.00	0.00
Williams Fork									
8,226.1	1.54	250.00	8,113.0	-1,295.2	12.8	1,292.3	0.00	0.00	0.00
8,300.0	1.54	250.00	8,186.9	-1,295.9	10.9	1,293.1	0.00	0.00	0.00
8,400.0	1.54	250.00	8,286.9	-1,296.8	8.4	1,294.2	0.00	0.00	0.00
8,500.0	1.54	250.00	8,386.8	-1,297.7	5.9	1,295.2	0.00	0.00	0.00
8,600.0	1.54	250.00	8,486.8	-1,298.6	3.4	1,296.3	0.00	0.00	0.00
8,700.0	1.54	250.00	8,586.8	-1,299.5	0.8	1,297.4	0.00	0.00	0.00
8,800.0	1.54	250.00	8,686.7	-1,300.5	-1.7	1,298.4	0.00	0.00	0.00

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Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (RKB)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 23D-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	8,786.7	-1,301.4	-4.2	1,299.5	0.00	0.00	0.00
9,000.0	1.54	250.00	8,886.7	-1,302.3	-6.8	1,300.6	0.00	0.00	0.00
9,100.0	1.54	250.00	8,986.6	-1,303.2	-9.3	1,301.6	0.00	0.00	0.00
9,200.0	1.54	250.00	9,086.6	-1,304.2	-11.8	1,302.7	0.00	0.00	0.00
9,300.0	1.54	250.00	9,186.5	-1,305.1	-14.3	1,303.7	0.00	0.00	0.00
9,400.0	1.54	250.00	9,286.5	-1,306.0	-16.9	1,304.8	0.00	0.00	0.00
9,500.0	1.54	250.00	9,386.5	-1,306.9	-19.4	1,305.9	0.00	0.00	0.00
9,600.0	1.54	250.00	9,486.4	-1,307.8	-21.9	1,306.9	0.00	0.00	0.00
9,700.0	1.54	250.00	9,586.4	-1,308.8	-24.5	1,308.0	0.00	0.00	0.00
9,800.0	1.54	250.00	9,686.4	-1,309.7	-27.0	1,309.1	0.00	0.00	0.00
9,900.0	1.54	250.00	9,786.3	-1,310.6	-29.5	1,310.1	0.00	0.00	0.00
10,000.0	1.54	250.00	9,886.3	-1,311.5	-32.0	1,311.2	0.00	0.00	0.00
10,100.0	1.54	250.00	9,986.3	-1,312.4	-34.6	1,312.3	0.00	0.00	0.00
10,200.0	1.54	250.00	10,086.2	-1,313.4	-37.1	1,313.3	0.00	0.00	0.00
10,300.0	1.54	250.00	10,186.2	-1,314.3	-39.6	1,314.4	0.00	0.00	0.00
10,400.0	1.54	250.00	10,286.1	-1,315.2	-42.1	1,315.4	0.00	0.00	0.00
10,500.0	1.54	250.00	10,386.1	-1,316.1	-44.7	1,316.5	0.00	0.00	0.00
10,600.0	1.54	250.00	10,486.1	-1,317.0	-47.2	1,317.6	0.00	0.00	0.00
10,700.0	1.54	250.00	10,586.0	-1,318.0	-49.7	1,318.6	0.00	0.00	0.00
10,800.0	1.54	250.00	10,686.0	-1,318.9	-52.3	1,319.7	0.00	0.00	0.00
10,900.0	1.54	250.00	10,786.0	-1,319.8	-54.8	1,320.8	0.00	0.00	0.00
Cameo									
10,972.1	1.54	250.00	10,858.0	-1,320.5	-56.6	1,321.5	0.00	0.00	0.00
11,000.0	1.54	250.00	10,885.9	-1,320.7	-57.3	1,321.8	0.00	0.00	0.00
11,100.0	1.54	250.00	10,985.9	-1,321.6	-59.8	1,322.9	0.00	0.00	0.00
11,200.0	1.54	250.00	11,085.9	-1,322.6	-62.4	1,324.0	0.00	0.00	0.00
11,300.0	1.54	250.00	11,185.8	-1,323.5	-64.9	1,325.0	0.00	0.00	0.00
11,400.0	1.54	250.00	11,285.8	-1,324.4	-67.4	1,326.1	0.00	0.00	0.00
11,500.0	1.54	250.00	11,385.7	-1,325.3	-70.0	1,327.1	0.00	0.00	0.00
Rollins									
11,552.3	1.54	250.00	11,438.0	-1,325.8	-71.3	1,327.7	0.00	0.00	0.00
11,600.0	1.54	250.00	11,485.7	-1,326.2	-72.5	1,328.2	0.00	0.00	0.00
11,700.0	1.54	250.00	11,585.7	-1,327.2	-75.0	1,329.3	0.00	0.00	0.00
TD @ 11752.3' MD / 11638.0' TVD									
11,752.3	1.54	250.00	11,638.0	-1,327.6	-76.3	1,329.8	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
23D-35 - OHCR - hit/miss target - Shape - Point	0.00	0.00	7,871.0	-1,293.4	17.6	14,414,060.79	2,447,057.23	39.657084	-108.134249
23D-35 - PBHL - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi)	0.00	0.00	11,638.0	-1,327.6	-76.3	14,414,023.60	2,446,964.40	39.656990	-108.134583

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 23D-35 496 - Slot 23D-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (RKB)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (RKB)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 23D-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 (°)	
2,561.8	2,530.0	Wasatch				
5,609.4	5,530.0	Wasatch G				
5,886.8	5,803.0	Fort Union				
7,984.0	7,871.0	Ohio Creek				
7,984.0	7,871.0	TOG				
8,226.1	8,113.0	Williams Fork				
10,972.1	10,858.0	Cameo				
11,552.3	11,438.0	Rollins				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
300.0	300.0	0.0	0.0	Build 3° / 100'	
638.0	636.3	-29.8	0.4	EOB @ 10.14° Inc. / 179.22° Azm	
7,646.0	7,534.7	-1,263.6	17.2	Drop 3° / 100'	
7,984.0	7,871.0	-1,293.4	17.6	EOD @ Vertical / Build 1.5° / 100'	
8,086.8	7,973.8	-1,293.9	16.3	EOB @ 1.54° Inc. / 250.00° Azm	
11,752.3	11,638.0	-1,327.6	-76.3	TD @ 11752.3' MD / 11638.0' TVD	