

Project: Garfield County, CO
 Site: NPM G35 496 Pad
 Well: BJU G35 FED 23B-35 496
 Wellbore: Wellbore #1
 Design: Design #2
 Latitude: 39.660635
 Longitude: -108.134267
 Ground Level: 8164.0
 RKB @ 8194.0usft (H&P#329)

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2554.0	2568.1	Wasatch
5554.0	5590.7	Wasatch G
5808.0	5846.6	Fort Union
7894.0	7947.1	Ohio Creek
7894.0	7947.1	TOG
8137.0	8190.2	Williams Fork
10897.0	10951.2	Cameo
11471.0	11525.4	Rollins

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well BJU G35 FED 23B-35 496 - Slot 23B-35, True North
 Vertical (TVD) Reference: RKB @ 8194.0usft (H&P#329)
 Section (VS) Reference: Slot - 23B-35(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8194.0usft (H&P#329)
 Calculation Method: Minimum Curvature

WELL DETAILS: BJU G35 FED 23B-35 496

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	14415354.00	8164.0 2447010.80	39.660635	-108.134267 23B-35

PROJECT DETAILS: Garfield County, CO

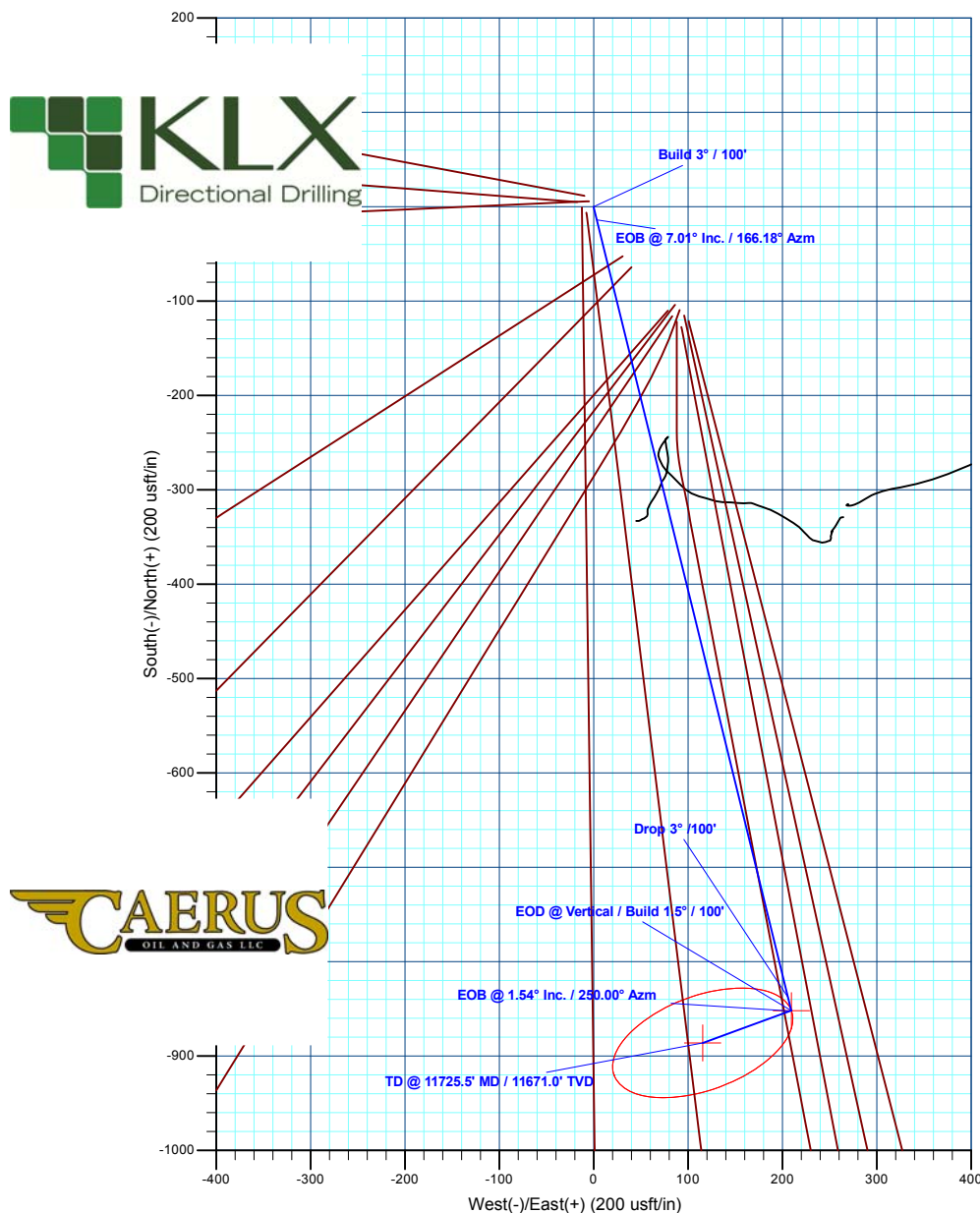
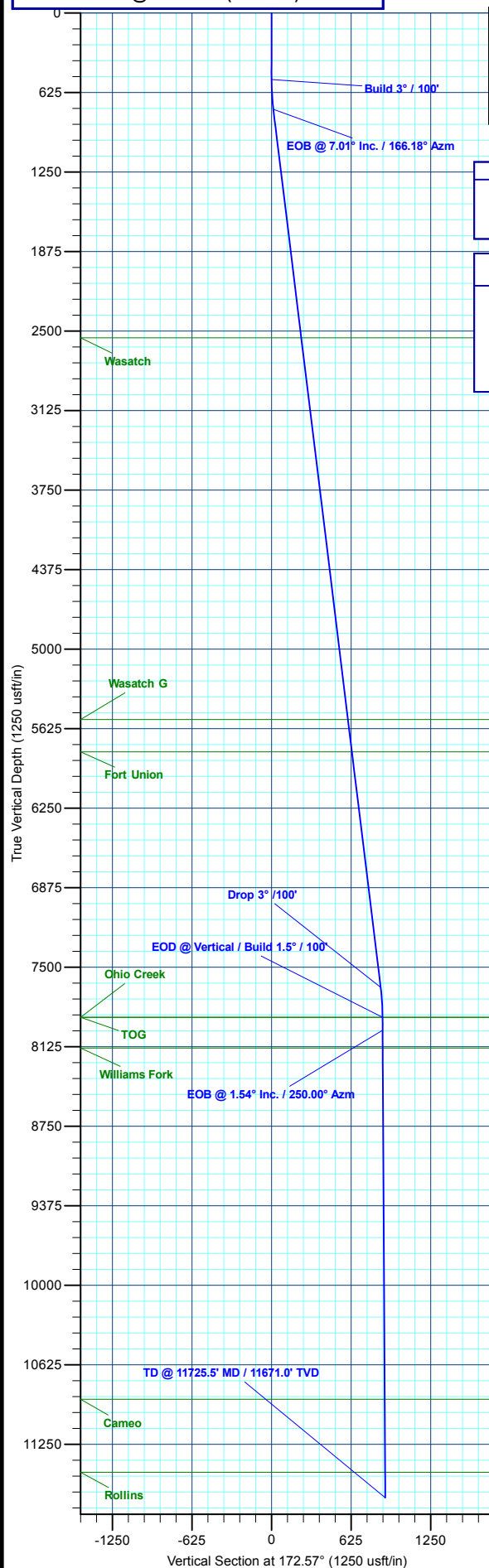
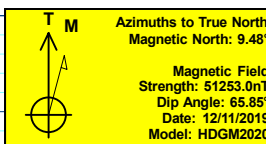
Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 1927 - Western US
 Ellipsoid: Clarke 1866
 Zone: Zone 12N (114 W to 108 W)
 System Datum: Mean Sea Level

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
23B-35 - OHCR	7894.0	-851.8	209.5	14414509.29	2447247.43	39.658298	-108.133523
23B-35 - PBHL	11671.0	-886.0	115.6	14414472.10	2447154.60	39.658204	-108.133857

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	
525.0	0.00	0.00	525.0	0.0	0.0	0.00	0.00	0.0	Build 3° / 100'
758.6	7.01	166.18	758.1	-13.9	3.4	3.00	166.18	14.2	EOB @ 7.01° Inc. / 166.18° Azm
7713.5	7.01	166.18	7660.9	-838.0	206.1	0.00	0.00	857.6	Drop 3° / 100'
7947.1	0.00	0.00	7894.0	-851.8	209.5	3.00	180.00	871.8	EOD @ Vertical / Build 1.5° / 100'
8049.6	1.54	250.00	7996.5	-852.3	208.2	1.50	250.00	872.1	EOB @ 1.54° Inc. / 250.00° Azm
11725.5	1.54	250.00	11671.0	-886.0	115.6	0.00	0.00	893.5	TD @ 11725.5° MD / 11671.0° TVD



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

Created By: Will Jircik Date: 13:18, June 07 2021



Caerus Oil & Gas

Garfield County, CO

NPM G35 496 Pad

BJU G35 FED 23B-35 496 - Slot 23B-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 23B-35 496 - Slot 23B-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 23B-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 23B-35 496 - Slot 23B-35					
Well Position	+N/-S	-11.5 usft	Northing:	14,415,354.00 usft	Latitude:	39.660635
	+E/-W	9.6 usft	Easting:	2,447,010.80 usft	Longitude:	-108.134267
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	172.57

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	
525.0	0.00	0.00	525.0	0.0	0.0	0.00	0.00	0.00	0.00	
758.6	7.01	166.18	758.1	-13.9	3.4	3.00	3.00	0.00	166.18	
7,713.5	7.01	166.18	7,660.9	-838.0	206.1	0.00	0.00	0.00	0.00	
7,947.1	0.00	0.00	7,894.0	-851.8	209.5	3.00	-3.00	0.00	180.00	23B-35 - OHCR
8,049.6	1.54	250.00	7,996.5	-852.3	208.2	1.50	1.50	-107.32	250.00	
11,725.5	1.54	250.00	11,671.0	-886.0	115.6	0.00	0.00	0.00	0.00	23B-35 - PBHL

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 23B-35 496 - Slot 23B-35
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Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 23B-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
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
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
Build 3° / 100'									
525.0	0.00	0.00	525.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	2.25	166.18	600.0	-1.4	0.4	1.5	3.00	3.00	0.00
700.0	5.25	166.18	699.8	-7.8	1.9	8.0	3.00	3.00	0.00
EOB @ 7.01° Inc. / 166.18° Azm									
758.6	7.01	166.18	758.1	-13.9	3.4	14.2	3.00	3.00	0.00
800.0	7.01	166.18	799.1	-18.8	4.6	19.2	0.00	0.00	0.00
900.0	7.01	166.18	898.4	-30.6	7.5	31.3	0.00	0.00	0.00
1,000.0	7.01	166.18	997.6	-42.5	10.4	43.5	0.00	0.00	0.00
1,100.0	7.01	166.18	1,096.9	-54.3	13.4	55.6	0.00	0.00	0.00
1,200.0	7.01	166.18	1,196.1	-66.2	16.3	67.7	0.00	0.00	0.00
1,300.0	7.01	166.18	1,295.4	-78.0	19.2	79.8	0.00	0.00	0.00
1,400.0	7.01	166.18	1,394.6	-89.9	22.1	92.0	0.00	0.00	0.00
1,500.0	7.01	166.18	1,493.9	-101.7	25.0	104.1	0.00	0.00	0.00
1,600.0	7.01	166.18	1,593.1	-113.6	27.9	116.2	0.00	0.00	0.00
1,700.0	7.01	166.18	1,692.4	-125.4	30.8	128.3	0.00	0.00	0.00
1,800.0	7.01	166.18	1,791.6	-137.3	33.8	140.5	0.00	0.00	0.00
1,900.0	7.01	166.18	1,890.9	-149.1	36.7	152.6	0.00	0.00	0.00
2,000.0	7.01	166.18	1,990.1	-161.0	39.6	164.7	0.00	0.00	0.00
2,100.0	7.01	166.18	2,089.4	-172.8	42.5	176.9	0.00	0.00	0.00
2,200.0	7.01	166.18	2,188.6	-184.7	45.4	189.0	0.00	0.00	0.00
2,300.0	7.01	166.18	2,287.9	-196.5	48.3	201.1	0.00	0.00	0.00
2,400.0	7.01	166.18	2,387.2	-208.4	51.3	213.2	0.00	0.00	0.00
2,500.0	7.01	166.18	2,486.4	-220.2	54.2	225.4	0.00	0.00	0.00
Wasatch									
2,568.1	7.01	166.18	2,554.0	-228.3	56.1	233.6	0.00	0.00	0.00
2,600.0	7.01	166.18	2,585.7	-232.1	57.1	237.5	0.00	0.00	0.00
2,700.0	7.01	166.18	2,684.9	-243.9	60.0	249.6	0.00	0.00	0.00
2,800.0	7.01	166.18	2,784.2	-255.8	62.9	261.7	0.00	0.00	0.00
2,900.0	7.01	166.18	2,883.4	-267.6	65.8	273.9	0.00	0.00	0.00
3,000.0	7.01	166.18	2,982.7	-279.4	68.7	286.0	0.00	0.00	0.00
3,100.0	7.01	166.18	3,081.9	-291.3	71.7	298.1	0.00	0.00	0.00
3,200.0	7.01	166.18	3,181.2	-303.1	74.6	310.2	0.00	0.00	0.00
3,300.0	7.01	166.18	3,280.4	-315.0	77.5	322.4	0.00	0.00	0.00
3,400.0	7.01	166.18	3,379.7	-326.8	80.4	334.5	0.00	0.00	0.00
3,500.0	7.01	166.18	3,478.9	-338.7	83.3	346.6	0.00	0.00	0.00
3,600.0	7.01	166.18	3,578.2	-350.5	86.2	358.8	0.00	0.00	0.00
3,700.0	7.01	166.18	3,677.4	-362.4	89.1	370.9	0.00	0.00	0.00
3,800.0	7.01	166.18	3,776.7	-374.2	92.1	383.0	0.00	0.00	0.00
3,900.0	7.01	166.18	3,875.9	-386.1	95.0	395.1	0.00	0.00	0.00
4,000.0	7.01	166.18	3,975.2	-397.9	97.9	407.3	0.00	0.00	0.00
4,100.0	7.01	166.18	4,074.4	-409.8	100.8	419.4	0.00	0.00	0.00
4,200.0	7.01	166.18	4,173.7	-421.6	103.7	431.5	0.00	0.00	0.00
4,300.0	7.01	166.18	4,273.0	-433.5	106.6	443.6	0.00	0.00	0.00
4,400.0	7.01	166.18	4,372.2	-445.3	109.5	455.8	0.00	0.00	0.00
4,500.0	7.01	166.18	4,471.5	-457.2	112.5	467.9	0.00	0.00	0.00
4,600.0	7.01	166.18	4,570.7	-469.0	115.4	480.0	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 23B-35 496 - Slot 23B-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 23B-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)
4,700.0	7.01	166.18	4,670.0	-480.9	118.3	492.2	0.00	0.00	0.00
4,800.0	7.01	166.18	4,769.2	-492.7	121.2	504.3	0.00	0.00	0.00
4,900.0	7.01	166.18	4,868.5	-504.6	124.1	516.4	0.00	0.00	0.00
5,000.0	7.01	166.18	4,967.7	-516.4	127.0	528.5	0.00	0.00	0.00
5,100.0	7.01	166.18	5,067.0	-528.3	129.9	540.7	0.00	0.00	0.00
5,200.0	7.01	166.18	5,166.2	-540.1	132.9	552.8	0.00	0.00	0.00
5,300.0	7.01	166.18	5,265.5	-552.0	135.8	564.9	0.00	0.00	0.00
5,400.0	7.01	166.18	5,364.7	-563.8	138.7	577.0	0.00	0.00	0.00
5,500.0	7.01	166.18	5,464.0	-575.7	141.6	589.2	0.00	0.00	0.00
Wasatch G									
5,590.7	7.01	166.18	5,554.0	-586.4	144.2	600.2	0.00	0.00	0.00
5,600.0	7.01	166.18	5,563.2	-587.5	144.5	601.3	0.00	0.00	0.00
5,700.0	7.01	166.18	5,662.5	-599.4	147.4	613.4	0.00	0.00	0.00
5,800.0	7.01	166.18	5,761.7	-611.2	150.4	625.5	0.00	0.00	0.00
Fort Union									
5,846.6	7.01	166.18	5,808.0	-616.8	151.7	631.2	0.00	0.00	0.00
5,900.0	7.01	166.18	5,861.0	-623.1	153.3	637.7	0.00	0.00	0.00
6,000.0	7.01	166.18	5,960.2	-634.9	156.2	649.8	0.00	0.00	0.00
6,100.0	7.01	166.18	6,059.5	-646.8	159.1	661.9	0.00	0.00	0.00
6,200.0	7.01	166.18	6,158.8	-658.6	162.0	674.1	0.00	0.00	0.00
6,300.0	7.01	166.18	6,258.0	-670.5	164.9	686.2	0.00	0.00	0.00
6,400.0	7.01	166.18	6,357.3	-682.3	167.8	698.3	0.00	0.00	0.00
6,500.0	7.01	166.18	6,456.5	-694.2	170.8	710.4	0.00	0.00	0.00
6,600.0	7.01	166.18	6,555.8	-706.0	173.7	722.6	0.00	0.00	0.00
6,700.0	7.01	166.18	6,655.0	-717.9	176.6	734.7	0.00	0.00	0.00
6,800.0	7.01	166.18	6,754.3	-729.7	179.5	746.8	0.00	0.00	0.00
6,900.0	7.01	166.18	6,853.5	-741.6	182.4	758.9	0.00	0.00	0.00
7,000.0	7.01	166.18	6,952.8	-753.4	185.3	771.1	0.00	0.00	0.00
7,100.0	7.01	166.18	7,052.0	-765.3	188.2	783.2	0.00	0.00	0.00
7,200.0	7.01	166.18	7,151.3	-777.1	191.2	795.3	0.00	0.00	0.00
7,300.0	7.01	166.18	7,250.5	-789.0	194.1	807.5	0.00	0.00	0.00
7,400.0	7.01	166.18	7,349.8	-800.8	197.0	819.6	0.00	0.00	0.00
7,500.0	7.01	166.18	7,449.0	-812.7	199.9	831.7	0.00	0.00	0.00
7,600.0	7.01	166.18	7,548.3	-824.5	202.8	843.8	0.00	0.00	0.00
7,700.0	7.01	166.18	7,647.5	-836.4	205.7	856.0	0.00	0.00	0.00
Drop 3° /100'									
7,713.5	7.01	166.18	7,660.9	-838.0	206.1	857.6	0.00	0.00	0.00
7,800.0	4.41	166.18	7,747.0	-846.3	208.2	866.2	3.00	-3.00	0.00
7,900.0	1.41	166.18	7,846.9	-851.3	209.4	871.2	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek - TOG									
7,947.1	0.00	0.00	7,894.0	-851.8	209.5	871.8	3.00	-3.00	0.00
8,000.0	0.79	250.00	7,946.9	-852.0	209.2	871.9	1.50	1.50	0.00
EOB @ 1.54° Inc. / 250.00° Azm									
8,049.6	1.54	250.00	7,996.5	-852.3	208.2	872.1	1.50	1.50	0.00
8,100.0	1.54	250.00	8,046.8	-852.8	207.0	872.4	0.00	0.00	0.00
Williams Fork									
8,190.2	1.54	250.00	8,137.0	-853.6	204.7	872.9	0.00	0.00	0.00
8,200.0	1.54	250.00	8,146.8	-853.7	204.4	873.0	0.00	0.00	0.00
8,300.0	1.54	250.00	8,246.8	-854.6	201.9	873.5	0.00	0.00	0.00
8,400.0	1.54	250.00	8,346.7	-855.5	199.4	874.1	0.00	0.00	0.00
8,500.0	1.54	250.00	8,446.7	-856.4	196.9	874.7	0.00	0.00	0.00
8,600.0	1.54	250.00	8,546.6	-857.4	194.4	875.3	0.00	0.00	0.00
8,700.0	1.54	250.00	8,646.6	-858.3	191.8	875.9	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 23B-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)
8,800.0	1.54	250.00	8,746.6	-859.2	189.3	876.5	0.00	0.00	0.00
8,900.0	1.54	250.00	8,846.5	-860.1	186.8	877.0	0.00	0.00	0.00
9,000.0	1.54	250.00	8,946.5	-861.0	184.3	877.6	0.00	0.00	0.00
9,100.0	1.54	250.00	9,046.5	-861.9	181.8	878.2	0.00	0.00	0.00
9,200.0	1.54	250.00	9,146.4	-862.9	179.2	878.8	0.00	0.00	0.00
9,300.0	1.54	250.00	9,246.4	-863.8	176.7	879.4	0.00	0.00	0.00
9,400.0	1.54	250.00	9,346.4	-864.7	174.2	880.0	0.00	0.00	0.00
9,500.0	1.54	250.00	9,446.3	-865.6	171.7	880.6	0.00	0.00	0.00
9,600.0	1.54	250.00	9,546.3	-866.5	169.2	881.1	0.00	0.00	0.00
9,700.0	1.54	250.00	9,646.3	-867.5	166.6	881.7	0.00	0.00	0.00
9,800.0	1.54	250.00	9,746.2	-868.4	164.1	882.3	0.00	0.00	0.00
9,900.0	1.54	250.00	9,846.2	-869.3	161.6	882.9	0.00	0.00	0.00
10,000.0	1.54	250.00	9,946.1	-870.2	159.1	883.5	0.00	0.00	0.00
10,100.0	1.54	250.00	10,046.1	-871.1	156.5	884.1	0.00	0.00	0.00
10,200.0	1.54	250.00	10,146.1	-872.0	154.0	884.6	0.00	0.00	0.00
10,300.0	1.54	250.00	10,246.0	-873.0	151.5	885.2	0.00	0.00	0.00
10,400.0	1.54	250.00	10,346.0	-873.9	149.0	885.8	0.00	0.00	0.00
10,500.0	1.54	250.00	10,446.0	-874.8	146.5	886.4	0.00	0.00	0.00
10,600.0	1.54	250.00	10,545.9	-875.7	143.9	887.0	0.00	0.00	0.00
10,700.0	1.54	250.00	10,645.9	-876.6	141.4	887.6	0.00	0.00	0.00
10,800.0	1.54	250.00	10,745.9	-877.5	138.9	888.1	0.00	0.00	0.00
10,900.0	1.54	250.00	10,845.8	-878.5	136.4	888.7	0.00	0.00	0.00
Cameo									
10,951.2	1.54	250.00	10,897.0	-878.9	135.1	889.0	0.00	0.00	0.00
11,000.0	1.54	250.00	10,945.8	-879.4	133.9	889.3	0.00	0.00	0.00
11,100.0	1.54	250.00	11,045.7	-880.3	131.3	889.9	0.00	0.00	0.00
11,200.0	1.54	250.00	11,145.7	-881.2	128.8	890.5	0.00	0.00	0.00
11,300.0	1.54	250.00	11,245.7	-882.1	126.3	891.1	0.00	0.00	0.00
11,400.0	1.54	250.00	11,345.6	-883.1	123.8	891.6	0.00	0.00	0.00
11,500.0	1.54	250.00	11,445.6	-884.0	121.2	892.2	0.00	0.00	0.00
Rollins									
11,525.4	1.54	250.00	11,471.0	-884.2	120.6	892.4	0.00	0.00	0.00
11,600.0	1.54	250.00	11,545.6	-884.9	118.7	892.8	0.00	0.00	0.00
11,700.0	1.54	250.00	11,645.5	-885.8	116.2	893.4	0.00	0.00	0.00
TD @ 11725.5' MD / 11671.0' TVD									
11,725.5	1.54	250.00	11,671.0	-886.0	115.6	893.5	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
23B-35 - OHCR	0.00	0.00	7,894.0	-851.8	209.5	14,414,509.29	2,447,247.43	39.658298	-108.133523
- plan hits target center									
- Point									
23B-35 - PBHL	0.00	0.00	11,671.0	-886.0	115.6	14,414,472.10	2,447,154.60	39.658204	-108.133857
- 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 23B-35 496 - Slot 23B-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 23B-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 (°)	
2,568.1	2,554.0	Wasatch				
5,590.7	5,554.0	Wasatch G				
5,846.6	5,808.0	Fort Union				
7,947.1	7,894.0	Ohio Creek				
7,947.1	7,894.0	TOG				
8,190.2	8,137.0	Williams Fork				
10,951.2	10,897.0	Cameo				
11,525.4	11,471.0	Rollins				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
525.0	525.0	0.0	0.0	Build 3° / 100'	
758.6	758.1	-13.9	3.4	EOB @ 7.01° Inc. / 166.18° Azm	
7,713.5	7,660.9	-838.0	206.1	Drop 3° / 100'	
7,947.1	7,894.0	-851.8	209.5	EOD @ Vertical / Build 1.5° / 100'	
8,049.6	7,996.5	-852.3	208.2	EOB @ 1.54° Inc. / 250.00° Azm	
11,725.5	11,671.0	-886.0	115.6	TD @ 11725.5' MD / 11671.0' TVD	