

Project: Garfield County, CO
 Site: BJU M23A 496 Pad
 Well: BJU M23A FED 26A-22 496
 Wellbore: Wellbore #1
 Design: Design #2
 Latitude: 39.683907
 Longitude: -108.140273
 Ground Level: 8104.0
 RKB @ 8134.0usft (30')

PROJECT DETAILS: Garfield County, US

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 @ 8134.0usft (30')
 Section (VS) Reference: Slot - 26A-22(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8134.0usft (30')
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3264.0	3469.8	Wasatch
5664.0	6061.9	Wasatch G
5964.0	6385.9	Fort Union
7934.0	8474.1	Ohio Creek
7934.0	8474.1	TOG
8322.0	8862.2	William Fork
11094.0	11635.0	Cameo
11594.0	12135.2	Rollins

SECTION DETAILS

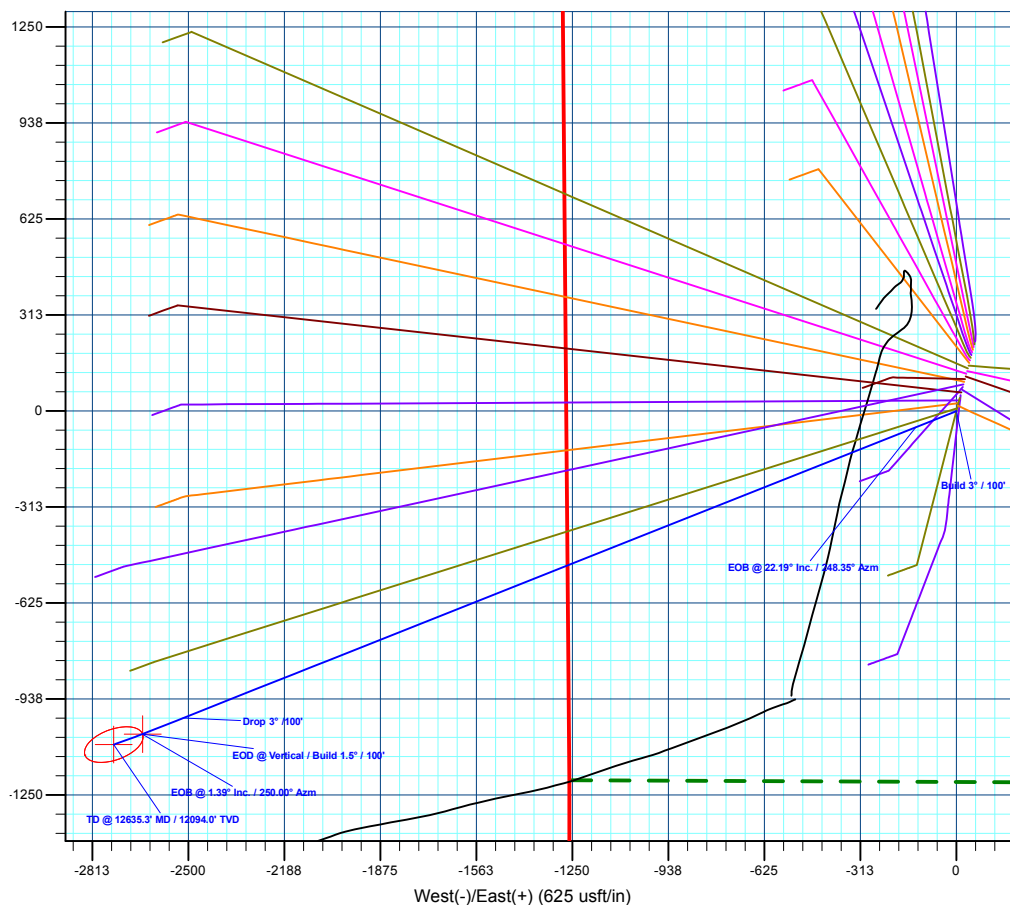
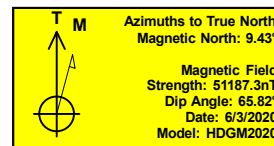
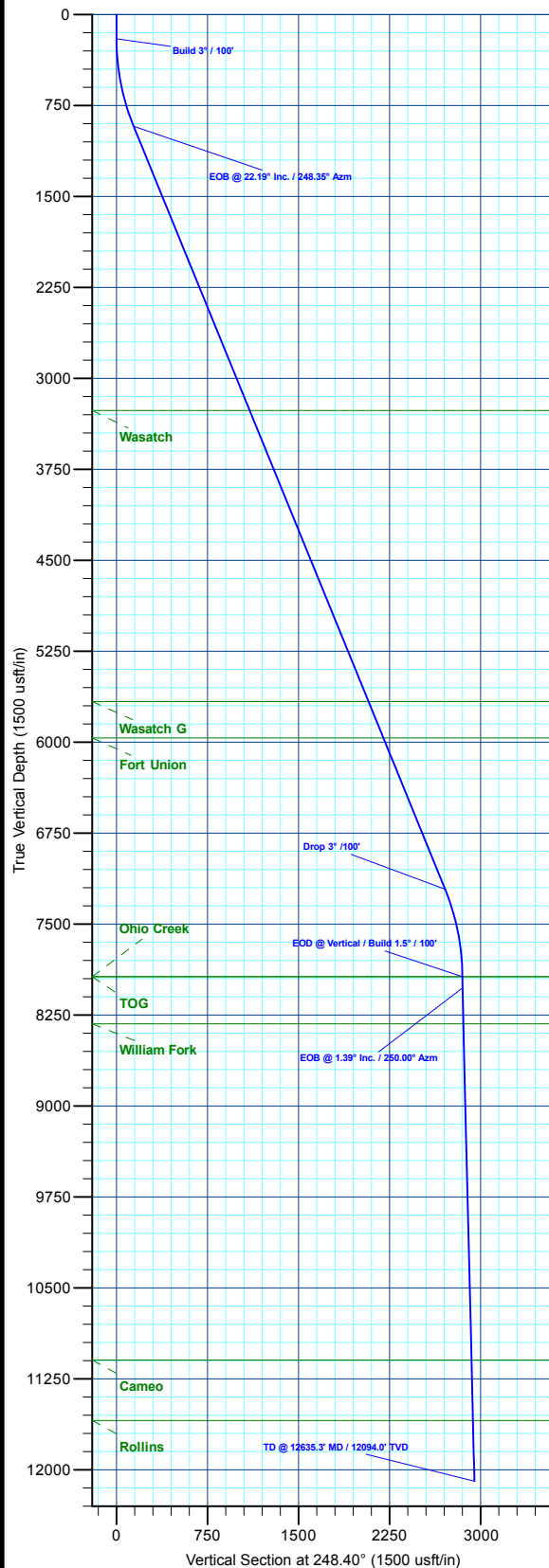
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dieg	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	Build 3° / 100'
939.8	22.19	248.35	921.4	-52.2	-131.5	3.00	248.35	141.5	EOB @ 22.19° Inc. / 248.35° Azm
7734.3	22.19	248.35	7212.6	-999.2	-2517.0	0.00	0.00	2708.1	Drop 3° / 100'
8474.1	0.00	0.00	7934.0	-1051.4	-2648.5	3.00	180.00	2849.6	EOD @ Vertical / Build 1.5° / 100'
8567.0	1.39	250.00	8026.8	-1051.8	-2648.6	1.50	250.00	2850.7	EOB @ 1.39° Inc. / 250.00° Azm
12635.3	1.39	250.00	12094.0	-1085.6	-2742.5	0.00	0.00	2949.6	TD @ 12635.3° MD / 12094.0° TVD

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
OHCR - 26A-22	7934.0	-1051.4	-2648.5	14422640.18	2442436.13	39.681021	-108.149679
PBHL - 26A-22	12094.0	-1085.6	-2742.5	14422603.00	2442343.30	39.680927	-108.150013

WELL DETAILS: BJU M23A FED 26A-22 496

+N/-S	+E/-W	Ground Level : 8104.0	Northing	Easting	Latitude	Longitude
0.0	0.0		14423775.50	2445049.80	39.683907	-108.140273



Plan: Design #2 (BJU M23A FED 26A-22 496/Wellbore #1)

Created By: Will Jircik

Date: 16:18, July 18 2022



Caerus Oil & Gas

Garfield County, CO

BJU M23A 496 Pad

BJU M23A FED 26A-22 496 - Slot 26A-22

Wellbore #1

Plan: Design #2

KLX Well Planning Report

18 July, 2022



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU M23A FED 26A-22 496 - Slot 26A-22
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8134.0usft (30')
Project:	Garfield County, CO	MD Reference:	RKB @ 8134.0usft (30')
Site:	BJU M23A 496 Pad	North Reference:	True
Well:	BJU M23A FED 26A-22 496	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	BJU M23A 496 Pad			
Site Position:		Northing:	14,424,028.50 usft	Latitude: 39.684596
From: Map		Easting:	2,445,109.60 usft	Longitude: -108.140032
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 1.83 °

Well	BJU M23A FED 26A-22 496 - Slot 26A-22			
Well Position	+N/-S	-251.0 usft	Northing:	14,423,775.50 usft
	+E/-W	-67.8 usft	Easting:	2,445,049.80 usft
Position Uncertainty		0.0 usft	Wellhead Elevation:	Latitude: 39.683907
				Longitude: -108.140273
				Ground Level: 8,104.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2020	6/3/2020	9.43	65.82	51,187.30000000

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	248.40

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	
939.8	22.19	248.35	921.4	-52.2	-131.5	3.00	3.00	0.00	248.35	
7,734.3	22.19	248.35	7,212.6	-999.2	-2,517.0	0.00	0.00	0.00	0.00	
8,474.1	0.00	0.00	7,934.0	-1,051.4	-2,648.5	3.00	-3.00	0.00	180.00	OHCR - 26A-22
8,567.0	1.39	250.00	8,026.8	-1,051.8	-2,649.6	1.50	1.50	-118.49	250.00	
12,635.3	1.39	250.00	12,094.0	-1,085.6	-2,742.5	0.00	0.00	0.00	0.00	PBHL - 26A-22

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU M23A FED 26A-22 496 - Slot 26A-22
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8134.0usft (30')
Project:	Garfield County, CO	MD Reference:	RKB @ 8134.0usft (30')
Site:	BJU M23A 496 Pad	North Reference:	True
Well:	BJU M23A FED 26A-22 496	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	248.35	300.0	-1.0	-2.4	2.6	3.00	3.00	0.00
400.0	6.00	248.35	399.6	-3.9	-9.7	10.5	3.00	3.00	0.00
500.0	9.00	248.35	498.8	-8.7	-21.9	23.5	3.00	3.00	0.00
600.0	12.00	248.35	597.1	-15.4	-38.8	41.7	3.00	3.00	0.00
700.0	15.00	248.35	694.3	-24.0	-60.5	65.1	3.00	3.00	0.00
800.0	18.00	248.35	790.2	-34.5	-86.9	93.5	3.00	3.00	0.00
900.0	21.00	248.35	884.4	-46.8	-117.9	126.9	3.00	3.00	0.00
EOB @ 22.19° Inc. / 248.35° Azm									
939.8	22.19	248.35	921.4	-52.2	-131.5	141.5	3.00	3.00	0.00
1,000.0	22.19	248.35	977.2	-60.6	-152.7	164.2	0.00	0.00	0.00
1,100.0	22.19	248.35	1,069.8	-74.5	-187.8	202.0	0.00	0.00	0.00
1,200.0	22.19	248.35	1,162.4	-88.5	-222.9	239.8	0.00	0.00	0.00
1,300.0	22.19	248.35	1,255.0	-102.4	-258.0	277.6	0.00	0.00	0.00
1,400.0	22.19	248.35	1,347.5	-116.3	-293.1	315.3	0.00	0.00	0.00
1,500.0	22.19	248.35	1,440.1	-130.3	-328.2	353.1	0.00	0.00	0.00
1,600.0	22.19	248.35	1,532.7	-144.2	-363.3	390.9	0.00	0.00	0.00
1,700.0	22.19	248.35	1,625.3	-158.2	-398.4	428.7	0.00	0.00	0.00
1,800.0	22.19	248.35	1,717.9	-172.1	-433.5	466.4	0.00	0.00	0.00
1,900.0	22.19	248.35	1,810.5	-186.0	-468.6	504.2	0.00	0.00	0.00
2,000.0	22.19	248.35	1,903.1	-200.0	-503.7	542.0	0.00	0.00	0.00
2,100.0	22.19	248.35	1,995.7	-213.9	-538.9	579.8	0.00	0.00	0.00
2,200.0	22.19	248.35	2,088.3	-227.9	-574.0	617.5	0.00	0.00	0.00
2,300.0	22.19	248.35	2,180.9	-241.8	-609.1	655.3	0.00	0.00	0.00
2,400.0	22.19	248.35	2,273.5	-255.7	-644.2	693.1	0.00	0.00	0.00
2,500.0	22.19	248.35	2,366.0	-269.7	-679.3	730.9	0.00	0.00	0.00
2,600.0	22.19	248.35	2,458.6	-283.6	-714.4	768.6	0.00	0.00	0.00
2,700.0	22.19	248.35	2,551.2	-297.5	-749.5	806.4	0.00	0.00	0.00
2,800.0	22.19	248.35	2,643.8	-311.5	-784.6	844.2	0.00	0.00	0.00
2,900.0	22.19	248.35	2,736.4	-325.4	-819.7	882.0	0.00	0.00	0.00
3,000.0	22.19	248.35	2,829.0	-339.4	-854.8	919.7	0.00	0.00	0.00
3,100.0	22.19	248.35	2,921.6	-353.3	-889.9	957.5	0.00	0.00	0.00
3,200.0	22.19	248.35	3,014.2	-367.2	-925.1	995.3	0.00	0.00	0.00
3,300.0	22.19	248.35	3,106.8	-381.2	-960.2	1,033.1	0.00	0.00	0.00
3,400.0	22.19	248.35	3,199.4	-395.1	-995.3	1,070.8	0.00	0.00	0.00
Wasatch									
3,469.8	22.19	248.35	3,264.0	-404.8	-1,019.8	1,097.2	0.00	0.00	0.00
3,500.0	22.19	248.35	3,292.0	-409.0	-1,030.4	1,108.6	0.00	0.00	0.00
3,600.0	22.19	248.35	3,384.5	-423.0	-1,065.5	1,146.4	0.00	0.00	0.00
3,700.0	22.19	248.35	3,477.1	-436.9	-1,100.6	1,184.2	0.00	0.00	0.00
3,800.0	22.19	248.35	3,569.7	-450.9	-1,135.7	1,221.9	0.00	0.00	0.00
3,900.0	22.19	248.35	3,662.3	-464.8	-1,170.8	1,259.7	0.00	0.00	0.00
4,000.0	22.19	248.35	3,754.9	-478.7	-1,205.9	1,297.5	0.00	0.00	0.00
4,100.0	22.19	248.35	3,847.5	-492.7	-1,241.0	1,335.2	0.00	0.00	0.00
4,200.0	22.19	248.35	3,940.1	-506.6	-1,276.1	1,373.0	0.00	0.00	0.00
4,300.0	22.19	248.35	4,032.7	-520.5	-1,311.3	1,410.8	0.00	0.00	0.00
4,400.0	22.19	248.35	4,125.3	-534.5	-1,346.4	1,448.6	0.00	0.00	0.00
4,500.0	22.19	248.35	4,217.9	-548.4	-1,381.5	1,486.3	0.00	0.00	0.00
4,600.0	22.19	248.35	4,310.5	-562.4	-1,416.6	1,524.1	0.00	0.00	0.00
4,700.0	22.19	248.35	4,403.0	-576.3	-1,451.7	1,561.9	0.00	0.00	0.00

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Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8134.0usft (30')
Project:	Garfield County, CO	MD Reference:	RKB @ 8134.0usft (30')
Site:	BJU M23A 496 Pad	North Reference:	True
Well:	BJU M23A FED 26A-22 496	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	22.19	248.35	4,495.6	-590.2	-1,486.8	1,599.7	0.00	0.00	0.00
4,900.0	22.19	248.35	4,588.2	-604.2	-1,521.9	1,637.4	0.00	0.00	0.00
5,000.0	22.19	248.35	4,680.8	-618.1	-1,557.0	1,675.2	0.00	0.00	0.00
5,100.0	22.19	248.35	4,773.4	-632.0	-1,592.1	1,713.0	0.00	0.00	0.00
5,200.0	22.19	248.35	4,866.0	-646.0	-1,627.2	1,750.8	0.00	0.00	0.00
5,300.0	22.19	248.35	4,958.6	-659.9	-1,662.3	1,788.5	0.00	0.00	0.00
5,400.0	22.19	248.35	5,051.2	-673.9	-1,697.5	1,826.3	0.00	0.00	0.00
5,500.0	22.19	248.35	5,143.8	-687.8	-1,732.6	1,864.1	0.00	0.00	0.00
5,600.0	22.19	248.35	5,236.4	-701.7	-1,767.7	1,901.9	0.00	0.00	0.00
5,700.0	22.19	248.35	5,329.0	-715.7	-1,802.8	1,939.6	0.00	0.00	0.00
5,800.0	22.19	248.35	5,421.5	-729.6	-1,837.9	1,977.4	0.00	0.00	0.00
5,900.0	22.19	248.35	5,514.1	-743.5	-1,873.0	2,015.2	0.00	0.00	0.00
6,000.0	22.19	248.35	5,606.7	-757.5	-1,908.1	2,053.0	0.00	0.00	0.00
Wasatch G									
6,061.9	22.19	248.35	5,664.0	-766.1	-1,929.8	2,076.3	0.00	0.00	0.00
6,100.0	22.19	248.35	5,699.3	-771.4	-1,943.2	2,090.7	0.00	0.00	0.00
6,200.0	22.19	248.35	5,791.9	-785.4	-1,978.3	2,128.5	0.00	0.00	0.00
6,300.0	22.19	248.35	5,884.5	-799.3	-2,013.4	2,166.3	0.00	0.00	0.00
Fort Union									
6,385.9	22.19	248.35	5,964.0	-811.3	-2,043.6	2,198.7	0.00	0.00	0.00
6,400.0	22.19	248.35	5,977.1	-813.2	-2,048.5	2,204.1	0.00	0.00	0.00
6,500.0	22.19	248.35	6,069.7	-827.2	-2,083.7	2,241.8	0.00	0.00	0.00
6,600.0	22.19	248.35	6,162.3	-841.1	-2,118.8	2,279.6	0.00	0.00	0.00
6,700.0	22.19	248.35	6,254.9	-855.0	-2,153.9	2,317.4	0.00	0.00	0.00
6,800.0	22.19	248.35	6,347.5	-869.0	-2,189.0	2,355.2	0.00	0.00	0.00
6,900.0	22.19	248.35	6,440.0	-882.9	-2,224.1	2,392.9	0.00	0.00	0.00
7,000.0	22.19	248.35	6,532.6	-896.9	-2,259.2	2,430.7	0.00	0.00	0.00
7,100.0	22.19	248.35	6,625.2	-910.8	-2,294.3	2,468.5	0.00	0.00	0.00
7,200.0	22.19	248.35	6,717.8	-924.7	-2,329.4	2,506.3	0.00	0.00	0.00
7,300.0	22.19	248.35	6,810.4	-938.7	-2,364.5	2,544.0	0.00	0.00	0.00
7,400.0	22.19	248.35	6,903.0	-952.6	-2,399.6	2,581.8	0.00	0.00	0.00
7,500.0	22.19	248.35	6,995.6	-966.5	-2,434.7	2,619.6	0.00	0.00	0.00
7,600.0	22.19	248.35	7,088.2	-980.5	-2,469.9	2,657.4	0.00	0.00	0.00
7,700.0	22.19	248.35	7,180.8	-994.4	-2,505.0	2,695.1	0.00	0.00	0.00
Drop 3° /100'									
7,734.3	22.19	248.35	7,212.6	-999.2	-2,517.0	2,708.1	0.00	0.00	0.00
7,800.0	20.22	248.35	7,273.8	-1,008.0	-2,539.1	2,731.9	3.00	-3.00	0.00
7,900.0	17.22	248.35	7,368.5	-1,019.8	-2,568.9	2,764.0	3.00	-3.00	0.00
8,000.0	14.22	248.35	7,464.7	-1,029.8	-2,594.1	2,791.0	3.00	-3.00	0.00
8,100.0	11.22	248.35	7,562.3	-1,037.9	-2,614.6	2,813.1	3.00	-3.00	0.00
8,200.0	8.22	248.35	7,660.8	-1,044.2	-2,630.3	2,830.0	3.00	-3.00	0.00
8,300.0	5.22	248.35	7,760.1	-1,048.5	-2,641.2	2,841.7	3.00	-3.00	0.00
8,400.0	2.22	248.35	7,859.9	-1,050.9	-2,647.2	2,848.2	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek - TOG									
8,474.1	0.00	0.00	7,934.0	-1,051.4	-2,648.5	2,849.6	3.00	-3.00	0.00
8,500.0	0.39	250.00	7,959.9	-1,051.4	-2,648.6	2,849.7	1.50	1.50	0.00
EOB @ 1.39° Inc. / 250.00° Azm									
8,567.0	1.39	250.00	8,026.8	-1,051.8	-2,649.6	2,850.7	1.50	1.50	0.00
8,600.0	1.39	250.00	8,059.8	-1,052.1	-2,650.4	2,851.5	0.00	0.00	0.00
8,700.0	1.39	250.00	8,159.8	-1,052.9	-2,652.6	2,854.0	0.00	0.00	0.00
8,800.0	1.39	250.00	8,259.8	-1,053.7	-2,654.9	2,856.4	0.00	0.00	0.00
William Fork									

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU M23A FED 26A-22 496 - Slot 26A-22
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8134.0usft (30')
Project:	Garfield County, CO	MD Reference:	RKB @ 8134.0usft (30')
Site:	BJU M23A 496 Pad	North Reference:	True
Well:	BJU M23A FED 26A-22 496	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)
8,862.2	1.39	250.00	8,322.0	-1,054.2	-2,656.3	2,857.9	0.00	0.00	0.00
8,900.0	1.39	250.00	8,359.8	-1,054.6	-2,657.2	2,858.8	0.00	0.00	0.00
9,000.0	1.39	250.00	8,459.7	-1,055.4	-2,659.5	2,861.2	0.00	0.00	0.00
9,100.0	1.39	250.00	8,559.7	-1,056.2	-2,661.8	2,863.7	0.00	0.00	0.00
9,200.0	1.39	250.00	8,659.7	-1,057.1	-2,664.1	2,866.1	0.00	0.00	0.00
9,300.0	1.39	250.00	8,759.6	-1,057.9	-2,666.3	2,868.5	0.00	0.00	0.00
9,400.0	1.39	250.00	8,859.6	-1,058.7	-2,668.6	2,871.0	0.00	0.00	0.00
9,500.0	1.39	250.00	8,959.6	-1,059.6	-2,670.9	2,873.4	0.00	0.00	0.00
9,600.0	1.39	250.00	9,059.6	-1,060.4	-2,673.2	2,875.8	0.00	0.00	0.00
9,700.0	1.39	250.00	9,159.5	-1,061.2	-2,675.5	2,878.3	0.00	0.00	0.00
9,800.0	1.39	250.00	9,259.5	-1,062.0	-2,677.8	2,880.7	0.00	0.00	0.00
9,900.0	1.39	250.00	9,359.5	-1,062.9	-2,680.0	2,883.1	0.00	0.00	0.00
10,000.0	1.39	250.00	9,459.4	-1,063.7	-2,682.3	2,885.5	0.00	0.00	0.00
10,100.0	1.39	250.00	9,559.4	-1,064.5	-2,684.6	2,888.0	0.00	0.00	0.00
10,200.0	1.39	250.00	9,659.4	-1,065.4	-2,686.9	2,890.4	0.00	0.00	0.00
10,300.0	1.39	250.00	9,759.3	-1,066.2	-2,689.2	2,892.8	0.00	0.00	0.00
10,400.0	1.39	250.00	9,859.3	-1,067.0	-2,691.5	2,895.3	0.00	0.00	0.00
10,500.0	1.39	250.00	9,959.3	-1,067.9	-2,693.7	2,897.7	0.00	0.00	0.00
10,600.0	1.39	250.00	10,059.3	-1,068.7	-2,696.0	2,900.1	0.00	0.00	0.00
10,700.0	1.39	250.00	10,159.2	-1,069.5	-2,698.3	2,902.5	0.00	0.00	0.00
10,800.0	1.39	250.00	10,259.2	-1,070.4	-2,700.6	2,905.0	0.00	0.00	0.00
10,900.0	1.39	250.00	10,359.2	-1,071.2	-2,702.9	2,907.4	0.00	0.00	0.00
11,000.0	1.39	250.00	10,459.1	-1,072.0	-2,705.2	2,909.8	0.00	0.00	0.00
11,100.0	1.39	250.00	10,559.1	-1,072.8	-2,707.4	2,912.3	0.00	0.00	0.00
11,200.0	1.39	250.00	10,659.1	-1,073.7	-2,709.7	2,914.7	0.00	0.00	0.00
11,300.0	1.39	250.00	10,759.1	-1,074.5	-2,712.0	2,917.1	0.00	0.00	0.00
11,400.0	1.39	250.00	10,859.0	-1,075.3	-2,714.3	2,919.5	0.00	0.00	0.00
11,500.0	1.39	250.00	10,959.0	-1,076.2	-2,716.6	2,922.0	0.00	0.00	0.00
11,600.0	1.39	250.00	11,059.0	-1,077.0	-2,718.9	2,924.4	0.00	0.00	0.00
Cameo									
11,635.0	1.39	250.00	11,094.0	-1,077.3	-2,719.7	2,925.3	0.00	0.00	0.00
11,700.0	1.39	250.00	11,158.9	-1,077.8	-2,721.1	2,926.8	0.00	0.00	0.00
11,800.0	1.39	250.00	11,258.9	-1,078.7	-2,723.4	2,929.3	0.00	0.00	0.00
11,900.0	1.39	250.00	11,358.9	-1,079.5	-2,725.7	2,931.7	0.00	0.00	0.00
12,000.0	1.39	250.00	11,458.8	-1,080.3	-2,728.0	2,934.1	0.00	0.00	0.00
12,100.0	1.39	250.00	11,558.8	-1,081.2	-2,730.3	2,936.6	0.00	0.00	0.00
Rollins									
12,135.2	1.39	250.00	11,594.0	-1,081.5	-2,731.1	2,937.4	0.00	0.00	0.00
12,200.0	1.39	250.00	11,658.8	-1,082.0	-2,732.6	2,939.0	0.00	0.00	0.00
12,300.0	1.39	250.00	11,758.8	-1,082.8	-2,734.8	2,941.4	0.00	0.00	0.00
12,400.0	1.39	250.00	11,858.7	-1,083.7	-2,737.1	2,943.8	0.00	0.00	0.00
12,500.0	1.39	250.00	11,958.7	-1,084.5	-2,739.4	2,946.3	0.00	0.00	0.00
12,600.0	1.39	250.00	12,058.7	-1,085.3	-2,741.7	2,948.7	0.00	0.00	0.00
TD @ 12635.3' MD / 12094.0' TVD									
12,635.3	1.39	250.00	12,094.0	-1,085.6	-2,742.5	2,949.6	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU M23A FED 26A-22 496 - Slot 26A-22
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8134.0usft (30')
Project:	Garfield County, CO	MD Reference:	RKB @ 8134.0usft (30')
Site:	BJU M23A 496 Pad	North Reference:	True
Well:	BJU M23A FED 26A-22 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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
OHCR - 26A-22 - plan hits target center - Point	0.00	0.00	7,934.0	-1,051.4	-2,648.5	14,422,640.18	2,442,436.13	39.681021	-108.149680
PBHL - 26A-22 - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi)	0.00	0.00	12,094.0	-1,085.6	-2,742.5	14,422,603.00	2,442,343.30	39.680927	-108.150013

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,469.8	3,264.0	Wasatch			
6,061.9	5,664.0	Wasatch G			
6,385.9	5,964.0	Fort Union			
8,474.1	7,934.0	Ohio Creek			
8,474.1	7,934.0	TOG			
8,862.2	8,322.0	William Fork			
11,635.0	11,094.0	Cameo			
12,135.2	11,594.0	Rollins			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
200.0	200.0	0.0	0.0	Build 3° / 100'
939.8	921.4	-52.2	-131.5	EOB @ 22.19° Inc. / 248.35° Azm
7,734.3	7,212.6	-999.2	-2,517.0	Drop 3° / 100'
8,474.1	7,934.0	-1,051.4	-2,648.5	EOD @ Vertical / Build 1.5° / 100'
8,567.0	8,026.8	-1,051.8	-2,649.6	EOB @ 1.39° Inc. / 250.00° Azm
12,635.3	12,094.0	-1,085.6	-2,742.5	TD @ 12635.3' MD / 12094.0' TVD