

Project: Garfield County, CO
 Site: BJU M23A 496 Pad
 Well: BJU M23A FED 15C-23 496
 Wellbore: Wellbore #1
 Design: Design #3
 Latitude: 39.683955
 Longitude: -108.140256
 Ground Level: 8104.0
 RKB @ 8134.0usft (30')

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

REFERENCE INFORMATION
 Vertical (TVD) Reference: RKB @ 8134.0usft (30')
 Section (VS) Reference: Slot - 15C-23(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8134.0usft (30')
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3298.0	3315.5	Wasatch
5698.0	5730.1	Wasatch G
5998.0	6032.0	Fort Union
8015.0	8060.4	Ohio Creek
8356.0	8401.5	Williams Fork
11245.0	11291.3	Cameo
11745.0	11791.4	Rollins

SECTION DETAILS

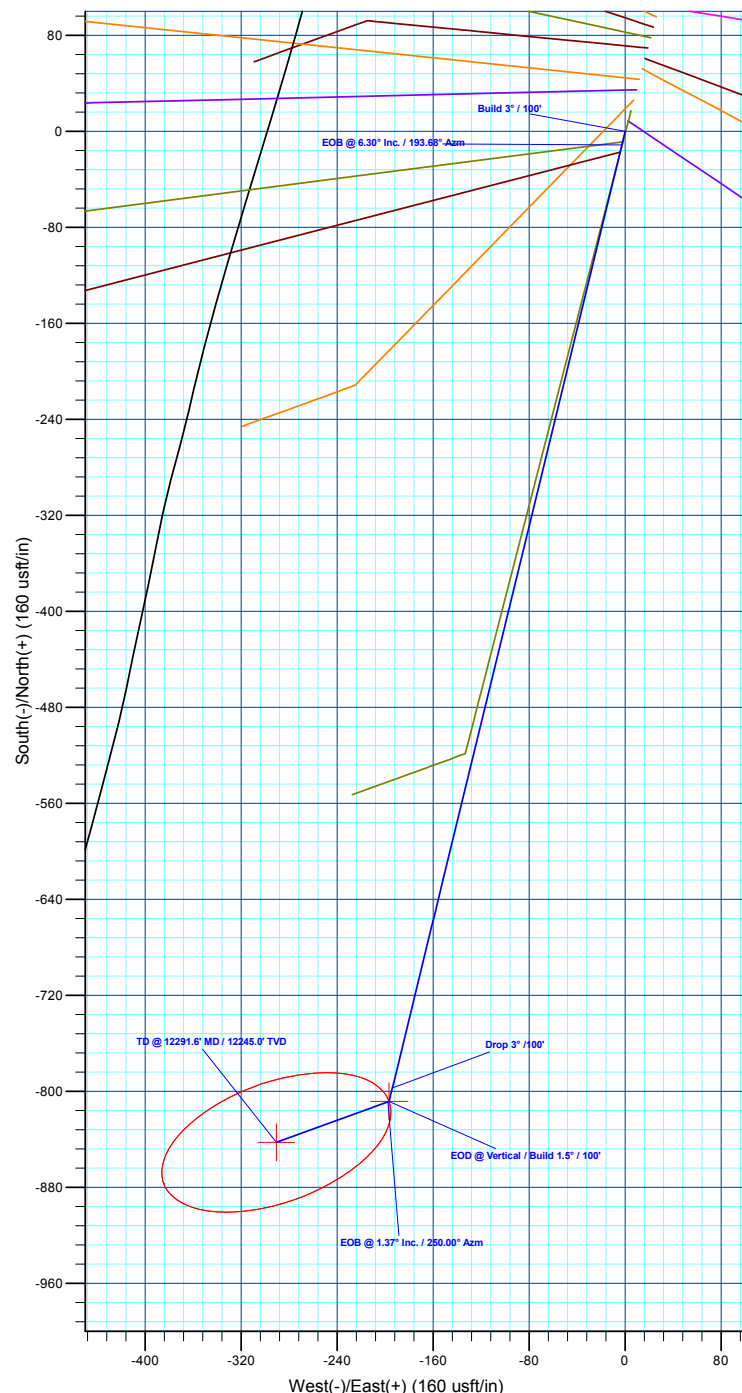
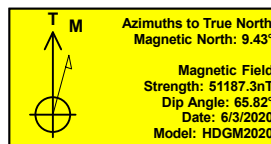
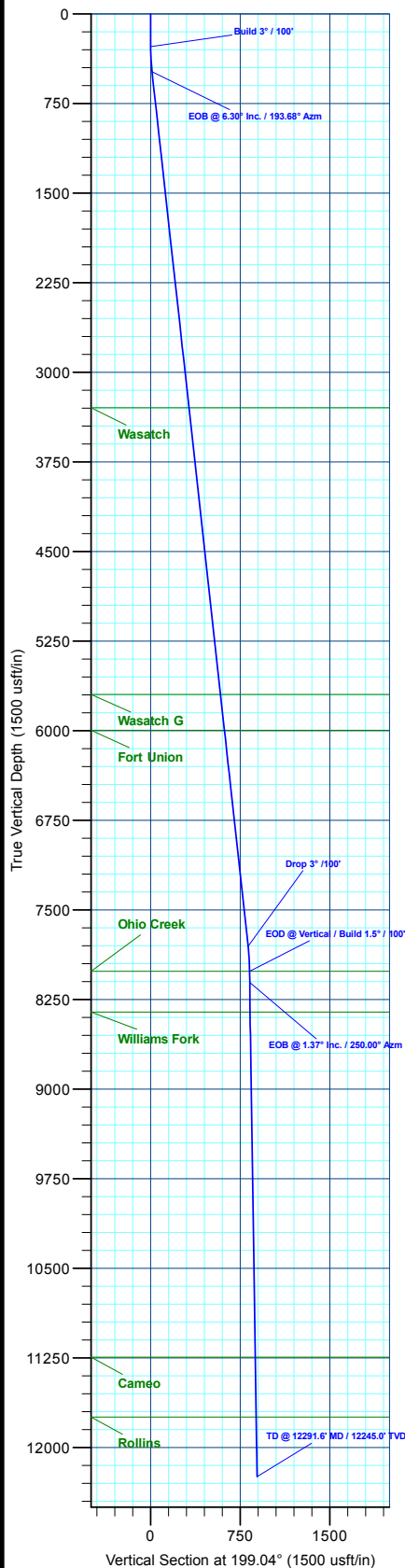
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
275.0	0.00	0.00	275.0	0.0	0.0	0.00	0.00	0.0	Build 3" / 100'
485.1	6.30	193.68	484.7	-11.2	-2.7	3.00	193.68	11.5	EOB @ 6.30" Inc. / 193.68" Azm
7850.2	6.30	193.68	7805.3	-797.0	-194.0	0.00	0.00	816.7	Drop 3" / 100'
8060.4	0.00	0.00	8015.0	-808.3	-196.7	3.00	180.00	828.2	EOD @ Vertical / Build 1.5" / 100'
8151.7	1.37	250.00	8106.3	-808.6	-197.8	1.50	250.00	828.9	EOB @ 1.37" Inc. / 250.00" Azm
12291.6	1.37	250.00	12245.0	-842.5	-290.7	0.00	0.00	891.2	TD @ 12291.6' MD / 12245.0' TVD

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
OHCR - 15C-23	8015.0	-808.3	-196.7	14422978.88	2444883.03	39.681736	-108.140955
PBHL - 15C-23	12245.0	-842.5	-290.7	14422941.70	2444790.20	39.681643	-108.141289

WELL DETAILS: BJU M23A FED 15C-23 496

	+N/-S	+E/-W	Ground Level : 8104.0	Northing	Easting	Latitude	Longitude
	0.0	0.0		14423793.00	2445053.90	39.683955	-108.140256
							15C-23



Plan: Design #3 (BJU M23A FED 15C-23 496/Wellbore #1)

Created By: Will Jircik Date: 0:35, January 05 2023



Caerus Oil & Gas

Garfield County, CO

BJU M23A 496 Pad

BJU M23A FED 15C-23 496 - Slot 15C-23

Wellbore #1

Plan: Design #3

KLX Well Planning Report

05 January, 2023



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU M23A FED 15C-23 496 - Slot 15C-23
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 15C-23 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #3		

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 15C-23 496 - Slot 15C-23			
Well Position	+N/-S	-233.6 usft	Northing:	14,423,793.00 usft
	+E/-W	-63.2 usft	Easting:	2,445,053.90 usft
Position Uncertainty		0.0 usft	Wellhead Elevation:	Latitude: 39.683955
				Longitude: -108.140257
				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 #3			
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	199.04

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	
275.0	0.00	0.00	275.0	0.0	0.0	0.00	0.00	0.00	0.00	
485.1	6.30	193.68	484.7	-11.2	-2.7	3.00	3.00	0.00	193.68	
7,850.2	6.30	193.68	7,805.3	-797.0	-194.0	0.00	0.00	0.00	0.00	
8,060.4	0.00	0.00	8,015.0	-808.3	-196.7	3.00	-3.00	0.00	180.00	OHCR - 15C-23
8,151.7	1.37	250.00	8,106.3	-808.6	-197.8	1.50	1.50	-120.53	250.00	
12,291.6	1.37	250.00	12,245.0	-842.5	-290.7	0.00	0.00	0.00	0.00	PBHL - 15C-23

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU M23A FED 15C-23 496 - Slot 15C-23
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 15C-23 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #3		

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'									
275.0	0.00	0.00	275.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.75	193.68	300.0	-0.2	0.0	0.2	3.00	3.00	0.00
400.0	3.75	193.68	399.9	-4.0	-1.0	4.1	3.00	3.00	0.00
EOB @ 6.30° Inc. / 193.68° Azm									
485.1	6.30	193.68	484.7	-11.2	-2.7	11.5	3.00	3.00	0.00
500.0	6.30	193.68	499.5	-12.8	-3.1	13.1	0.00	0.00	0.00
600.0	6.30	193.68	598.9	-23.5	-5.7	24.1	0.00	0.00	0.00
700.0	6.30	193.68	698.3	-34.1	-8.3	35.0	0.00	0.00	0.00
800.0	6.30	193.68	797.7	-44.8	-10.9	45.9	0.00	0.00	0.00
900.0	6.30	193.68	897.1	-55.5	-13.5	56.9	0.00	0.00	0.00
1,000.0	6.30	193.68	996.5	-66.2	-16.1	67.8	0.00	0.00	0.00
1,100.0	6.30	193.68	1,095.9	-76.8	-18.7	78.7	0.00	0.00	0.00
1,200.0	6.30	193.68	1,195.3	-87.5	-21.3	89.7	0.00	0.00	0.00
1,300.0	6.30	193.68	1,294.6	-98.2	-23.9	100.6	0.00	0.00	0.00
1,400.0	6.30	193.68	1,394.0	-108.8	-26.5	111.5	0.00	0.00	0.00
1,500.0	6.30	193.68	1,493.4	-119.5	-29.1	122.5	0.00	0.00	0.00
1,600.0	6.30	193.68	1,592.8	-130.2	-31.7	133.4	0.00	0.00	0.00
1,700.0	6.30	193.68	1,692.2	-140.8	-34.3	144.3	0.00	0.00	0.00
1,800.0	6.30	193.68	1,791.6	-151.5	-36.9	155.3	0.00	0.00	0.00
1,900.0	6.30	193.68	1,891.0	-162.2	-39.5	166.2	0.00	0.00	0.00
2,000.0	6.30	193.68	1,990.4	-172.8	-42.1	177.1	0.00	0.00	0.00
2,100.0	6.30	193.68	2,089.8	-183.5	-44.7	188.1	0.00	0.00	0.00
2,200.0	6.30	193.68	2,189.2	-194.2	-47.3	199.0	0.00	0.00	0.00
2,300.0	6.30	193.68	2,288.6	-204.9	-49.9	209.9	0.00	0.00	0.00
2,400.0	6.30	193.68	2,388.0	-215.5	-52.5	220.9	0.00	0.00	0.00
2,500.0	6.30	193.68	2,487.4	-226.2	-55.1	231.8	0.00	0.00	0.00
2,600.0	6.30	193.68	2,586.8	-236.9	-57.7	242.7	0.00	0.00	0.00
2,700.0	6.30	193.68	2,686.2	-247.5	-60.3	253.6	0.00	0.00	0.00
2,800.0	6.30	193.68	2,785.6	-258.2	-62.9	264.6	0.00	0.00	0.00
2,900.0	6.30	193.68	2,885.0	-268.9	-65.4	275.5	0.00	0.00	0.00
3,000.0	6.30	193.68	2,984.4	-279.5	-68.0	286.4	0.00	0.00	0.00
3,100.0	6.30	193.68	3,083.8	-290.2	-70.6	297.4	0.00	0.00	0.00
3,200.0	6.30	193.68	3,183.2	-300.9	-73.2	308.3	0.00	0.00	0.00
3,300.0	6.30	193.68	3,282.6	-311.6	-75.8	319.2	0.00	0.00	0.00
Wasatch									
3,315.5	6.30	193.68	3,298.0	-313.2	-76.2	320.9	0.00	0.00	0.00
3,400.0	6.30	193.68	3,381.9	-322.2	-78.4	330.2	0.00	0.00	0.00
3,500.0	6.30	193.68	3,481.3	-332.9	-81.0	341.1	0.00	0.00	0.00
3,600.0	6.30	193.68	3,580.7	-343.6	-83.6	352.0	0.00	0.00	0.00
3,700.0	6.30	193.68	3,680.1	-354.2	-86.2	363.0	0.00	0.00	0.00
3,800.0	6.30	193.68	3,779.5	-364.9	-88.8	373.9	0.00	0.00	0.00
3,900.0	6.30	193.68	3,878.9	-375.6	-91.4	384.8	0.00	0.00	0.00
4,000.0	6.30	193.68	3,978.3	-386.2	-94.0	395.8	0.00	0.00	0.00
4,100.0	6.30	193.68	4,077.7	-396.9	-96.6	406.7	0.00	0.00	0.00
4,200.0	6.30	193.68	4,177.1	-407.6	-99.2	417.6	0.00	0.00	0.00
4,300.0	6.30	193.68	4,276.5	-418.2	-101.8	428.6	0.00	0.00	0.00
4,400.0	6.30	193.68	4,375.9	-428.9	-104.4	439.5	0.00	0.00	0.00
4,500.0	6.30	193.68	4,475.3	-439.6	-107.0	450.4	0.00	0.00	0.00
4,600.0	6.30	193.68	4,574.7	-450.3	-109.6	461.4	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU M23A FED 15C-23 496 - Slot 15C-23
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 15C-23 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #3		

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	6.30	193.68	4,674.1	-460.9	-112.2	472.3	0.00	0.00	0.00
4,800.0	6.30	193.68	4,773.5	-471.6	-114.8	483.2	0.00	0.00	0.00
4,900.0	6.30	193.68	4,872.9	-482.3	-117.4	494.2	0.00	0.00	0.00
5,000.0	6.30	193.68	4,972.3	-492.9	-120.0	505.1	0.00	0.00	0.00
5,100.0	6.30	193.68	5,071.7	-503.6	-122.6	516.0	0.00	0.00	0.00
5,200.0	6.30	193.68	5,171.1	-514.3	-125.2	527.0	0.00	0.00	0.00
5,300.0	6.30	193.68	5,270.5	-524.9	-127.8	537.9	0.00	0.00	0.00
5,400.0	6.30	193.68	5,369.9	-535.6	-130.4	548.8	0.00	0.00	0.00
5,500.0	6.30	193.68	5,469.2	-546.3	-133.0	559.8	0.00	0.00	0.00
5,600.0	6.30	193.68	5,568.6	-556.9	-135.6	570.7	0.00	0.00	0.00
5,700.0	6.30	193.68	5,668.0	-567.6	-138.2	581.6	0.00	0.00	0.00
Wasatch G									
5,730.1	6.30	193.68	5,698.0	-570.8	-138.9	584.9	0.00	0.00	0.00
5,800.0	6.30	193.68	5,767.4	-578.3	-140.8	592.6	0.00	0.00	0.00
5,900.0	6.30	193.68	5,866.8	-589.0	-143.4	603.5	0.00	0.00	0.00
6,000.0	6.30	193.68	5,966.2	-599.6	-146.0	614.4	0.00	0.00	0.00
Fort Union									
6,032.0	6.30	193.68	5,998.0	-603.0	-146.8	617.9	0.00	0.00	0.00
6,100.0	6.30	193.68	6,065.6	-610.3	-148.6	625.4	0.00	0.00	0.00
6,200.0	6.30	193.68	6,165.0	-621.0	-151.2	636.3	0.00	0.00	0.00
6,300.0	6.30	193.68	6,264.4	-631.6	-153.7	647.2	0.00	0.00	0.00
6,400.0	6.30	193.68	6,363.8	-642.3	-156.3	658.2	0.00	0.00	0.00
6,500.0	6.30	193.68	6,463.2	-653.0	-158.9	669.1	0.00	0.00	0.00
6,600.0	6.30	193.68	6,562.6	-663.6	-161.5	680.0	0.00	0.00	0.00
6,700.0	6.30	193.68	6,662.0	-674.3	-164.1	691.0	0.00	0.00	0.00
6,800.0	6.30	193.68	6,761.4	-685.0	-166.7	701.9	0.00	0.00	0.00
6,900.0	6.30	193.68	6,860.8	-695.7	-169.3	712.8	0.00	0.00	0.00
7,000.0	6.30	193.68	6,960.2	-706.3	-171.9	723.8	0.00	0.00	0.00
7,100.0	6.30	193.68	7,059.6	-717.0	-174.5	734.7	0.00	0.00	0.00
7,200.0	6.30	193.68	7,159.0	-727.7	-177.1	745.6	0.00	0.00	0.00
7,300.0	6.30	193.68	7,258.4	-738.3	-179.7	756.6	0.00	0.00	0.00
7,400.0	6.30	193.68	7,357.8	-749.0	-182.3	767.5	0.00	0.00	0.00
7,500.0	6.30	193.68	7,457.2	-759.7	-184.9	778.4	0.00	0.00	0.00
7,600.0	6.30	193.68	7,556.5	-770.3	-187.5	789.4	0.00	0.00	0.00
7,700.0	6.30	193.68	7,655.9	-781.0	-190.1	800.3	0.00	0.00	0.00
7,800.0	6.30	193.68	7,755.3	-791.7	-192.7	811.2	0.00	0.00	0.00
Drop 3° /100'									
7,850.2	6.30	193.68	7,805.3	-797.0	-194.0	816.7	0.00	0.00	0.00
7,900.0	4.81	193.68	7,854.8	-801.7	-195.1	821.5	3.00	-3.00	0.00
8,000.0	1.81	193.68	7,954.6	-807.3	-196.5	827.3	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek									
8,060.4	0.00	0.00	8,015.0	-808.3	-196.7	828.2	3.00	-3.00	0.00
8,100.0	0.59	250.00	8,054.6	-808.3	-196.9	828.4	1.50	1.50	0.00
EOB @ 1.37° Inc. / 250.00° Azm									
8,151.7	1.37	250.00	8,106.3	-808.6	-197.8	828.9	1.50	1.50	0.00
8,200.0	1.37	250.00	8,154.6	-809.0	-198.9	829.6	0.00	0.00	0.00
8,300.0	1.37	250.00	8,254.6	-809.8	-201.1	831.1	0.00	0.00	0.00
8,400.0	1.37	250.00	8,354.5	-810.7	-203.3	832.6	0.00	0.00	0.00
Williams Fork									
8,401.5	1.37	250.00	8,356.0	-810.7	-203.4	832.7	0.00	0.00	0.00
8,500.0	1.37	250.00	8,454.5	-811.5	-205.6	834.2	0.00	0.00	0.00
8,600.0	1.37	250.00	8,554.5	-812.3	-207.8	835.7	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 15C-23 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #3		

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)
8,700.0	1.37	250.00	8,654.4	-813.1	-210.1	837.2	0.00	0.00	0.00
8,800.0	1.37	250.00	8,754.4	-813.9	-212.3	838.7	0.00	0.00	0.00
8,900.0	1.37	250.00	8,854.4	-814.7	-214.6	840.2	0.00	0.00	0.00
9,000.0	1.37	250.00	8,954.4	-815.6	-216.8	841.7	0.00	0.00	0.00
9,100.0	1.37	250.00	9,054.3	-816.4	-219.1	843.2	0.00	0.00	0.00
9,200.0	1.37	250.00	9,154.3	-817.2	-221.3	844.7	0.00	0.00	0.00
9,300.0	1.37	250.00	9,254.3	-818.0	-223.5	846.2	0.00	0.00	0.00
9,400.0	1.37	250.00	9,354.2	-818.8	-225.8	847.7	0.00	0.00	0.00
9,500.0	1.37	250.00	9,454.2	-819.6	-228.0	849.2	0.00	0.00	0.00
9,600.0	1.37	250.00	9,554.2	-820.5	-230.3	850.7	0.00	0.00	0.00
9,700.0	1.37	250.00	9,654.2	-821.3	-232.5	852.2	0.00	0.00	0.00
9,800.0	1.37	250.00	9,754.1	-822.1	-234.8	853.7	0.00	0.00	0.00
9,900.0	1.37	250.00	9,854.1	-822.9	-237.0	855.2	0.00	0.00	0.00
10,000.0	1.37	250.00	9,954.1	-823.7	-239.3	856.7	0.00	0.00	0.00
10,100.0	1.37	250.00	10,054.0	-824.6	-241.5	858.2	0.00	0.00	0.00
10,200.0	1.37	250.00	10,154.0	-825.4	-243.8	859.7	0.00	0.00	0.00
10,300.0	1.37	250.00	10,254.0	-826.2	-246.0	861.2	0.00	0.00	0.00
10,400.0	1.37	250.00	10,354.0	-827.0	-248.2	862.7	0.00	0.00	0.00
10,500.0	1.37	250.00	10,453.9	-827.8	-250.5	864.2	0.00	0.00	0.00
10,600.0	1.37	250.00	10,553.9	-828.6	-252.7	865.8	0.00	0.00	0.00
10,700.0	1.37	250.00	10,653.9	-829.5	-255.0	867.3	0.00	0.00	0.00
10,800.0	1.37	250.00	10,753.8	-830.3	-257.2	868.8	0.00	0.00	0.00
10,900.0	1.37	250.00	10,853.8	-831.1	-259.5	870.3	0.00	0.00	0.00
11,000.0	1.37	250.00	10,953.8	-831.9	-261.7	871.8	0.00	0.00	0.00
11,100.0	1.37	250.00	11,053.8	-832.7	-264.0	873.3	0.00	0.00	0.00
11,200.0	1.37	250.00	11,153.7	-833.5	-266.2	874.8	0.00	0.00	0.00
Cameo									
11,291.3	1.37	250.00	11,245.0	-834.3	-268.3	876.2	0.00	0.00	0.00
11,300.0	1.37	250.00	11,253.7	-834.4	-268.4	876.3	0.00	0.00	0.00
11,400.0	1.37	250.00	11,353.7	-835.2	-270.7	877.8	0.00	0.00	0.00
11,500.0	1.37	250.00	11,453.6	-836.0	-272.9	879.3	0.00	0.00	0.00
11,600.0	1.37	250.00	11,553.6	-836.8	-275.2	880.8	0.00	0.00	0.00
11,700.0	1.37	250.00	11,653.6	-837.6	-277.4	882.3	0.00	0.00	0.00
Rollins									
11,791.4	1.37	250.00	11,745.0	-838.4	-279.5	883.7	0.00	0.00	0.00
11,800.0	1.37	250.00	11,753.6	-838.4	-279.7	883.8	0.00	0.00	0.00
11,900.0	1.37	250.00	11,853.5	-839.3	-281.9	885.3	0.00	0.00	0.00
12,000.0	1.37	250.00	11,953.5	-840.1	-284.2	886.8	0.00	0.00	0.00
12,100.0	1.37	250.00	12,053.5	-840.9	-286.4	888.3	0.00	0.00	0.00
12,200.0	1.37	250.00	12,153.4	-841.7	-288.7	889.8	0.00	0.00	0.00
TD @ 12291.6' MD / 12245.0' TVD									
12,291.6	1.37	250.00	12,245.0	-842.5	-290.7	891.2	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU M23A FED 15C-23 496 - Slot 15C-23
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 15C-23 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #3		

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 - 15C-23 - plan hits target center - Point	0.00	0.00	8,015.0	-808.3	-196.7	14,422,978.88	2,444,883.03	39.681737	-108.140955
PBHL - 15C-23 - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi)	0.00	0.00	12,245.0	-842.5	-290.7	14,422,941.70	2,444,790.20	39.681643	-108.141289

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,315.5	3,298.0	Wasatch			
5,730.1	5,698.0	Wasatch G			
6,032.0	5,998.0	Fort Union			
8,060.4	8,015.0	Ohio Creek			
8,401.5	8,356.0	Williams Fork			
11,291.3	11,245.0	Cameo			
11,791.4	11,745.0	Rollins			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
275.0	275.0	0.0	0.0	Build 3° / 100'
485.1	484.7	-11.2	-2.7	EOB @ 6.30° Inc. / 193.68° Azm
7,850.2	7,805.3	-797.0	-194.0	Drop 3° / 100'
8,060.4	8,015.0	-808.3	-196.7	EOD @ Vertical / Build 1.5° / 100'
8,151.7	8,106.3	-808.6	-197.8	EOB @ 1.37° Inc. / 250.00° Azm
12,291.6	12,245.0	-842.5	-290.7	TD @ 12291.6' MD / 12245.0' TVD