

Project: Garfield County, CO  
 Site: BJU M23A 496 Pad  
 Well: BJU M23A FED 21B-26 496  
 Wellbore: Wellbore #1  
 Design: Design #3  
 Latitude: 39.683979  
 Longitude: -108.140248  
 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 - 21B-26(0.0N, 0.0E)  
 Measured Depth Reference: RKB @ 8134.0usft (30')  
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3387.0	3510.1	Wasatch
5787.0	6019.0	Wasatch G
6087.0	6332.7	Fort Union
8070.0	8388.6	Ohio Creek
8416.0	8734.7	Williams Fork
11341.0	11680.5	Cameo
11841.0	12160.6	Rollins

SECTION DETAILS

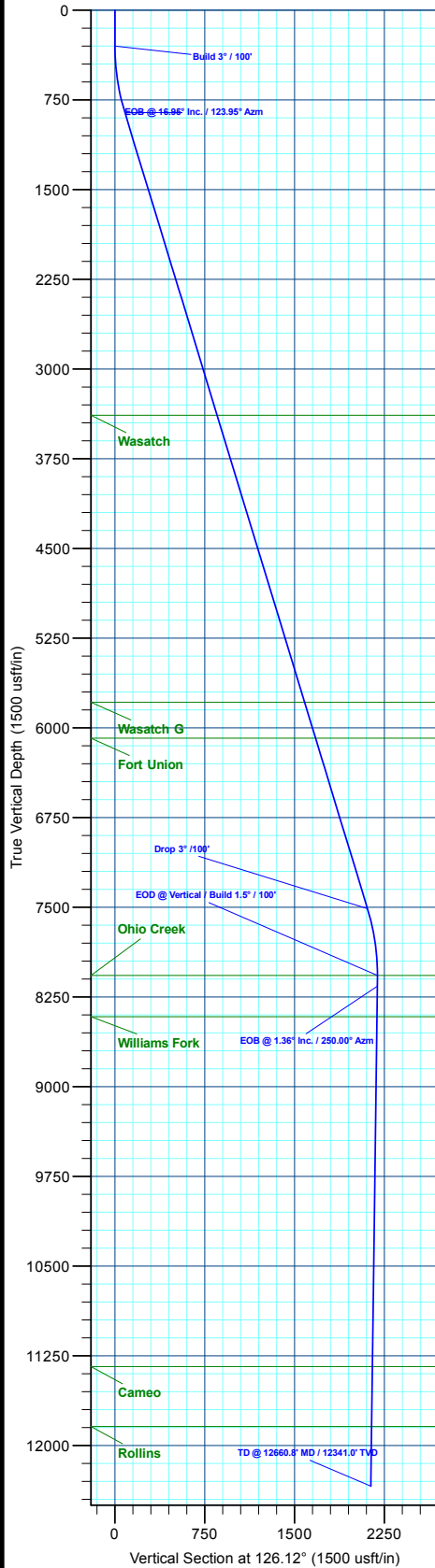
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	Build 3° / 100'
864.9	16.95	123.95	856.7	-46.3	68.8	3.00	123.95	82.9	EOB @ 16.95° Inc. / 123.95° Azm
7823.7	16.95	123.95	7513.3	-1179.3	1751.4	0.00	0.00	2109.9	Drop 3° / 100'
8388.6	0.00	0.00	8070.0	-1225.6	1820.2	3.00	180.00	2192.8	EOD @ Vertical / Build 1.5° / 100'
8479.0	1.36	250.00	8160.4	-1225.9	1819.2	1.50	250.00	2192.2	EOB @ 1.36° Inc. / 250.00° Azm
12660.8	1.36	250.00	12341.0	-1259.8	1726.2	0.00	0.00	2137.0	TD @ 12660.8' MD / 12341.0' TVD

DESIGN TARGET DETAILS

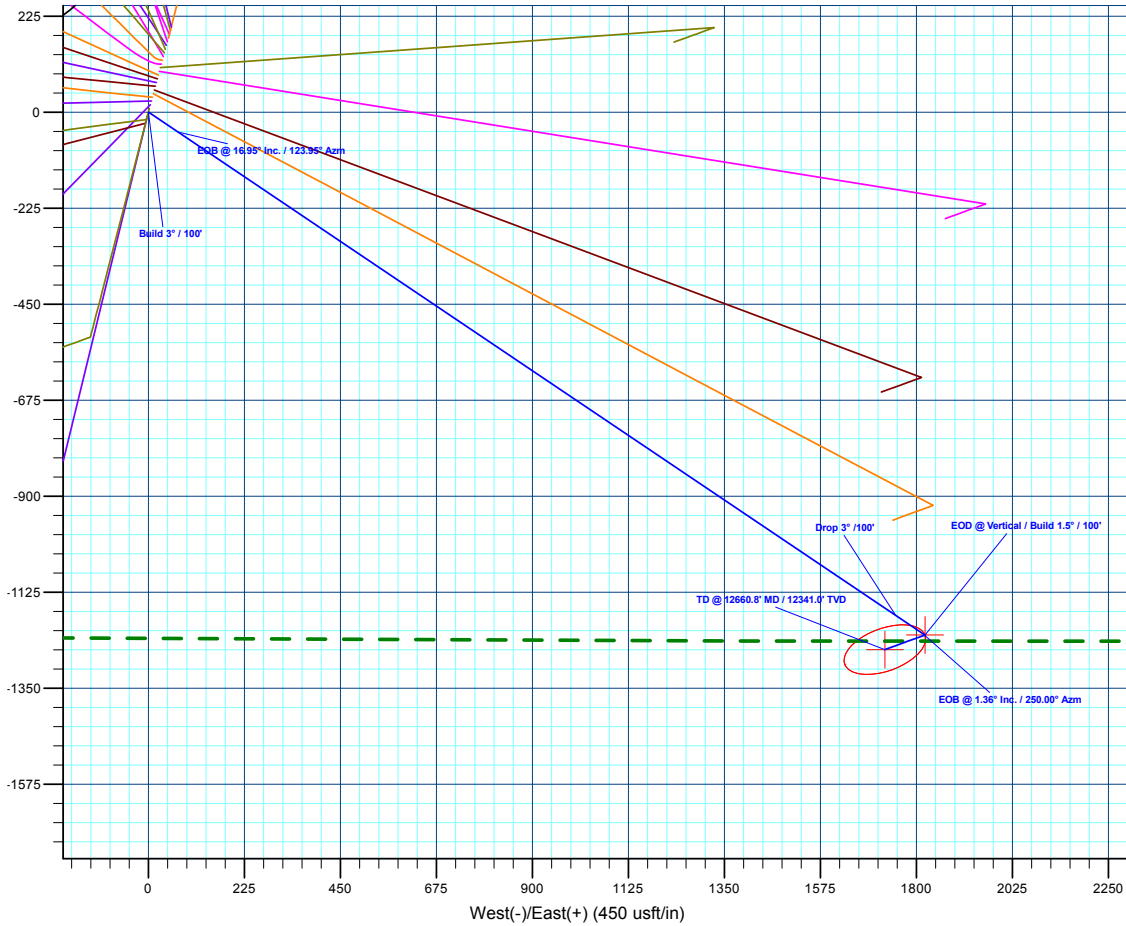
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
OHCR - 21B-26	8070.0	-1225.6	1820.2	14422634.88	2446914.33	39.680615	-108.133783
PBHL - 21B-26	12341.0	-1259.8	1726.2	14422597.70	2446821.50	39.680521	-108.134117

WELL DETAILS: BJU M23A FED 21B-26 496

+N/-S	+E/-W	Ground Level	Northing	Easting	Latitude	Longitude
0.0	0.0	8104.0	14423801.80	2445056.00	39.683979	-108.140248



**T M**  
 Azimuths to True North  
 Magnetic North: 9.43°  
 Magnetic Field  
 Strength: 51187.3nT  
 Dip Angle: 65.82°  
 Date: 6/3/2020  
 Model: HDGM2020



Plan: Design #3 (BJU M23A FED 21B-26 496/Wellbore #1)

Created By: Will Jircik Date: 0:43, January 05 2023



## **Caerus Oil & Gas**

**Garfield County, CO**

**BJU M23A 496 Pad**

**BJU M23A FED 21B-26 496 - Slot 21B-26**

**Wellbore #1**

**Plan: Design #3**

## **KLX Well Planning Report**

**05 January, 2023**



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU M23A FED 21B-26 496 - Slot 21B-26
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8134.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8134.0usft (30')
<b>Site:</b>	BJU M23A 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU M23A FED 21B-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #3		

<b>Project</b>	Garfield County, CO		
<b>Map System:</b>	Universal Transverse Mercator (US Survey Fee	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 - Western US		
<b>Map Zone:</b>	Zone 12N (114 W to 108 W)		

<b>Site</b>	BJU M23A 496 Pad				
<b>Site Position:</b>		<b>Northing:</b>	14,424,028.50 usft	<b>Latitude:</b>	39.684596
<b>From:</b>	Map	<b>Easting:</b>	2,445,109.60 usft	<b>Longitude:</b>	-108.140032
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	1.83 °

<b>Well</b>	BJU M23A FED 21B-26 496 - Slot 21B-26					
<b>Well Position</b>	<b>+N/-S</b>	-224.9 usft	<b>Northing:</b>	14,423,801.80 usft	<b>Latitude:</b>	39.683979
	<b>+E/-W</b>	-60.8 usft	<b>Easting:</b>	2,445,056.00 usft	<b>Longitude:</b>	-108.140248
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	8,104.0 usft

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

<b>Design</b>	Design #3			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	126.12

<b>Plan Sections</b>											
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		
864.9	16.95	123.95	856.7	-46.3	68.8	3.00	3.00	0.00	123.95		
7,823.7	16.95	123.95	7,513.3	-1,179.3	1,751.4	0.00	0.00	0.00	0.00		
8,388.6	0.00	0.00	8,070.0	-1,225.6	1,820.2	3.00	-3.00	0.00	180.00	OHCR - 21B-26	
8,479.0	1.36	250.00	8,160.4	-1,225.9	1,819.2	1.50	1.50	-121.72	250.00		
12,660.8	1.36	250.00	12,341.0	-1,259.8	1,726.2	0.00	0.00	0.00	0.00	PBHL - 21B-26	

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU M23A FED 21B-26 496 - Slot 21B-26
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8134.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8134.0usft (30')
<b>Site:</b>	BJU M23A 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU M23A FED 21B-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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	
<b>Build 3° / 100'</b>										
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	3.00	123.95	400.0	-1.5	2.2	2.6	3.00	3.00	0.00	
500.0	6.00	123.95	499.6	-5.8	8.7	10.5	3.00	3.00	0.00	
600.0	9.00	123.95	598.8	-13.1	19.5	23.5	3.00	3.00	0.00	
700.0	12.00	123.95	697.1	-23.3	34.6	41.7	3.00	3.00	0.00	
800.0	15.00	123.95	794.3	-36.3	54.0	65.0	3.00	3.00	0.00	
<b>EOB @ 16.95° Inc. / 123.95° Azm</b>										
864.9	16.95	123.95	856.7	-46.3	68.8	82.9	3.00	3.00	0.00	
900.0	16.95	123.95	890.3	-52.0	77.3	93.1	0.00	0.00	0.00	
1,000.0	16.95	123.95	985.9	-68.3	101.5	122.2	0.00	0.00	0.00	
1,100.0	16.95	123.95	1,081.6	-84.6	125.6	151.4	0.00	0.00	0.00	
1,200.0	16.95	123.95	1,177.2	-100.9	149.8	180.5	0.00	0.00	0.00	
1,300.0	16.95	123.95	1,272.9	-117.2	174.0	209.6	0.00	0.00	0.00	
1,400.0	16.95	123.95	1,368.6	-133.4	198.2	238.7	0.00	0.00	0.00	
1,500.0	16.95	123.95	1,464.2	-149.7	222.4	267.9	0.00	0.00	0.00	
1,600.0	16.95	123.95	1,559.9	-166.0	246.5	297.0	0.00	0.00	0.00	
1,700.0	16.95	123.95	1,655.5	-182.3	270.7	326.1	0.00	0.00	0.00	
1,800.0	16.95	123.95	1,751.2	-198.6	294.9	355.3	0.00	0.00	0.00	
1,900.0	16.95	123.95	1,846.8	-214.8	319.1	384.4	0.00	0.00	0.00	
2,000.0	16.95	123.95	1,942.5	-231.1	343.3	413.5	0.00	0.00	0.00	
2,100.0	16.95	123.95	2,038.2	-247.4	367.4	442.6	0.00	0.00	0.00	
2,200.0	16.95	123.95	2,133.8	-263.7	391.6	471.8	0.00	0.00	0.00	
2,300.0	16.95	123.95	2,229.5	-280.0	415.8	500.9	0.00	0.00	0.00	
2,400.0	16.95	123.95	2,325.1	-296.2	440.0	530.0	0.00	0.00	0.00	
2,500.0	16.95	123.95	2,420.8	-312.5	464.2	559.2	0.00	0.00	0.00	
2,600.0	16.95	123.95	2,516.4	-328.8	488.3	588.3	0.00	0.00	0.00	
2,700.0	16.95	123.95	2,612.1	-345.1	512.5	617.4	0.00	0.00	0.00	
2,800.0	16.95	123.95	2,707.8	-361.4	536.7	646.5	0.00	0.00	0.00	
2,900.0	16.95	123.95	2,803.4	-377.6	560.9	675.7	0.00	0.00	0.00	
3,000.0	16.95	123.95	2,899.1	-393.9	585.0	704.8	0.00	0.00	0.00	
3,100.0	16.95	123.95	2,994.7	-410.2	609.2	733.9	0.00	0.00	0.00	
3,200.0	16.95	123.95	3,090.4	-426.5	633.4	763.1	0.00	0.00	0.00	
3,300.0	16.95	123.95	3,186.0	-442.8	657.6	792.2	0.00	0.00	0.00	
3,400.0	16.95	123.95	3,281.7	-459.1	681.8	821.3	0.00	0.00	0.00	
3,500.0	16.95	123.95	3,377.4	-475.3	705.9	850.4	0.00	0.00	0.00	
<b>Wasatch</b>										
3,510.1	16.95	123.95	3,387.0	-477.0	708.4	853.4	0.00	0.00	0.00	
3,600.0	16.95	123.95	3,473.0	-491.6	730.1	879.6	0.00	0.00	0.00	
3,700.0	16.95	123.95	3,568.7	-507.9	754.3	908.7	0.00	0.00	0.00	
3,800.0	16.95	123.95	3,664.3	-524.2	778.5	937.8	0.00	0.00	0.00	
3,900.0	16.95	123.95	3,760.0	-540.5	802.7	967.0	0.00	0.00	0.00	
4,000.0	16.95	123.95	3,855.6	-556.7	826.8	996.1	0.00	0.00	0.00	
4,100.0	16.95	123.95	3,951.3	-573.0	851.0	1,025.2	0.00	0.00	0.00	
4,200.0	16.95	123.95	4,047.0	-589.3	875.2	1,054.3	0.00	0.00	0.00	
4,300.0	16.95	123.95	4,142.6	-605.6	899.4	1,083.5	0.00	0.00	0.00	
4,400.0	16.95	123.95	4,238.3	-621.9	923.6	1,112.6	0.00	0.00	0.00	
4,500.0	16.95	123.95	4,333.9	-638.1	947.7	1,141.7	0.00	0.00	0.00	
4,600.0	16.95	123.95	4,429.6	-654.4	971.9	1,170.9	0.00	0.00	0.00	
4,700.0	16.95	123.95	4,525.2	-670.7	996.1	1,200.0	0.00	0.00	0.00	

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU M23A FED 21B-26 496 - Slot 21B-26
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8134.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8134.0usft (30')
<b>Site:</b>	BJU M23A 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU M23A FED 21B-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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)
4,800.0	16.95	123.95	4,620.9	-687.0	1,020.3	1,229.1	0.00	0.00	0.00
4,900.0	16.95	123.95	4,716.6	-703.3	1,044.5	1,258.2	0.00	0.00	0.00
5,000.0	16.95	123.95	4,812.2	-719.5	1,068.6	1,287.4	0.00	0.00	0.00
5,100.0	16.95	123.95	4,907.9	-735.8	1,092.8	1,316.5	0.00	0.00	0.00
5,200.0	16.95	123.95	5,003.5	-752.1	1,117.0	1,345.6	0.00	0.00	0.00
5,300.0	16.95	123.95	5,099.2	-768.4	1,141.2	1,374.8	0.00	0.00	0.00
5,400.0	16.95	123.95	5,194.8	-784.7	1,165.3	1,403.9	0.00	0.00	0.00
5,500.0	16.95	123.95	5,290.5	-800.9	1,189.5	1,433.0	0.00	0.00	0.00
5,600.0	16.95	123.95	5,386.2	-817.2	1,213.7	1,462.1	0.00	0.00	0.00
5,700.0	16.95	123.95	5,481.8	-833.5	1,237.9	1,491.3	0.00	0.00	0.00
5,800.0	16.95	123.95	5,577.5	-849.8	1,262.1	1,520.4	0.00	0.00	0.00
5,900.0	16.95	123.95	5,673.1	-866.1	1,286.2	1,549.5	0.00	0.00	0.00
6,000.0	16.95	123.95	5,768.8	-882.3	1,310.4	1,578.7	0.00	0.00	0.00
<b>Wasatch G</b>									
6,019.0	16.95	123.95	5,787.0	-885.4	1,315.0	1,584.2	0.00	0.00	0.00
6,100.0	16.95	123.95	5,864.5	-898.6	1,334.6	1,607.8	0.00	0.00	0.00
6,200.0	16.95	123.95	5,960.1	-914.9	1,358.8	1,636.9	0.00	0.00	0.00
6,300.0	16.95	123.95	6,055.8	-931.2	1,383.0	1,666.0	0.00	0.00	0.00
<b>Fort Union</b>									
6,332.7	16.95	123.95	6,087.0	-936.5	1,390.9	1,675.6	0.00	0.00	0.00
6,400.0	16.95	123.95	6,151.4	-947.5	1,407.1	1,695.2	0.00	0.00	0.00
6,500.0	16.95	123.95	6,247.1	-963.7	1,431.3	1,724.3	0.00	0.00	0.00
6,600.0	16.95	123.95	6,342.7	-980.0	1,455.5	1,753.4	0.00	0.00	0.00
6,700.0	16.95	123.95	6,438.4	-996.3	1,479.7	1,782.6	0.00	0.00	0.00
6,800.0	16.95	123.95	6,534.1	-1,012.6	1,503.9	1,811.7	0.00	0.00	0.00
6,900.0	16.95	123.95	6,629.7	-1,028.9	1,528.0	1,840.8	0.00	0.00	0.00
7,000.0	16.95	123.95	6,725.4	-1,045.2	1,552.2	1,869.9	0.00	0.00	0.00
7,100.0	16.95	123.95	6,821.0	-1,061.4	1,576.4	1,899.1	0.00	0.00	0.00
7,200.0	16.95	123.95	6,916.7	-1,077.7	1,600.6	1,928.2	0.00	0.00	0.00
7,300.0	16.95	123.95	7,012.3	-1,094.0	1,624.8	1,957.3	0.00	0.00	0.00
7,400.0	16.95	123.95	7,108.0	-1,110.3	1,648.9	1,986.5	0.00	0.00	0.00
7,500.0	16.95	123.95	7,203.7	-1,126.6	1,673.1	2,015.6	0.00	0.00	0.00
7,600.0	16.95	123.95	7,299.3	-1,142.8	1,697.3	2,044.7	0.00	0.00	0.00
7,700.0	16.95	123.95	7,395.0	-1,159.1	1,721.5	2,073.8	0.00	0.00	0.00
7,800.0	16.95	123.95	7,490.6	-1,175.4	1,745.7	2,103.0	0.00	0.00	0.00
<b>Drop 3° /100'</b>									
7,823.7	16.95	123.95	7,513.3	-1,179.3	1,751.4	2,109.9	0.00	0.00	0.00
7,900.0	14.66	123.95	7,586.7	-1,190.9	1,768.6	2,130.6	3.00	-3.00	0.00
8,000.0	11.66	123.95	7,684.1	-1,203.6	1,787.5	2,153.4	3.00	-3.00	0.00
8,100.0	8.66	123.95	7,782.5	-1,213.4	1,802.1	2,171.0	3.00	-3.00	0.00
8,200.0	5.66	123.95	7,881.7	-1,220.4	1,812.5	2,183.5	3.00	-3.00	0.00
8,300.0	2.66	123.95	7,981.4	-1,224.4	1,818.5	2,190.7	3.00	-3.00	0.00
<b>EOD @ Vertical / Build 1.5° / 100' - Ohio Creek</b>									
8,388.6	0.00	0.00	8,070.0	-1,225.6	1,820.2	2,192.8	3.00	-3.00	0.00
8,400.0	0.17	250.00	8,081.4	-1,225.6	1,820.2	2,192.8	1.50	1.50	0.00
<b>EOB @ 1.36° Inc. / 250.00° Azm</b>									
8,479.0	1.36	250.00	8,160.4	-1,225.9	1,819.2	2,192.2	1.50	1.50	0.00
8,500.0	1.36	250.00	8,181.4	-1,226.1	1,818.7	2,191.9	0.00	0.00	0.00
8,600.0	1.36	250.00	8,281.4	-1,226.9	1,816.5	2,190.6	0.00	0.00	0.00
8,700.0	1.36	250.00	8,381.3	-1,227.7	1,814.3	2,189.3	0.00	0.00	0.00
<b>Williams Fork</b>									
8,734.7	1.36	250.00	8,416.0	-1,228.0	1,813.5	2,188.8	0.00	0.00	0.00

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU M23A FED 21B-26 496 - Slot 21B-26
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8134.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8134.0usft (30')
<b>Site:</b>	BJU M23A 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU M23A FED 21B-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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)
8,800.0	1.36	250.00	8,481.3	-1,228.5	1,812.0	2,187.9	0.00	0.00	0.00
8,900.0	1.36	250.00	8,581.3	-1,229.3	1,809.8	2,186.6	0.00	0.00	0.00
9,000.0	1.36	250.00	8,681.2	-1,230.2	1,807.6	2,185.3	0.00	0.00	0.00
9,100.0	1.36	250.00	8,781.2	-1,231.0	1,805.4	2,184.0	0.00	0.00	0.00
9,200.0	1.36	250.00	8,881.2	-1,231.8	1,803.1	2,182.7	0.00	0.00	0.00
9,300.0	1.36	250.00	8,981.2	-1,232.6	1,800.9	2,181.3	0.00	0.00	0.00
9,400.0	1.36	250.00	9,081.1	-1,233.4	1,798.7	2,180.0	0.00	0.00	0.00
9,500.0	1.36	250.00	9,181.1	-1,234.2	1,796.5	2,178.7	0.00	0.00	0.00
9,600.0	1.36	250.00	9,281.1	-1,235.0	1,794.3	2,177.4	0.00	0.00	0.00
9,700.0	1.36	250.00	9,381.0	-1,235.8	1,792.0	2,176.1	0.00	0.00	0.00
9,800.0	1.36	250.00	9,481.0	-1,236.6	1,789.8	2,174.7	0.00	0.00	0.00
9,900.0	1.36	250.00	9,581.0	-1,237.4	1,787.6	2,173.4	0.00	0.00	0.00
10,000.0	1.36	250.00	9,681.0	-1,238.2	1,785.4	2,172.1	0.00	0.00	0.00
10,100.0	1.36	250.00	9,780.9	-1,239.1	1,783.1	2,170.8	0.00	0.00	0.00
10,200.0	1.36	250.00	9,880.9	-1,239.9	1,780.9	2,169.5	0.00	0.00	0.00
10,300.0	1.36	250.00	9,980.9	-1,240.7	1,778.7	2,168.2	0.00	0.00	0.00
10,400.0	1.36	250.00	10,080.8	-1,241.5	1,776.5	2,166.8	0.00	0.00	0.00
10,500.0	1.36	250.00	10,180.8	-1,242.3	1,774.2	2,165.5	0.00	0.00	0.00
10,600.0	1.36	250.00	10,280.8	-1,243.1	1,772.0	2,164.2	0.00	0.00	0.00
10,700.0	1.36	250.00	10,380.8	-1,243.9	1,769.8	2,162.9	0.00	0.00	0.00
10,800.0	1.36	250.00	10,480.7	-1,244.7	1,767.6	2,161.6	0.00	0.00	0.00
10,900.0	1.36	250.00	10,580.7	-1,245.5	1,765.4	2,160.2	0.00	0.00	0.00
11,000.0	1.36	250.00	10,680.7	-1,246.3	1,763.1	2,158.9	0.00	0.00	0.00
11,100.0	1.36	250.00	10,780.7	-1,247.2	1,760.9	2,157.6	0.00	0.00	0.00
11,200.0	1.36	250.00	10,880.6	-1,248.0	1,758.7	2,156.3	0.00	0.00	0.00
11,300.0	1.36	250.00	10,980.6	-1,248.8	1,756.5	2,155.0	0.00	0.00	0.00
11,400.0	1.36	250.00	11,080.6	-1,249.6	1,754.2	2,153.6	0.00	0.00	0.00
11,500.0	1.36	250.00	11,180.5	-1,250.4	1,752.0	2,152.3	0.00	0.00	0.00
11,600.0	1.36	250.00	11,280.5	-1,251.2	1,749.8	2,151.0	0.00	0.00	0.00
<b>Cameo</b>									
11,660.5	1.36	250.00	11,341.0	-1,251.7	1,748.4	2,150.2	0.00	0.00	0.00
11,700.0	1.36	250.00	11,380.5	-1,252.0	1,747.6	2,149.7	0.00	0.00	0.00
11,800.0	1.36	250.00	11,480.5	-1,252.8	1,745.3	2,148.4	0.00	0.00	0.00
11,900.0	1.36	250.00	11,580.4	-1,253.6	1,743.1	2,147.1	0.00	0.00	0.00
12,000.0	1.36	250.00	11,680.4	-1,254.4	1,740.9	2,145.7	0.00	0.00	0.00
12,100.0	1.36	250.00	11,780.4	-1,255.2	1,738.7	2,144.4	0.00	0.00	0.00
<b>Rollins</b>									
12,160.6	1.36	250.00	11,841.0	-1,255.7	1,737.3	2,143.6	0.00	0.00	0.00
12,200.0	1.36	250.00	11,880.3	-1,256.1	1,736.5	2,143.1	0.00	0.00	0.00
12,300.0	1.36	250.00	11,980.3	-1,256.9	1,734.2	2,141.8	0.00	0.00	0.00
12,400.0	1.36	250.00	12,080.3	-1,257.7	1,732.0	2,140.5	0.00	0.00	0.00
12,500.0	1.36	250.00	12,180.3	-1,258.5	1,729.8	2,139.1	0.00	0.00	0.00
12,600.0	1.36	250.00	12,280.2	-1,259.3	1,727.6	2,137.8	0.00	0.00	0.00
<b>TD @ 12660.8' MD / 12341.0' TVD</b>									
12,660.8	1.36	250.00	12,341.0	-1,259.8	1,726.2	2,137.0	0.00	0.00	0.00

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU M23A FED 21B-26 496 - Slot 21B-26
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8134.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8134.0usft (30')
<b>Site:</b>	BJU M23A 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU M23A FED 21B-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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 - 21B-26 - plan hits target center - Point	0.00	0.00	8,070.0	-1,225.6	1,820.2	14,422,634.88	2,446,914.33	39.680615	-108.133784
PBHL - 21B-26 - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi)	0.00	0.00	12,341.0	-1,259.8	1,726.2	14,422,597.70	2,446,821.50	39.680521	-108.134117

**Formations**

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,510.1	3,387.0	Wasatch			
6,019.0	5,787.0	Wasatch G			
6,332.7	6,087.0	Fort Union			
8,388.6	8,070.0	Ohio Creek			
8,734.7	8,416.0	Williams Fork			
11,660.5	11,341.0	Cameo			
12,160.6	11,841.0	Rollins			

**Plan Annotations**

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
300.0	300.0	0.0	0.0	Build 3° / 100'
864.9	856.7	-46.3	68.8	EOB @ 16.95° Inc. / 123.95° Azm
7,823.7	7,513.3	-1,179.3	1,751.4	Drop 3° / 100'
8,388.6	8,070.0	-1,225.6	1,820.2	EOD @ Vertical / Build 1.5° / 100'
8,479.0	8,160.4	-1,225.9	1,819.2	EOB @ 1.36° Inc. / 250.00° Azm
12,660.8	12,341.0	-1,259.8	1,726.2	TD @ 12660.8' MD / 12341.0' TVD