

Project: Garfield County, CO  
 Site: BJU B26 496 Pad  
 Well: BJU B26 FED 24A-26 496  
 Wellbore: Wellbore #1  
 Design: Design #1  
 Latitude: 39.677297  
 Longitude: -108.137745  
 Ground Level: 8211.0  
 RKB @ 8241.0usft (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 @ 8241.0usft (30')  
 Section (VS) Reference: Slot - BJU B26 FED 24A-26 496(0.0N, 0.0E)  
 Measured Depth Reference: RKB @ 8241.0usft (30')  
 Calculation Method: Minimum Curvature

## 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	
225.0	0.00	0.00	225.0	0.0	0.0	0.00	0.00	0.0	Build 3°/100'
958.5	22.01	134.30	940.6	-97.2	99.6	3.00	134.30	139.1	EOB @ 22.01° INC / 134.30° AZM
7939.9	22.01	134.30	7413.4	-1924.2	1971.7	0.00	0.00	2753.7	Drop 3°/100'
8673.4	0.00	0.00	8129.0	-2021.4	2071.3	3.00	180.00	2892.8	EOD @ Vertical / Build 1.5° / 100'
8773.3	1.50	250.00	8228.8	-2021.9	2070.1	1.50	250.00	2892.2	EOB @ 1.50° INC / 250.00° AZM
12549.7	1.50	250.00	12004.0	-2055.6	1977.3	0.00	0.00	2852.3	TD @ 12549.7' MD / 12004.0' TVD

## FORMATION TOP DETAILS

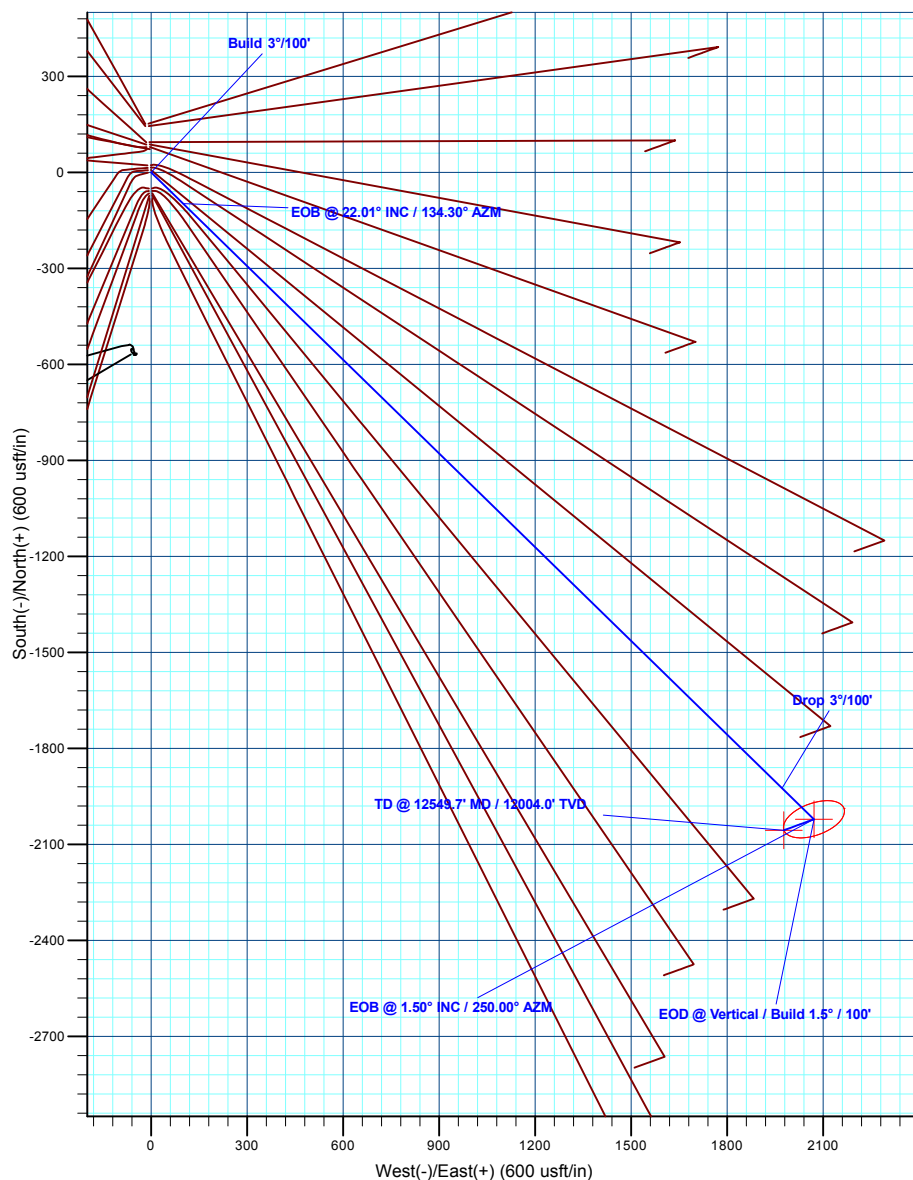
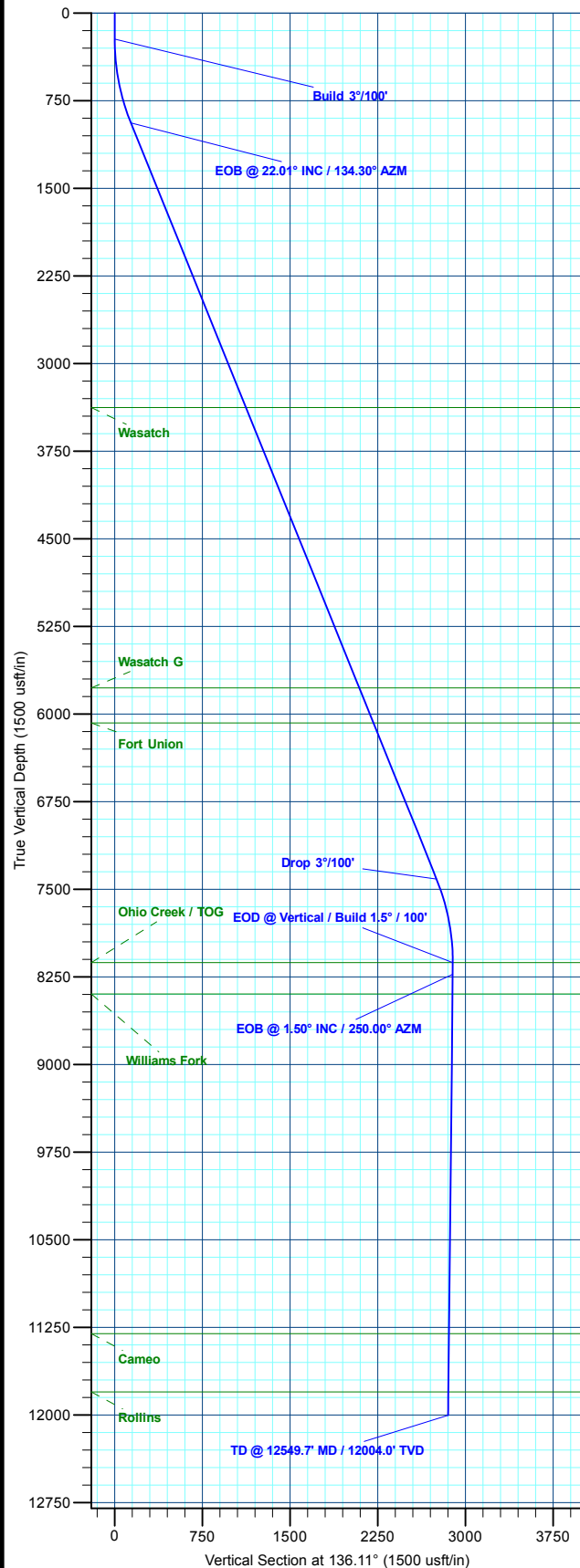
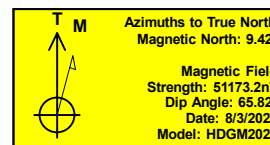
TVDPath	MDPath	Formation
3377.0	3586.3	Wasatch
5777.0	6174.9	Wasatch G
6077.0	6498.5	Fort Union
8129.0	8673.4	Ohio Creek / TOG
8398.0	8942.5	Williams Fork
11304.0	11849.5	Cameo
11804.0	12349.7	Rollins

## DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
24A-26 - OHCR	8129.0	-2021.4	2071.3	14419436.59	2447972.83	39.671749	-108.130389
24A-26 - PBHL	12004.0	-2055.6	1977.3	14419399.40	2447880.00	39.671655	-108.130723

## WELL DETAILS: BJU B26 FED 24A-26 496

+N/-S	+E/-W	Ground Level : 8211.0	Northing	Easting	Latitude	Longitude
0.0	0.0		14421390.90	2445838.10	39.677297	-108.137745



Plan: Design #1 (BJU B26 FED 24A-26 496/Wellbore #1)

Created By: Will Jircik

Date: 11:50, August 06 2020



## **Caerus Oil & Gas**

**Garfield County, CO**

**BJU B26 496 Pad**

**BJU B26 FED 24A-26 496 - Slot BJU B26 FED 24A-26 496**

**Wellbore #1**

**Plan: Design #1**

## **QES Well Planning Report**

**06 August, 2020**



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 24A-26 496 - Slot BJU B26 FED 24A-26 496
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8241.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8241.0usft (30')
<b>Site:</b>	BJU B26 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU B26 FED 24A-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

<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)		

Site		BJU B26 496 Pad				
Site Position:		Northing:	14,421,469.70 usft	Latitude:	39.677515	
From:	Map	Easting:	2,445,821.30 usft	Longitude:	-108.137796	
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.83 °

Well	BJU B26 FED 24A-26 496 - Slot BJU B26 FED 24A-26 496					
Well Position	+N/-S	-79.3 usft	Northing:	14,421,390.90 usft	Latitude:	39.677297
	+E/-W	14.3 usft	Easting:	2,445,838.10 usft	Longitude:	-108.137745
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	8,211.0 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	8/3/2020	9.42	65.82	51,173.20000000

<b>Design</b>	Design #1				
<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	136.11	

<b>Plan Sections</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	<b>TFO (°)</b>	<b>Target</b>
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
225.0	0.00	0.00	225.0	0.0	0.0	0.00	0.00	0.00	0.00	
958.5	22.01	134.30	940.6	-97.2	99.6	3.00	3.00	0.00	134.30	
7,939.9	22.01	134.30	7,413.4	-1,924.2	1,971.7	0.00	0.00	0.00	0.00	
8,673.4	0.00	0.00	8,129.0	-2,021.4	2,071.3	3.00	-3.00	0.00	180.00	24A-26 - OHCR
8,773.3	1.50	250.00	8,228.8	-2,021.9	2,070.1	1.50	1.50	-110.18	250.00	
12,549.7	1.50	250.00	12,004.0	-2,055.6	1,977.3	0.00	0.00	0.00	0.00	24A-26 - PBHL

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 24A-26 496 - Slot BJU B26 FED 24A-26 496
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8241.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8241.0usft (30')
<b>Site:</b>	BJU B26 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU B26 FED 24A-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

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>									
225.0	0.00	0.00	225.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	2.25	134.30	300.0	-1.0	1.1	1.5	3.00	3.00	0.00
400.0	5.25	134.30	399.8	-5.6	5.7	8.0	3.00	3.00	0.00
500.0	8.25	134.30	499.1	-13.8	14.1	19.8	3.00	3.00	0.00
600.0	11.25	134.30	597.6	-25.6	26.3	36.7	3.00	3.00	0.00
700.0	14.25	134.30	695.1	-41.0	42.1	58.7	3.00	3.00	0.00
800.0	17.25	134.30	791.4	-60.0	61.5	85.9	3.00	3.00	0.00
900.0	20.25	134.30	886.0	-82.4	84.5	118.0	3.00	3.00	0.00
<b>EOB @ 22.01° INC / 134.30° AZM</b>									
958.5	22.01	134.30	940.6	-97.2	99.6	139.1	3.00	3.00	0.00
1,000.0	22.01	134.30	979.1	-108.0	110.7	154.6	0.00	0.00	0.00
1,100.0	22.01	134.30	1,071.8	-134.2	137.5	192.1	0.00	0.00	0.00
1,200.0	22.01	134.30	1,164.5	-160.4	164.3	229.5	0.00	0.00	0.00
1,300.0	22.01	134.30	1,257.2	-186.5	191.1	267.0	0.00	0.00	0.00
1,400.0	22.01	134.30	1,349.9	-212.7	218.0	304.4	0.00	0.00	0.00
1,500.0	22.01	134.30	1,442.7	-238.9	244.8	341.9	0.00	0.00	0.00
1,600.0	22.01	134.30	1,535.4	-265.1	271.6	379.3	0.00	0.00	0.00
1,700.0	22.01	134.30	1,628.1	-291.2	298.4	416.8	0.00	0.00	0.00
1,800.0	22.01	134.30	1,720.8	-317.4	325.2	454.2	0.00	0.00	0.00
1,900.0	22.01	134.30	1,813.5	-343.6	352.0	491.7	0.00	0.00	0.00
2,000.0	22.01	134.30	1,906.2	-369.7	378.9	529.1	0.00	0.00	0.00
2,100.0	22.01	134.30	1,998.9	-395.9	405.7	566.6	0.00	0.00	0.00
2,200.0	22.01	134.30	2,091.7	-422.1	432.5	604.0	0.00	0.00	0.00
2,300.0	22.01	134.30	2,184.4	-448.3	459.3	641.5	0.00	0.00	0.00
2,400.0	22.01	134.30	2,277.1	-474.4	486.1	678.9	0.00	0.00	0.00
2,500.0	22.01	134.30	2,369.8	-500.6	512.9	716.4	0.00	0.00	0.00
2,600.0	22.01	134.30	2,462.5	-526.8	539.8	753.8	0.00	0.00	0.00
2,700.0	22.01	134.30	2,555.2	-552.9	566.6	791.3	0.00	0.00	0.00
2,800.0	22.01	134.30	2,647.9	-579.1	593.4	828.7	0.00	0.00	0.00
2,900.0	22.01	134.30	2,740.7	-605.3	620.2	866.2	0.00	0.00	0.00
3,000.0	22.01	134.30	2,833.4	-631.4	647.0	903.6	0.00	0.00	0.00
3,100.0	22.01	134.30	2,926.1	-657.6	673.8	941.1	0.00	0.00	0.00
3,200.0	22.01	134.30	3,018.8	-683.8	700.7	978.5	0.00	0.00	0.00
3,300.0	22.01	134.30	3,111.5	-710.0	727.5	1,016.0	0.00	0.00	0.00
3,400.0	22.01	134.30	3,204.2	-736.1	754.3	1,053.4	0.00	0.00	0.00
3,500.0	22.01	134.30	3,296.9	-762.3	781.1	1,090.9	0.00	0.00	0.00
<b>Wasatch</b>									
3,586.3	22.01	134.30	3,377.0	-784.9	804.3	1,123.2	0.00	0.00	0.00
3,600.0	22.01	134.30	3,389.7	-788.5	807.9	1,128.3	0.00	0.00	0.00
3,700.0	22.01	134.30	3,482.4	-814.6	834.7	1,165.8	0.00	0.00	0.00
3,800.0	22.01	134.30	3,575.1	-840.8	861.5	1,203.2	0.00	0.00	0.00
3,900.0	22.01	134.30	3,667.8	-867.0	888.4	1,240.7	0.00	0.00	0.00
4,000.0	22.01	134.30	3,760.5	-893.2	915.2	1,278.1	0.00	0.00	0.00
4,100.0	22.01	134.30	3,853.2	-919.3	942.0	1,315.6	0.00	0.00	0.00
4,200.0	22.01	134.30	3,945.9	-945.5	968.8	1,353.0	0.00	0.00	0.00
4,300.0	22.01	134.30	4,038.7	-971.7	995.6	1,390.5	0.00	0.00	0.00
4,400.0	22.01	134.30	4,131.4	-997.8	1,022.4	1,427.9	0.00	0.00	0.00
4,500.0	22.01	134.30	4,224.1	-1,024.0	1,049.3	1,465.4	0.00	0.00	0.00
4,600.0	22.01	134.30	4,316.8	-1,050.2	1,076.1	1,502.9	0.00	0.00	0.00

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<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8241.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8241.0usft (30')
<b>Site:</b>	BJU B26 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU B26 FED 24A-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

**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	22.01	134.30	4,409.5	-1,076.3	1,102.9	1,540.3	0.00	0.00	0.00
4,800.0	22.01	134.30	4,502.2	-1,102.5	1,129.7	1,577.8	0.00	0.00	0.00
4,900.0	22.01	134.30	4,594.9	-1,128.7	1,156.5	1,615.2	0.00	0.00	0.00
5,000.0	22.01	134.30	4,687.7	-1,154.9	1,183.3	1,652.7	0.00	0.00	0.00
5,100.0	22.01	134.30	4,780.4	-1,181.0	1,210.2	1,690.1	0.00	0.00	0.00
5,200.0	22.01	134.30	4,873.1	-1,207.2	1,237.0	1,727.6	0.00	0.00	0.00
5,300.0	22.01	134.30	4,965.8	-1,233.4	1,263.8	1,765.0	0.00	0.00	0.00
5,400.0	22.01	134.30	5,058.5	-1,259.5	1,290.6	1,802.5	0.00	0.00	0.00
5,500.0	22.01	134.30	5,151.2	-1,285.7	1,317.4	1,839.9	0.00	0.00	0.00
5,600.0	22.01	134.30	5,243.9	-1,311.9	1,344.2	1,877.4	0.00	0.00	0.00
5,700.0	22.01	134.30	5,336.7	-1,338.1	1,371.1	1,914.8	0.00	0.00	0.00
5,800.0	22.01	134.30	5,429.4	-1,364.2	1,397.9	1,952.3	0.00	0.00	0.00
5,900.0	22.01	134.30	5,522.1	-1,390.4	1,424.7	1,989.7	0.00	0.00	0.00
6,000.0	22.01	134.30	5,614.8	-1,416.6	1,451.5	2,027.2	0.00	0.00	0.00
6,100.0	22.01	134.30	5,707.5	-1,442.7	1,478.3	2,064.6	0.00	0.00	0.00
<b>Wasatch G</b>									
6,174.9	22.01	134.30	5,777.0	-1,462.3	1,498.4	2,092.7	0.00	0.00	0.00
6,200.0	22.01	134.30	5,800.2	-1,468.9	1,505.1	2,102.1	0.00	0.00	0.00
6,300.0	22.01	134.30	5,893.0	-1,495.1	1,532.0	2,139.5	0.00	0.00	0.00
6,400.0	22.01	134.30	5,985.7	-1,521.2	1,558.8	2,177.0	0.00	0.00	0.00
<b>Fort Union</b>									
6,498.5	22.01	134.30	6,077.0	-1,547.0	1,585.2	2,213.9	0.00	0.00	0.00
6,500.0	22.01	134.30	6,078.4	-1,547.4	1,585.6	2,214.4	0.00	0.00	0.00
6,600.0	22.01	134.30	6,171.1	-1,573.6	1,612.4	2,251.9	0.00	0.00	0.00
6,700.0	22.01	134.30	6,263.8	-1,599.8	1,639.2	2,289.3	0.00	0.00	0.00
6,800.0	22.01	134.30	6,356.5	-1,625.9	1,666.0	2,326.8	0.00	0.00	0.00
6,900.0	22.01	134.30	6,449.2	-1,652.1	1,692.8	2,364.2	0.00	0.00	0.00
7,000.0	22.01	134.30	6,542.0	-1,678.3	1,719.7	2,401.7	0.00	0.00	0.00
7,100.0	22.01	134.30	6,634.7	-1,704.4	1,746.5	2,439.1	0.00	0.00	0.00
7,200.0	22.01	134.30	6,727.4	-1,730.6	1,773.3	2,476.6	0.00	0.00	0.00
7,300.0	22.01	134.30	6,820.1	-1,756.8	1,800.1	2,514.0	0.00	0.00	0.00
7,400.0	22.01	134.30	6,912.8	-1,783.0	1,826.9	2,551.5	0.00	0.00	0.00
7,500.0	22.01	134.30	7,005.5	-1,809.1	1,853.7	2,588.9	0.00	0.00	0.00
7,600.0	22.01	134.30	7,098.2	-1,835.3	1,880.6	2,626.4	0.00	0.00	0.00
7,700.0	22.01	134.30	7,191.0	-1,861.5	1,907.4	2,663.8	0.00	0.00	0.00
7,800.0	22.01	134.30	7,283.7	-1,887.6	1,934.2	2,701.3	0.00	0.00	0.00
7,900.0	22.01	134.30	7,376.4	-1,913.8	1,961.0	2,738.7	0.00	0.00	0.00
<b>Drop 3°/100'</b>									
7,939.9	22.01	134.30	7,413.4	-1,924.2	1,971.7	2,753.7	0.00	0.00	0.00
8,000.0	20.20	134.30	7,469.4	-1,939.4	1,987.2	2,775.3	3.00	-3.00	0.00
8,100.0	17.20	134.30	7,564.2	-1,961.8	2,010.1	2,807.4	3.00	-3.00	0.00
8,200.0	14.20	134.30	7,660.4	-1,980.7	2,029.5	2,834.4	3.00	-3.00	0.00
8,300.0	11.20	134.30	7,758.0	-1,996.0	2,045.2	2,856.4	3.00	-3.00	0.00
8,400.0	8.20	134.30	7,856.5	-2,007.8	2,057.3	2,873.2	3.00	-3.00	0.00
8,500.0	5.20	134.30	7,955.8	-2,015.9	2,065.7	2,884.9	3.00	-3.00	0.00
8,600.0	2.20	134.30	8,055.6	-2,020.4	2,070.3	2,891.3	3.00	-3.00	0.00
<b>EOD @ Vertical / Build 1.5° / 100' - Ohio Creek / TOG</b>									
8,673.4	0.00	0.00	8,129.0	-2,021.4	2,071.3	2,892.8	3.00	-3.00	-182.92
8,700.0	0.40	250.00	8,155.6	-2,021.5	2,071.2	2,892.7	1.50	1.50	-413.90
<b>EOB @ 1.50° INC / 250.00° AZM</b>									
8,773.3	1.50	250.00	8,228.8	-2,021.9	2,070.1	2,892.2	1.50	1.50	0.00
8,800.0	1.50	250.00	8,255.6	-2,022.1	2,069.4	2,891.9	0.00	0.00	0.00

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 24A-26 496 - Slot BJU B26 FED 24A-26 496
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8241.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8241.0usft (30')
<b>Site:</b>	BJU B26 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU B26 FED 24A-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

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	1.50	250.00	8,355.5	-2,023.0	2,066.9	2,890.9	0.00	0.00	0.00
<b>Williams Fork</b>									
8,942.5	1.50	250.00	8,398.0	-2,023.4	2,065.9	2,890.4	0.00	0.00	0.00
9,000.0	1.50	250.00	8,455.5	-2,023.9	2,064.5	2,889.8	0.00	0.00	0.00
9,100.0	1.50	250.00	8,555.5	-2,024.8	2,062.0	2,888.8	0.00	0.00	0.00
9,200.0	1.50	250.00	8,655.4	-2,025.7	2,059.6	2,887.7	0.00	0.00	0.00
9,300.0	1.50	250.00	8,755.4	-2,026.6	2,057.1	2,886.7	0.00	0.00	0.00
9,400.0	1.50	250.00	8,855.4	-2,027.5	2,054.7	2,885.6	0.00	0.00	0.00
9,500.0	1.50	250.00	8,955.3	-2,028.4	2,052.2	2,884.5	0.00	0.00	0.00
9,600.0	1.50	250.00	9,055.3	-2,029.3	2,049.8	2,883.5	0.00	0.00	0.00
9,700.0	1.50	250.00	9,155.2	-2,030.2	2,047.3	2,882.4	0.00	0.00	0.00
9,800.0	1.50	250.00	9,255.2	-2,031.1	2,044.8	2,881.4	0.00	0.00	0.00
9,900.0	1.50	250.00	9,355.2	-2,031.9	2,042.4	2,880.3	0.00	0.00	0.00
10,000.0	1.50	250.00	9,455.1	-2,032.8	2,039.9	2,879.2	0.00	0.00	0.00
10,100.0	1.50	250.00	9,555.1	-2,033.7	2,037.5	2,878.2	0.00	0.00	0.00
10,200.0	1.50	250.00	9,655.1	-2,034.6	2,035.0	2,877.1	0.00	0.00	0.00
10,300.0	1.50	250.00	9,755.0	-2,035.5	2,032.6	2,876.1	0.00	0.00	0.00
10,400.0	1.50	250.00	9,855.0	-2,036.4	2,030.1	2,875.0	0.00	0.00	0.00
10,500.0	1.50	250.00	9,955.0	-2,037.3	2,027.7	2,874.0	0.00	0.00	0.00
10,600.0	1.50	250.00	10,054.9	-2,038.2	2,025.2	2,872.9	0.00	0.00	0.00
10,700.0	1.50	250.00	10,154.9	-2,039.1	2,022.7	2,871.8	0.00	0.00	0.00
10,800.0	1.50	250.00	10,254.9	-2,040.0	2,020.3	2,870.8	0.00	0.00	0.00
10,900.0	1.50	250.00	10,354.8	-2,040.9	2,017.8	2,869.7	0.00	0.00	0.00
11,000.0	1.50	250.00	10,454.8	-2,041.8	2,015.4	2,868.7	0.00	0.00	0.00
11,100.0	1.50	250.00	10,554.8	-2,042.7	2,012.9	2,867.6	0.00	0.00	0.00
11,200.0	1.50	250.00	10,654.7	-2,043.6	2,010.5	2,866.5	0.00	0.00	0.00
11,300.0	1.50	250.00	10,754.7	-2,044.5	2,008.0	2,865.5	0.00	0.00	0.00
11,400.0	1.50	250.00	10,854.7	-2,045.4	2,005.6	2,864.4	0.00	0.00	0.00
11,500.0	1.50	250.00	10,954.6	-2,046.3	2,003.1	2,863.4	0.00	0.00	0.00
11,600.0	1.50	250.00	11,054.6	-2,047.1	2,000.6	2,862.3	0.00	0.00	0.00
11,700.0	1.50	250.00	11,154.6	-2,048.0	1,998.2	2,861.3	0.00	0.00	0.00
11,800.0	1.50	250.00	11,254.5	-2,048.9	1,995.7	2,860.2	0.00	0.00	0.00
<b>Cameo</b>									
11,849.5	1.50	250.00	11,304.0	-2,049.4	1,994.5	2,859.7	0.00	0.00	0.00
11,900.0	1.50	250.00	11,354.5	-2,049.8	1,993.3	2,859.1	0.00	0.00	0.00
12,000.0	1.50	250.00	11,454.5	-2,050.7	1,990.8	2,858.1	0.00	0.00	0.00
12,100.0	1.50	250.00	11,554.4	-2,051.6	1,988.4	2,857.0	0.00	0.00	0.00
12,200.0	1.50	250.00	11,654.4	-2,052.5	1,985.9	2,856.0	0.00	0.00	0.00
12,300.0	1.50	250.00	11,754.4	-2,053.4	1,983.4	2,854.9	0.00	0.00	0.00
<b>Rollins</b>									
12,349.7	1.50	250.00	11,804.0	-2,053.8	1,982.2	2,854.4	0.00	0.00	0.00
12,400.0	1.50	250.00	11,854.3	-2,054.3	1,981.0	2,853.9	0.00	0.00	0.00
12,500.0	1.50	250.00	11,954.3	-2,055.2	1,978.5	2,852.8	0.00	0.00	0.00
<b>TD @ 12549.7' MD / 12004.0' TVD</b>									
12,549.7	1.50	250.00	12,004.0	-2,055.6	1,977.3	2,852.3	0.00	0.00	0.00

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 24A-26 496 - Slot BJU B26 FED 24A-26 496
<b>Company:</b>	Caerus Oil & Gas	<b>TVD Reference:</b>	RKB @ 8241.0usft (30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	RKB @ 8241.0usft (30')
<b>Site:</b>	BJU B26 496 Pad	<b>North Reference:</b>	True
<b>Well:</b>	BJU B26 FED 24A-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

### Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
24A-26 - OHCR	0.00	0.00	8,129.0	-2,021.4	2,071.3	14,419,436.59	2,447,972.83	39.671749	-108.130390
- plan hits target center									
- Ellipse (radii L100.0 W50.0 on 250.00 azi)									
24A-26 - PBHL	0.00	0.00	12,004.0	-2,055.6	1,977.3	14,419,399.40	2,447,880.00	39.671656	-108.130723
- plan hits target center									
- Point									

### Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,586.3	3,377.0	Wasatch			
6,174.9	5,777.0	Wasatch G			
6,498.5	6,077.0	Fort Union			
8,673.4	8,129.0	Ohio Creek / TOG			
8,942.5	8,398.0	Williams Fork			
11,849.5	11,304.0	Cameo			
12,349.7	11,804.0	Rollins			

### Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
225.0	225.0	0.0	0.0	Build 3°/100'
958.5	940.6	-97.2	99.6	EOB @ 22.01° INC / 134.30° AZM
7,939.9	7,413.4	-1,924.2	1,971.7	Drop 3°/100'
8,673.4	8,129.0	-2,021.4	2,071.3	EOD @ Vertical / Build 1.5° / 100'
8,773.3	8,228.8	-2,021.9	2,070.1	EOB @ 1.50° INC / 250.00° AZM
12,549.7	12,004.0	-2,055.6	1,977.3	TD @ 12549.7' MD / 12004.0' TVD