

Project: Garfield County, CO  
Site: BJU B26 496 Pad  
Well: BJU B26 FED 15B-26 496  
Wellbore: ST01  
Design: ST01 Design #1  
Latitude: 39.677076  
Longitude: -108.137765  
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 - 15B-26(0.0N, 0.0E)  
Measured Depth Reference: RKB @ 8241.0usft (30')  
Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3290.0	3467.1	Wasatch
5690.0	6044.4	Wasatch G
5737.0	6094.2	Top Injection Zone
5990.0	6382.2	Fort Union
6180.0	6563.4	Top Influx Sand
6271.0	6659.8	Bot Influx Sand
7771.0	8239.3	Bot Injection Zone
8059.0	8528.4	Ohio Creek / TOG
8285.0	8754.5	Williams Fork
11116.0	11586.5	Cameo
11616.0	12086.7	Rollins

SECTION DETAILS

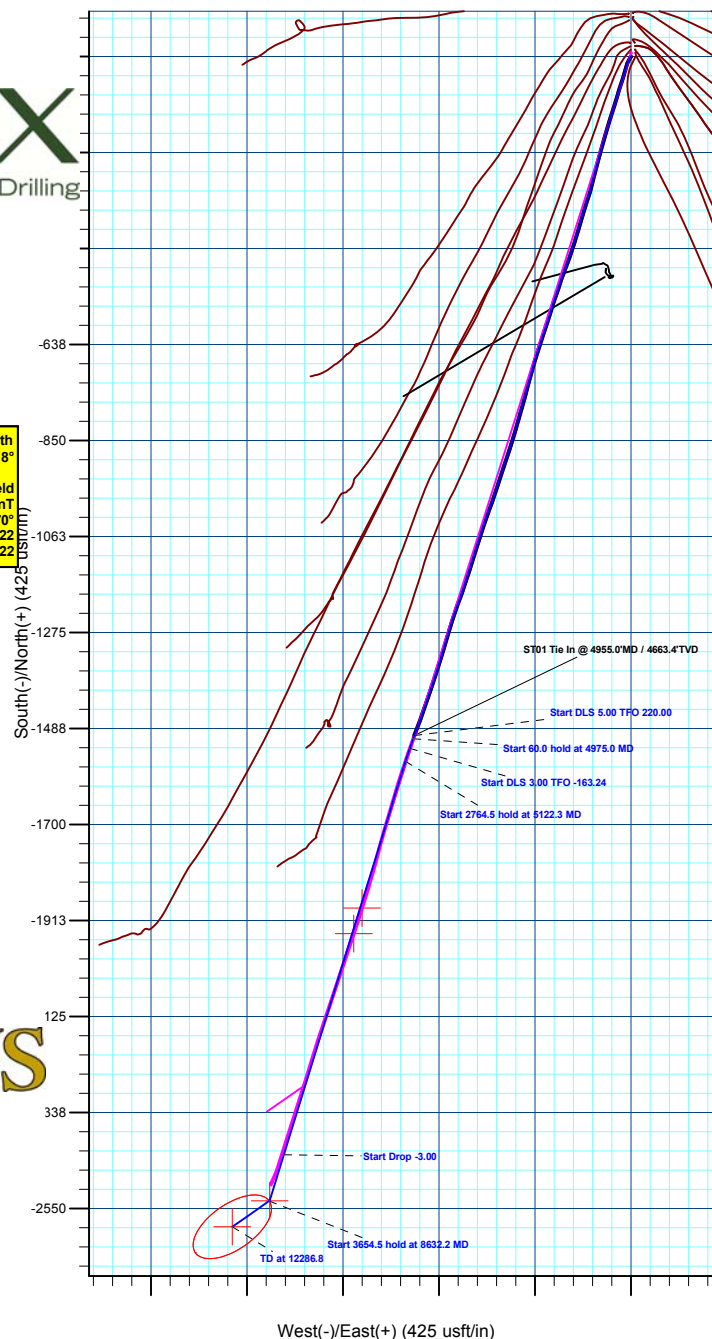
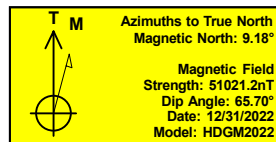
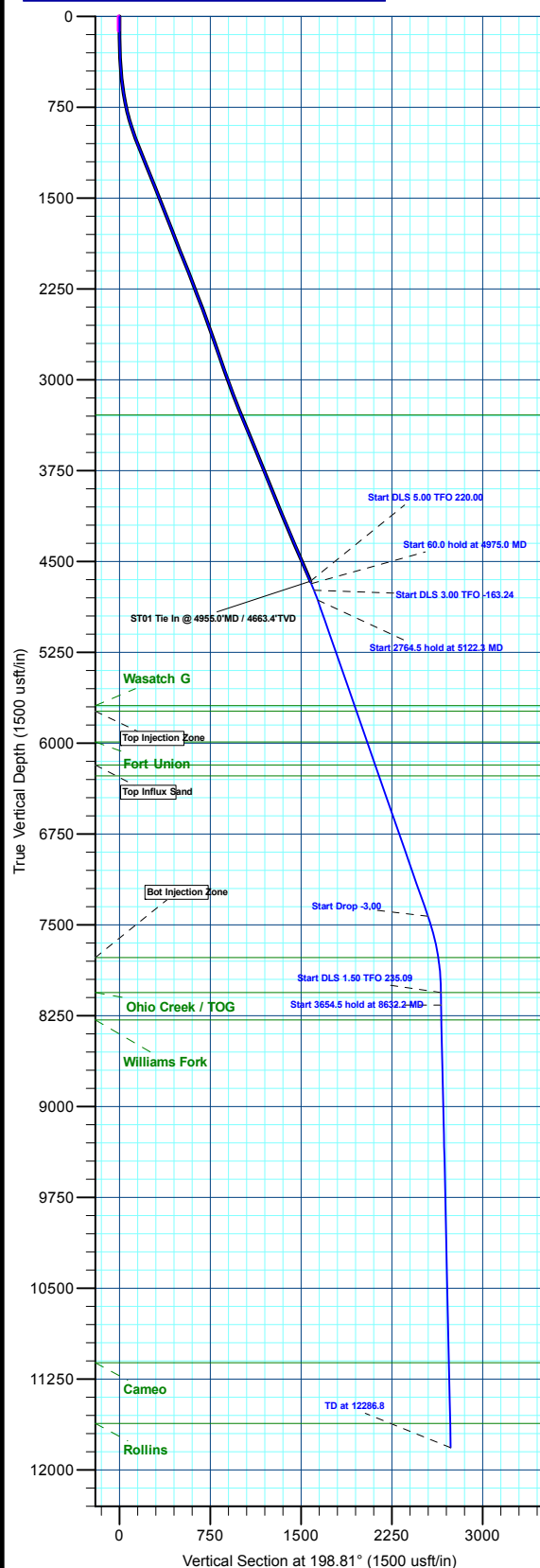
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
4955.0	22.50	201.20	4663.4	-1503.2	-479.7	0.00	0.00	1577.6	Start DLS 5.00 TFO 220.00
4975.0	21.74	199.46	4681.9	-1510.3	-482.3	5.00	220.00	1585.2	Start 60.0 hold at 4975.0 MD
5035.0	21.74	199.46	4737.7	-1531.3	-489.7	0.00	0.00	1607.4	Start DLS 3.00 TFO -163.24
5122.3	19.25	197.17	4819.5	-1560.3	-499.4	3.00	-163.24	1638.0	Start 2764.5 hold at 5122.3 MD
7886.8	19.25	197.17	7429.4	-2431.0	-768.5	0.00	0.00	2548.9	Start Drop -3.00
8528.4	0.00	0.00	8059.0	-2533.0	-800.0	3.00	180.00	2655.7	Start DLS 1.50 TFO 235.09
8632.2	1.56	235.09	8162.8	-2533.8	-801.2	1.50	235.09	2656.8	Start 3654.5 hold at 8632.2 MD
12286.8	1.56	235.09	11816.0	-2590.7	-882.6	0.00	0.00	2736.9	TD at 12286.8

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
TOF - 15B-26	5594.4	-1885.0	-595.4	14419407.30	2445300.06	39.671903	-108.139679
BOF - 15B-26	5732.1	-1941.7	-613.8	14419350.02	2445283.47	39.671748	-108.139944
15B-26 - OHCR	8059.0	-2533.0	-800.0	14418753.06	2445116.23	39.670125	-108.140606
15B-26 - PBHL	11816.0	-2590.7	-882.6	14418692.80	2445035.50	39.669966	-108.140899

WELL DETAILS: BJU B26 FED 15B-26 496

+N/-S	+E/-W	Ground Level : 8211.0 Northing	Easting	Latitude	Longitude	15B-26
0.0	0.0	14421310.30	2445835.00	39.677076	-108.137765	



Plan: ST01 Design #1 (BJU B26 FED 15B-26 496/ST01)

Created By: Will Jircik

Date: 23:50, March 26 2023



## **Caerus Oil & Gas**

**Garfield County, CO**

**BJU B26 496 Pad**

**BJU B26 FED 15B-26 496 - Slot 15B-26**

**ST01**

**Plan: ST01 Design #1**

## **KLX Well Planning Report**

**26 March, 2023**



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 15B-26 496 - Slot 15B-26
<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 15B-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	ST01 Design #1		

<b>Project</b>	Garfield County, CO		
<b>Map System:</b>	Universal Transverse Mercator (US Survey Feet)	<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 B26 496 Pad			
<b>Site Position:</b>		<b>Northing:</b>	14,421,469.70 usft	<b>Latitude:</b> 39.677515
<b>From:</b> Map		<b>Easting:</b>	2,445,821.30 usft	<b>Longitude:</b> -108.137796
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b> 1.83 °

Well						BJU B26 FED 15B-26 496 - Slot 15B-26					
Well Position	+N/-S		-159.8 usft		Northing:	14,421,310.30 usft		Latitude:	39.677076		
	+E/-W		8.6 usft		Easting:	2,445,835.00 usft		Longitude:	-108.137765		
Position Uncertainty			0.0 usft		Wellhead Elevation:			Ground Level:	8,211.0 usft		

<b>Wellbore</b>	ST01				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	HDGM2022	12/31/2022	9.18	65.70	51,021.20000000

<b>Design</b>	ST01 Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	4,955.0
<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	198.81

<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
4,955.0	22.50	201.20	4,663.4	-1,503.2	-479.7	0.00	0.00	0.00	0.00	
4,975.0	21.74	199.46	4,681.9	-1,510.3	-482.3	5.00	-3.79	-8.68	220.00	
5,035.0	21.74	199.46	4,737.7	-1,531.3	-489.7	0.00	0.00	0.00	0.00	
5,122.3	19.25	197.17	4,819.5	-1,560.3	-499.4	3.00	-2.86	-2.62	-163.24	
7,886.8	19.25	197.17	7,429.4	-2,431.0	-768.5	0.00	0.00	0.00	0.00	
8,528.4	0.00	0.00	8,059.0	-2,533.0	-800.0	3.00	-3.00	0.00	180.00	15B-26 - OHCR
8,632.2	1.56	235.09	8,162.8	-2,533.8	-801.2	1.50	1.50	-120.30	235.09	
12,286.8	1.56	235.09	11,816.0	-2,590.7	-882.6	0.00	0.00	0.00	0.00	15B-26 - PBHL

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 15B-26 496 - Slot 15B-26
<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 15B-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	ST01 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
30.0	0.00	0.00	30.0	0.0	0.0	0.0	0.00	0.00	0.00
60.0	0.36	200.90	60.0	-0.1	0.0	0.1	1.20	1.20	0.00
90.0	0.54	222.58	90.0	-0.3	-0.2	0.3	0.82	0.60	72.27
120.0	0.38	270.68	120.0	-0.4	-0.4	0.5	1.34	-0.53	160.33
243.0	0.90	196.50	243.0	-1.3	-1.0	1.6	0.71	0.42	-60.31
333.0	2.90	208.20	332.9	-4.0	-2.3	4.5	2.25	2.22	13.00
422.0	4.30	212.00	421.8	-8.8	-5.1	10.0	1.59	1.57	4.27
512.0	5.90	197.90	511.4	-16.1	-8.4	17.9	2.25	1.78	-15.67
606.0	8.10	196.30	604.7	-27.0	-11.7	29.4	2.35	2.34	-1.70
701.0	11.00	197.60	698.4	-42.1	-16.3	45.1	3.06	3.05	1.37
795.0	13.80	197.40	790.2	-61.3	-22.4	65.3	2.98	2.98	-0.21
890.0	16.70	195.60	881.8	-85.3	-29.4	90.2	3.09	3.05	-1.89
984.0	19.80	198.80	971.1	-113.4	-38.2	119.7	3.46	3.30	3.40
1,079.0	21.10	197.00	1,060.1	-145.0	-48.4	152.8	1.52	1.37	-1.89
1,174.0	22.10	196.10	1,148.4	-178.5	-58.4	187.8	1.11	1.05	-0.95
1,268.0	22.30	195.40	1,235.4	-212.7	-68.0	223.2	0.35	0.21	-0.74
1,363.0	22.20	194.90	1,323.4	-247.4	-77.4	259.1	0.23	-0.11	-0.53
1,458.0	21.80	193.40	1,411.5	-281.9	-86.1	294.6	0.73	-0.42	-1.58
1,552.0	21.80	197.90	1,498.7	-315.5	-95.5	329.4	1.78	0.00	4.79
1,647.0	21.50	197.80	1,587.0	-348.9	-106.3	364.5	0.32	-0.32	-0.11
1,742.0	20.80	195.20	1,675.6	-381.7	-116.0	398.7	1.23	-0.74	-2.74
1,836.0	21.70	198.00	1,763.3	-414.3	-125.7	432.8	1.44	0.96	2.98
1,931.0	21.40	199.40	1,851.6	-447.4	-136.9	467.7	0.63	-0.32	1.47
2,025.0	21.00	200.80	1,939.3	-479.3	-148.6	501.6	0.69	-0.43	1.49
2,120.0	22.20	198.80	2,027.6	-512.2	-160.4	536.6	1.48	1.26	-2.11
2,214.0	21.50	198.10	2,114.8	-545.4	-171.5	571.6	0.79	-0.74	-0.74
2,309.0	21.10	197.70	2,203.3	-578.2	-182.1	606.1	0.45	-0.42	-0.42
2,404.0	20.70	198.80	2,292.1	-610.4	-192.7	640.0	0.59	-0.42	1.16
2,499.0	20.70	198.10	2,381.0	-642.3	-203.4	673.6	0.26	0.00	-0.74
2,593.0	20.70	196.30	2,468.9	-674.0	-213.2	706.8	0.68	0.00	-1.91
2,688.0	19.40	194.90	2,558.1	-705.4	-221.9	739.3	1.46	-1.37	-1.47
2,783.0	18.40	194.40	2,648.0	-735.2	-229.7	770.0	1.07	-1.05	-0.53
2,877.0	20.40	195.90	2,736.7	-765.3	-237.9	801.1	2.19	2.13	1.60
2,972.0	19.60	196.00	2,825.9	-796.5	-246.8	833.6	0.84	-0.84	0.11
2,986.0	19.10	196.30	2,839.1	-801.0	-248.1	838.2	3.64	-3.57	2.14
3,062.0	19.10	195.50	2,911.0	-824.9	-254.9	863.0	0.34	0.00	-1.05
3,157.0	18.90	197.80	3,000.8	-854.5	-263.8	893.9	0.82	-0.21	2.42
3,252.0	20.70	198.60	3,090.2	-885.1	-273.9	926.1	1.92	1.89	0.84
3,346.0	22.10	198.30	3,177.7	-917.6	-284.7	960.4	1.49	1.49	-0.32
3,441.0	21.80	198.00	3,265.8	-951.4	-295.8	995.9	0.34	-0.32	-0.32
3,536.0	22.80	199.60	3,353.7	-985.5	-307.4	1,032.0	1.23	1.05	1.68
3,630.0	22.30	199.50	3,440.5	-1,019.5	-319.5	1,068.0	0.53	-0.53	-0.11
3,725.0	23.20	197.80	3,528.1	-1,054.3	-331.2	1,104.8	1.17	0.95	-1.79
3,820.0	21.20	197.50	3,616.1	-1,088.5	-342.1	1,140.6	2.11	-2.11	-0.32
3,914.0	22.90	197.30	3,703.2	-1,122.1	-352.6	1,175.9	1.81	1.81	-0.21
4,009.0	21.40	198.40	3,791.2	-1,156.2	-363.6	1,211.7	1.64	-1.58	1.16
4,104.0	21.80	199.30	3,879.5	-1,189.3	-374.9	1,246.7	0.55	0.42	0.95
4,198.0	21.80	200.00	3,966.8	-1,222.2	-386.6	1,281.6	0.28	0.00	0.74
4,293.0	23.30	197.40	4,054.5	-1,256.7	-398.3	1,318.0	1.90	1.58	-2.74
4,387.0	23.50	196.60	4,140.8	-1,292.4	-409.2	1,355.3	0.40	0.21	-0.85
4,482.0	22.70	196.90	4,228.2	-1,328.1	-420.0	1,392.6	0.85	-0.84	0.32
4,576.0	22.00	197.30	4,315.1	-1,362.3	-430.5	1,428.3	0.76	-0.74	0.43
4,671.0	24.00	198.30	4,402.6	-1,397.6	-441.8	1,465.4	2.14	2.11	1.05

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 15B-26 496 - Slot 15B-26
<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 15B-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	ST01 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)
4,765.0	23.80	199.50	4,488.5	-1,433.6	-454.2	1,503.5	0.56	-0.21	1.28
4,860.0	22.80	200.00	4,575.7	-1,469.0	-466.8	1,541.1	1.07	-1.05	0.53
<b>Start DLS 5.00 TFO 220.00</b>									
4,955.0	22.50	201.20	4,663.4	-1,503.2	-479.7	1,577.6	0.58	-0.32	1.26
<b>Start 60.0 hold at 4975.0 MD</b>									
4,975.0	21.74	199.46	4,681.9	-1,510.3	-482.3	1,585.2	5.00	-3.79	-8.68
5,000.0	21.74	199.46	4,705.2	-1,519.0	-485.4	1,594.4	0.00	0.00	0.00
<b>Start DLS 3.00 TFO -163.24</b>									
5,035.0	21.74	199.46	4,737.7	-1,531.3	-489.7	1,607.4	0.00	0.00	0.00
5,100.0	19.88	197.81	4,798.4	-1,553.1	-497.1	1,630.5	3.00	-2.86	-2.54
<b>Start 2764.5 hold at 5122.3 MD</b>									
5,122.3	19.25	197.17	4,819.5	-1,560.3	-499.4	1,638.0	3.00	-2.84	-2.86
5,200.0	19.25	197.17	4,892.8	-1,584.7	-506.9	1,663.6	0.00	0.00	0.00
5,300.0	19.25	197.17	4,987.2	-1,616.2	-516.7	1,696.5	0.00	0.00	0.00
5,400.0	19.25	197.17	5,081.6	-1,647.7	-526.4	1,729.5	0.00	0.00	0.00
5,500.0	19.25	197.17	5,176.0	-1,679.2	-536.1	1,762.4	0.00	0.00	0.00
5,600.0	19.25	197.17	5,270.4	-1,710.7	-545.9	1,795.4	0.00	0.00	0.00
5,700.0	19.25	197.17	5,364.8	-1,742.2	-555.6	1,828.3	0.00	0.00	0.00
5,800.0	19.25	197.17	5,459.3	-1,773.7	-565.3	1,861.3	0.00	0.00	0.00
5,900.0	19.25	197.17	5,553.7	-1,805.2	-575.1	1,894.2	0.00	0.00	0.00
6,000.0	19.25	197.17	5,648.1	-1,836.7	-584.8	1,927.2	0.00	0.00	0.00
<b>Wasatch G</b>									
6,044.4	19.25	197.17	5,690.0	-1,850.7	-589.1	1,941.8	0.00	0.00	0.00
<b>Top Injection Zone</b>									
6,094.2	19.25	197.17	5,737.0	-1,866.4	-594.0	1,958.2	0.00	0.00	0.00
6,100.0	19.25	197.17	5,742.5	-1,868.2	-594.5	1,960.1	0.00	0.00	0.00
6,200.0	19.25	197.17	5,836.9	-1,899.7	-604.3	1,993.1	0.00	0.00	0.00
6,300.0	19.25	197.17	5,931.3	-1,931.2	-614.0	2,026.0	0.00	0.00	0.00
<b>Fort Union</b>									
6,362.2	19.25	197.17	5,990.0	-1,950.8	-620.1	2,046.5	0.00	0.00	0.00
6,400.0	19.25	197.17	6,025.7	-1,962.7	-623.8	2,059.0	0.00	0.00	0.00
6,500.0	19.25	197.17	6,120.1	-1,994.2	-633.5	2,091.9	0.00	0.00	0.00
<b>Top Influx Sand</b>									
6,563.4	19.25	197.17	6,180.0	-2,014.2	-639.7	2,112.8	0.00	0.00	0.00
6,600.0	19.25	197.17	6,214.5	-2,025.7	-643.2	2,124.9	0.00	0.00	0.00
<b>Bot Influx Sand</b>									
6,659.8	19.25	197.17	6,271.0	-2,044.5	-649.0	2,144.6	0.00	0.00	0.00
6,700.0	19.25	197.17	6,308.9	-2,057.2	-653.0	2,157.9	0.00	0.00	0.00
6,800.0	19.25	197.17	6,403.4	-2,088.7	-662.7	2,190.8	0.00	0.00	0.00
6,900.0	19.25	197.17	6,497.8	-2,120.2	-672.4	2,223.8	0.00	0.00	0.00
7,000.0	19.25	197.17	6,592.2	-2,151.7	-682.2	2,256.7	0.00	0.00	0.00
7,100.0	19.25	197.17	6,686.6	-2,183.2	-691.9	2,289.7	0.00	0.00	0.00
7,200.0	19.25	197.17	6,781.0	-2,214.7	-701.6	2,322.6	0.00	0.00	0.00
7,300.0	19.25	197.17	6,875.4	-2,246.2	-711.4	2,355.6	0.00	0.00	0.00
7,400.0	19.25	197.17	6,969.8	-2,277.7	-721.1	2,388.5	0.00	0.00	0.00
7,500.0	19.25	197.17	7,064.2	-2,309.2	-730.8	2,421.5	0.00	0.00	0.00
7,600.0	19.25	197.17	7,158.6	-2,340.7	-740.6	2,454.4	0.00	0.00	0.00
7,700.0	19.25	197.17	7,253.0	-2,372.2	-750.3	2,487.4	0.00	0.00	0.00
7,800.0	19.25	197.17	7,347.5	-2,403.7	-760.0	2,520.3	0.00	0.00	0.00
<b>Start Drop -3.00</b>									
7,886.8	19.25	197.17	7,429.4	-2,431.0	-768.5	2,548.9	0.00	0.00	0.00
7,900.0	18.85	197.17	7,441.9	-2,435.1	-769.7	2,553.3	3.00	-3.00	0.00

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 15B-26 496 - Slot 15B-26
<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 15B-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	ST01 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)
8,000.0	15.85	197.17	7,537.3	-2,463.6	-778.6	2,583.1	3.00	-3.00	0.00
8,100.0	12.85	197.17	7,634.2	-2,487.3	-785.9	2,607.8	3.00	-3.00	0.00
8,200.0	9.85	197.17	7,732.2	-2,506.1	-791.7	2,627.5	3.00	-3.00	0.00
<b>Bot Injection Zone</b>									
8,239.3	8.67	197.17	7,771.0	-2,512.1	-793.6	2,633.8	3.00	-3.00	0.00
8,300.0	6.85	197.17	7,831.1	-2,520.0	-796.0	2,642.0	3.00	-3.00	0.00
8,400.0	3.85	197.17	7,930.7	-2,528.9	-798.7	2,651.3	3.00	-3.00	0.00
8,500.0	0.85	197.17	8,030.6	-2,532.8	-799.9	2,655.5	3.00	-3.00	0.00
<b>Start DLS 1.50 TFO 235.09 - Ohio Creek / TOG</b>									
8,528.4	0.00	0.00	8,059.0	-2,533.0	-800.0	2,655.7	3.00	-3.00	0.00
8,600.0	1.07	235.09	8,130.6	-2,533.4	-800.6	2,656.2	1.50	1.50	0.00
<b>Start 3654.5 hold at 8632.2 MD</b>									
8,632.2	1.56	235.09	8,162.8	-2,533.8	-801.2	2,656.8	1.50	1.50	0.00
8,700.0	1.56	235.09	8,230.6	-2,534.9	-802.7	2,658.3	0.00	0.00	0.00
<b>Williams Fork</b>									
8,754.5	1.56	235.09	8,285.0	-2,535.7	-803.9	2,659.5	0.00	0.00	0.00
8,800.0	1.56	235.09	8,330.5	-2,536.4	-804.9	2,660.5	0.00	0.00	0.00
8,900.0	1.56	235.09	8,430.5	-2,538.0	-807.1	2,662.7	0.00	0.00	0.00
9,000.0	1.56	235.09	8,530.4	-2,539.5	-809.4	2,664.9	0.00	0.00	0.00
9,100.0	1.56	235.09	8,630.4	-2,541.1	-811.6	2,667.0	0.00	0.00	0.00
9,200.0	1.56	235.09	8,730.4	-2,542.6	-813.8	2,669.2	0.00	0.00	0.00
9,300.0	1.56	235.09	8,830.3	-2,544.2	-816.0	2,671.4	0.00	0.00	0.00
9,400.0	1.56	235.09	8,930.3	-2,545.8	-818.3	2,673.6	0.00	0.00	0.00
9,500.0	1.56	235.09	9,030.3	-2,547.3	-820.5	2,675.8	0.00	0.00	0.00
9,600.0	1.56	235.09	9,130.2	-2,548.9	-822.7	2,678.0	0.00	0.00	0.00
9,700.0	1.56	235.09	9,230.2	-2,550.4	-825.0	2,680.2	0.00	0.00	0.00
9,800.0	1.56	235.09	9,330.2	-2,552.0	-827.2	2,682.4	0.00	0.00	0.00
9,900.0	1.56	235.09	9,430.1	-2,553.5	-829.4	2,684.6	0.00	0.00	0.00
10,000.0	1.56	235.09	9,530.1	-2,555.1	-831.6	2,686.8	0.00	0.00	0.00
10,100.0	1.56	235.09	9,630.0	-2,556.6	-833.9	2,689.0	0.00	0.00	0.00
10,200.0	1.56	235.09	9,730.0	-2,558.2	-836.1	2,691.2	0.00	0.00	0.00
10,300.0	1.56	235.09	9,830.0	-2,559.8	-838.3	2,693.3	0.00	0.00	0.00
10,400.0	1.56	235.09	9,929.9	-2,561.3	-840.6	2,695.5	0.00	0.00	0.00
10,500.0	1.56	235.09	10,029.9	-2,562.9	-842.8	2,697.7	0.00	0.00	0.00
10,600.0	1.56	235.09	10,129.9	-2,564.4	-845.0	2,699.9	0.00	0.00	0.00
10,700.0	1.56	235.09	10,229.8	-2,566.0	-847.2	2,702.1	0.00	0.00	0.00
10,800.0	1.56	235.09	10,329.8	-2,567.5	-849.5	2,704.3	0.00	0.00	0.00
10,900.0	1.56	235.09	10,429.7	-2,569.1	-851.7	2,706.5	0.00	0.00	0.00
11,000.0	1.56	235.09	10,529.7	-2,570.6	-853.9	2,708.7	0.00	0.00	0.00
11,100.0	1.56	235.09	10,629.7	-2,572.2	-856.2	2,710.9	0.00	0.00	0.00
11,200.0	1.56	235.09	10,729.6	-2,573.8	-858.4	2,713.1	0.00	0.00	0.00
11,300.0	1.56	235.09	10,829.6	-2,575.3	-860.6	2,715.3	0.00	0.00	0.00
11,400.0	1.56	235.09	10,929.6	-2,576.9	-862.8	2,717.4	0.00	0.00	0.00
11,500.0	1.56	235.09	11,029.5	-2,578.4	-865.1	2,719.6	0.00	0.00	0.00
<b>Cameo</b>									
11,586.5	1.56	235.09	11,116.0	-2,579.8	-867.0	2,721.5	0.00	0.00	0.00
11,600.0	1.56	235.09	11,129.5	-2,580.0	-867.3	2,721.8	0.00	0.00	0.00
11,700.0	1.56	235.09	11,229.5	-2,581.5	-869.5	2,724.0	0.00	0.00	0.00
11,800.0	1.56	235.09	11,329.4	-2,583.1	-871.8	2,726.2	0.00	0.00	0.00
11,900.0	1.56	235.09	11,429.4	-2,584.6	-874.0	2,728.4	0.00	0.00	0.00
12,000.0	1.56	235.09	11,529.3	-2,586.2	-876.2	2,730.6	0.00	0.00	0.00
<b>Rollins</b>									
12,086.7	1.56	235.09	11,616.0	-2,587.5	-878.2	2,732.5	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 15B-26 496 - Slot 15B-26
<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 15B-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	ST01 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)
12,100.0	1.56	235.09	11,629.3	-2,587.8	-878.4	2,732.8	0.00	0.00	0.00
12,200.0	1.56	235.09	11,729.3	-2,589.3	-880.7	2,735.0	0.00	0.00	0.00
<b>TD at 12286.8</b>									
12,286.8	1.56	235.09	11,816.0	-2,590.7	-882.6	2,736.9	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
TOF - 15B-26 - hit/miss target - Shape - Point	0.00	0.00	5,594.4	-1,885.0	-595.4	14,419,407.30	2,445,300.06	39.671903	-108.139879
- plan misses target center by 64.3usft at 5965.6usft MD (5615.6 TVD, -1825.9 N, -581.5 E)									
BOF - 15B-26 - plan misses target center by 75.1usft at 6115.2usft MD (5756.8 TVD, -1873.0 N, -596.0 E) - Point	0.00	0.00	5,732.1	-1,941.7	-613.8	14,419,350.02	2,445,283.47	39.671748	-108.139945
15B-26 - OHCR - plan hits target center - Point	0.00	0.00	8,059.0	-2,533.0	-800.0	14,418,753.07	2,445,116.23	39.670125	-108.140606
15B-26 - PBHL - plan hits target center - Ellipse (radii L100.0 W50.0 on 235.00 azi)	0.00	0.00	11,816.0	-2,590.7	-882.6	14,418,692.80	2,445,035.50	39.669967	-108.140899

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,467.1	3,290.0	Wasatch		0.00		
6,044.4	5,690.0	Wasatch G		0.00		
6,094.2	5,737.0	Top Injection Zone		0.00		
6,362.2	5,990.0	Fort Union		0.00		
6,563.4	6,180.0	Top Influx Sand		0.00		
6,659.8	6,271.0	Bot Influx Sand		0.00		
8,239.3	7,771.0	Bot Injection Zone		0.00		
8,528.4	8,059.0	Ohio Creek / TOG		0.00		
8,754.5	8,285.0	Williams Fork		0.00		
11,586.5	11,116.0	Cameo		0.00		
12,086.7	11,616.0	Rollins		0.00		

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BJU B26 FED 15B-26 496 - Slot 15B-26
<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 15B-26 496	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	ST01 Design #1		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
4,955.0	4,663.4	-1,503.2	-479.7	Start DLS 5.00 TFO 220.00
4,975.0	4,681.9	-1,510.3	-482.3	Start 60.0 hold at 4975.0 MD
5,035.0	4,737.7	-1,531.3	-489.7	Start DLS 3.00 TFO -163.24
5,122.3	4,819.5	-1,560.3	-499.4	Start 2764.5 hold at 5122.3 MD
7,886.8	7,429.4	-2,431.0	-768.5	Start Drop -3.00
8,528.4	8,059.0	-2,533.0	-800.0	Start DLS 1.50 TFO 235.09
8,632.2	8,162.8	-2,533.8	-801.2	Start 3654.5 hold at 8632.2 MD
12,286.8	11,816.0	-2,590.7	-882.6	TD at 12286.8