

BJU B26 FED 11B-26 496
Garfield County, CO
Q220579 & RM-220546
Design #1

Company Name: Caerus Oil & Gas
BJU B26 FED 11B-26 496
Garfield County, CO
Rig: H&P #330
Created By: Will Jircik
Date: 11:50, June 21 2022



WELL DETAILS: BJU B26 FED 11B-26 496

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	14421534.50	2445815.70	39.677693	-108.137808 11B-26

PROJECT DETAILS: Garfield County, CO

System Datum: Universal Transverse Mercator (US Survey Feet)
Datum: NAD 1927 - Western US
Ellipsoid: Clarke 1866
Zone: Zone 12N (114 W to 108 W)
Geodetic System: Mean Sea Level

DESIGN TARGET DETAILS

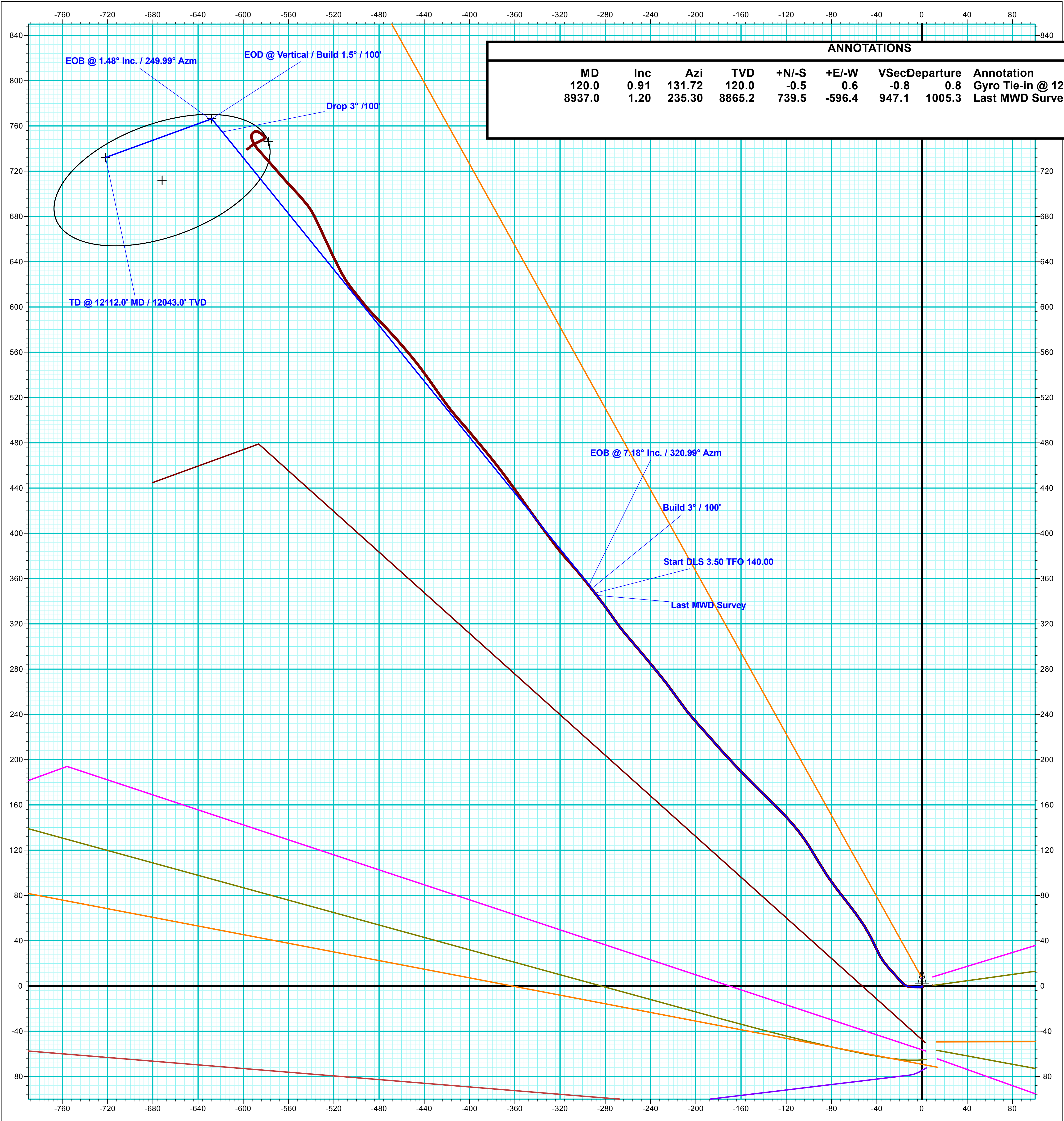
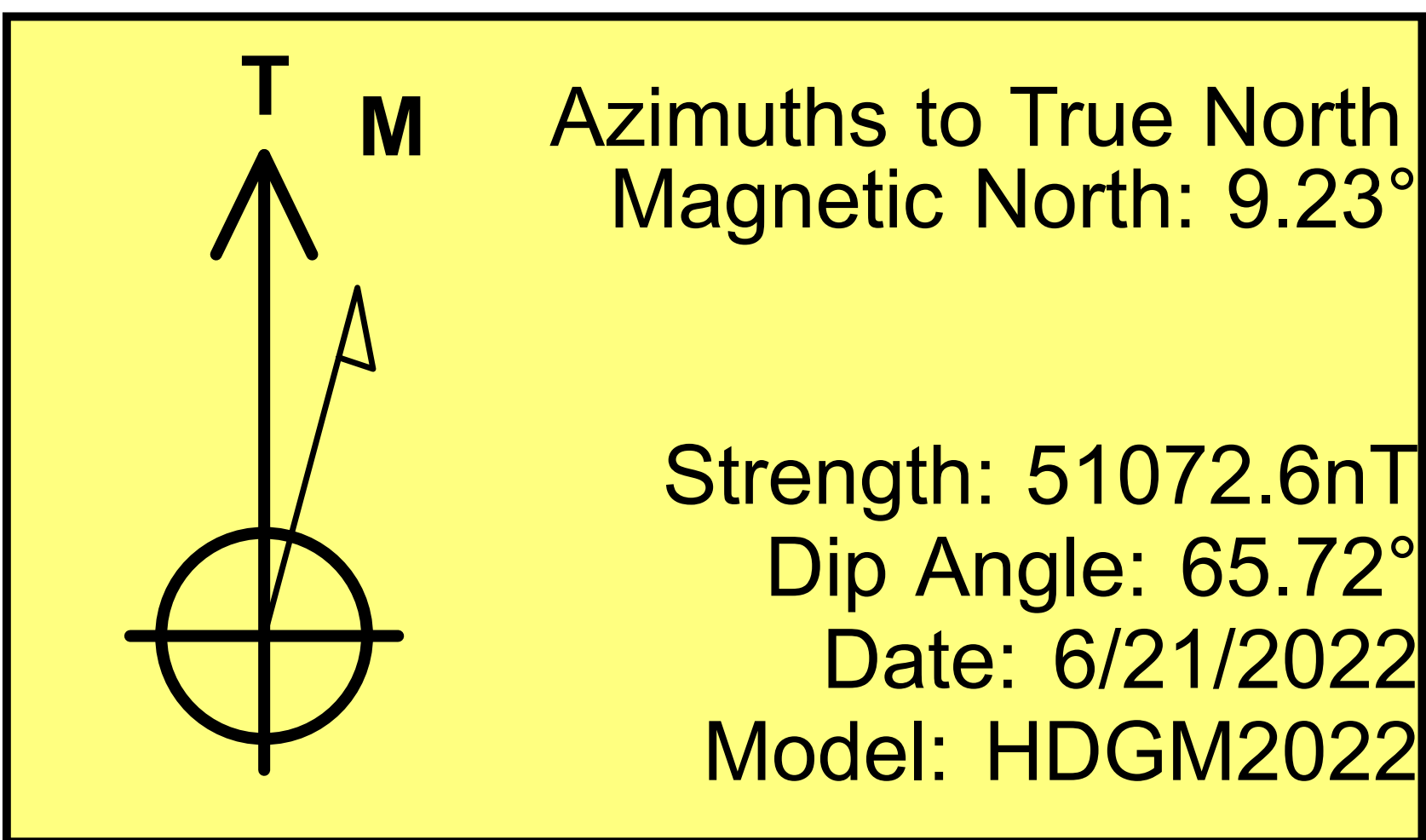
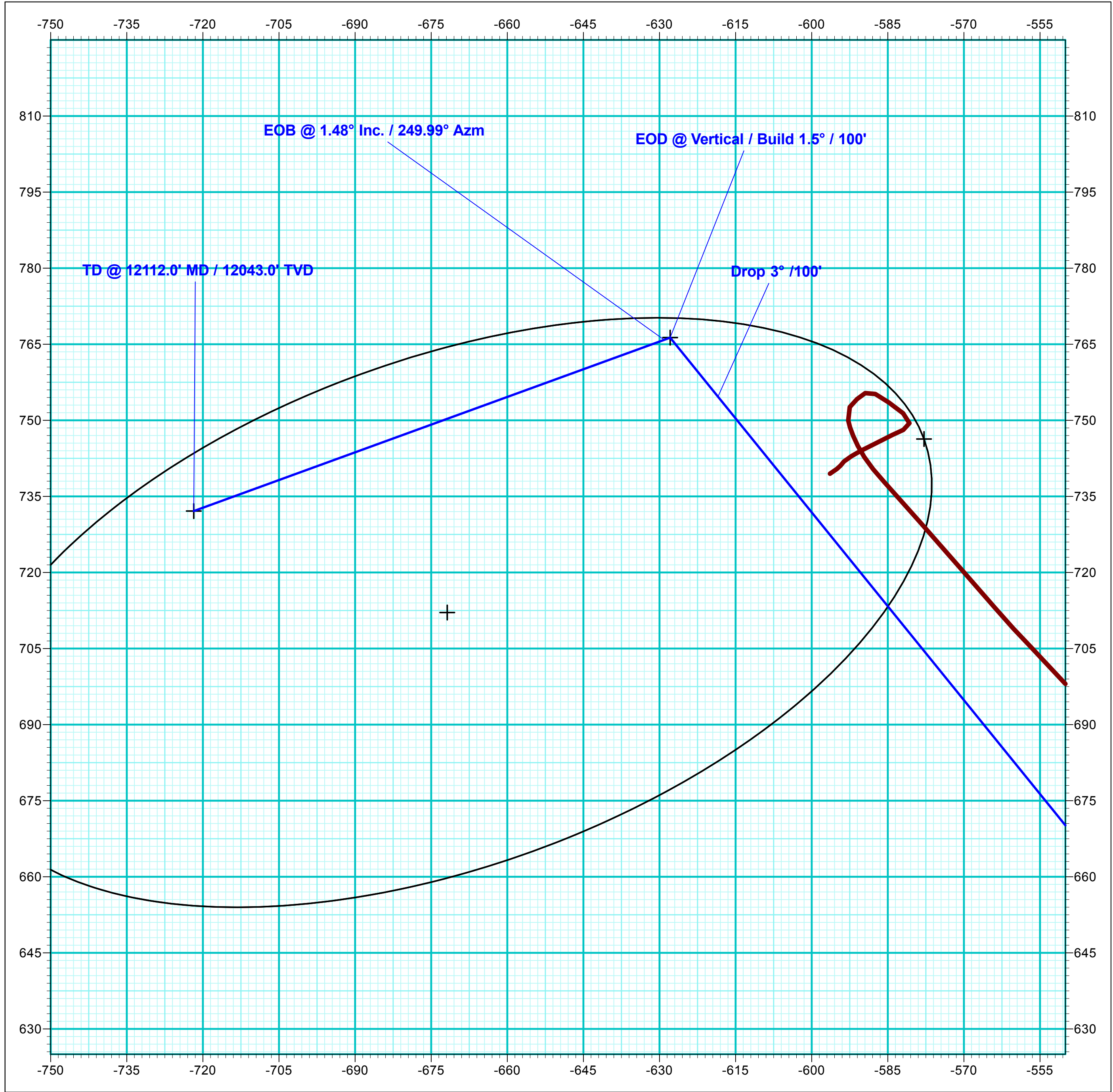
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
11B-26 - OHCR	8114.0	746.3	-577.9	14422261.99	2445214.33	39.679741	-108.139860
11B-26 - OHCR ST018114.0	766.3	-627.9	14422280.38	2445163.67	39.679796	-108.140038	
11B-26 - PBHL	12043.0	712.1	-671.8	14422224.80	2445121.50	39.679647	-108.140194
11B-26 - PBHL ST012043.0	732.1	-721.8	14422243.20	2445070.01	39.679702	-108.140374	

DESIGN ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
3732.0	7.70	321.80	3698.0	345.2	-287.6	447.7	0.0	Last MWD Survey
3750.0	8.06	321.80	3715.8	347.1	-289.1	450.2	2.5	Start DLS 3.50 TFO 140.00
3788.0	7.09	328.74	3753.5	351.2	-292.0	455.1	7.5	Build 3° / 100'
3820.2	7.18	320.99	3785.4	354.5	-294.3	459.0	11.5	EOB @ 7.18° Inc. / 320.99° Azm
7942.4	7.18	320.99	7875.4	754.7	-618.5	971.6	526.5	Drop 3° / 100'
8181.7	0.00	0.00	8114.0	766.3	-627.9	986.5	541.5	EOD @ Vertical / Build 1.5° / 100'
8280.1	1.48	249.99	8212.4	765.9	-629.1	987.0	542.7	EOB @ 1.48° Inc. / 249.99° Azm
12112.0	1.48	249.99	12043.0	732.1	-721.8	1028.1	641.4	TD @ 12112.0' MD / 12043.0' TVD

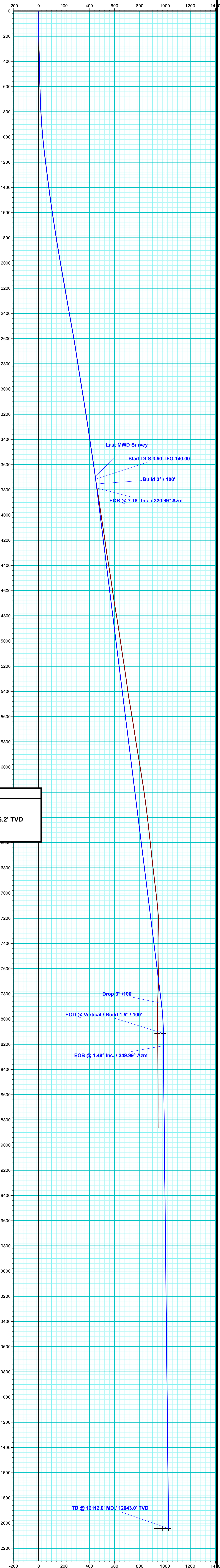
FORMATION TOP DETAILS

No formation data is available



ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
120.0	0.91	131.72	120.0	-0.5	0.6	-0.8	0.8	Gyro Tie-in @ 120.0' MD / 120.0' TVD
8937.0	1.20	235.30	8865.2	739.5	-596.4	947.1	1005.3	Last MWD Survey @ 8937.0' MD / 8865.2' TVD



Vertical Section at 315.41° (200 usf/in)



Caerus Oil & Gas

Garfield County, CO

BJU B26 496 Pad

BJU B26 FED 11B-26 496 - Slot 11B-26

ST01

Plan: Design #1

KLX Well Planning Report

21 June, 2022



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 11B-26 496 - Slot 11B-26
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8241.0usft (H&P #330)
Project:	Garfield County, CO	MD Reference:	RKB @ 8241.0usft (H&P #330)
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 11B-26 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	Design #1		

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 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 11B-26 496 - Slot 11B-26					
Well Position	+N/-S	64.9 usft	Northing:	14,421,534.50 usft	Latitude:	39.677693
	+E/-W	-3.5 usft	Easting:	2,445,815.70 usft	Longitude:	-108.137808
Position Uncertainty	0.0 usft		Wellhead Elevation:		Ground Level:	8,211.0 usft

Wellbore	ST01				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	6/21/2022	9.23	65.72	51,072.60000000

Design	Design #1				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	3,732.0	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	315.41	

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
3,732.0	7.70	321.80	3,698.0	345.2	-287.6	0.00	0.00	0.00	0.00	
3,750.0	8.06	321.80	3,715.8	347.1	-289.1	2.00	2.00	0.00	0.00	
3,788.0	7.09	328.74	3,753.5	351.2	-292.0	3.50	-2.55	18.26	140.00	
3,820.2	7.18	320.99	3,785.4	354.5	-294.3	3.00	0.26	-24.08	-88.82	
7,942.4	7.18	320.99	7,875.4	754.7	-618.5	0.00	0.00	0.00	0.00	
8,181.7	0.00	0.00	8,114.0	766.3	-627.9	3.00	-3.00	0.00	180.00	11B-26 - OHCR ST
8,280.1	1.48	249.99	8,212.4	765.9	-629.1	1.50	1.50	-111.84	249.99	
12,112.0	1.48	249.99	12,043.0	732.1	-721.8	0.00	0.00	0.00	0.00	11B-26 - PBHL ST0

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 11B-26 496 - Slot 11B-26
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8241.0usft (H&P #330)
Project:	Garfield County, CO	MD Reference:	RKB @ 8241.0usft (H&P #330)
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 11B-26 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	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	0.45	136.01	60.0	-0.1	0.1	-0.1	1.50	1.50	0.00
90.0	0.65	124.42	90.0	-0.3	0.3	-0.4	0.76	0.67	-38.63
120.0	0.91	131.72	120.0	-0.5	0.6	-0.8	0.93	0.87	24.33
153.0	0.60	252.20	153.0	-0.7	0.7	-1.0	4.00	-0.94	365.09
245.0	1.60	266.70	245.0	-1.0	-1.1	0.1	1.12	1.09	15.76
336.0	2.20	273.70	335.9	-0.9	-4.1	2.2	0.71	0.66	7.69
426.0	2.10	268.30	425.9	-0.9	-7.5	4.6	0.25	-0.11	-6.00
517.0	1.50	281.50	516.8	-0.7	-10.3	6.8	0.80	-0.66	14.51
611.0	1.70	280.30	610.8	-0.2	-12.9	8.9	0.22	0.21	-1.28
705.0	2.30	308.40	704.7	1.2	-15.7	11.9	1.20	0.64	29.89
800.0	3.10	318.30	799.6	4.3	-18.9	16.4	0.97	0.84	10.42
895.0	4.00	317.70	894.4	8.7	-22.9	22.3	0.95	0.95	-0.63
989.0	5.20	317.30	988.1	14.3	-28.0	29.8	1.28	1.28	-0.43
1,084.0	6.50	323.90	1,082.6	21.8	-34.1	39.4	1.54	1.37	6.95
1,178.0	7.70	335.60	1,175.9	31.8	-39.8	50.6	1.99	1.28	12.45
1,273.0	7.30	333.20	1,270.1	43.0	-45.1	62.3	0.53	-0.42	-2.53
1,367.0	7.70	326.70	1,363.3	53.6	-51.3	74.2	1.00	0.43	-6.91
1,462.0	7.70	323.40	1,457.4	64.0	-58.6	86.7	0.47	0.00	-3.47
1,556.0	8.10	321.80	1,550.6	74.3	-66.4	99.5	0.49	0.43	-1.70
1,651.0	8.90	322.50	1,644.5	85.4	-75.0	113.5	0.85	0.84	0.74
1,745.0	9.10	325.60	1,737.4	97.3	-83.7	128.0	0.56	0.21	3.30
1,840.0	9.40	330.00	1,831.1	110.2	-91.8	142.9	0.81	0.32	4.63
1,934.0	9.90	327.80	1,923.8	123.7	-99.9	158.2	0.66	0.53	-2.34
2,029.0	9.80	321.70	2,017.4	136.9	-109.3	174.2	1.10	-0.11	-6.42
2,123.0	10.40	317.00	2,109.9	149.4	-120.0	190.7	1.08	0.64	-5.00
2,218.0	9.70	314.70	2,203.5	161.3	-131.6	207.3	0.85	-0.74	-2.42
2,312.0	9.90	313.00	2,296.1	172.4	-143.1	223.2	0.37	0.21	-1.81
2,407.0	10.20	317.00	2,389.7	184.1	-154.8	239.8	0.80	0.32	4.21
2,502.0	10.30	316.10	2,483.1	196.4	-166.5	256.7	0.20	0.11	-0.95
2,596.0	10.00	318.30	2,575.7	208.5	-177.7	273.3	0.52	-0.32	2.34
2,691.0	9.20	319.10	2,669.3	220.4	-188.2	289.1	0.85	-0.84	0.84
2,786.0	8.50	316.90	2,763.2	231.3	-197.9	303.7	0.82	-0.74	-2.32
2,880.0	9.10	321.70	2,856.1	242.2	-207.3	318.0	1.01	0.64	5.11
2,975.0	9.70	325.30	2,949.8	254.7	-216.5	333.4	0.88	0.63	3.79
3,070.0	9.20	322.00	3,043.5	267.2	-225.7	348.8	0.78	-0.53	-3.47
3,164.0	9.10	320.50	3,136.3	278.9	-235.1	363.7	0.28	-0.11	-1.60
3,259.0	8.80	320.20	3,230.2	290.3	-244.5	378.4	0.32	-0.32	-0.32
3,354.0	8.60	319.40	3,324.1	301.3	-253.8	392.7	0.25	-0.21	-0.84
3,448.0	8.10	319.70	3,417.1	311.6	-262.7	406.3	0.53	-0.53	0.32
3,543.0	9.10	325.20	3,511.0	322.9	-271.3	420.4	1.36	1.05	5.79
3,637.0	8.40	324.00	3,603.9	334.6	-279.6	434.5	0.77	-0.74	-1.28
Last MWD Survey									
3,732.0	7.70	321.80	3,698.0	345.2	-287.6	447.7	0.80	-0.74	-2.32
Start DLS 3.50 TFO 140.00									
3,750.0	8.06	321.80	3,715.8	347.1	-289.1	450.2	2.00	2.00	0.00
Build 3° / 100'									
3,788.0	7.09	328.74	3,753.5	351.2	-292.0	455.1	3.50	-2.55	18.26
3,800.0	7.11	325.83	3,765.4	352.5	-292.8	456.5	3.00	0.14	-24.25
EOB @ 7.18° Inc. / 320.99° Azm									
3,820.2	7.18	320.99	3,785.4	354.5	-294.3	459.0	3.00	0.34	-23.98
3,900.0	7.18	320.99	3,864.6	362.2	-300.5	468.9	0.00	0.00	0.00
4,000.0	7.18	320.99	3,963.8	371.9	-308.4	481.4	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 11B-26 496 - Slot 11B-26
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8241.0usft (H&P #330)
Project:	Garfield County, CO	MD Reference:	RKB @ 8241.0usft (H&P #330)
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 11B-26 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	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)
4,100.0	7.18	320.99	4,063.0	381.7	-316.3	493.8	0.00	0.00	0.00
4,200.0	7.18	320.99	4,162.3	391.4	-324.1	506.3	0.00	0.00	0.00
4,300.0	7.18	320.99	4,261.5	401.1	-332.0	518.7	0.00	0.00	0.00
4,400.0	7.18	320.99	4,360.7	410.8	-339.9	531.1	0.00	0.00	0.00
4,500.0	7.18	320.99	4,459.9	420.5	-347.7	543.6	0.00	0.00	0.00
4,600.0	7.18	320.99	4,559.1	430.2	-355.6	556.0	0.00	0.00	0.00
4,700.0	7.18	320.99	4,658.3	439.9	-363.5	568.4	0.00	0.00	0.00
4,800.0	7.18	320.99	4,757.6	449.6	-371.3	580.9	0.00	0.00	0.00
4,900.0	7.18	320.99	4,856.8	459.3	-379.2	593.3	0.00	0.00	0.00
5,000.0	7.18	320.99	4,956.0	469.0	-387.1	605.7	0.00	0.00	0.00
5,100.0	7.18	320.99	5,055.2	478.7	-394.9	618.2	0.00	0.00	0.00
5,200.0	7.18	320.99	5,154.4	488.4	-402.8	630.6	0.00	0.00	0.00
5,300.0	7.18	320.99	5,253.6	498.1	-410.6	643.0	0.00	0.00	0.00
5,400.0	7.18	320.99	5,352.9	507.9	-418.5	655.5	0.00	0.00	0.00
5,500.0	7.18	320.99	5,452.1	517.6	-426.4	667.9	0.00	0.00	0.00
5,600.0	7.18	320.99	5,551.3	527.3	-434.2	680.3	0.00	0.00	0.00
5,700.0	7.18	320.99	5,650.5	537.0	-442.1	692.8	0.00	0.00	0.00
5,800.0	7.18	320.99	5,749.7	546.7	-450.0	705.2	0.00	0.00	0.00
5,900.0	7.18	320.99	5,848.9	556.4	-457.8	717.6	0.00	0.00	0.00
6,000.0	7.18	320.99	5,948.2	566.1	-465.7	730.1	0.00	0.00	0.00
6,100.0	7.18	320.99	6,047.4	575.8	-473.6	742.5	0.00	0.00	0.00
6,200.0	7.18	320.99	6,146.6	585.5	-481.4	755.0	0.00	0.00	0.00
6,300.0	7.18	320.99	6,245.8	595.2	-489.3	767.4	0.00	0.00	0.00
6,400.0	7.18	320.99	6,345.0	604.9	-497.2	779.8	0.00	0.00	0.00
6,500.0	7.18	320.99	6,444.2	614.6	-505.0	792.3	0.00	0.00	0.00
6,600.0	7.18	320.99	6,543.5	624.4	-512.9	804.7	0.00	0.00	0.00
6,700.0	7.18	320.99	6,642.7	634.1	-520.8	817.1	0.00	0.00	0.00
6,800.0	7.18	320.99	6,741.9	643.8	-528.6	829.6	0.00	0.00	0.00
6,900.0	7.18	320.99	6,841.1	653.5	-536.5	842.0	0.00	0.00	0.00
7,000.0	7.18	320.99	6,940.3	663.2	-544.4	854.4	0.00	0.00	0.00
7,100.0	7.18	320.99	7,039.5	672.9	-552.2	866.9	0.00	0.00	0.00
7,200.0	7.18	320.99	7,138.8	682.6	-560.1	879.3	0.00	0.00	0.00
7,300.0	7.18	320.99	7,238.0	692.3	-567.9	891.7	0.00	0.00	0.00
7,400.0	7.18	320.99	7,337.2	702.0	-575.8	904.2	0.00	0.00	0.00
7,500.0	7.18	320.99	7,436.4	711.7	-583.7	916.6	0.00	0.00	0.00
7,600.0	7.18	320.99	7,535.6	721.4	-591.5	929.0	0.00	0.00	0.00
7,700.0	7.18	320.99	7,634.8	731.1	-599.4	941.5	0.00	0.00	0.00
7,800.0	7.18	320.99	7,734.1	740.8	-607.3	953.9	0.00	0.00	0.00
7,900.0	7.18	320.99	7,833.3	750.6	-615.1	966.3	0.00	0.00	0.00
Drop 3° /100'									
7,942.4	7.18	320.99	7,875.4	754.7	-618.5	971.6	0.00	0.00	0.00
8,000.0	5.45	320.99	7,932.6	759.6	-622.5	977.9	3.00	-3.00	0.00
8,100.0	2.45	320.99	8,032.3	764.9	-626.8	984.8	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100'									
8,181.7	0.00	0.00	8,114.0	766.3	-627.9	986.5	3.00	-3.00	0.00
8,200.0	0.27	249.99	8,132.3	766.3	-627.9	986.5	1.50	1.50	0.00
EOB @ 1.48° Inc. / 249.99° Azm									
8,280.1	1.48	249.99	8,212.4	765.9	-629.1	987.0	1.50	1.50	0.00
8,300.0	1.48	249.99	8,232.3	765.7	-629.6	987.3	0.00	0.00	0.00
8,400.0	1.48	249.99	8,332.3	764.8	-632.0	988.3	0.00	0.00	0.00
8,500.0	1.48	249.99	8,432.2	763.9	-634.4	989.4	0.00	0.00	0.00
8,600.0	1.48	249.99	8,532.2	763.0	-636.8	990.5	0.00	0.00	0.00
8,700.0	1.48	249.99	8,632.2	762.2	-639.3	991.5	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 11B-26 496 - Slot 11B-26
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8241.0usft (H&P #330)
Project:	Garfield County, CO	MD Reference:	RKB @ 8241.0usft (H&P #330)
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 11B-26 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	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)
8,800.0	1.48	249.99	8,732.1	761.3	-641.7	992.6	0.00	0.00	0.00
8,900.0	1.48	249.99	8,832.1	760.4	-644.1	993.7	0.00	0.00	0.00
9,000.0	1.48	249.99	8,932.1	759.5	-646.5	994.8	0.00	0.00	0.00
9,100.0	1.48	249.99	9,032.0	758.6	-648.9	995.8	0.00	0.00	0.00
9,200.0	1.48	249.99	9,132.0	757.8	-651.3	996.9	0.00	0.00	0.00
9,300.0	1.48	249.99	9,232.0	756.9	-653.8	998.0	0.00	0.00	0.00
9,400.0	1.48	249.99	9,331.9	756.0	-656.2	999.0	0.00	0.00	0.00
9,500.0	1.48	249.99	9,431.9	755.1	-658.6	1,000.1	0.00	0.00	0.00
9,600.0	1.48	249.99	9,531.9	754.2	-661.0	1,001.2	0.00	0.00	0.00
9,700.0	1.48	249.99	9,631.8	753.4	-663.4	1,002.3	0.00	0.00	0.00
9,800.0	1.48	249.99	9,731.8	752.5	-665.9	1,003.3	0.00	0.00	0.00
9,900.0	1.48	249.99	9,831.8	751.6	-668.3	1,004.4	0.00	0.00	0.00
10,000.0	1.48	249.99	9,931.7	750.7	-670.7	1,005.5	0.00	0.00	0.00
10,100.0	1.48	249.99	10,031.7	749.8	-673.1	1,006.5	0.00	0.00	0.00
10,200.0	1.48	249.99	10,131.7	748.9	-675.5	1,007.6	0.00	0.00	0.00
10,300.0	1.48	249.99	10,231.6	748.1	-678.0	1,008.7	0.00	0.00	0.00
10,400.0	1.48	249.99	10,331.6	747.2	-680.4	1,009.8	0.00	0.00	0.00
10,500.0	1.48	249.99	10,431.6	746.3	-682.8	1,010.8	0.00	0.00	0.00
10,600.0	1.48	249.99	10,531.5	745.4	-685.2	1,011.9	0.00	0.00	0.00
10,700.0	1.48	249.99	10,631.5	744.5	-687.6	1,013.0	0.00	0.00	0.00
10,800.0	1.48	249.99	10,731.5	743.7	-690.1	1,014.0	0.00	0.00	0.00
10,900.0	1.48	249.99	10,831.4	742.8	-692.5	1,015.1	0.00	0.00	0.00
11,000.0	1.48	249.99	10,931.4	741.9	-694.9	1,016.2	0.00	0.00	0.00
11,100.0	1.48	249.99	11,031.4	741.0	-697.3	1,017.2	0.00	0.00	0.00
11,200.0	1.48	249.99	11,131.3	740.1	-699.7	1,018.3	0.00	0.00	0.00
11,300.0	1.48	249.99	11,231.3	739.3	-702.2	1,019.4	0.00	0.00	0.00
11,400.0	1.48	249.99	11,331.3	738.4	-704.6	1,020.5	0.00	0.00	0.00
11,500.0	1.48	249.99	11,431.2	737.5	-707.0	1,021.5	0.00	0.00	0.00
11,600.0	1.48	249.99	11,531.2	736.6	-709.4	1,022.6	0.00	0.00	0.00
11,700.0	1.48	249.99	11,631.2	735.7	-711.8	1,023.7	0.00	0.00	0.00
11,800.0	1.48	249.99	11,731.1	734.8	-714.3	1,024.7	0.00	0.00	0.00
11,900.0	1.48	249.99	11,831.1	734.0	-716.7	1,025.8	0.00	0.00	0.00
12,000.0	1.48	249.99	11,931.1	733.1	-719.1	1,026.9	0.00	0.00	0.00
12,100.0	1.48	249.99	12,031.0	732.2	-721.5	1,028.0	0.00	0.00	0.00
TD @ 12112.0' MD / 12043.0' TVD									
12,112.0	1.48	249.99	12,043.0	732.1	-721.8	1,028.1	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU B26 FED 11B-26 496 - Slot 11B-26
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8241.0usft (H&P #330)
Project:	Garfield County, CO	MD Reference:	RKB @ 8241.0usft (H&P #330)
Site:	BJU B26 496 Pad	North Reference:	True
Well:	BJU B26 FED 11B-26 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	Design #1		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
11B-26 - OHCR ST01	0.00	0.00	8,114.0	766.3	-627.9	14,422,280.38	2,445,163.67	39.679796	-108.140038
- plan hits target center									
- Point									
11B-26 - OHCR	0.00	0.00	8,114.0	746.3	-577.9	14,422,261.99	2,445,214.33	39.679741	-108.139860
- plan misses target center by 53.9usft at 8180.7usft MD (8113.0 TVD, 766.3 N, -627.9 E)									
- Point									
11B-26 - PBHL ST01	0.00	0.00	12,043.0	732.1	-721.8	14,422,243.20	2,445,070.91	39.679702	-108.140372
- plan hits target center									
- Point									
11B-26 - PBHL	0.00	0.00	12,043.0	712.1	-671.8	14,422,224.80	2,445,121.50	39.679647	-108.140194
- plan misses target center by 53.8usft at 12110.9usft MD (12042.0 TVD, 732.1 N, -721.8 E)									
- Ellipse (radii L100.0 W50.0 on 250.00 azi)									

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	
3,732.0	3,698.0	345.2	-287.6	Last MWD Survey
3,750.0	3,715.8	347.1	-289.1	Start DLS 3.50 TFO 140.00
3,788.0	3,753.5	351.2	-292.0	Build 3° / 100'
3,820.2	3,785.4	354.5	-294.3	EOB @ 7.18° Inc. / 320.99° Azm
7,942.4	7,875.4	754.7	-618.5	Drop 3° /100'
8,181.7	8,114.0	766.3	-627.9	EOD @ Vertical / Build 1.5° / 100'
8,280.1	8,212.4	765.9	-629.1	EOB @ 1.48° Inc. / 249.99° Azm
12,112.0	12,043.0	732.1	-721.8	TD @ 12112.0' MD / 12043.0' TVD