

Sec 18, T2S, R97W
RG 543-7-297
Q210072 & RM-210064
Plan 2

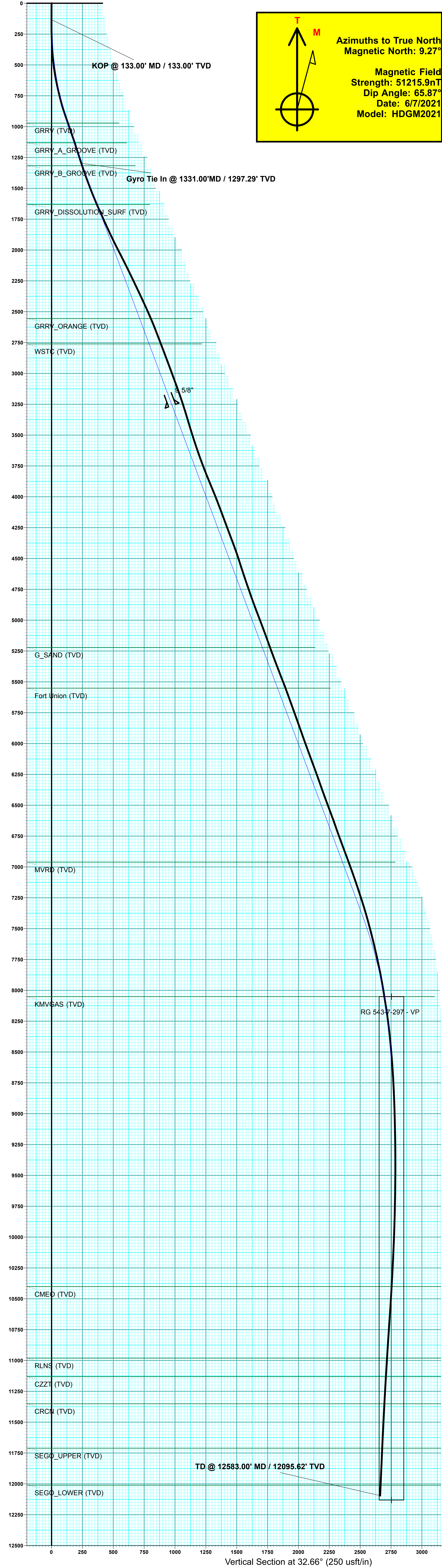
Company Name: Terra Energy Partners, LLP
RG 543-7-297
Rio Blanco County, CO
Rig: KB=30' @ 6650.90usft (H&P #329)
Created by: Chase Chambers
Date: 8:17, June 22 2021

PROJECT DETAILS: Rio Blanco County, CO

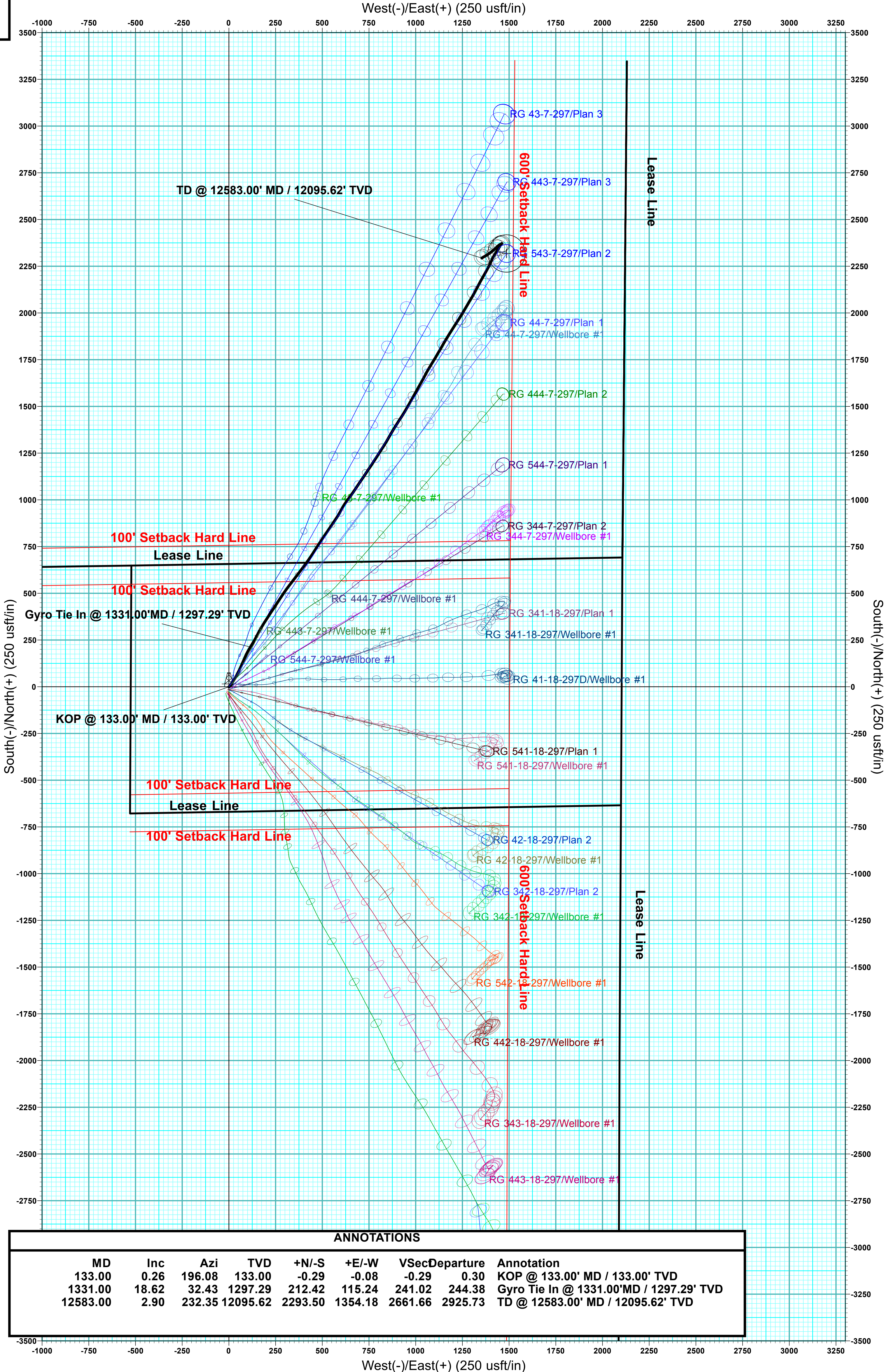
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Central Zone
System Datum: Mean Sea Level



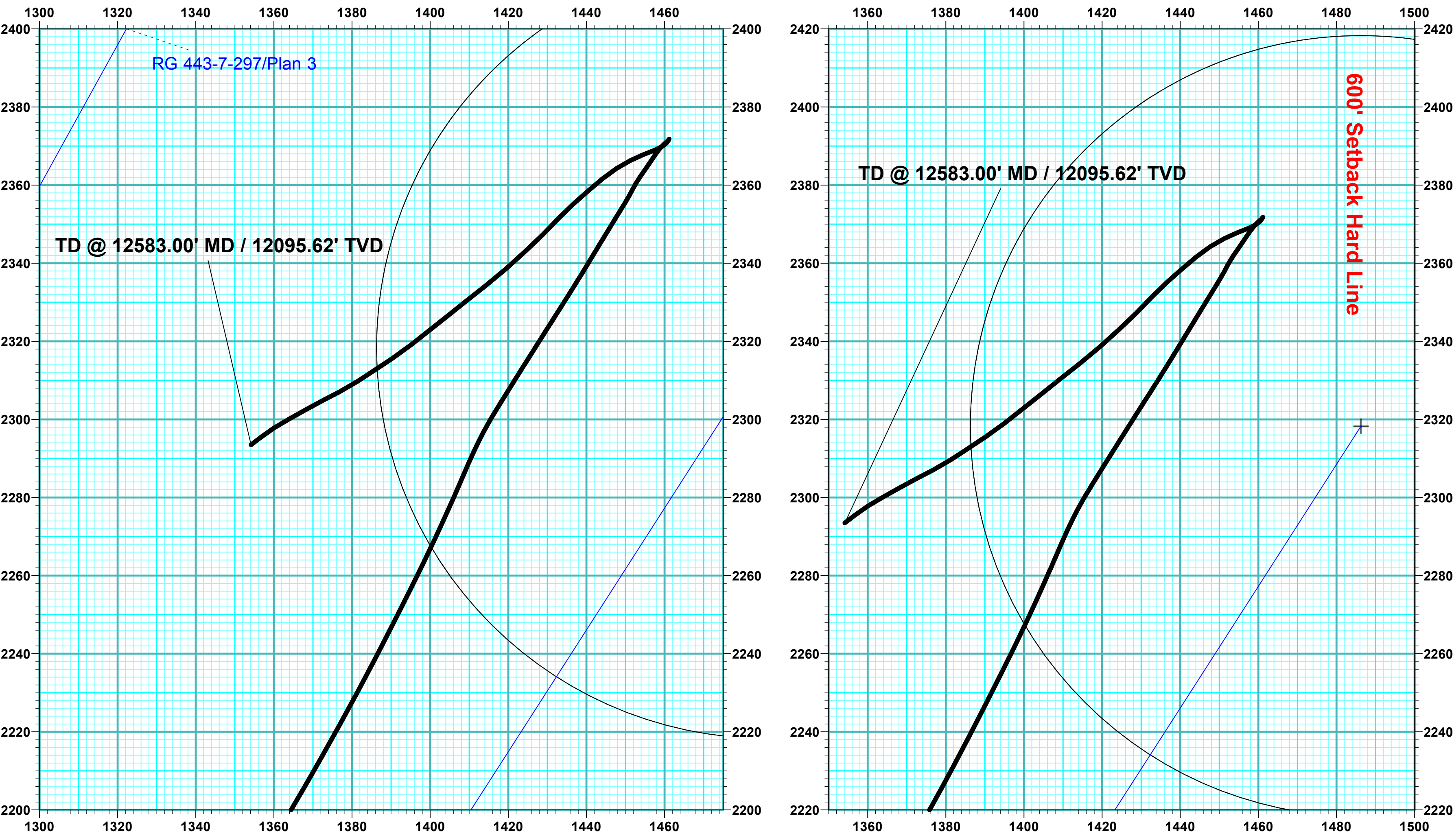
WELL DETAILS: RG 543-7-297					
Ground Elevation:		6620.90			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	1758393.90	2207917.80	39.881821	-108.322733



DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
RG 543-7-297 - VP	8051.00	2318.29	1486.30	1760664.90	2209475.40	39.888185	-108.317436
RG 543-7-297 - PBHL	12131.00	2318.29	1486.30	1760664.90	2209475.40	39.888185	-108.317436

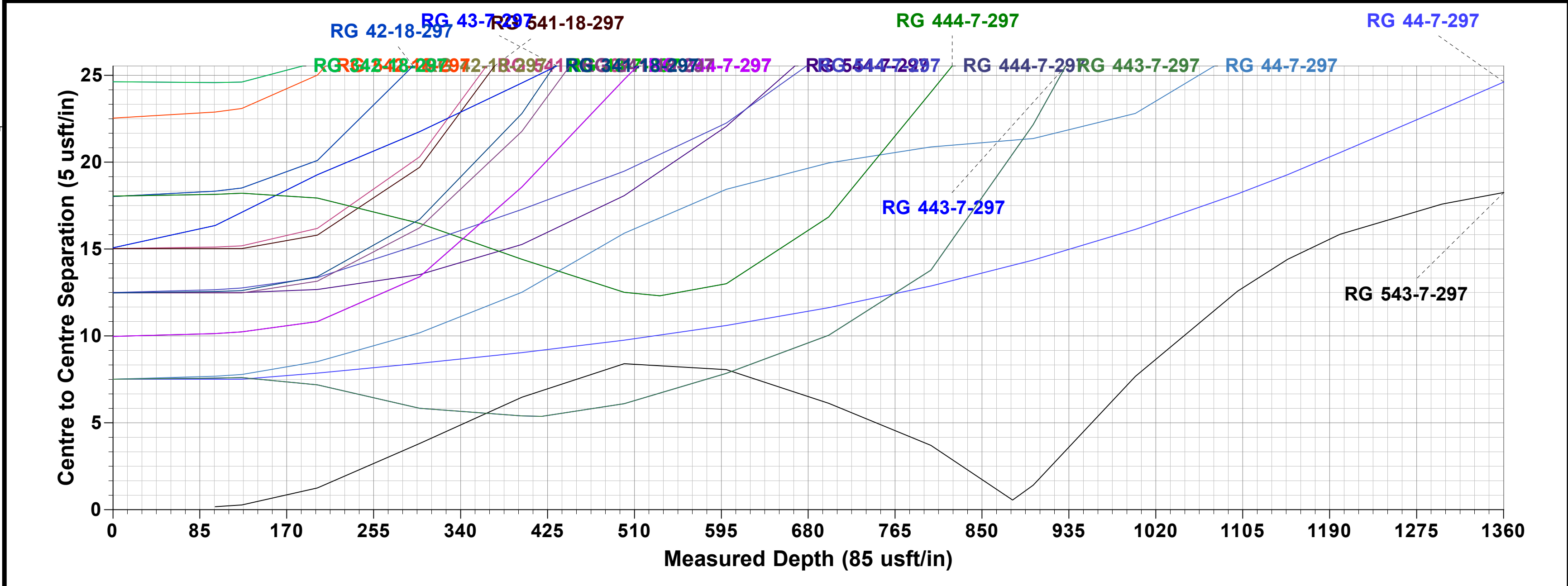


ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation	
133.00	0.26	196.08	133.00	-0.29	-0.08	-0.29	0.30	KOP @ 133.00' MD / 133.00' TVD	
1331.00	18.62	32.43	1297.29	212.42	115.24	241.02	244.38	Gyro Tie In @ 1331.00' MD / 1297.29' TVD	
12583.00	2.90	232.35	12095.62	2293.50	1354.18	2661.66	2925.73	TD @ 12583.00' MD / 12095.62' TVD	



DESIGN ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation	
126.00	0.00	0.00	126.00	0.00	0.00	0.00	0.00	Build 2°/100'	
1148.88	20.46	32.66	1127.28	152.10	97.52	180.68	180.68	EOB @ 20.46° Inc / 32.66° Azm	
7821.68	20.46	32.66	7379.24	2115.48	1356.28	2512.91	2512.91	Drop 1.5°/100'	
8518.86	10.00	32.66	8051.00	2269.43	1454.98	2695.79	2695.79	EOD @ 10.00° Inc / 32.66° Azm - Drop 1.5°/100'	
9185.52	0.00	0.00	8714.29	2318.28	1486.30	2753.82	2753.82	EOD @ Vertical	
12602.24	0.00	0.00	12131.00	2318.28	1486.30	2753.82	2753.82	TD @ 12602.24' MD / 12131.00' TVD	

FORMATION TOP DETAILS					SLOTS				
TVDPath	MDPath	Formation			Slot Name	+N/-S	+E/-W	Northing	Easting
971.00	983.76	GRRV (TVD)			(A1) RG 443-18	-38.23	-6.82	1758355.90	2207909.80
1131.00	1152.85	GRRV_A_GROOVE (TVD)			(A2) RG 442-18	-31.43	-3.63	1758362.60	2207913.20
1316.00	1350.30	GRRV_B_GROOVE (TVD)			(A3) RG 442-18	-24.63	-0.44	1758369.30	2207916.60
1631.00	1686.50	GRRV DISSOLUTION SURF (TVD)			(A4) RG 442-18	-17.83	2.66	1758376.00	2207919.90
2556.00	2673.77	GRRV_ORANGE (TVD)			(A5) RG 341-18	-11.02	5.85	1758382.70	2207923.30
2761.00	2892.57	WSTC (TVD)			(A6) RG 344-7	-4.22	9.04	1758389.40	2207926.70
5221.00	5518.16	G_SAND (TVD)			(A7) RG 544-7	2.58	12.23	1758396.10	2207930.10
5551.00	5870.37	Fort Union (TVD)			(A8) RG 444-7	9.38	15.42	1758402.80	2207933.50
6961.00	7375.29	MVRD (TVD)			(A9) RG 41-18	16.81	20.98	1758410.05	2207939.29
8051.00	8518.86	KMVGAS (TVD)			(B1) RG 543-18	-34.01	-15.85	1758360.40	2207900.90
10401.00	10872.24	CMEO (TVD)			(B2) RG 343-18	-27.21	-12.76	1758367.10	2207904.20
10961.00	11452.24	RLNS (TVD)			(B3) RG 542-18	-20.41	-8.57	1758373.80	2207907.60
11131.00	11602.24	CZZT (TVD)			(B4) RG 541-18	-13.60	-6.38	1758380.50	2207911.00
11351.00	11822.24	CRON (TVD)			(B5) RG 44-7	-6.80	-3.19	1758387.20	2207914.40
11711.00	12182.24	SEGO_UPPER (TVD)			(B6) RG 543-7	0.00	0.00	1758393.90	2207917.80
12011.00	12482.24	SEGO_LOWER (TVD)			(B7) RG 443-7	6.80	3.19	1758400.60	2207921.20
					(B8) RG 43-7	13.66	6.35	1758407.36	2207924.57





Terra Energy Partners, LLP

Rio Blanco County, CO

Sec 18, T2S, R97W

RG 543-7-297

Wellbore #1

Design: Wellbore #1

KLX Survey Report

22 June, 2021



Company:	Terra Energy Partners, LLP	Local Co-ordinate Reference:	Well RG 543-7-297
Project:	Rio Blanco County, CO	TVD Reference:	KB=30' @ 6650.90usft (H&P #329)
Site:	Sec 18, T2S, R97W	MD Reference:	KB=30' @ 6650.90usft (H&P #329)
Well:	RG 543-7-297	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project	Rio Blanco County, CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site		Sec 18, T2S, R97W			
Site Position:		Northing:	1,758,376.00 usft	Latitude:	39.881773
From:	Map	Easting:	2,207,919.90 usft	Longitude:	-108.322723
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-1.78 °

Well	RG 543-7-297					
Well Position	+N/-S	0.00 usft	Northing:	1,758,393.90 usft	Latitude:	39.881821
	+E/-W	0.00 usft	Easting:	2,207,917.80 usft	Longitude:	-108.322733
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	6,620.90 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021	6/7/2021	9.27	65.87	51,215.90000000

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	32.66	

Survey Program	Date	6/22/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
133.00	1,331.00	Gyro Surveys (Wellbore #1)	GYRO-NS	OWSG Gyrocompass Gyro	
1,527.00	12,583.00	KLX MWD surveys (Wellbore #1)	OWSG (REV5) MWD HDGM	OWSG MWD - Standard	

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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP @ 133.00' MD / 133.00' TVD									
133.00	0.26	196.08	133.00	-0.29	-0.08	-0.29	0.20	0.20	0.00
227.00	0.88	79.89	227.00	-0.37	0.57	0.00	1.09	0.66	-123.61
321.00	2.90	50.36	320.94	1.28	3.11	2.75	2.32	2.15	-31.41
415.00	4.49	45.97	414.74	5.35	7.59	8.60	1.72	1.69	-4.67
508.00	7.04	25.40	507.27	13.03	12.65	17.80	3.49	2.74	-22.12
602.00	10.29	32.87	600.19	25.29	19.68	31.91	3.65	3.46	7.95
695.00	13.02	32.96	691.27	41.06	29.89	50.70	2.94	2.94	0.10
789.00	14.16	27.95	782.64	60.10	41.04	72.75	1.74	1.21	-5.33

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Site:	Sec 18, T2S, R97W	MD Reference:	KB=30' @ 6650.90usft (H&P #329)
Well:	RG 543-7-297	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

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)
882.00	18.21	26.10	871.93	83.21	52.77	98.53	4.39	4.35	-1.99
956.00	19.38	24.51	941.99	104.76	62.95	122.17	1.73	1.58	-2.15
1,050.00	19.40	23.43	1,030.65	133.28	75.63	153.02	0.38	0.02	-1.15
1,143.00	18.97	23.76	1,118.49	161.29	87.86	183.20	0.48	-0.46	0.35
1,237.00	17.20	28.29	1,207.85	187.51	100.60	212.15	2.40	-1.88	4.82
Gyro Tie In @ 1331.00' MD / 1297.29' TVD									
1,331.00	18.62	32.43	1,297.29	212.42	115.24	241.02	2.03	1.51	4.40
1,527.00	20.83	27.74	1,481.79	269.68	148.25	307.04	1.39	1.13	-2.39
1,621.00	22.06	28.70	1,569.28	299.96	164.50	341.31	1.36	1.31	1.02
1,716.00	23.99	31.08	1,656.71	332.15	183.04	378.41	2.26	2.03	2.51
1,810.00	24.17	33.19	1,742.53	364.62	203.44	416.76	0.94	0.19	2.24
1,904.00	24.74	33.80	1,828.10	397.07	224.92	455.67	0.66	0.61	0.65
1,998.00	25.88	33.36	1,913.08	430.55	247.14	495.85	1.23	1.21	-0.47
2,092.00	27.11	33.10	1,997.20	465.63	270.12	537.78	1.31	1.31	-0.28
2,186.00	27.03	34.24	2,080.90	501.23	293.84	580.55	0.56	-0.09	1.21
2,280.00	25.80	37.23	2,165.09	535.18	318.23	622.30	1.93	-1.31	3.18
2,374.00	25.71	37.40	2,249.76	567.66	342.99	663.01	0.12	-0.10	0.18
2,468.00	25.75	37.84	2,334.44	599.99	367.90	703.66	0.21	0.04	0.47
2,561.00	24.74	36.26	2,418.55	631.63	391.81	743.20	1.31	-1.09	-1.70
2,656.00	24.03	36.26	2,505.08	663.26	415.00	782.35	0.75	-0.75	0.00
2,750.00	22.54	34.42	2,591.42	693.56	436.51	819.46	1.76	-1.59	-1.96
2,844.00	20.96	32.06	2,678.73	722.67	455.62	854.28	1.92	-1.68	-2.51
2,938.00	20.87	33.27	2,766.53	750.92	473.73	887.84	0.47	-0.10	1.29
3,032.00	20.43	33.80	2,854.49	778.55	492.04	920.98	0.51	-0.47	0.56
3,126.00	20.48	33.45	2,942.57	805.91	510.23	953.83	0.14	0.05	-0.37
3,220.00	20.35	34.50	3,030.66	833.10	528.55	986.61	0.41	-0.14	1.12
3,315.00	19.82	34.59	3,119.89	859.97	547.05	1,019.21	0.56	-0.56	0.09
3,343.00	19.64	33.71	3,146.24	867.79	552.36	1,028.66	1.24	-0.64	-3.14
3,486.00	17.49	33.89	3,281.79	905.62	577.68	1,074.18	1.50	-1.50	0.13
3,580.00	16.79	28.88	3,371.62	929.24	592.12	1,101.85	1.74	-0.74	-5.33
3,674.00	17.01	28.70	3,461.56	953.19	605.28	1,129.12	0.24	0.23	-0.19
3,768.00	18.02	33.54	3,551.21	977.37	619.91	1,157.37	1.88	1.07	5.15
3,863.00	19.64	36.35	3,641.12	1,002.48	637.50	1,188.00	1.95	1.71	2.96
3,957.00	20.08	36.09	3,729.53	1,028.24	656.36	1,219.87	0.48	0.47	-0.28
4,051.00	21.88	33.80	3,817.30	1,055.84	675.62	1,253.49	2.10	1.91	-2.44
4,145.00	22.68	33.54	3,904.28	1,085.50	695.37	1,289.13	0.86	0.85	-0.28
4,239.00	21.93	35.03	3,991.25	1,114.98	715.46	1,324.79	1.00	-0.80	1.59
4,333.00	20.48	32.66	4,078.88	1,143.20	734.41	1,358.77	1.79	-1.54	-2.52
4,427.00	20.61	34.59	4,166.90	1,170.66	752.68	1,391.75	0.73	0.14	2.05
4,522.00	20.39	33.01	4,255.89	1,198.30	771.19	1,425.01	0.63	-0.23	-1.66
4,616.00	20.87	32.75	4,343.86	1,226.12	789.17	1,458.13	0.52	0.51	-0.28
4,710.00	19.60	32.40	4,432.06	1,253.51	806.67	1,490.64	1.36	-1.35	-0.37
4,804.00	17.58	33.36	4,521.15	1,278.68	822.93	1,520.60	2.17	-2.15	1.02

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Well:	RG 543-7-297	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

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)
4,898.00	18.24	31.06	4,610.59	1,303.14	838.33	1,549.51	1.03	0.70	-2.45
4,993.00	19.07	29.76	4,700.60	1,329.35	853.70	1,579.87	0.98	0.87	-1.37
5,087.00	19.20	29.76	4,789.41	1,356.10	868.99	1,610.64	0.14	0.14	0.00
5,182.00	20.08	31.60	4,878.88	1,383.55	885.29	1,642.55	1.13	0.93	1.94
5,276.00	21.27	32.48	4,966.83	1,411.68	902.91	1,675.73	1.31	1.27	0.94
5,369.00	20.39	33.45	5,053.75	1,439.43	920.90	1,708.80	1.02	-0.95	1.04
5,464.00	20.13	30.99	5,142.87	1,467.25	938.43	1,741.69	0.94	-0.27	-2.59
5,558.00	19.78	30.02	5,231.23	1,494.89	954.72	1,773.75	0.51	-0.37	-1.03
5,652.00	20.70	29.23	5,319.42	1,523.16	970.79	1,806.22	1.02	0.98	-0.84
5,747.00	21.01	29.41	5,408.20	1,552.65	987.35	1,839.98	0.33	0.33	0.19
5,841.00	21.66	28.97	5,495.76	1,582.50	1,004.03	1,874.12	0.71	0.69	-0.47
5,935.00	19.73	29.49	5,583.69	1,611.49	1,020.24	1,907.28	2.06	-2.05	0.55
6,030.00	20.13	28.97	5,673.00	1,639.75	1,036.06	1,939.60	0.46	0.42	-0.55
6,124.00	19.73	27.30	5,761.37	1,668.01	1,051.17	1,971.54	0.74	-0.43	-1.78
6,219.00	19.47	30.02	5,850.87	1,695.96	1,066.44	2,003.32	1.00	-0.27	2.86
6,313.00	19.82	31.78	5,939.39	1,723.08	1,082.67	2,034.90	0.73	0.37	1.87
6,407.00	19.78	31.25	6,027.84	1,750.22	1,099.32	2,066.74	0.20	-0.04	-0.56
6,501.00	20.08	30.02	6,116.21	1,777.79	1,115.64	2,098.76	0.55	0.32	-1.31
6,596.00	20.52	30.64	6,205.31	1,806.24	1,132.29	2,131.69	0.52	0.46	0.65
6,690.00	19.38	28.88	6,293.67	1,834.07	1,148.22	2,163.72	1.37	-1.21	-1.87
6,784.00	19.60	32.13	6,382.28	1,861.08	1,164.14	2,195.05	1.18	0.23	3.46
6,878.00	20.17	31.34	6,470.68	1,888.27	1,180.95	2,227.01	0.67	0.61	-0.84
6,973.00	20.87	32.75	6,559.65	1,916.49	1,198.62	2,260.31	0.90	0.74	1.48
7,067.00	19.12	32.57	6,647.98	1,943.55	1,215.97	2,292.45	1.86	-1.86	-0.19
7,161.00	19.82	32.83	6,736.60	1,969.91	1,232.90	2,323.78	0.75	0.74	0.28
7,255.00	20.48	31.08	6,824.85	1,997.39	1,250.03	2,356.16	0.95	0.70	-1.86
7,350.00	20.52	30.11	6,913.84	2,026.03	1,266.96	2,389.41	0.36	0.04	-1.02
7,444.00	19.69	30.37	7,002.11	2,053.94	1,283.23	2,421.69	0.89	-0.88	0.28
7,538.00	19.34	30.99	7,090.71	2,080.95	1,299.25	2,453.07	0.43	-0.37	0.66
7,632.00	18.46	28.44	7,179.64	2,107.38	1,314.35	2,483.47	1.28	-0.94	-2.71
7,726.00	17.89	27.39	7,268.95	2,133.28	1,328.08	2,512.69	0.70	-0.61	-1.12
7,820.00	16.61	27.91	7,358.72	2,157.98	1,341.01	2,540.46	1.37	-1.36	0.55
7,914.00	15.29	29.32	7,449.10	2,180.66	1,353.37	2,566.22	1.46	-1.40	1.50
8,009.00	14.23	30.29	7,540.96	2,201.66	1,365.40	2,590.39	1.15	-1.12	1.02
8,103.00	13.45	28.97	7,632.23	2,221.20	1,376.52	2,612.85	0.90	-0.83	-1.40
8,197.00	12.65	27.30	7,723.81	2,239.91	1,386.54	2,634.00	0.94	-0.85	-1.78
8,291.00	11.73	26.50	7,815.68	2,257.61	1,395.52	2,653.75	1.00	-0.98	-0.85
8,385.00	10.55	24.40	7,907.91	2,274.00	1,403.34	2,671.77	1.33	-1.26	-2.23
8,479.00	9.32	23.08	8,000.50	2,288.84	1,409.88	2,687.79	1.33	-1.31	-1.40
8,573.00	9.18	31.69	8,093.28	2,302.22	1,416.80	2,702.79	1.48	-0.15	9.16
8,668.00	8.22	32.22	8,187.19	2,314.42	1,424.40	2,717.16	1.01	-1.01	0.56
8,762.00	6.90	32.48	8,280.37	2,324.87	1,431.02	2,729.53	1.40	-1.40	0.28
8,856.00	6.02	32.04	8,373.77	2,333.81	1,436.67	2,740.10	0.94	-0.94	-0.47
8,951.00	5.01	30.90	8,468.33	2,341.59	1,441.44	2,749.23	1.07	-1.06	-1.20

Company:	Terra Energy Partners, LLP	Local Co-ordinate Reference:	Well RG 543-7-297
Project:	Rio Blanco County, CO	TVD Reference:	KB=30' @ 6650.90usft (H&P #329)
Site:	Sec 18, T2S, R97W	MD Reference:	KB=30' @ 6650.90usft (H&P #329)
Well:	RG 543-7-297	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

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)
9,044.00	4.39	31.43	8,561.02	2,348.11	1,445.38	2,756.85	0.67	-0.67	0.57
9,138.00	3.78	31.87	8,654.78	2,353.81	1,448.89	2,763.54	0.65	-0.65	0.47
9,233.00	3.12	28.00	8,749.61	2,358.75	1,451.76	2,769.25	0.74	-0.69	-4.07
9,327.00	2.46	35.12	8,843.49	2,362.66	1,454.12	2,773.82	0.79	-0.70	7.57
9,421.00	1.85	33.80	8,937.43	2,365.57	1,456.13	2,777.35	0.65	-0.65	-1.40
9,516.00	1.36	35.21	9,032.39	2,367.77	1,457.63	2,780.01	0.52	-0.52	1.48
9,610.00	1.14	38.72	9,126.37	2,369.41	1,458.86	2,782.05	0.25	-0.23	3.73
9,704.00	1.05	50.15	9,220.35	2,370.69	1,460.10	2,783.80	0.25	-0.10	12.16
9,798.00	0.35	42.85	9,314.34	2,371.45	1,460.96	2,784.91	0.75	-0.74	-7.77
9,891.00	0.18	12.44	9,407.34	2,371.81	1,461.18	2,785.33	0.23	-0.18	-32.70
9,986.00	0.53	203.69	9,502.34	2,371.55	1,461.04	2,785.03	0.74	0.37	-177.63
10,080.00	0.70	221.62	9,596.34	2,370.72	1,460.48	2,784.03	0.27	0.18	19.07
10,174.00	1.19	240.26	9,690.32	2,369.81	1,459.25	2,782.60	0.61	0.52	19.83
10,268.00	1.54	248.43	9,784.30	2,368.86	1,457.23	2,780.71	0.43	0.37	8.69
10,362.00	1.93	248.08	9,878.25	2,367.80	1,454.59	2,778.40	0.42	0.41	-0.37
10,455.00	2.50	243.77	9,971.18	2,366.32	1,451.32	2,775.39	0.64	0.61	-4.63
10,549.00	2.55	236.65	10,065.09	2,364.27	1,447.73	2,771.72	0.34	0.05	-7.57
10,640.00	2.99	231.20	10,155.99	2,361.67	1,444.19	2,767.62	0.56	0.48	-5.99
10,738.00	2.99	228.48	10,253.85	2,358.37	1,440.28	2,762.74	0.14	0.00	-2.78
10,832.00	3.03	228.30	10,347.72	2,355.09	1,436.59	2,757.99	0.04	0.04	-0.19
10,925.00	3.34	223.56	10,440.58	2,351.50	1,432.89	2,752.96	0.44	0.33	-5.10
11,019.00	3.78	224.79	10,534.40	2,347.31	1,428.82	2,747.24	0.48	0.47	1.31
11,113.00	3.96	227.95	10,628.18	2,342.94	1,424.23	2,741.08	0.30	0.19	3.36
11,207.00	4.04	227.60	10,721.95	2,338.53	1,419.37	2,734.75	0.09	0.09	-0.37
11,301.00	4.09	232.79	10,815.72	2,334.27	1,414.26	2,728.40	0.39	0.05	5.52
11,395.00	3.78	230.59	10,909.50	2,330.28	1,409.19	2,722.31	0.37	-0.33	-2.34
11,490.00	3.78	231.99	11,004.29	2,326.36	1,404.31	2,716.37	0.10	0.00	1.47
11,584.00	3.56	231.38	11,098.10	2,322.63	1,399.59	2,710.69	0.24	-0.23	-0.65
11,679.00	3.52	232.08	11,192.92	2,319.00	1,394.98	2,705.14	0.06	-0.04	0.74
11,773.00	3.43	235.95	11,286.74	2,315.65	1,390.38	2,699.84	0.27	-0.10	4.12
11,868.00	3.21	236.75	11,381.58	2,312.60	1,385.80	2,694.80	0.24	-0.23	0.84
11,962.00	3.25	237.09	11,475.43	2,309.71	1,381.36	2,689.97	0.05	0.04	0.36
12,056.00	3.16	242.72	11,569.29	2,307.08	1,376.82	2,685.30	0.35	-0.10	5.99
12,150.00	2.90	242.28	11,663.16	2,304.78	1,372.41	2,680.99	0.28	-0.28	-0.47
12,245.00	2.94	240.87	11,758.03	2,302.48	1,368.16	2,676.76	0.09	0.04	-1.48
12,339.00	2.94	241.05	11,851.91	2,300.14	1,363.94	2,672.51	0.01	0.00	0.19
12,433.00	2.55	237.27	11,945.80	2,297.84	1,360.07	2,668.49	0.46	-0.41	-4.02
12,520.00	2.90	232.35	12,032.70	2,295.45	1,356.70	2,664.66	0.48	0.40	-5.66
TD @ 12583.00' MD / 12095.62' TVD									
12,583.00	2.90	232.35	12,095.62	2,293.50	1,354.18	2,661.66	0.00	0.00	0.00

Company:	Terra Energy Partners, LLP	Local Co-ordinate Reference:	Well RG 543-7-297
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Site:	Sec 18, T2S, R97W	MD Reference:	KB=30' @ 6650.90usft (H&P #329)
Well:	RG 543-7-297	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
133.00	133.00	-0.29	-0.08	KOP @ 133.00' MD / 133.00' TVD
1,331.00	1,297.29	212.42	115.24	Gyro Tie In @ 1331.00'MD / 1297.29' TVD
12,583.00	12,095.62	2,293.50	1,354.18	TD @ 12583.00' MD / 12095.62' TVD

Checked By: _____	Approved By: _____	Date: _____
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