

Sec 18, T2S, R97W
RG 442-18-297
Q210081 & RM-210073
Plan 2

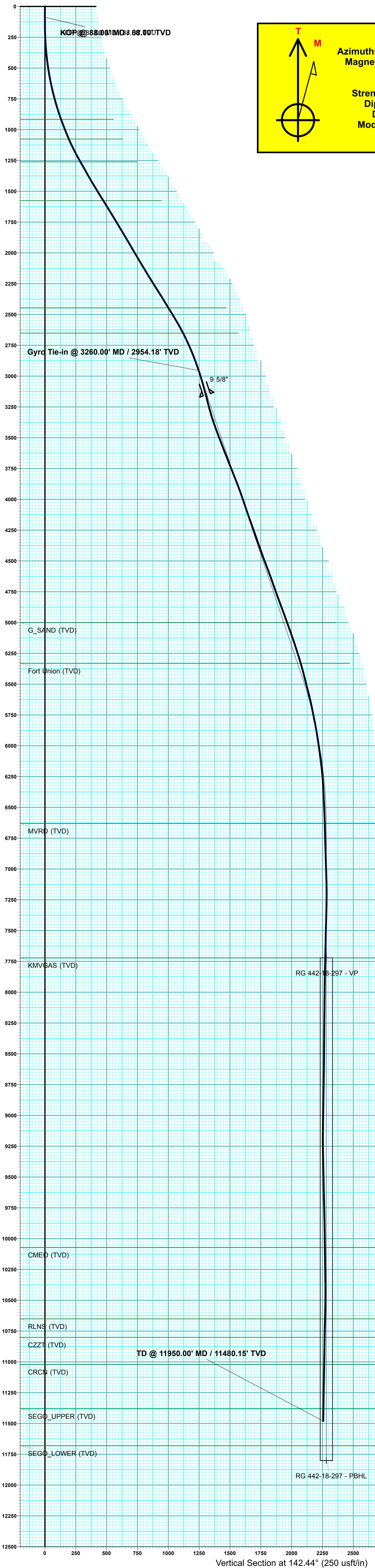
Company Name: Terra Energy Partners, LLP
RG 442-18-297
Rio Blanco County, CO
Rig: KB=30' @ 6650.90usft (H&P #329)
Created by: Chase Chambers
Date: 11:48, April 23 2021

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

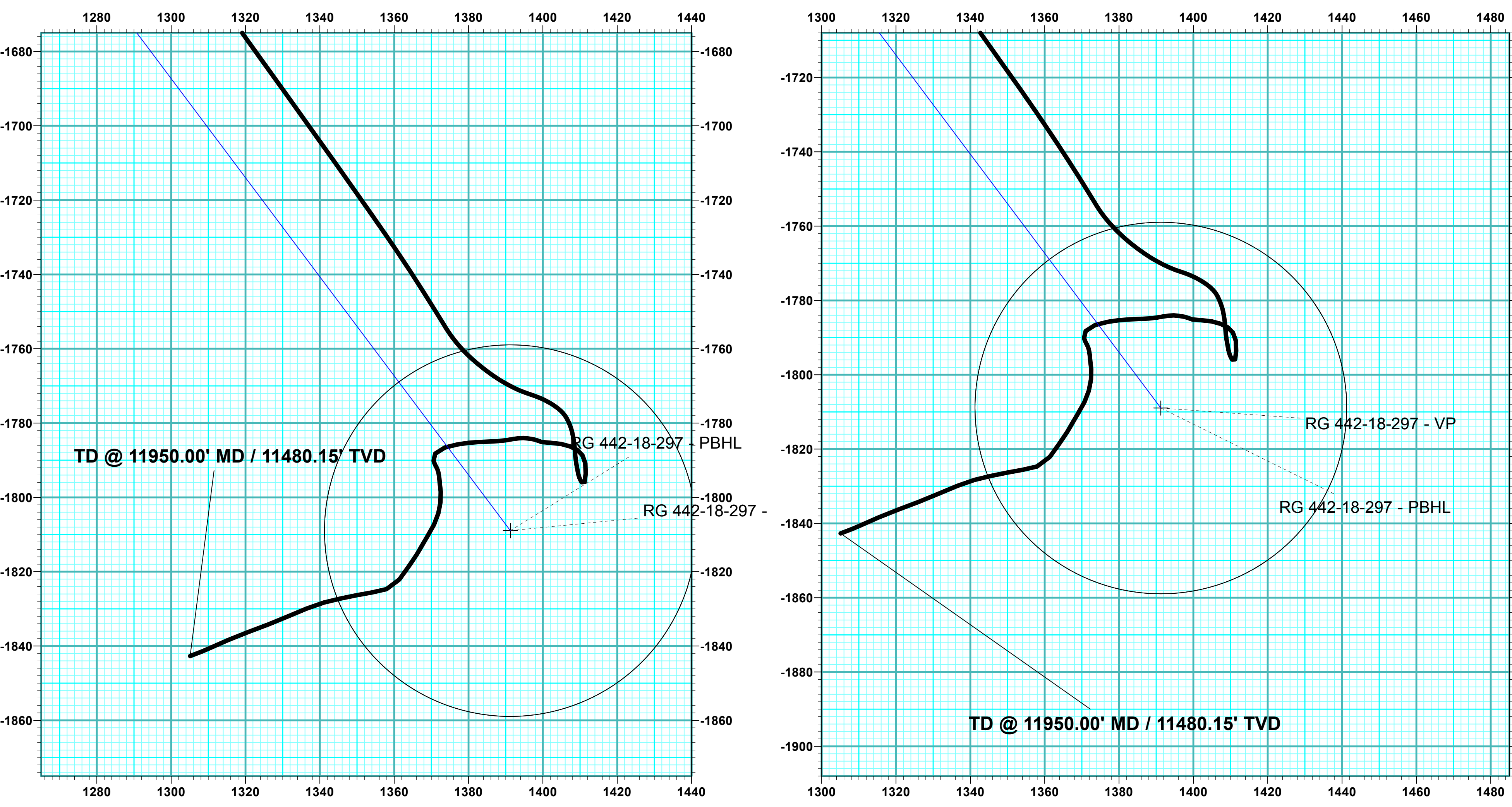
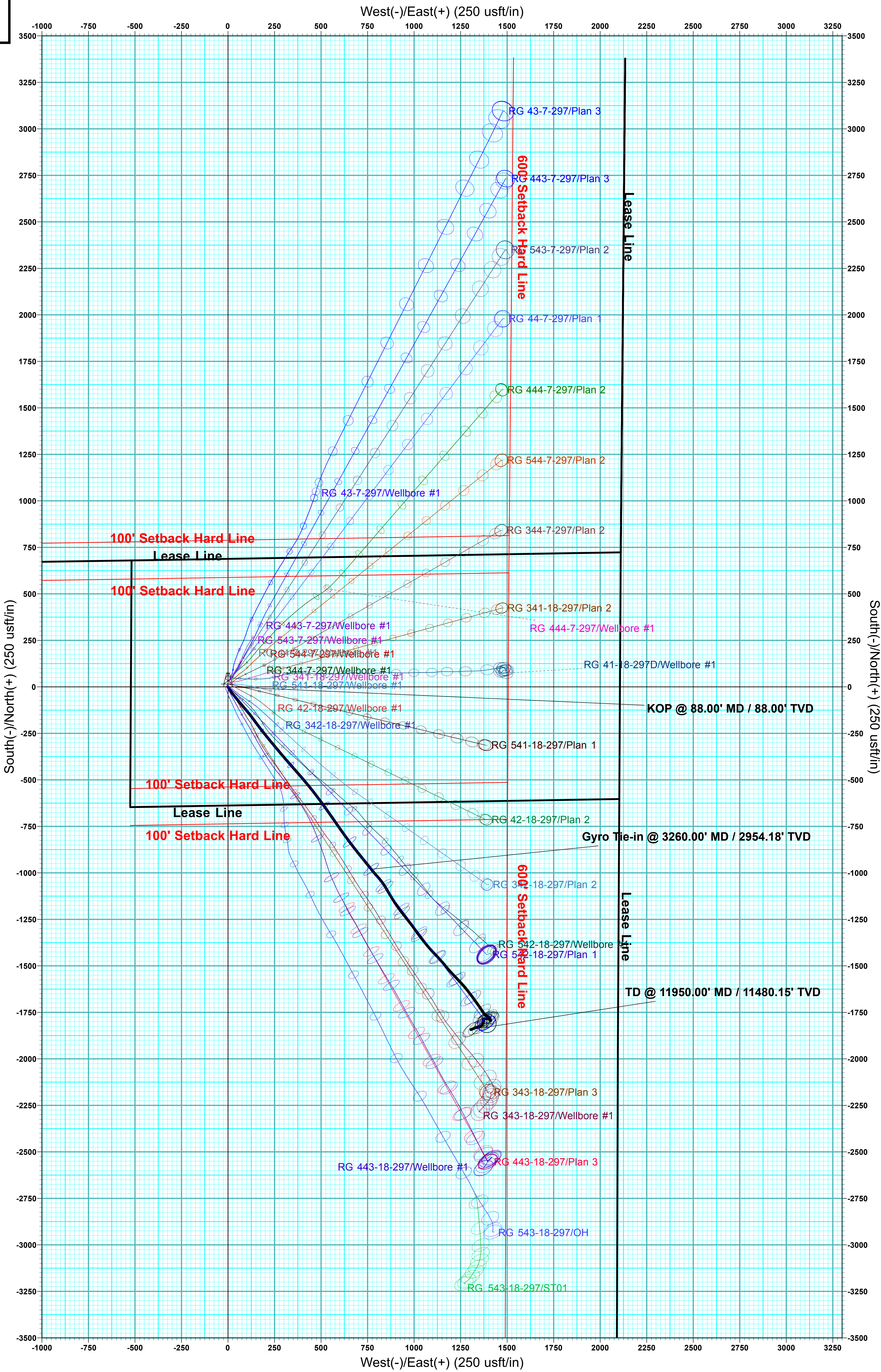


WELL DETAILS: RG 442-18-297					
Ground Elevation:		6620.90			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	1758362.60	2207913.20	39.881735	-108.322746



DESIGN ANNOTATIONS							
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure
3260.00	18.64	142.02	2954.18	-980.43	769.54	1246.31	0.00
3289.00	18.64	142.02	2981.66	-987.73	775.25	1255.58	9.27
3306.71	18.64	143.13	2998.44	-992.23	778.69	1261.24	14.93
5874.10	18.64	143.13	5431.16	-1648.67	1271.05	2081.75	835.50
7116.74	0.00	0.00	6652.00	-1808.95	1391.27	2282.09	1035.86
12265.74	0.00	0.00	11801.00	-1808.95	1391.27	2282.09	1035.86

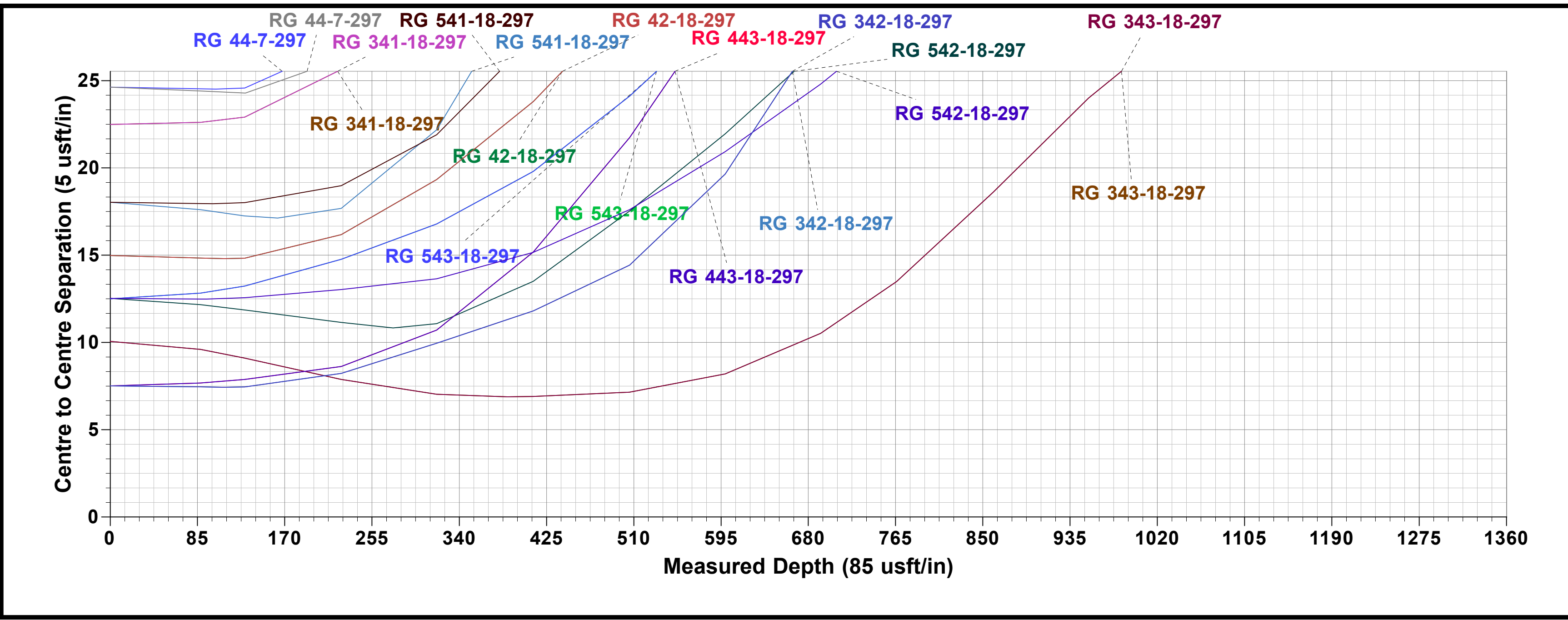
DESIGN TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude
RG 442-18-297 - VP	7721.00	-1808.95	1391.27	1756511.30	2209247.60	39.876769
RG 442-18-297 - PBHL	11801.00	-1808.95	1391.27	1756511.30	2209247.60	-108.317789



ANNOTATIONS							
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure
88.00	0.18	47.02	88.00	0.09	0.10	0.14	0.01
3260.00	18.64	142.02	2954.18	-980.43	769.54	1246.31	1247.58
11950.00	3.25	248.89	11480.15	-1842.69	1305.11	2256.31	2440.26

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
916.00	930.95	GRRV (TVD)
1076.00	1102.92	GRRV_A_GROOVE (TVD)
1261.00	1310.42	GRRV_B_GROOVE (TVD)
1576.00	1676.27	GRRV_DISSOLUTION_SURF (TVD)
2446.00	2694.14	GRRV_ORANGE (TVD)
2651.00	2931.24	WSTC (TVD)
5001.00	5420.12	G_SAND (TVD)
6331.00	6768.39	Fort Union (TVD)
6631.00	7095.74	MVRD (TVD)
7721.00	8185.74	KMGAS (TVD)
10071.00	10535.74	CMEO (TVD)
10651.00	11115.74	RLNS (TVD)
10801.00	11265.74	CZZT (TVD)
11021.00	11485.74	CRCN (TVD)
11381.00	11845.74	SEGO_UPPER (TVD)
11681.00	12145.74	SEGO_LOWER (TVD)

SLOTS				
Slot Name	+N/-S	+E/-W	Northing	Easting
(A1) RG 443-18	-6.80	-3.19	1758355.90	2207909.80
(A2) RG 442-18	0.00	0.00	1758362.60	2207913.20
(A3) RG 342-18	6.80	3.19	1758369.30	2207916.60
(A4) RG 42-18	13.60	6.28	1758376.00	2207919.90
(A5) RG 341-18	20.40	9.47	1758382.70	2207923.30
(A6) RG 344-7	27.21	12.66	1758389.40	2207926.70
(A7) RG 544-7	34.01	15.85	1758396.10	2207930.10
(A8) RG 444-7	40.81	19.04	1758402.80	2207933.50
(A9) RG 41-18	48.24	24.60	1758410.05	2207939.29
(B1) RG 543-18	-2.58	-12.23	1758360.40	2207900.90
(B2) RG 343-18	4.22	-9.14	1758367.10	2207904.20
(B3) RG 542-18	11.02	-5.95	1758373.80	2207907.60
(B4) RG 541-18	17.82	-2.76	1758380.50	2207911.00
(B5) RG 44-7	24.63	0.44	1758387.20	2207914.40
(B6) RG 543-7	31.43	3.63	1758393.90	2207917.80
(B7) RG 443-7	38.23	6.82	1758400.60	2207921.20
(B8) RG 43-7	45.09	9.97	1758407.36	2207924.57





Terra Energy Partners, LLP

Rio Blanco County, CO

Sec 18, T2S, R97W

RG 442-18-297

Wellbore #1

Design: Wellbore #1

KLX Survey Report

23 April, 2021



Company:	Terra Energy Partners, LLP	Local Co-ordinate Reference:	Well RG 442-18-297
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 442-18-297	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 442-18-297				
Well Position	+N/-S	0.00 usft	Northing:	1,758,362.60 usft	Latitude:	39.881735
	+E/-W	0.00 usft	Easting:	2,207,913.20 usft	Longitude:	-108.322746
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	3/31/2021	9.28	65.87	51,234.60000000

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	142.44	

Survey Program	Date	4/23/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
88.00	3,260.00	Gyro Surveys (Wellbore #1)	GYRO-NS	OWSG Gyrocompass Gyro	
3,347.00	11,950.00	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 @ 88.00' MD / 88.00' TVD										
88.00	0.18	47.02	88.00	0.09	0.10	-0.01	0.20	0.20	0.00	
131.00	0.26	155.48	131.00	0.05	0.19	0.08	0.84	0.19	252.23	
225.00	1.76	155.48	224.98	-1.46	0.88	1.69	1.60	1.60	0.00	
318.00	3.96	151.26	317.86	-5.57	3.02	6.25	2.37	2.37	-4.54	
412.00	6.33	146.25	411.48	-12.73	7.46	14.63	2.56	2.52	-5.33	
506.00	8.71	145.02	504.66	-22.87	14.42	26.92	2.54	2.53	-1.31	
599.00	11.17	143.00	596.26	-35.83	23.88	42.96	2.67	2.65	-2.17	
692.00	13.37	140.54	687.13	-51.33	36.13	62.72	2.43	2.37	-2.65	

Company:	Terra Energy Partners, LLP	Local Co-ordinate Reference:	Well RG 442-18-297
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Site:	Sec 18, T2S, R97W	MD Reference:	KB=30' @ 6650.90usft (H&P #329)
Well:	RG 442-18-297	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)
766.00	15.39	140.44	758.81	-65.51	47.82	81.08	2.73	2.73	-0.14
860.00	17.90	140.43	848.86	-86.27	64.97	107.99	2.67	2.67	-0.01
953.00	20.41	139.85	936.70	-109.68	84.54	138.48	2.71	2.70	-0.62
1,047.00	21.80	139.30	1,024.40	-135.44	106.49	172.28	1.49	1.48	-0.59
1,141.00	24.68	143.67	1,110.77	-164.49	129.50	209.34	3.57	3.06	4.65
1,235.00	28.17	143.30	1,194.93	-198.10	154.40	251.16	3.72	3.71	-0.39
1,330.00	29.85	142.19	1,278.01	-234.77	182.30	297.23	1.86	1.77	-1.17
1,424.00	29.20	140.66	1,359.81	-270.98	211.17	343.54	1.06	-0.69	-1.63
1,518.00	30.94	140.41	1,441.15	-307.34	241.11	390.61	1.86	1.85	-0.27
1,612.00	31.74	140.07	1,521.44	-344.92	272.38	439.47	0.87	0.85	-0.36
1,706.00	32.20	139.24	1,601.18	-382.85	304.60	489.18	0.68	0.49	-0.88
1,801.00	30.82	138.79	1,682.17	-420.34	337.16	538.74	1.47	-1.45	-0.47
1,895.00	31.41	138.48	1,762.65	-456.79	369.26	587.21	0.65	0.63	-0.33
1,989.00	31.04	139.55	1,843.03	-493.57	401.23	635.85	0.71	-0.39	1.14
2,083.00	30.15	140.76	1,923.94	-530.30	431.88	683.65	1.15	-0.95	1.29
2,174.00	30.43	142.01	2,002.52	-566.16	460.52	729.54	0.76	0.31	1.37
2,356.00	31.22	144.21	2,158.81	-640.75	516.48	822.78	0.76	0.43	1.21
2,446.00	32.30	145.08	2,235.34	-679.39	543.89	870.11	1.30	1.20	0.97
2,536.00	32.28	145.32	2,311.42	-718.87	571.33	918.13	0.14	-0.02	0.27
2,627.00	31.41	144.84	2,388.72	-758.24	598.81	966.10	1.00	-0.96	-0.53
2,717.00	31.50	144.34	2,465.50	-796.51	626.02	1,013.03	0.31	0.10	-0.56
2,807.00	31.06	143.13	2,542.41	-834.19	653.66	1,059.74	0.85	-0.49	-1.34
2,897.00	28.13	141.82	2,620.66	-869.45	680.71	1,104.18	3.33	-3.26	-1.46
2,989.00	25.50	141.32	2,702.76	-901.97	706.50	1,145.68	2.87	-2.86	-0.54
3,080.00	23.14	140.83	2,785.68	-931.12	730.04	1,183.14	2.60	-2.59	-0.54
3,170.00	20.22	141.22	2,869.31	-956.96	750.95	1,216.37	3.25	-3.24	0.43
Gyro Tie-in @ 3260.00' MD / 2954.18' TVD									
3,260.00	18.64	142.02	2,954.18	-980.43	769.54	1,246.31	1.78	-1.76	0.89
3,347.00	16.92	138.76	3,037.02	-1,000.91	786.45	1,272.85	2.28	-1.98	-3.75
3,437.00	14.46	138.24	3,123.66	-1,019.14	802.57	1,297.13	2.74	-2.73	-0.58
3,527.00	14.28	141.31	3,210.85	-1,036.19	816.99	1,319.43	0.87	-0.20	3.41
3,616.00	16.04	143.77	3,296.75	-1,054.67	831.12	1,342.70	2.11	1.98	2.76
3,707.00	19.29	148.87	3,383.45	-1,077.69	846.33	1,370.21	3.95	3.57	5.60
3,797.00	20.79	149.57	3,468.00	-1,104.19	862.10	1,400.84	1.69	1.67	0.78
3,887.00	20.96	148.61	3,552.09	-1,131.70	878.58	1,432.69	0.42	0.19	-1.07
3,977.00	21.53	147.20	3,635.98	-1,159.32	895.91	1,465.15	0.85	0.63	-1.57
4,070.00	21.53	143.95	3,722.49	-1,187.47	915.19	1,499.22	1.28	0.00	-3.49
4,160.00	21.97	142.54	3,806.08	-1,214.18	935.15	1,532.56	0.76	0.49	-1.57
4,251.00	20.57	141.49	3,890.88	-1,240.21	955.46	1,565.57	1.59	-1.54	-1.15
4,341.00	18.85	141.22	3,975.61	-1,263.91	974.41	1,595.92	1.91	-1.91	-0.30
4,432.00	18.85	143.77	4,061.73	-1,287.23	992.31	1,625.31	0.91	0.00	2.80
4,522.00	19.29	145.44	4,146.79	-1,311.20	1,009.34	1,654.69	0.78	0.49	1.86
4,613.00	19.91	142.63	4,232.52	-1,335.90	1,027.27	1,685.20	1.24	0.68	-3.09

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Site:	Sec 18, T2S, R97W	MD Reference:	KB=30' @ 6650.90usft (H&P #329)
Well:	RG 442-18-297	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)
4,703.00	19.29	141.49	4,317.30	-1,359.71	1,045.83	1,715.39	0.81	-0.69	-1.27
4,793.00	19.34	141.66	4,402.24	-1,383.03	1,064.33	1,745.15	0.08	0.06	0.19
4,885.00	20.57	138.32	4,488.71	-1,407.05	1,084.53	1,776.51	1.82	1.34	-3.63
4,978.00	21.09	137.01	4,575.64	-1,431.49	1,106.80	1,809.46	0.75	0.56	-1.41
5,068.00	19.03	136.39	4,660.17	-1,453.96	1,127.96	1,840.18	2.30	-2.29	-0.69
5,158.00	19.86	138.94	4,745.04	-1,476.12	1,148.13	1,870.03	1.32	0.92	2.83
5,250.00	20.47	140.60	4,831.40	-1,500.33	1,168.60	1,901.71	0.91	0.66	1.80
5,340.00	20.25	138.76	4,915.78	-1,524.20	1,188.86	1,932.98	0.75	-0.24	-2.04
5,431.00	19.51	135.69	5,001.36	-1,546.92	1,209.86	1,963.79	1.41	-0.81	-3.37
5,523.00	20.13	137.09	5,087.91	-1,569.51	1,231.37	1,994.80	0.85	0.67	1.52
5,615.00	17.93	136.92	5,174.87	-1,591.45	1,251.82	2,024.67	2.39	-2.39	-0.18
5,706.00	17.75	139.03	5,261.50	-1,612.15	1,270.48	2,052.45	0.74	-0.20	2.32
5,798.00	16.04	142.98	5,349.53	-1,632.89	1,287.33	2,079.17	2.24	-1.86	4.29
5,889.00	13.93	141.40	5,437.43	-1,651.49	1,301.74	2,102.69	2.36	-2.32	-1.74
5,979.00	14.77	144.74	5,524.62	-1,669.33	1,315.12	2,124.99	1.31	0.93	3.71
6,070.00	13.49	144.21	5,612.87	-1,687.41	1,328.02	2,147.19	1.41	-1.41	-0.58
6,159.00	11.16	144.65	5,699.81	-1,702.86	1,339.08	2,166.17	2.62	-2.62	0.49
6,251.00	11.64	144.65	5,789.99	-1,717.69	1,349.60	2,184.34	0.52	0.52	0.00
6,341.00	9.80	145.71	5,878.42	-1,731.42	1,359.17	2,201.06	2.06	-2.04	1.18
6,431.00	8.35	147.64	5,967.29	-1,743.27	1,366.98	2,215.22	1.65	-1.61	2.14
6,521.00	7.65	148.43	6,056.41	-1,753.90	1,373.62	2,227.69	0.79	-0.78	0.88
6,613.00	7.34	131.20	6,147.64	-1,762.99	1,381.24	2,239.54	2.46	-0.34	-18.73
6,704.00	5.54	119.87	6,238.07	-1,769.00	1,389.43	2,249.30	2.41	-1.98	-12.45
6,794.00	3.82	107.65	6,327.76	-1,772.08	1,396.05	2,255.77	2.20	-1.91	-13.58
6,884.00	3.03	117.84	6,417.60	-1,774.10	1,401.01	2,260.40	1.10	-0.88	11.32
6,974.00	2.42	131.03	6,507.50	-1,776.46	1,404.55	2,264.43	0.97	-0.68	14.66
7,064.00	2.15	155.11	6,597.43	-1,779.23	1,406.69	2,267.94	1.10	-0.30	26.76
7,154.00	1.27	163.20	6,687.39	-1,781.72	1,407.69	2,270.51	1.01	-0.98	8.99
7,244.00	2.07	170.32	6,777.35	-1,784.28	1,408.25	2,272.88	0.92	0.89	7.91
7,335.00	1.98	176.47	6,868.30	-1,787.47	1,408.63	2,275.64	0.26	-0.10	6.76
7,425.00	1.98	171.72	6,958.24	-1,790.56	1,408.95	2,278.28	0.18	0.00	-5.28
7,516.00	1.93	167.06	7,049.19	-1,793.61	1,409.52	2,281.05	0.18	-0.05	-5.12
7,607.00	1.27	142.98	7,140.16	-1,795.90	1,410.47	2,283.45	1.02	-0.73	-26.46
7,696.00	1.10	12.55	7,229.15	-1,795.86	1,411.25	2,283.89	2.42	-0.19	-146.55
7,786.00	1.80	3.59	7,319.12	-1,793.60	1,411.52	2,282.27	0.82	0.78	-9.96
7,878.00	1.67	351.90	7,411.08	-1,790.83	1,411.42	2,280.02	0.41	-0.14	-12.71
7,968.00	1.32	327.29	7,501.05	-1,788.66	1,410.68	2,277.84	0.80	-0.39	-27.34
8,058.00	1.32	302.85	7,591.02	-1,787.23	1,409.25	2,275.83	0.62	0.00	-27.16
8,148.00	1.45	290.11	7,681.00	-1,786.28	1,407.31	2,273.89	0.37	0.14	-14.16
8,238.00	1.71	280.97	7,770.96	-1,785.63	1,404.92	2,271.92	0.40	0.29	-10.16
8,329.00	2.07	272.71	7,861.91	-1,785.29	1,401.95	2,269.84	0.50	0.40	-9.08
8,419.00	0.79	279.30	7,951.88	-1,785.12	1,399.71	2,268.34	1.43	-1.42	7.32
8,510.00	0.57	307.25	8,042.88	-1,784.74	1,398.73	2,267.45	0.43	-0.24	30.71
8,600.00	1.05	277.19	8,132.87	-1,784.37	1,397.56	2,266.43	0.70	0.53	-33.40

Company:	Terra Energy Partners, LLP	Local Co-ordinate Reference:	Well RG 442-18-297
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 442-18-297	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)
8,691.00	0.88	279.30	8,223.85	-1,784.15	1,396.04	2,265.34	0.19	-0.19	2.32
8,782.00	0.75	272.01	8,314.85	-1,784.02	1,394.75	2,264.45	0.18	-0.14	-8.01
8,872.00	0.88	262.43	8,404.84	-1,784.09	1,393.48	2,263.73	0.21	0.14	-10.64
8,963.00	1.14	261.63	8,495.82	-1,784.31	1,391.89	2,262.94	0.29	0.29	-0.88
9,053.00	1.23	259.17	8,585.80	-1,784.62	1,390.06	2,262.06	0.11	0.10	-2.73
9,143.00	1.36	267.17	8,675.78	-1,784.86	1,388.04	2,261.02	0.25	0.14	8.89
9,233.00	1.67	267.35	8,765.75	-1,784.97	1,385.67	2,259.66	0.34	0.34	0.20
9,323.00	1.89	267.79	8,855.70	-1,785.09	1,382.87	2,258.05	0.24	0.24	0.49
9,414.00	1.71	263.13	8,946.66	-1,785.31	1,380.02	2,256.49	0.25	-0.20	-5.12
9,504.00	2.11	260.40	9,036.61	-1,785.74	1,377.06	2,255.03	0.46	0.44	-3.03
9,595.00	2.37	252.49	9,127.54	-1,786.59	1,373.61	2,253.60	0.44	0.29	-8.69
9,688.00	1.58	214.17	9,220.49	-1,788.23	1,371.06	2,253.34	1.61	-0.85	-41.20
9,779.00	1.10	163.55	9,311.47	-1,790.10	1,370.60	2,254.55	1.35	-0.53	-55.63
9,870.00	1.32	150.89	9,402.45	-1,791.86	1,371.36	2,256.40	0.38	0.24	-13.91
9,960.00	1.41	172.60	9,492.42	-1,793.86	1,372.00	2,258.38	0.58	0.10	24.12
10,051.00	1.41	173.57	9,583.39	-1,796.08	1,372.27	2,260.31	0.03	0.00	1.07
10,142.00	1.63	174.09	9,674.36	-1,798.48	1,372.53	2,262.37	0.24	0.24	0.57
10,233.00	1.93	187.28	9,765.32	-1,801.29	1,372.47	2,264.56	0.56	0.33	14.49
10,323.00	1.98	194.49	9,855.27	-1,804.30	1,371.89	2,266.59	0.28	0.06	8.01
10,414.00	2.11	207.05	9,946.21	-1,807.31	1,370.74	2,268.28	0.51	0.14	13.80
10,504.00	2.11	212.06	10,036.15	-1,810.19	1,369.10	2,269.56	0.20	0.00	5.57
10,588.00	1.88	208.11	10,120.10	-1,812.72	1,367.63	2,270.67	0.32	-0.27	-4.70
10,679.00	2.07	212.50	10,211.04	-1,815.42	1,366.05	2,271.84	0.27	0.21	4.82
10,770.00	2.59	215.05	10,301.97	-1,818.49	1,363.98	2,273.02	0.58	0.57	2.80
10,861.00	3.03	216.11	10,392.86	-1,822.12	1,361.38	2,274.31	0.49	0.48	1.16
10,952.00	2.68	252.84	10,483.75	-1,824.69	1,357.93	2,274.24	2.01	-0.38	40.36
11,043.00	2.33	262.34	10,574.66	-1,825.56	1,354.07	2,272.58	0.60	-0.38	10.44
11,135.00	3.03	257.24	10,666.56	-1,826.35	1,349.84	2,270.63	0.80	0.76	-5.54
11,224.00	2.72	259.35	10,755.45	-1,827.26	1,345.47	2,268.69	0.37	-0.35	2.37
11,315.00	2.99	254.16	10,846.34	-1,828.31	1,341.07	2,266.83	0.41	0.30	-5.70
11,405.00	3.25	247.57	10,936.21	-1,829.92	1,336.45	2,265.30	0.49	0.29	-7.32
11,495.00	3.52	247.13	11,026.05	-1,831.97	1,331.55	2,263.93	0.30	0.30	-0.49
11,585.00	3.91	248.10	11,115.86	-1,834.19	1,326.15	2,262.40	0.44	0.43	1.08
11,676.00	3.65	250.38	11,206.66	-1,836.32	1,320.55	2,260.67	0.33	-0.29	2.51
11,766.00	3.52	246.17	11,296.48	-1,838.39	1,315.32	2,259.13	0.33	-0.14	-4.68
11,857.00	3.65	246.08	11,387.31	-1,840.70	1,310.12	2,257.79	0.14	0.14	-0.10
11,890.00	3.25	248.89	11,420.25	-1,841.46	1,308.29	2,257.27	1.32	-1.21	8.52
TD @ 11950.00' MD / 11480.15' TVD									
11,950.00	3.25	248.89	11,480.15	-1,842.69	1,305.11	2,256.31	0.00	0.00	0.00

Company:	Terra Energy Partners, LLP	Local Co-ordinate Reference:	Well RG 442-18-297
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Well:	RG 442-18-297	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)	
88.00	88.00	0.09	0.10	KOP @ 88.00' MD / 88.00' TVD
3,260.00	2,954.18	-980.43	769.54	Gyro Tie-in @ 3260.00' MD / 2954.18' TVD
11,950.00	11,480.15	-1,842.69	1,305.11	TD @ 11950.00' MD / 11480.15' TVD

Checked By: _____	Approved By: _____	Date: _____
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