

Sec 18, T2S, R97W
RG 544-7-297
Q210071 & RM-210063
Plan 1

Company Name: Terra Energy Partners, LLP
RG 544-7-297
Rio Blanco County, CO
Rig: KB=30" @ 6650.90usft (H&P #329)
Created by: Chase Chambers
Date: 2:40, July 27 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 544-7-297

Ground Elevation: 6620.90

+N/-S

+E/-W

Northing

Easting

Latitude

Longitude

0.00

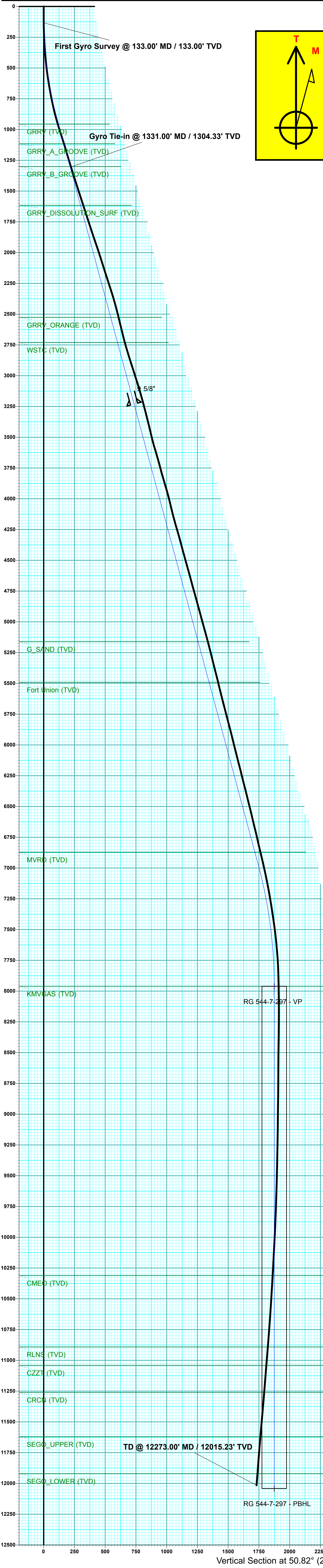
0.00

1758396.10

2207930.10

39.881828

-108.322689



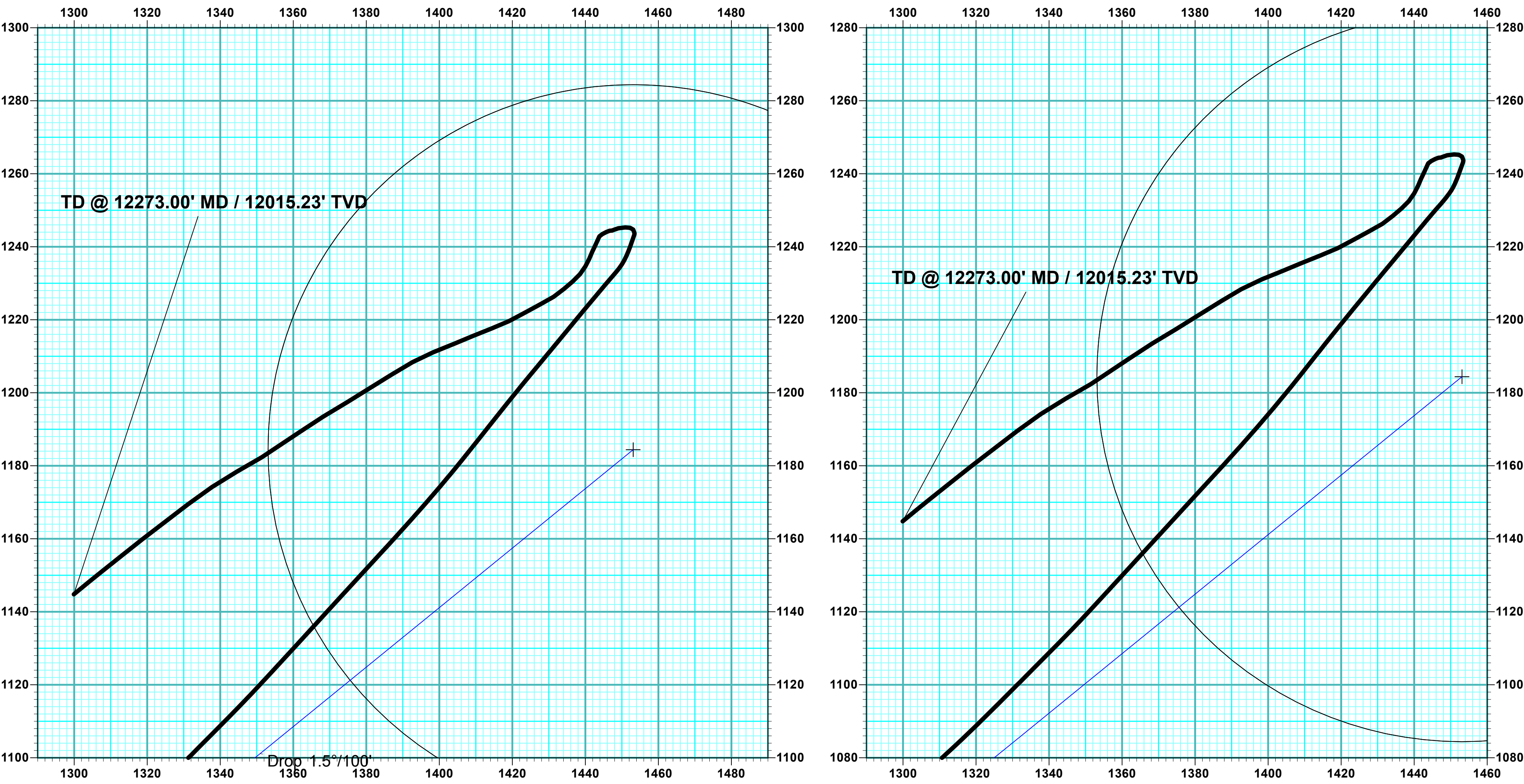
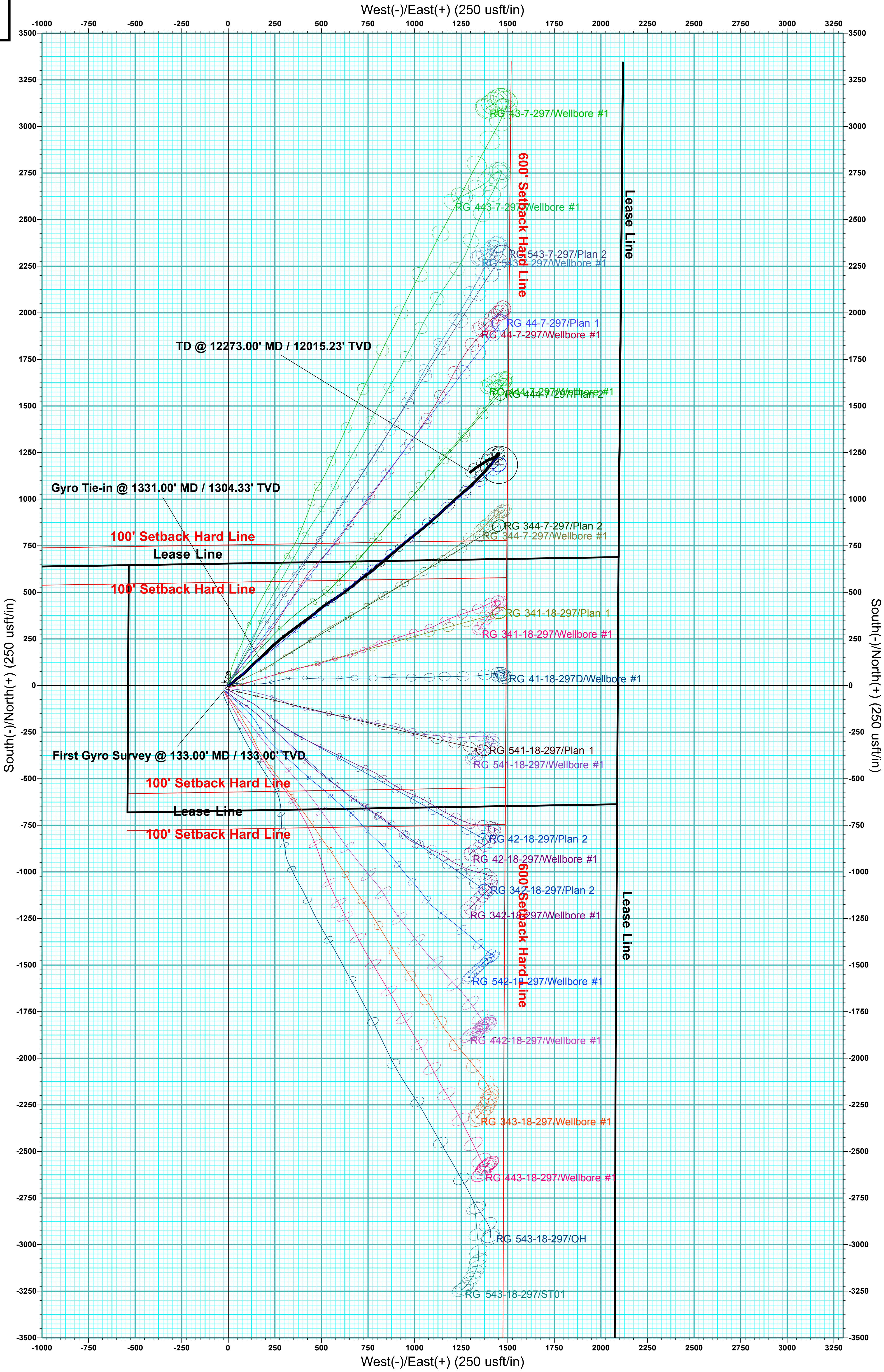
T

M

Azimuths to True North
Magnetic North: 9.27°

Magnetic Field
Strength: 51204.4nT
Dip Angle: 65.85°
Date: 7/19/2021
Model: HDGM2021

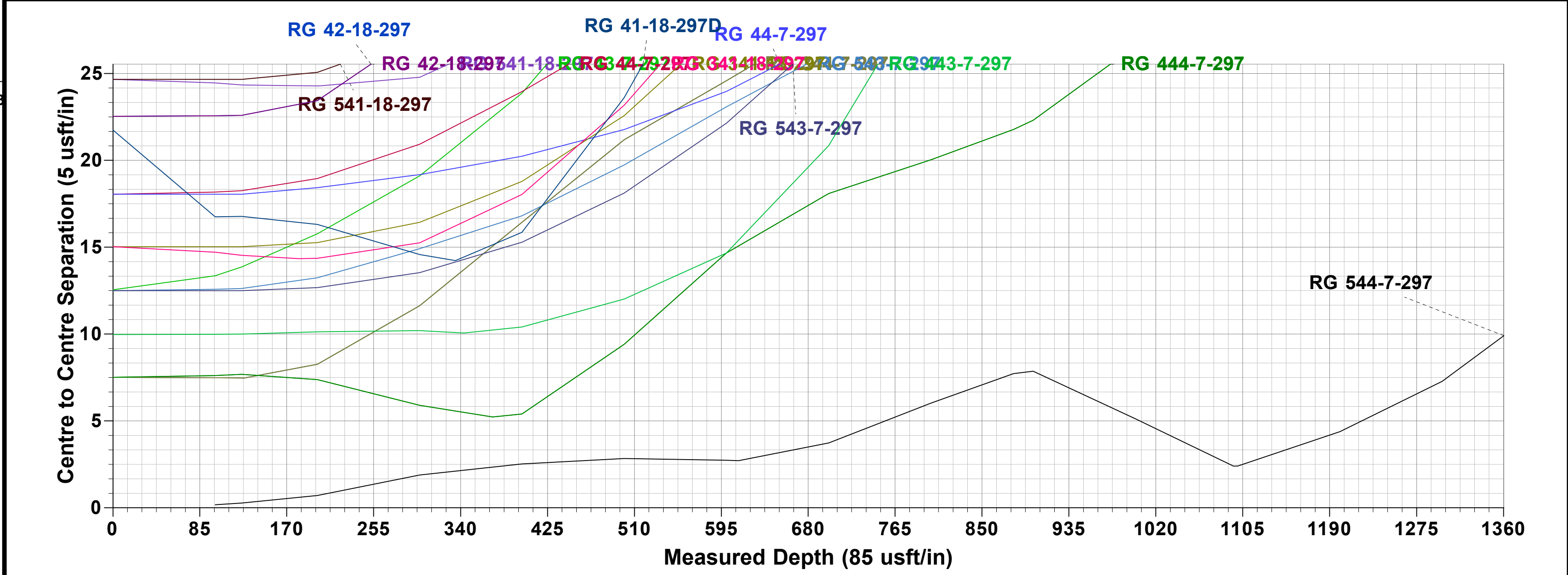
DESIGN TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude
RG 544-7-297 - VP	7961.00	1184.41	1453.11	1759534.80	2209419.30	39.885080
RG 544-7-297 - PBHL	12041.00	1184.41	1453.11	1759534.80	2209419.30	39.885080
Longitude						
-108.317511						



ANNOTATIONS							
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSecDeparture	Annotation
133.00	0.26	71.89	133.00	0.00	0.26	0.30	First Gyro Survey @ 133.00' MD / 133.00' TVD
1331.00	17.45	47.01	1304.33	144.69	168.15	221.78	Gyro Tie-in @ 1331.00' MD / 1304.33' TVD
12273.00	4.70	230.37	12015.23	1144.79	1299.91	1730.88	TD @ 12273.00' MD / 12015.23' TVD

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
956.00	967.70	GRRV (TVD)
1116.00	1133.42	GRRV_A_GROOVE (TVD)
1301.00	1325.04	GRRV_B_GROOVE (TVD)
1616.00	1651.30	GRRV DISSOLUTION_SURF (TVD)
2526.00	2593.83	GRRV_ORANGE (TVD)
2731.00	2806.15	WSTC (TVD)
5161.00	5323.02	G_SAND (TVD)
5491.00	5664.82	Fort Union (TVD)
6871.00	7094.15	MVRD (TVD)
7961.00	8199.16	KMGAS (TVD)
10311.00	10549.16	CME0 (TVD)
10891.00	11129.16	RLNS (TVD)
11041.00	11279.16	CZZT (TVD)
11261.00	11499.16	CRCN (TVD)
11621.00	11859.16	SEG0_UPPER (TVD)
11921.00	12159.16	SEG0_LOWER (TVD)

SLOTS				
Slot Name	+N/-S	+E/-W	Northing	Easting
(A1) RG 443-18	-40.81	-19.04	1758355.90	2207909.80
(A2) RG 442-18	-34.01	-15.85	1758362.60	2207913.20
(A3) RG 342-18	-27.21	-12.66	1758369.30	2207916.60
(A4) RG 42-18	-20.41	-9.57	1758376.00	2207919.90
(A5) RG 341-18	-13.60	-6.38	1758382.70	2207923.30
(A6) RG 344-7	-6.80	-3.19	1758389.40	2207926.70
(A7) RG 544-7	0.00	0.00	1758396.10	2207930.10
(A8) RG 444-7	6.80	3.19	1758402.80	2207933.50
(A9) RG 41-18	14.23	8.75	1758410.05	2207936.29
(B1) RG 543-18	-36.59	-28.08	1758360.40	2207900.90
(B2) RG 343-18	-29.79	-24.99	1758367.10	2207904.20
(B3) RG 542-18	-22.99	-21.80	1758373.80	2207907.60
(B4) RG 541-18	-16.19	-18.61	1758380.50	2207911.00
(B5) RG 44-7	-9.38	-15.42	1758387.20	2207914.40
(B6) RG 543-7	-2.58	-12.23	1758393.90	2207917.80
(B7) RG 443-7	4.22	-9.04	1758400.60	2207921.20
(B8) RG 43-7	11.08	-5.88	1758407.36	2207924.57



DESIGN ANNOTATIONS							
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSecDeparture	Annotation
126.00	0.00	0.00	126.00	0.00	0.00	0.00	Build 2\"/>



Terra Energy Partners, LLP

Rio Blanco County, CO

Sec 18, T2S, R97W

RG 544-7-297

Wellbore #1

Design: Wellbore #1

KLX Survey Report

27 July, 2021



Company:	Terra Energy Partners, LLP	Local Co-ordinate Reference:	Well RG 544-7-297
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 544-7-297	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 544-7-297					
Well Position	+N/-S	0.00 usft	Northing:	1,758,396.10 usft	Latitude:	39.881829
	+E/-W	0.00 usft	Easting:	2,207,930.10 usft	Longitude:	-108.322689
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	7/19/2021	9.27	65.85	51,204.40000000

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	50.82	

Survey Program	Date	7/27/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
133.00	1,331.00	Gyro's (Wellbore #1)	GYRO-NS	OWSG Gyrocompass Gyro	
1,463.00	12,273.00	KLX MWD (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
First Gyro Survey @ 133.00' MD / 133.00' TVD									
133.00	0.26	71.89	133.00	0.09	0.29	0.28	0.20	0.20	0.00
227.00	2.55	66.80	226.97	0.98	2.41	2.49	2.44	2.44	-5.41
321.00	3.87	59.50	320.82	3.42	7.07	7.64	1.47	1.40	-7.77
415.00	4.93	54.84	414.54	7.35	13.10	14.80	1.19	1.13	-4.96
508.00	6.77	47.99	507.05	13.32	20.44	24.26	2.11	1.98	-7.37
602.00	9.15	45.00	600.14	22.32	29.85	37.24	2.57	2.53	-3.18
695.00	10.21	51.15	691.82	32.72	41.50	52.84	1.59	1.14	6.61
769.00	11.75	56.00	764.46	41.05	52.85	66.90	2.43	2.08	6.55

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Site:	Sec 18, T2S, R97W	MD Reference:	KB=30' @ 6650.90usft (H&P #329)
Well:	RG 544-7-297	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)
862.00	13.51	51.49	855.21	53.11	69.20	87.19	2.17	1.89	-4.85
956.00	17.01	47.06	945.88	69.32	87.87	111.90	3.92	3.72	-4.71
1,050.00	17.61	44.32	1,035.63	88.86	107.87	139.75	1.08	0.64	-2.91
1,143.00	17.24	48.43	1,124.36	108.07	128.01	167.50	1.38	-0.40	4.42
1,237.00	16.26	47.53	1,214.37	126.19	148.14	194.55	1.08	-1.04	-0.96
Gyro Tie-in @ 1331.00' MD / 1304.33' TVD									
1,331.00	17.45	47.01	1,304.33	144.69	168.15	221.76	1.28	1.27	-0.55
1,463.00	17.88	46.79	1,430.11	172.06	197.40	261.72	0.33	0.33	-0.17
1,526.00	18.06	43.72	1,490.04	185.74	211.20	281.06	1.53	0.29	-4.87
1,620.00	17.93	46.54	1,579.44	206.22	231.77	309.94	0.94	-0.14	3.00
1,714.00	18.02	48.73	1,668.85	225.77	253.20	338.90	0.73	0.10	2.33
1,808.00	18.02	51.46	1,758.24	244.42	275.50	367.97	0.90	0.00	2.90
1,902.00	18.41	52.07	1,847.53	262.60	298.58	397.35	0.46	0.41	0.65
1,996.00	19.20	52.69	1,936.52	281.09	322.58	427.64	0.87	0.84	0.66
2,091.00	17.49	53.48	2,026.68	299.06	346.48	457.51	1.82	-1.80	0.83
2,280.00	17.93	52.95	2,206.73	333.49	392.53	514.96	0.25	0.23	-0.28
2,374.00	18.19	54.71	2,296.10	350.68	416.05	544.06	0.64	0.28	1.87
2,468.00	16.04	53.74	2,385.93	366.84	438.50	571.67	2.31	-2.29	-1.03
2,561.00	14.59	51.11	2,475.63	381.80	457.98	596.21	1.73	-1.56	-2.83
2,656.00	13.36	48.91	2,567.81	396.52	475.57	619.15	1.41	-1.29	-2.32
2,749.00	13.89	49.44	2,658.19	410.84	492.14	641.05	0.59	0.57	0.57
2,844.00	15.69	54.18	2,750.05	425.78	511.23	665.27	2.28	1.89	4.99
2,938.00	17.67	57.79	2,840.09	440.82	533.61	692.13	2.38	2.11	3.84
3,032.00	17.84	56.73	2,929.61	456.32	557.72	720.61	0.39	0.18	-1.13
3,126.00	17.84	55.85	3,019.09	472.31	581.67	749.27	0.29	0.00	-0.94
3,221.00	16.44	55.24	3,109.87	488.14	604.76	777.17	1.49	-1.47	-0.64
3,259.00	16.22	54.36	3,146.34	494.30	613.49	787.83	0.87	-0.58	-2.32
3,340.00	14.72	52.42	3,224.40	507.17	630.84	809.41	1.96	-1.85	-2.40
3,434.00	14.63	53.39	3,315.34	521.53	649.83	833.21	0.28	-0.10	1.03
3,529.00	13.62	53.30	3,407.46	535.37	668.43	856.37	1.06	-1.06	-0.09
3,623.00	13.45	44.69	3,498.86	549.76	685.00	878.30	2.15	-0.18	-9.16
3,718.00	17.01	54.97	3,590.53	565.60	704.15	903.16	4.69	3.75	10.82
3,812.00	15.60	54.62	3,680.74	580.81	725.72	929.48	1.50	-1.50	-0.37
3,906.00	14.81	52.07	3,771.45	595.51	745.50	954.11	1.10	-0.84	-2.71
4,000.00	17.01	51.63	3,861.85	611.43	765.76	979.87	2.34	2.34	-0.47
4,094.00	15.56	51.37	3,952.07	627.84	786.39	1,006.22	1.54	-1.54	-0.28
4,188.00	13.14	48.91	4,043.13	642.73	804.29	1,029.51	2.65	-2.57	-2.62
4,282.00	14.46	50.05	4,134.42	657.29	821.34	1,051.93	1.43	1.40	1.21
4,377.00	16.35	49.35	4,226.00	673.62	840.58	1,077.16	2.00	1.99	-0.74
4,471.00	15.78	49.70	4,316.33	690.51	860.37	1,103.16	0.62	-0.61	0.37
4,564.00	14.50	49.70	4,406.10	706.22	878.89	1,127.45	1.38	-1.38	0.00
4,659.00	15.95	49.52	4,497.76	722.38	897.89	1,152.39	1.53	1.53	-0.19
4,752.00	15.51	48.38	4,587.28	738.94	916.91	1,177.59	0.58	-0.47	-1.23

Company:	Terra Energy Partners, LLP	Local Co-ordinate Reference:	Well RG 544-7-297
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 544-7-297	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)
4,846.00	14.85	48.64	4,678.00	755.25	935.35	1,202.18	0.71	-0.70	0.28
4,940.00	16.04	51.11	4,768.61	771.36	954.50	1,227.21	1.45	1.27	2.63
5,035.00	15.29	51.55	4,860.08	787.39	974.52	1,252.86	0.80	-0.79	0.46
5,129.00	14.77	51.37	4,950.86	802.58	993.59	1,277.23	0.56	-0.55	-0.19
5,223.00	16.04	51.37	5,041.48	818.17	1,013.09	1,302.20	1.35	1.35	0.00
5,317.00	14.55	51.11	5,132.15	833.69	1,032.43	1,326.99	1.59	-1.59	-0.28
5,411.00	14.90	50.14	5,223.06	848.85	1,050.90	1,350.89	0.46	0.37	-1.03
5,505.00	13.36	49.52	5,314.22	863.64	1,068.44	1,373.83	1.65	-1.64	-0.66
5,599.00	14.85	49.79	5,405.38	878.47	1,085.90	1,396.73	1.59	1.59	0.29
5,694.00	13.27	47.33	5,497.53	893.72	1,103.21	1,419.79	1.78	-1.66	-2.59
5,788.00	14.37	47.85	5,588.81	908.86	1,119.79	1,442.21	1.18	1.17	0.55
5,882.00	14.55	46.45	5,679.83	924.82	1,137.00	1,465.63	0.42	0.19	-1.49
5,976.00	14.37	48.64	5,770.85	940.67	1,154.31	1,489.06	0.61	-0.19	2.33
6,070.00	15.03	47.33	5,861.78	956.64	1,172.03	1,512.88	0.79	0.70	-1.39
6,165.00	13.84	46.62	5,953.78	972.79	1,189.35	1,536.51	1.27	-1.25	-0.75
6,259.00	13.67	49.61	6,045.08	987.71	1,205.98	1,558.83	0.78	-0.18	3.18
6,353.00	15.03	48.56	6,136.15	1,002.97	1,223.58	1,582.11	1.47	1.45	-1.12
6,448.00	13.58	47.41	6,228.20	1,018.67	1,241.02	1,605.55	1.56	-1.53	-1.21
6,542.00	14.85	48.91	6,319.32	1,034.06	1,258.23	1,628.61	1.41	1.35	1.60
6,636.00	13.45	49.26	6,410.46	1,049.11	1,275.59	1,651.58	1.49	-1.49	0.37
6,730.00	14.41	48.73	6,501.70	1,063.96	1,292.66	1,674.19	1.03	1.02	-0.56
6,824.00	12.83	48.03	6,593.05	1,078.66	1,309.21	1,696.31	1.69	-1.68	-0.74
6,918.00	14.33	44.95	6,684.42	1,093.87	1,325.19	1,718.31	1.77	1.60	-3.28
7,013.00	12.52	44.78	6,776.82	1,109.50	1,340.75	1,740.24	1.91	-1.91	-0.18
7,107.00	13.97	42.49	6,868.32	1,125.10	1,355.60	1,761.60	1.64	1.54	-2.44
7,202.00	13.05	42.49	6,960.69	1,141.47	1,370.59	1,783.56	0.97	-0.97	0.00
7,296.00	12.04	42.67	7,052.45	1,156.50	1,384.40	1,803.77	1.08	-1.07	0.19
7,391.00	11.07	41.00	7,145.52	1,170.67	1,397.10	1,822.56	1.08	-1.02	-1.76
7,485.00	9.93	38.36	7,237.95	1,183.84	1,408.05	1,839.37	1.32	-1.21	-2.81
7,579.00	9.18	38.63	7,330.64	1,196.05	1,417.76	1,854.61	0.80	-0.80	0.29
7,673.00	8.26	39.68	7,423.55	1,207.11	1,426.75	1,868.57	0.99	-0.98	1.12
7,768.00	7.43	39.68	7,517.66	1,217.08	1,435.03	1,881.29	0.87	-0.87	0.00
7,862.00	5.19	39.42	7,611.09	1,225.05	1,441.61	1,891.42	2.38	-2.38	-0.28
7,956.00	5.14	41.35	7,704.71	1,231.49	1,447.10	1,899.74	0.19	-0.05	2.05
8,050.00	2.55	25.97	7,798.49	1,236.53	1,450.79	1,905.80	2.94	-2.76	-16.36
8,145.00	1.80	18.85	7,893.42	1,239.85	1,452.20	1,908.98	0.84	-0.79	-7.49
8,239.00	1.23	21.75	7,987.39	1,242.18	1,453.05	1,911.11	0.61	-0.61	3.09
8,333.00	0.75	6.46	8,081.37	1,243.73	1,453.50	1,912.44	0.58	-0.51	-16.27
8,428.00	0.70	308.27	8,176.37	1,244.71	1,453.11	1,912.75	0.74	-0.05	-61.25
8,522.00	0.53	289.64	8,270.36	1,245.21	1,452.25	1,912.40	0.28	-0.18	-19.82
8,616.00	1.10	267.49	8,364.35	1,245.31	1,450.94	1,911.46	0.68	0.61	-23.56
8,710.00	1.23	258.18	8,458.33	1,245.07	1,449.05	1,909.84	0.24	0.14	-9.90
8,804.00	0.31	221.61	8,552.32	1,244.67	1,447.89	1,908.69	1.06	-0.98	-38.90
8,898.00	0.44	264.32	8,646.32	1,244.45	1,447.37	1,908.14	0.32	0.14	45.44

Company:	Terra Energy Partners, LLP	Local Co-ordinate Reference:	Well RG 544-7-297
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 544-7-297	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)
8,992.00	0.44	267.58	8,740.32	1,244.40	1,446.65	1,907.55	0.03	0.00	3.47
9,086.00	0.70	236.91	8,834.31	1,244.07	1,445.80	1,906.69	0.42	0.28	-32.63
9,181.00	0.83	247.01	8,929.30	1,243.48	1,444.68	1,905.45	0.20	0.14	10.63
9,275.00	0.48	207.90	9,023.30	1,242.87	1,443.87	1,904.43	0.58	-0.37	-41.61
9,369.00	0.83	203.57	9,117.29	1,241.89	1,443.42	1,903.46	0.38	0.37	-4.61
9,463.00	1.23	205.27	9,211.28	1,240.36	1,442.71	1,901.95	0.43	0.43	1.81
9,557.00	1.14	205.53	9,305.26	1,238.60	1,441.88	1,900.19	0.10	-0.10	0.28
9,651.00	1.41	200.96	9,399.23	1,236.68	1,441.06	1,898.34	0.31	0.29	-4.86
9,740.00	1.54	211.95	9,488.20	1,234.64	1,440.04	1,896.26	0.35	0.15	12.35
9,834.00	1.63	217.57	9,582.17	1,232.51	1,438.56	1,893.77	0.19	0.10	5.98
9,928.00	1.85	231.46	9,676.13	1,230.50	1,436.55	1,890.95	0.50	0.23	14.78
10,023.00	1.98	227.69	9,771.07	1,228.44	1,434.14	1,887.78	0.19	0.14	-3.97
10,117.00	2.33	236.91	9,865.01	1,226.31	1,431.34	1,884.25	0.52	0.37	9.81
10,211.00	2.86	243.94	9,958.91	1,224.23	1,427.63	1,880.07	0.66	0.56	7.48
10,305.00	2.94	238.66	10,052.79	1,221.95	1,423.47	1,875.40	0.30	0.09	-5.62
10,399.00	3.12	245.34	10,146.66	1,219.63	1,419.08	1,870.53	0.42	0.19	7.11
10,493.00	3.25	248.51	10,240.51	1,217.59	1,414.28	1,865.52	0.23	0.14	3.37
10,587.00	3.38	247.89	10,334.36	1,215.57	1,409.23	1,860.33	0.14	0.14	-0.66
10,682.00	3.52	247.10	10,429.18	1,213.38	1,403.95	1,854.86	0.16	0.15	-0.83
10,777.00	3.78	248.86	10,523.99	1,211.11	1,398.34	1,849.08	0.30	0.27	1.85
10,871.00	3.91	239.98	10,617.78	1,208.39	1,392.68	1,842.97	0.65	0.14	-9.45
10,965.00	4.26	238.58	10,711.54	1,204.97	1,386.92	1,836.34	0.39	0.37	-1.49
11,058.00	4.26	237.87	10,804.28	1,201.33	1,381.05	1,829.49	0.06	0.00	-0.76
11,152.00	4.70	238.14	10,898.00	1,197.44	1,374.82	1,822.21	0.47	0.47	0.29
11,246.00	4.66	239.90	10,991.68	1,193.49	1,368.25	1,814.62	0.16	-0.04	1.87
11,340.00	4.57	233.48	11,085.38	1,189.35	1,361.94	1,807.11	0.56	-0.10	-6.83
11,436.00	4.70	239.10	11,179.07	1,185.21	1,355.46	1,799.57	0.30	0.08	3.60
11,530.00	4.97	240.95	11,272.76	1,181.06	1,348.99	1,791.94	0.33	0.29	1.97
11,624.00	4.97	235.36	11,366.45	1,176.91	1,342.52	1,784.31	0.52	0.00	-6.01
11,718.00	4.83	233.39	11,460.14	1,172.76	1,336.05	1,776.68	0.23	-0.15	-2.10
11,812.00	4.83	231.55	11,553.83	1,168.61	1,329.58	1,769.05	0.08	0.00	-0.98
11,906.00	4.26	231.63	11,647.52	1,164.46	1,323.11	1,761.42	0.60	-0.60	0.08
12,000.00	4.26	231.37	11,741.21	1,160.31	1,316.64	1,753.79	0.02	0.00	-0.28
12,094.00	4.70	230.75	11,835.00	1,156.16	1,310.17	1,746.16	0.87	0.86	-1.22
TD @ 12273.00' MD / 12015.23' TVD									
12,273.00	4.70	230.37	12,015.23	1,144.79	1,299.91	1,730.88	0.05	0.00	-0.56

Company:	Terra Energy Partners, LLP	Local Co-ordinate Reference:	Well RG 544-7-297
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 544-7-297	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	0.09	0.29	First Gyro Survey @ 133.00' MD / 133.00' TVD
1,331.00	1,304.33	144.69	168.15	Gyro Tie-in @ 1331.00' MD / 1304.33' TVD
12,273.00	12,015.23	1,144.79	1,299.91	TD @ 12273.00' MD / 12015.23' TVD

Checked By: _____	Approved By: _____	Date: _____
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