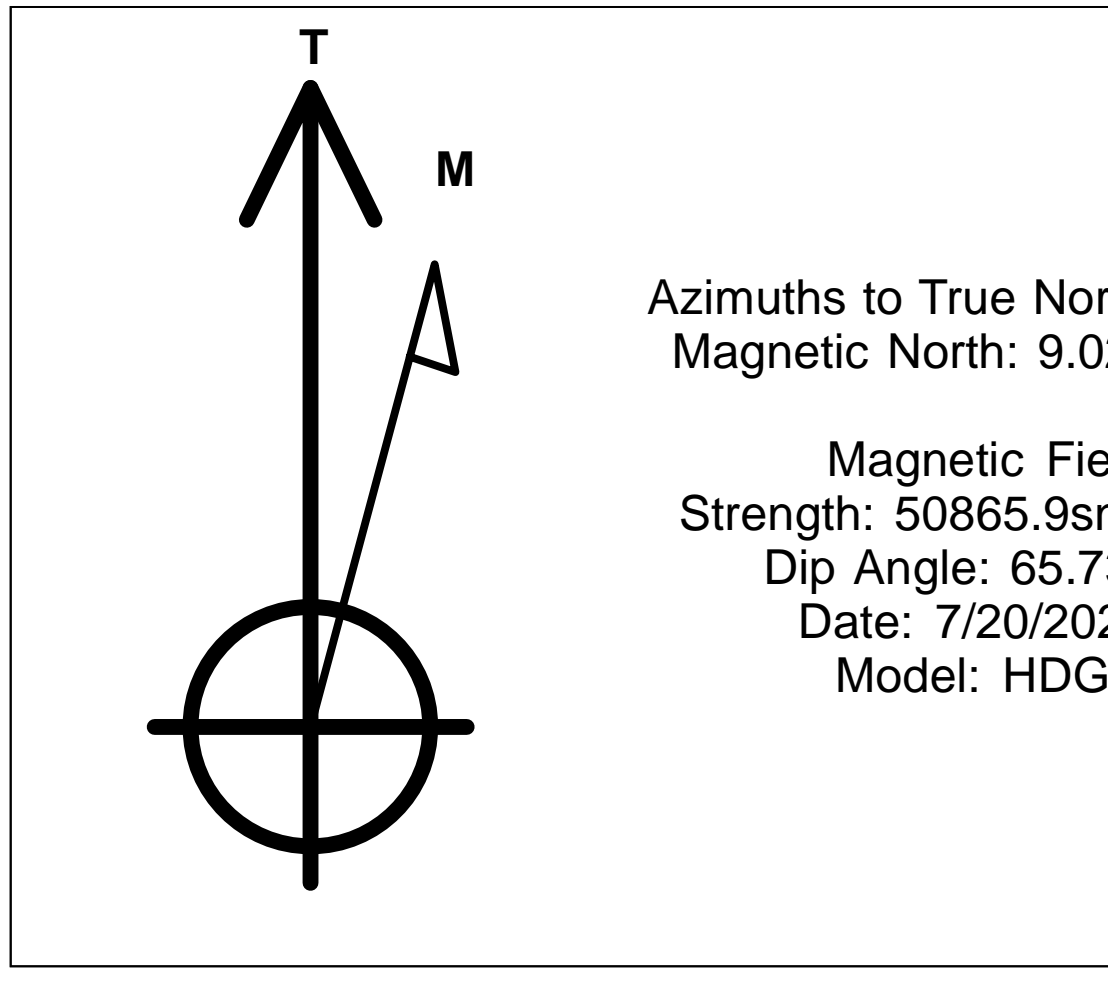


RG 11-13-298 Pad
 RG 322-13-298 (05-103-12602)
 Well RG 322-13-298 - Slot RG 322-13-298, True North
 Surveys

TEP ROCKY MOUNTAIN LLC
 RG 322-13-298
 Rio Blanco County, CO RKB
 @ 30' @ 6648.00ft

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 322-13-298							
+N/-S	+E/-W	Northing	Ground Level:	6618.00	Longitude	Slot	
0.00	0.00	1758728.160	Easting	2201247.140	-108.346527	RG 322-13-298	
			Latitude	39.882167			

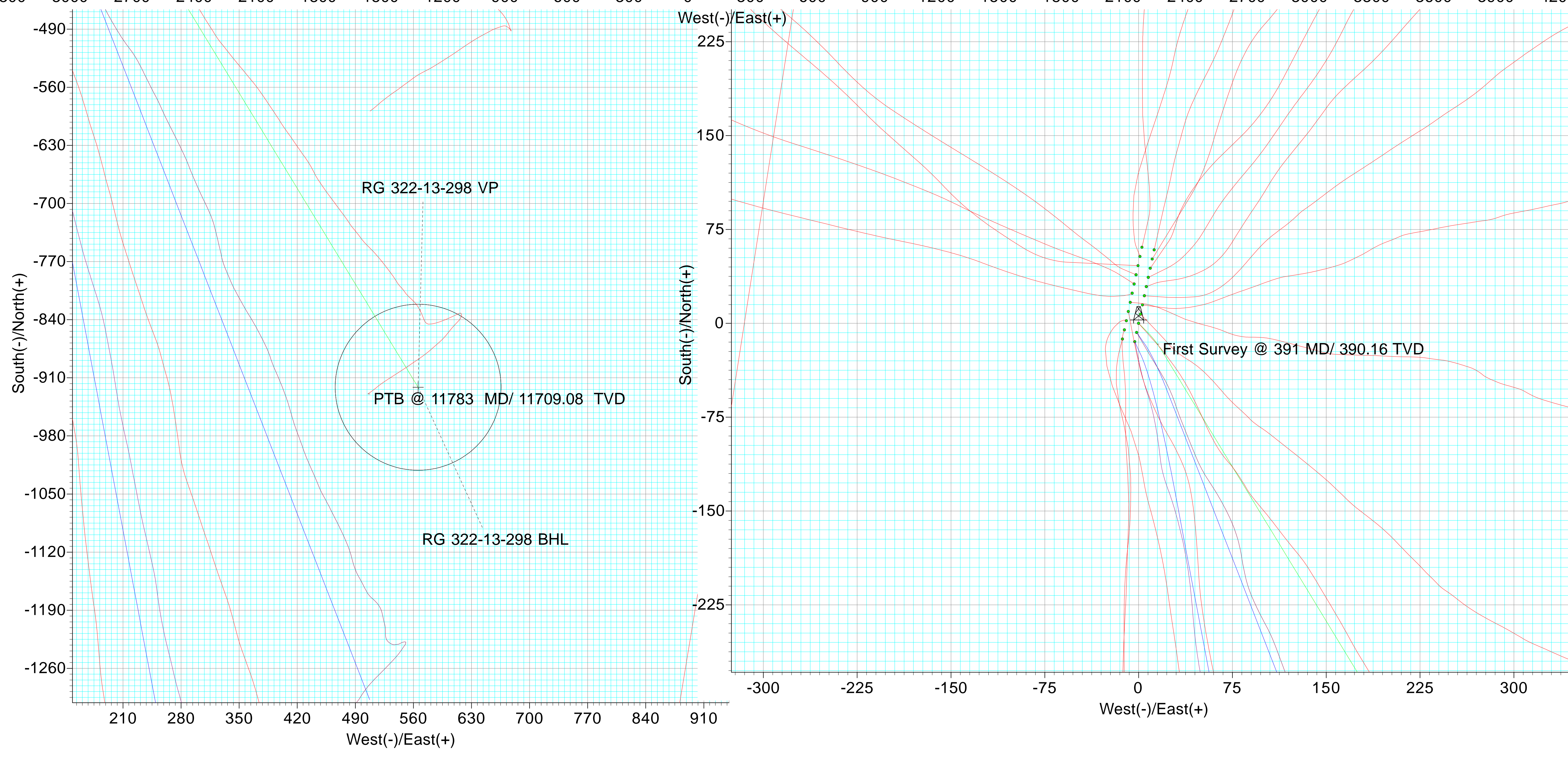
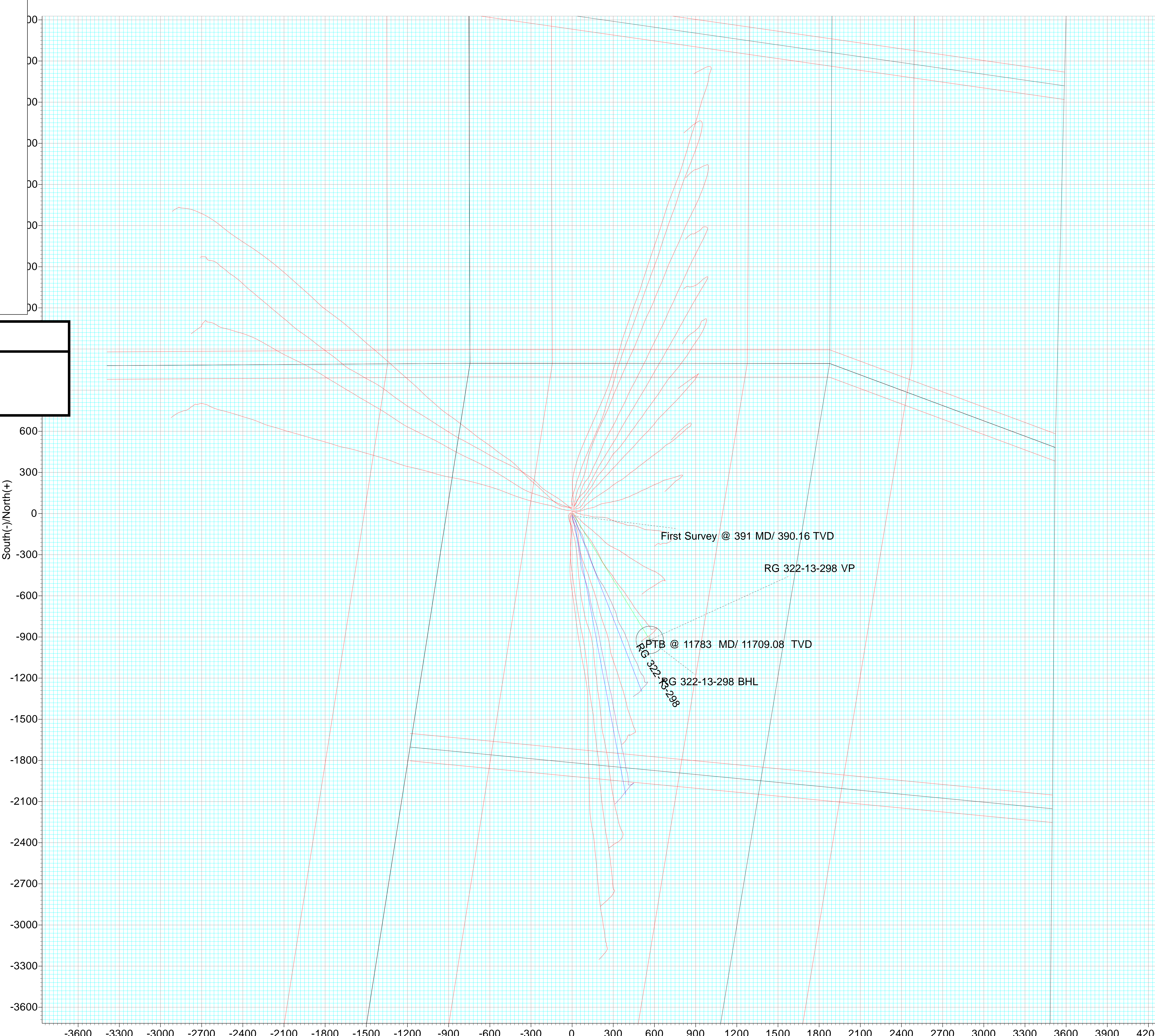
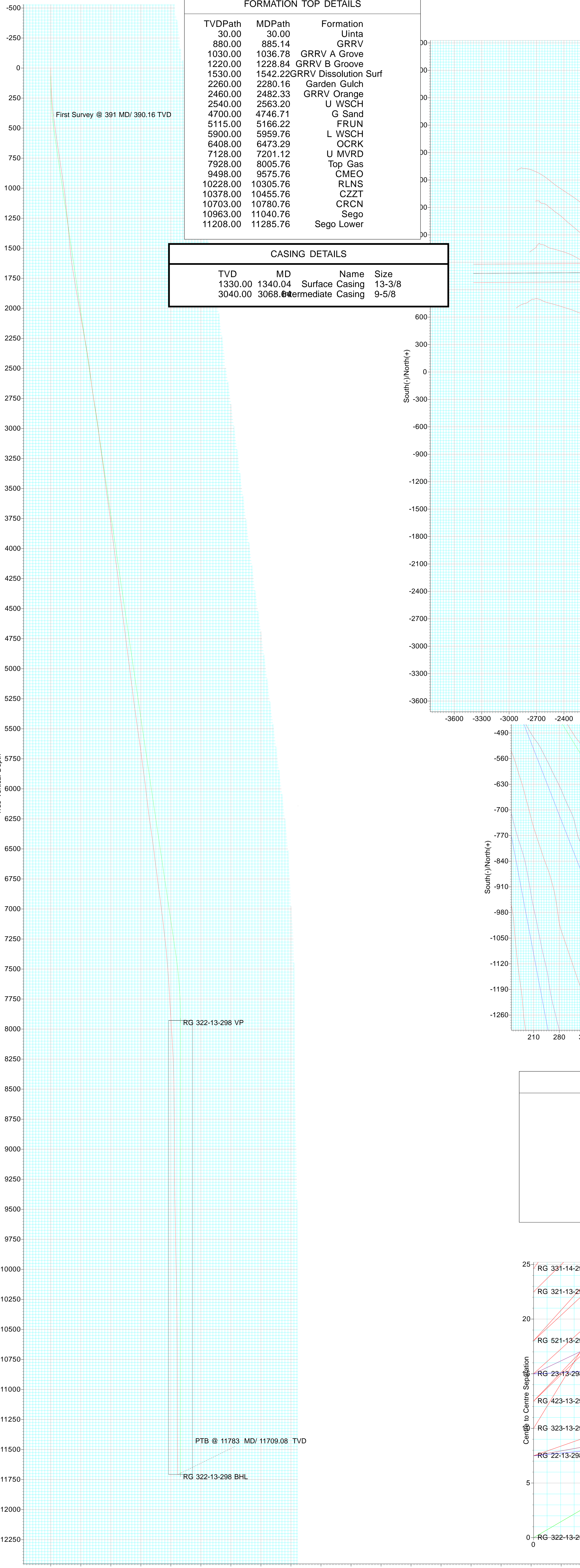
SLOTS					
Slot Name	+N/-S	+E/-W	Northing	Easting	
RG 21-13-298	29.34	6.21	1758757.290	2201254.270	
RG 22-13-298	7.33	1.56	1758735.440	2201248.930	
RG 23-13-298	-14.66	-3.10	1758713.600	2201243.580	
RG 24-12-298	58.68	12.44	1758786.420	2201261.410	
RG 321-13-298	22.01	4.66	1758750.010	2201252.490	
RG 322-13-298	0.00	0.00	1758728.160	2201247.140	
RG 323-13-298	2.07	-9.78	1758730.540	2201237.430	
RG 324-12-298	51.35	10.88	1758779.140	2201259.620	
RG 331-14-298	24.08	-5.12	1758752.390	2201242.780	
RG 334-11-298	38.75	-2.00	1758766.950	2201246.350	
RG 34-11-298	46.09	-0.45	1758774.240	2201248.130	
RG 421-13-298	14.67	3.11	1758742.730	2201250.710	
RG 422-13-298	-7.33	-1.55	1758720.880	2201245.360	
RG 423-12-298	60.75	2.66	1758788.800	2201251.700	
RG 423-13-298	-5.26	-11.33	1758723.260	2201235.650	
RG 424-12-298	44.01	9.33	1758771.860	2201257.840	
RG 434-11-298	31.41	-3.57	1758759.670	2201244.560	
RG 521-13-298	16.74	-6.67	1758745.100	2201241.000	
RG 522-13-298	9.41	-8.22	1758737.820	2201239.220	
RG 523-12-298	53.42	1.10	1758781.520	2201249.910	
RG 523-13-298	-12.60	-12.88	1758715.970	2201233.870	
RG 524-12-298	36.68	7.77	1758764.580	2201256.060	

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
VP	7928.00	-921.37	565.64	1757789.524	2201783.636	39.879638	-108.344511
BHL	1708.00	-921.37	565.64	1757789.524	2201783.636	39.879638	-108.344511

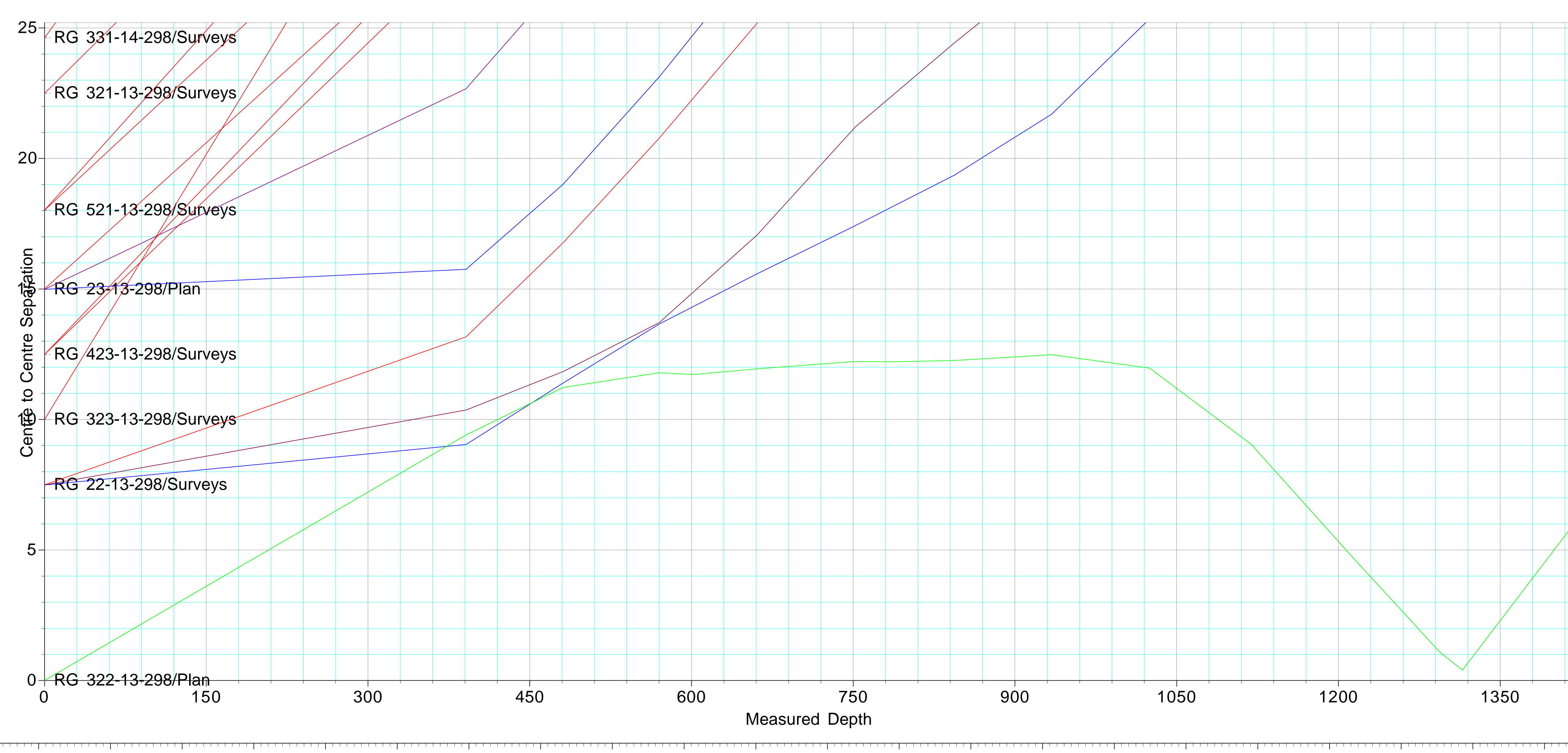
ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation	
390.16	391.00	6.50	138.40	-16.57	14.71	21.81	22.15	First Survey @ 391 MD/ 390.16 TVD	
11709.08	11783.00	2.76	237.98	-929.36	505.11	1056.29	1222.67	PTB @ 11783 MD/ 11709.08 TVD	

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
30.00	30.00	Uinta
880.00	885.14	GRRV
1030.00	1036.78	GRRV A Grove
1220.00	1228.84	GRRV B Groove
1530.00	1542.22	GRRV Dissolution Surf
2260.00	2280.16	Garden Gulch
2460.00	2482.33	GRRV Orange
2540.00	2563.20	U WSCH
4700.00	4746.71	G Sand
5115.00	5166.22	FRUN
5900.00	5959.76	L WSCH
6408.00	6473.29	OCRK
7128.00	7201.12	U MVRD
7928.00	8005.76	Top Gas
9498.00	9575.76	CME0
10228.00	10305.76	RLNS
10378.00	10455.76	CZZT
10703.00	10780.76	CRCN
10963.00	11040.76	Sego
11208.00	11285.76	Sego Lower

CASING DETAILS				
TVD	MD	Name	Size	
1330.00	1340.04	Surface Casing	13-3/8	
3040.00	3068.04	Intermediate Casing	9-5/8	



ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation	
390.16	391.00	6.50	138.40	-16.57	14.71	21.81	22.15	First Survey @ 391 MD/ 390.16 TVD	
11709.08	11783.00	2.76	237.98	-929.36	505.11	1056.29	1222.67	PTB @ 11783 MD/ 11709.08 TVD	



TEP ROCKY MOUNTAIN LLC

Rio Blanco County, CO

RG 11-13-298 Pad

RG 322-13-298 - Slot RG 322-13-298

OWB

05-103-12602

Design: Surveys

Standard Survey Report

03 March, 2025



Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 322-13-298 - Slot RG 322-13-298
Project:	Rio Blanco County, CO	TVD Reference:	RKB @ 30' @ 6648.00ft
Site:	RG 11-13-298 Pad	MD Reference:	RKB @ 30' @ 6648.00ft
Well:	RG 322-13-298	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	NN

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	RG 11-13-298 Pad				
Site Position:		Northing:	1,758,713.600 usft	Latitude:	39.882127
From:	Map	Easting:	2,201,243.580 usft	Longitude:	-108.346538
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	-1.80 °

Well	RG 322-13-298 - Slot RG 322-13-298					
Well Position	+N/-S	0.00 ft	Northing:	1,758,728.160 usft	Latitude:	39.882167
	+E/-W	0.00 ft	Easting:	2,201,247.140 usft	Longitude:	-108.346527
Position Uncertainty		0.00 ft	Wellhead Elevation:	6,648.00 ft	Ground Level:	6,618.00 ft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	7/20/2024	9.02	65.73	50,866

Design	Surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	148.45	

Survey Program	Date	2/15/2025			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
391.00	11,783.00	Surveys (OWB)	OWSG (REV5) MWD HDGM	OWSG MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	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
391.00	6.50	138.40	390.16	-16.57	14.71	21.81	1.66	1.66	0.00
481.00	8.17	142.53	479.42	-25.45	21.98	33.19	1.94	1.86	4.59
570.00	8.08	144.46	567.53	-35.56	29.47	45.72	0.32	-0.10	2.17
661.00	8.87	149.47	657.54	-46.81	36.75	59.12	1.19	0.87	5.51
752.00	8.52	153.87	747.49	-58.90	43.28	72.84	0.83	-0.38	4.84
844.00	8.61	155.37	838.47	-71.28	49.15	86.46	0.26	0.10	1.63
934.00	8.56	155.10	927.46	-83.48	54.78	99.80	0.07	-0.06	-0.30
1,025.00	7.51	150.79	1,017.56	-94.82	60.53	112.47	1.33	-1.15	-4.74
1,119.00	5.75	144.38	1,110.93	-104.01	66.27	123.31	2.03	-1.87	-6.82

Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 322-13-298 - Slot RG 322-13-298
Project:	Rio Blanco County, CO	TVD Reference:	RKB @ 30' @ 6648.00ft
Site:	RG 11-13-298 Pad	MD Reference:	RKB @ 30' @ 6648.00ft
Well:	RG 322-13-298	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	NN

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
1,213.00	6.10	138.66	1,204.43	-111.58	72.31	132.93	0.73	0.37	-6.09	
1,294.00	5.71	145.26	1,285.00	-118.13	77.45	141.19	0.97	-0.48	8.15	
1,479.00	4.74	150.18	1,469.23	-132.32	86.50	158.02	0.58	-0.52	2.66	
1,571.00	6.76	141.13	1,560.77	-139.84	91.79	167.19	2.40	2.20	-9.84	
1,662.00	8.74	140.07	1,650.93	-149.31	99.59	179.35	2.18	2.18	-1.16	
1,755.00	9.49	142.53	1,742.76	-160.81	108.79	193.96	0.91	0.81	2.65	
1,847.00	9.75	141.65	1,833.46	-172.94	118.23	209.24	0.32	0.28	-0.96	
1,938.00	9.62	140.60	1,923.17	-184.86	127.84	224.43	0.24	-0.14	-1.15	
2,030.00	9.97	148.33	2,013.83	-197.58	136.90	240.01	1.48	0.38	8.40	
2,121.00	10.06	149.39	2,103.44	-211.12	145.09	255.83	0.23	0.10	1.16	
2,212.00	10.50	149.21	2,192.98	-225.09	153.38	272.07	0.48	0.48	-0.20	
2,304.00	10.19	150.35	2,283.48	-239.36	161.69	288.58	0.40	-0.34	1.24	
2,395.00	9.31	151.41	2,373.17	-252.82	169.20	303.98	0.99	-0.97	1.16	
2,487.00	8.21	148.86	2,464.10	-264.98	176.16	317.98	1.27	-1.20	-2.77	
2,579.00	6.76	148.86	2,555.31	-275.23	182.35	329.96	1.58	-1.58	0.00	
2,671.00	7.55	152.29	2,646.59	-285.22	187.97	341.41	0.98	0.86	3.73	
2,762.00	9.18	154.48	2,736.62	-297.06	193.87	354.59	1.82	1.79	2.41	
2,853.00	9.27	155.28	2,826.44	-310.27	200.07	369.09	0.17	0.10	0.88	
2,945.00	8.52	153.78	2,917.34	-323.12	206.18	383.23	0.85	-0.82	-1.63	
3,036.00	7.60	155.28	3,007.44	-334.63	211.67	395.92	1.04	-1.01	1.65	
3,165.00	6.72	151.14	3,135.43	-348.99	218.88	411.93	0.79	-0.68	-3.21	
3,257.00	8.52	148.51	3,226.62	-359.52	225.04	424.12	1.99	1.96	-2.86	
3,350.00	7.60	143.32	3,318.70	-370.32	232.31	437.14	1.26	-0.99	-5.58	
3,441.00	7.20	147.72	3,408.94	-379.97	238.95	448.84	0.76	-0.44	4.84	
3,532.00	7.20	147.63	3,499.22	-389.61	245.05	460.24	0.01	0.00	-0.10	
3,623.00	8.61	143.50	3,589.36	-399.90	252.16	472.73	1.67	1.55	-4.54	
3,715.00	7.91	140.86	3,680.40	-410.35	260.25	485.86	0.87	-0.76	-2.87	
3,807.00	7.42	140.16	3,771.58	-419.82	268.05	498.02	0.54	-0.53	-0.76	
3,898.00	6.76	141.13	3,861.88	-428.50	275.18	509.14	0.74	-0.73	1.07	
3,990.00	8.30	142.53	3,953.09	-437.99	282.61	521.12	1.69	1.67	1.52	
4,081.00	7.11	138.75	4,043.26	-447.44	290.32	533.21	1.42	-1.31	-4.15	
4,172.00	8.26	151.50	4,133.45	-457.42	297.16	545.29	2.25	1.26	14.01	
4,264.00	7.47	149.12	4,224.59	-468.36	303.38	557.86	0.93	-0.86	-2.59	
4,356.00	6.37	148.51	4,315.91	-477.84	309.11	568.95	1.20	-1.20	-0.66	
4,447.00	7.64	147.01	4,406.23	-487.22	315.05	580.04	1.41	1.40	-1.65	
4,538.00	7.07	148.16	4,496.48	-497.05	321.29	591.69	0.65	-0.63	1.26	
4,629.00	8.04	141.21	4,586.69	-506.77	328.23	603.61	1.46	1.07	-7.64	
4,721.00	7.42	141.74	4,677.86	-516.45	335.94	615.89	0.68	-0.67	0.58	
4,812.00	6.81	141.13	4,768.16	-525.26	342.97	627.08	0.68	-0.67	-0.67	
4,903.00	7.91	139.89	4,858.41	-534.25	350.39	638.62	1.22	1.21	-1.36	
4,995.00	7.47	140.77	4,949.58	-543.73	358.25	650.81	0.50	-0.48	0.96	
5,087.00	6.98	140.07	5,040.85	-552.65	365.62	662.26	0.54	-0.53	-0.76	
5,178.00	7.77	143.94	5,131.09	-561.86	372.79	673.86	1.03	0.87	4.25	
5,270.00	6.81	145.61	5,222.35	-571.39	379.53	685.51	1.07	-1.04	1.82	

Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 322-13-298 - Slot RG 322-13-298
Project:	Rio Blanco County, CO	TVD Reference:	RKB @ 30' @ 6648.00ft
Site:	RG 11-13-298 Pad	MD Reference:	RKB @ 30' @ 6648.00ft
Well:	RG 322-13-298	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	NN

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,361.00	7.73	146.40	5,312.62	-580.94	385.97	697.02	1.02	1.01	0.87	
5,454.00	8.17	145.96	5,404.72	-591.62	393.13	709.87	0.48	0.47	-0.47	
5,545.00	7.77	148.07	5,494.84	-602.20	400.00	722.48	0.54	-0.44	2.32	
5,638.00	8.56	144.11	5,586.90	-613.15	407.38	735.67	1.04	0.85	-4.26	
5,730.00	7.82	145.43	5,677.96	-623.85	414.95	748.75	0.83	-0.80	1.43	
5,822.00	7.03	145.43	5,769.19	-633.64	421.69	760.62	0.86	-0.86	0.00	
5,913.00	8.12	144.11	5,859.40	-643.43	428.62	772.59	1.21	1.20	-1.45	
6,004.00	7.29	149.30	5,949.57	-653.60	435.34	784.77	1.19	-0.91	5.70	
6,096.00	6.45	154.22	6,040.91	-663.27	440.56	795.75	1.11	-0.91	5.35	
6,188.00	6.89	146.05	6,132.29	-672.50	445.89	806.40	1.14	0.48	-8.88	
6,281.00	7.69	145.17	6,224.54	-682.24	452.56	818.19	0.87	0.86	-0.95	
6,372.00	8.48	142.88	6,314.64	-692.59	460.09	830.95	0.94	0.87	-2.52	
6,465.00	7.99	143.85	6,406.68	-703.27	468.04	844.21	0.55	-0.53	1.04	
6,557.00	7.60	142.97	6,497.83	-713.29	475.48	856.64	0.44	-0.42	-0.96	
6,649.00	6.54	147.10	6,589.13	-722.55	481.99	867.94	1.28	-1.15	4.49	
6,741.00	7.86	139.72	6,680.40	-731.75	488.90	879.39	1.75	1.43	-8.02	
6,832.00	7.29	144.38	6,770.61	-741.19	496.28	891.30	0.92	-0.63	5.12	
6,923.00	7.86	134.36	6,860.82	-750.23	504.10	903.10	1.58	0.63	-11.01	
7,015.00	7.42	137.17	6,952.00	-758.99	512.63	915.02	0.63	-0.48	3.05	
7,107.00	7.25	140.77	7,043.25	-767.84	520.34	926.60	0.53	-0.18	3.91	
7,199.00	6.76	142.36	7,134.56	-776.62	527.32	937.74	0.57	-0.53	1.73	
7,291.00	6.45	143.76	7,225.95	-785.08	533.68	948.27	0.38	-0.34	1.52	
7,383.00	5.93	148.86	7,317.41	-793.32	539.19	958.18	0.82	-0.57	5.54	
7,478.00	5.05	136.38	7,411.98	-800.54	544.62	967.17	1.56	-0.93	-13.14	
7,572.00	4.39	145.78	7,505.66	-806.51	549.49	974.81	1.08	-0.70	10.00	
7,666.00	3.77	132.86	7,599.43	-811.59	553.78	981.38	1.18	-0.66	-13.74	
7,760.00	3.51	133.57	7,693.24	-815.68	558.13	987.14	0.28	-0.28	0.76	
7,854.00	3.38	138.84	7,787.07	-819.75	562.04	992.65	0.36	-0.14	5.61	
7,949.00	3.51	148.24	7,881.90	-824.33	565.42	998.32	0.61	0.14	9.89	
8,043.00	3.51	153.25	7,975.72	-829.34	568.22	1,004.07	0.33	0.00	5.33	
8,137.00	3.42	157.12	8,069.55	-834.50	570.61	1,009.71	0.27	-0.10	4.12	
8,232.00	3.55	159.49	8,164.37	-839.86	572.74	1,015.40	0.20	0.14	2.49	
8,327.00	2.28	130.49	8,259.25	-843.84	575.21	1,020.08	2.01	-1.34	-30.53	
8,421.00	2.15	100.61	8,353.18	-845.38	578.37	1,023.04	1.22	-0.14	-31.79	
8,515.00	3.16	75.38	8,447.09	-845.05	582.61	1,024.98	1.62	1.07	-26.84	
8,609.00	2.54	77.58	8,540.97	-843.95	587.15	1,026.42	0.67	-0.66	2.34	
8,704.00	3.77	70.46	8,635.82	-842.45	592.15	1,027.76	1.36	1.29	-7.49	
8,798.00	3.51	68.26	8,729.63	-840.35	597.73	1,028.89	0.31	-0.28	-2.34	
8,891.00	2.68	63.52	8,822.50	-838.33	602.32	1,029.57	0.93	-0.89	-5.10	
8,985.00	2.37	66.15	8,916.41	-836.56	606.07	1,030.02	0.35	-0.33	2.80	
9,079.00	1.88	65.80	9,010.34	-835.15	609.25	1,030.48	0.52	-0.52	-0.37	
9,174.00	1.58	61.67	9,105.30	-833.89	611.82	1,030.75	0.34	-0.32	-4.35	
9,268.00	1.23	62.81	9,199.27	-832.81	613.86	1,030.90	0.37	-0.37	1.21	

Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 322-13-298 - Slot RG 322-13-298
Project:	Rio Blanco County, CO	TVD Reference:	RKB @ 30' @ 6648.00ft
Site:	RG 11-13-298 Pad	MD Reference:	RKB @ 30' @ 6648.00ft
Well:	RG 322-13-298	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	NN

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,362.00	1.31	79.34	9,293.25	-832.15	615.82	1,031.36	0.40	0.09	17.59
9,455.00	0.96	137.96	9,386.23	-832.53	617.38	1,032.50	1.24	-0.38	63.03
9,549.00	1.53	179.45	9,480.21	-834.37	617.92	1,034.36	1.10	0.61	44.14
9,643.00	2.10	199.84	9,574.16	-837.25	617.35	1,036.51	0.91	0.61	21.69
9,737.00	2.68	222.42	9,668.08	-840.49	615.28	1,038.19	1.16	0.62	24.02
9,831.00	3.64	224.09	9,761.94	-844.25	611.72	1,039.53	1.03	1.02	1.78
9,926.00	4.21	222.51	9,856.72	-848.99	607.27	1,041.24	0.61	0.60	-1.66
10,020.00	3.86	216.01	9,950.48	-854.09	603.08	1,043.40	0.61	-0.37	-6.91
10,114.00	3.69	219.96	10,044.28	-858.97	599.27	1,045.56	0.33	-0.18	4.20
10,208.00	4.04	224.80	10,138.07	-863.64	595.00	1,047.30	0.51	0.37	5.15
10,302.00	4.26	230.16	10,231.82	-868.23	589.98	1,048.59	0.47	0.23	5.70
10,396.00	4.17	227.96	10,325.57	-872.75	584.77	1,049.72	0.20	-0.10	-2.34
10,490.00	4.13	229.37	10,419.32	-877.24	579.66	1,050.87	0.12	-0.04	1.50
10,584.00	4.35	233.85	10,513.06	-881.55	574.21	1,051.69	0.42	0.23	4.77
10,679.00	4.04	233.32	10,607.81	-885.68	568.62	1,052.28	0.33	-0.33	-0.56
10,773.00	3.95	236.75	10,701.58	-889.43	563.26	1,052.67	0.27	-0.10	3.65
10,867.00	3.91	235.34	10,795.36	-893.03	557.91	1,052.95	0.11	-0.04	-1.50
10,962.00	4.35	235.43	10,890.11	-896.91	552.28	1,053.31	0.46	0.46	0.09
11,056.00	4.04	237.37	10,983.86	-900.72	546.56	1,053.56	0.36	-0.33	2.06
11,150.00	4.21	237.37	11,077.62	-904.37	540.86	1,053.69	0.18	0.18	0.00
11,244.00	4.13	236.84	11,171.37	-908.08	535.12	1,053.85	0.09	-0.09	-0.56
11,339.00	3.91	237.63	11,266.13	-911.68	529.52	1,053.99	0.24	-0.23	0.83
11,434.00	4.13	235.52	11,360.90	-915.36	523.97	1,054.21	0.28	0.23	-2.22
11,528.00	4.39	233.67	11,454.64	-919.40	518.28	1,054.69	0.31	0.28	-1.97
11,621.00	4.57	228.75	11,547.36	-923.95	512.63	1,055.61	0.46	0.19	-5.29
11,715.00	2.76	237.98	11,641.16	-927.62	507.89	1,056.26	2.02	-1.93	9.82
11,783.00	2.76	237.98	11,709.08	-929.36	505.11	1,056.29	0.00	0.00	0.00

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
391.00	390.16	-16.57	14.71	First Survey @ 391 MD/ 390.16 TVD
11,783.00	11,709.08	-929.36	505.11	PTB @ 11783 MD/ 11709.08 TVD

Checked By: _____ Approved By: _____ Date: _____