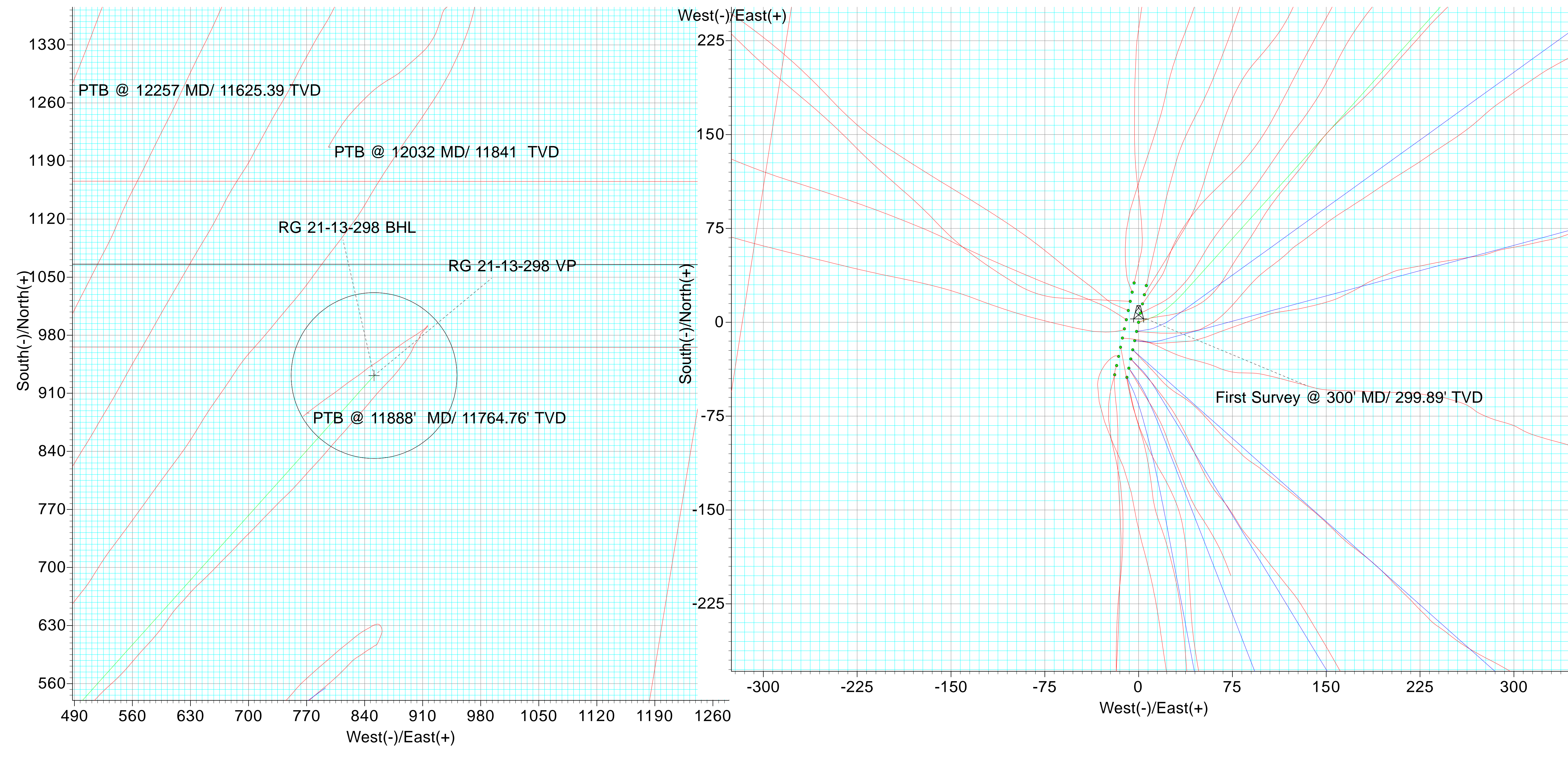
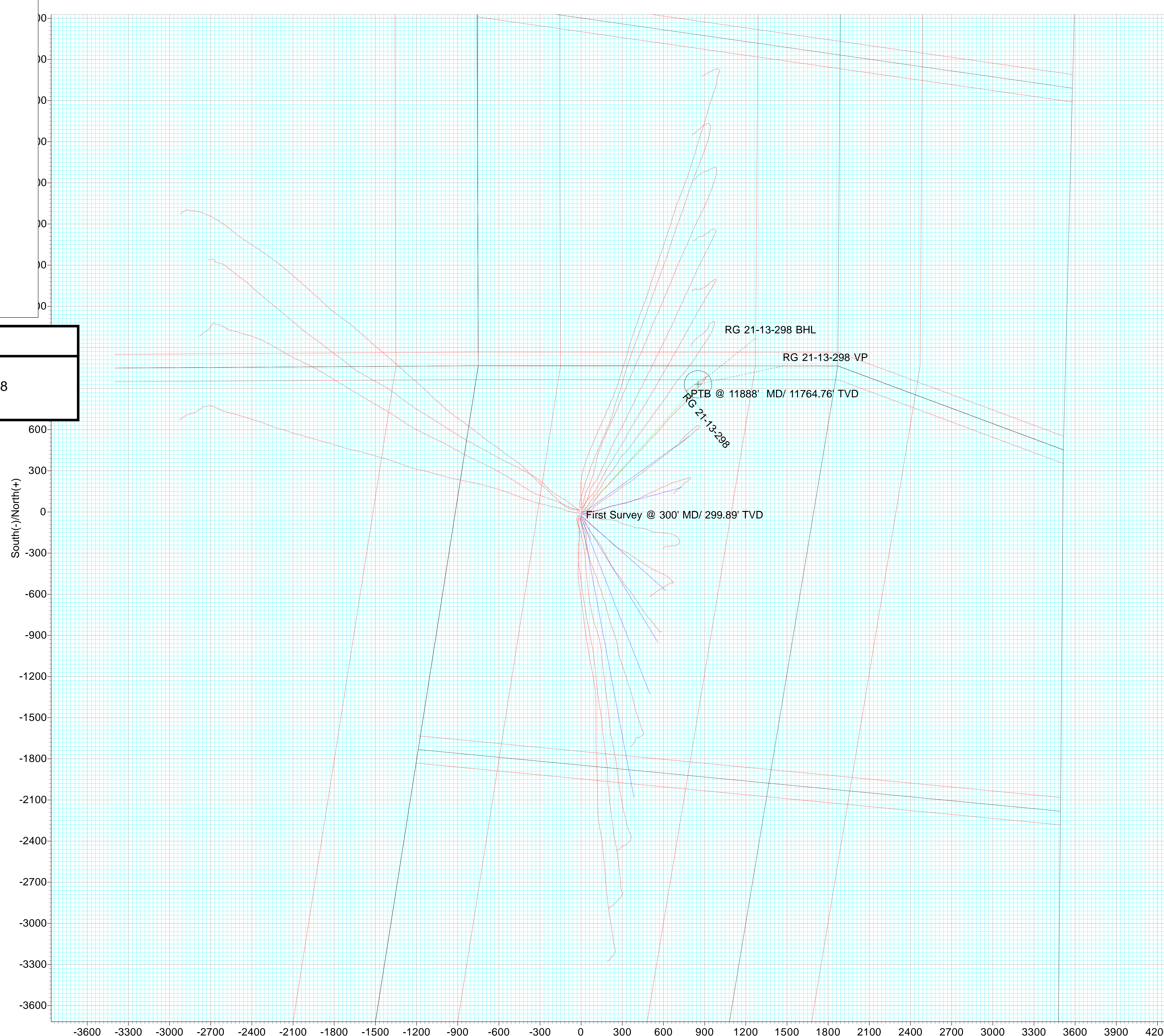
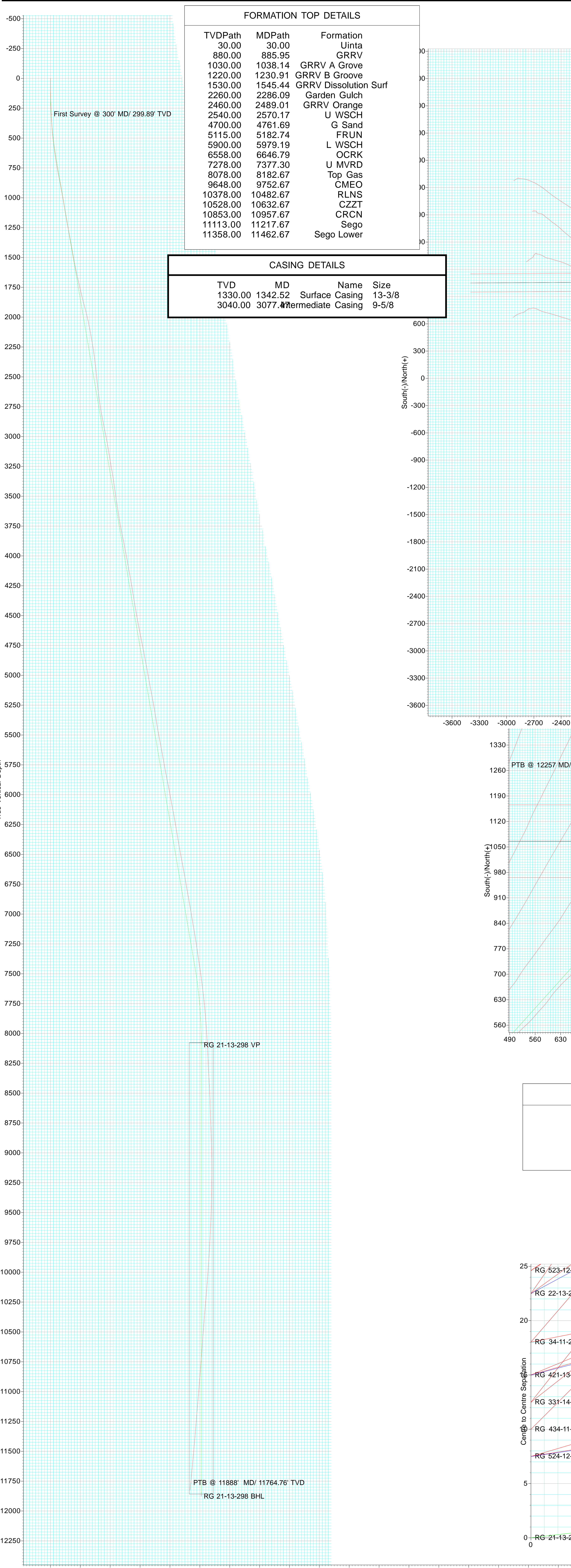


WELL DETAILS: RG 21-13-298							
+N/-S	+E/-W	Northing	Ground Level:	6618.00	Longitude	Slot	
0.00	0.00	1758757.290	Easting	2201254.270	-108.346504	RG 21-13-298	
			Latitude	39.882248			

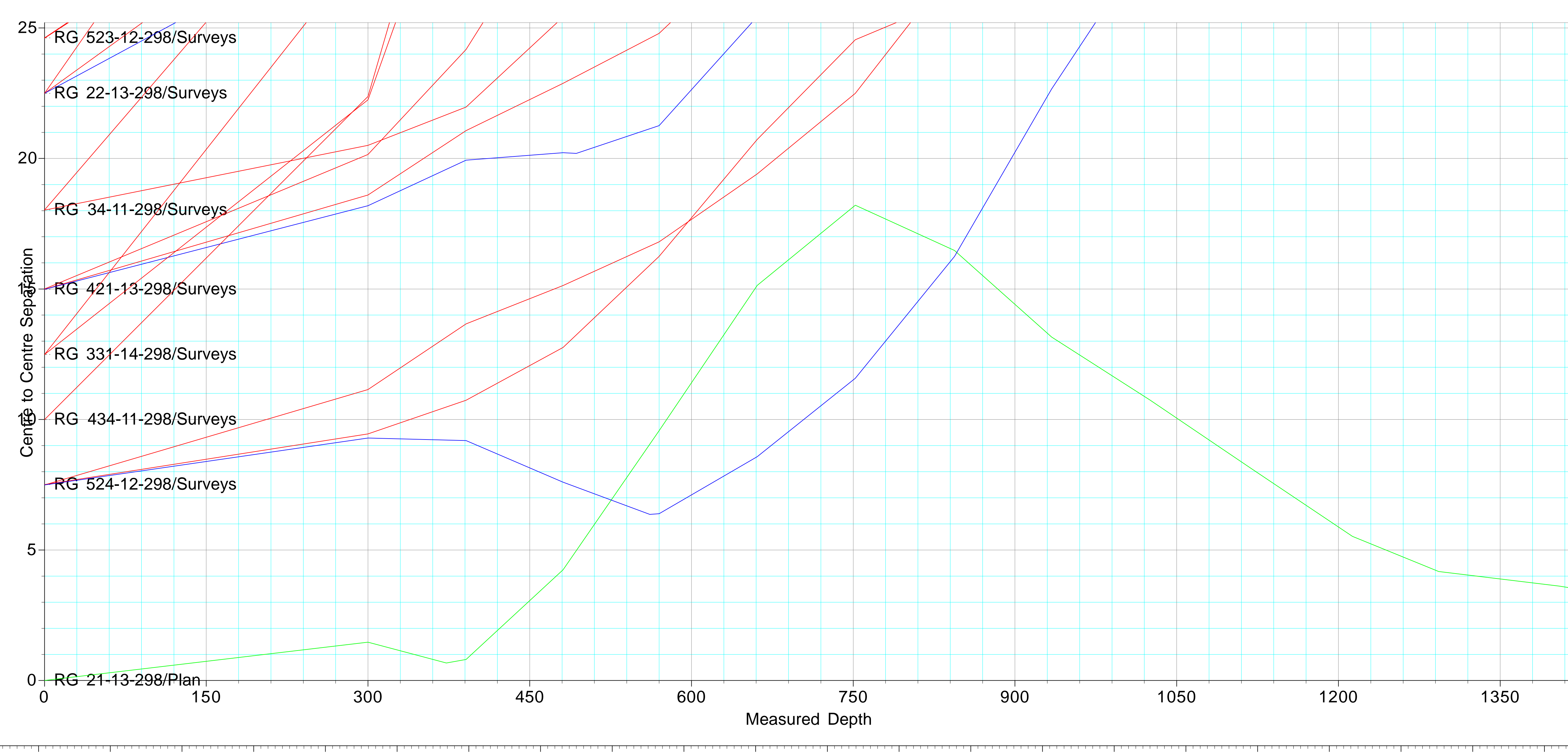
SLOTS				
Slot Name	+N/-S	+E/-W	Northing	Easting
RG 21-13-298	0.00	0.00	1758757.290	2201254.270
RG 22-13-298	-22.01	-4.65	1758735.440	2201248.930
RG 23-13-298	-44.00	-9.32	1758713.600	2201243.580
RG 24-12-298	29.34	6.22	1758786.420	2201261.410
RG 321-13-298	-7.33	-1.55	1758750.010	2201252.490
RG 322-13-298	-29.34	-6.21	1758728.160	2201247.140
RG 323-13-298	-27.26	-15.99	1758730.540	2201237.430
RG 324-12-298	22.01	4.66	1758779.140	2201259.620
RG 331-14-298	-5.26	-11.33	1758752.390	2201242.780
RG 334-11-298	9.41	-8.22	1758766.950	2201246.350
RG 34-11-298	16.75	-6.67	1758774.240	2201248.130
RG 421-13-298	-14.66	-3.10	1758742.730	2201250.710
RG 422-13-298	-36.67	-7.76	1758720.880	2201245.360
RG 423-12-298	31.41	-3.56	1758788.800	2201251.700
RG 423-13-298	-34.60	-17.54	1758723.260	2201235.650
RG 424-12-298	14.67	3.11	1758771.860	2201257.840
RG 434-11-298	2.07	-9.78	1758759.670	2201244.560
RG 521-13-298	-12.60	-12.88	1758745.100	2201241.000
RG 522-13-298	-19.93	-14.43	1758737.820	2201239.220
RG 523-12-298	24.08	-5.12	1758781.520	2201249.910
RG 523-13-298	-41.94	-19.10	1758715.970	2201233.870
RG 524-12-298	7.34	1.56	1758764.580	2201256.060

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
VP	8078.00	931.33	851.36	1759661.490	2202134.387	39.884804	-108.343471
BHL	11858.00	931.33	851.36	1759661.490	2202134.387	39.884804	-108.343471

ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation	
299.89	300.00	2.72	68.88	2.57	6.64	6.37	7.12	First Survey @ 300' MD/ 299.89' TVD	
11764.76	11888.00	5.66	230.33	886.18	770.63	1174.03	1541.89	PTB @ 11888' MD/ 11764.76' TVD	



ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation	
299.89	300.00	2.72	68.88	2.57	6.64	6.37	7.12	First Survey @ 300' MD/ 299.89' TVD	
11764.76	11888.00	5.66	230.33	886.18	770.63	1174.03	1541.89	PTB @ 11888' MD/ 11764.76' TVD	



TEP ROCKY MOUNTAIN LLC

Rio Blanco County, CO

RG 11-13-298 Pad

RG 21-13-298 - Slot RG 21-13-298

OWB

05-103-12591

Design: Surveys

Standard Survey Report

13 February, 2025



Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 21-13-298 - Slot RG 21-13-298
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 21-13-298	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 21-13-298 - Slot RG 21-13-298					
Well Position	+N/-S	0.00 ft	Northing:	1,758,757.290 usft	Latitude:	39.882248
	+E/-W	0.00 ft	Easting:	2,201,254.270 usft	Longitude:	-108.346505
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	42.43	

Survey Program	Date	2/13/2025			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
300.00	11,950.00	Surveys (OWB)	OWSG (REV5) MWD HDGM	OWSG MWD - Standard	

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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	2.72	68.88	299.89	2.57	6.64	6.37	0.91	0.91	0.00	
391.00	5.14	80.74	390.67	4.00	12.68	11.51	2.79	2.66	13.03	
481.00	7.03	82.15	480.16	5.40	22.12	18.91	2.11	2.10	1.57	
570.00	8.21	72.82	568.37	8.02	33.58	28.58	1.92	1.33	-10.48	
661.00	9.22	62.46	658.33	13.31	46.26	41.03	2.05	1.11	-11.38	
752.00	9.88	45.06	748.08	22.20	58.25	55.69	3.24	0.73	-19.12	
844.00	12.08	31.53	838.41	35.98	68.87	73.03	3.67	2.39	-14.71	
934.00	10.50	32.76	926.66	50.91	78.24	90.36	1.78	-1.76	1.37	
1,025.00	10.01	34.34	1,016.21	64.41	87.18	106.37	0.62	-0.54	1.74	

Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 21-13-298 - Slot RG 21-13-298
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 21-13-298	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)	
1,119.00	9.58	30.38	1,108.84	77.91	95.75	122.10	0.85	-0.46	-4.21	
1,213.00	10.06	34.51	1,201.47	91.42	104.36	137.88	0.91	0.51	4.39	
1,293.00	11.03	39.00	1,280.11	103.12	113.13	152.45	1.59	1.21	5.61	
1,405.00	9.97	39.25	1,390.24	118.96	126.01	172.82	0.95	-0.95	0.22	
1,480.00	10.23	36.44	1,464.08	129.35	134.07	185.93	0.74	0.35	-3.75	
1,571.00	11.07	35.65	1,553.51	142.95	143.96	202.64	0.94	0.92	-0.87	
1,663.00	12.61	45.67	1,643.56	157.14	156.30	221.44	2.79	1.67	10.89	
1,753.00	12.87	48.39	1,731.34	170.66	170.82	241.22	0.73	0.29	3.02	
1,845.00	13.40	43.91	1,820.94	185.15	185.87	262.07	1.25	0.58	-4.87	
1,937.00	15.46	40.92	1,910.03	202.10	201.30	284.98	2.38	2.24	-3.25	
2,029.00	12.91	42.33	1,999.22	218.96	216.26	307.52	2.80	-2.77	1.53	
2,120.00	11.11	41.18	2,088.22	233.08	228.88	326.45	2.00	-1.98	-1.26	
2,212.00	9.75	45.40	2,178.70	245.22	240.26	343.10	1.69	-1.48	4.59	
2,303.00	9.14	44.87	2,268.47	255.75	250.84	358.01	0.68	-0.67	-0.58	
2,394.00	7.11	45.93	2,358.55	264.79	259.99	370.86	2.24	-2.23	1.16	
2,485.00	5.75	35.82	2,448.98	272.41	266.71	381.01	1.94	-1.49	-11.11	
2,576.00	6.06	39.69	2,539.50	279.80	272.44	390.33	0.55	0.34	4.25	
2,673.00	6.89	42.41	2,635.88	288.03	279.63	401.27	0.91	0.86	2.80	
2,768.00	8.30	43.91	2,730.04	297.18	288.23	413.82	1.50	1.48	1.58	
2,862.00	11.03	45.05	2,822.70	308.43	299.31	429.59	2.91	2.90	1.21	
2,956.00	11.25	44.61	2,914.93	321.31	312.11	447.73	0.25	0.23	-0.47	
3,047.00	11.07	41.62	3,004.21	334.16	324.15	465.34	0.67	-0.20	-3.29	
3,163.00	9.36	40.05	3,118.36	349.70	337.61	485.90	1.49	-1.47	-1.35	
3,254.00	9.05	43.29	3,208.19	360.58	347.28	500.45	0.66	-0.34	3.56	
3,345.00	10.50	44.17	3,297.87	371.74	357.97	515.90	1.60	1.59	0.97	
3,437.00	7.73	39.07	3,388.70	382.55	367.71	530.45	3.13	-3.01	-5.54	
3,528.00	8.12	43.03	3,478.83	392.00	375.95	542.99	0.74	0.43	4.35	
3,620.00	8.74	47.16	3,569.84	401.51	385.51	556.45	0.94	0.67	4.49	
3,711.00	9.18	43.56	3,659.73	411.47	395.58	570.60	0.78	0.48	-3.96	
3,803.00	10.28	43.91	3,750.40	422.70	406.33	586.15	1.20	1.20	0.38	
3,894.00	11.73	45.93	3,839.73	434.98	418.61	603.50	1.65	1.59	2.22	
3,985.00	10.98	42.68	3,928.95	447.79	431.13	621.40	1.08	-0.82	-3.57	
4,077.00	10.50	42.24	4,019.34	460.44	442.71	638.54	0.53	-0.52	-0.48	
4,169.00	10.06	40.48	4,109.86	472.75	453.56	654.95	0.59	-0.48	-1.91	
4,261.00	10.23	41.89	4,200.42	484.95	464.23	671.15	0.33	0.18	1.53	
4,352.00	9.31	39.69	4,290.10	496.63	474.33	686.59	1.09	-1.01	-2.42	
4,444.00	8.96	45.14	4,380.93	507.41	484.16	701.18	1.01	-0.38	5.92	
4,535.00	10.23	42.15	4,470.66	518.40	494.61	716.34	1.50	1.40	-3.29	
4,628.00	10.45	42.85	4,562.15	530.70	505.88	733.03	0.27	0.24	0.75	
4,719.00	11.42	42.50	4,651.50	543.40	517.58	750.29	1.07	1.07	-0.38	
4,812.00	11.33	48.21	4,742.67	556.27	530.61	768.59	1.21	-0.10	6.14	
4,904.00	10.63	45.49	4,832.99	568.24	543.40	786.05	0.95	-0.76	-2.96	
4,995.00	10.63	40.66	4,922.43	580.50	554.86	802.82	0.98	0.00	-5.31	
5,087.00	10.01	40.66	5,012.94	593.00	565.60	819.30	0.67	-0.67	0.00	

Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 21-13-298 - Slot RG 21-13-298
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 21-13-298	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)	
5,179.00	11.03	43.20	5,103.39	605.48	576.83	836.09	1.22	1.11	2.76	
5,270.00	10.54	40.13	5,192.79	618.19	588.16	853.11	0.83	-0.54	-3.37	
5,362.00	9.93	35.29	5,283.32	631.10	598.16	869.39	1.15	-0.66	-5.26	
5,454.00	9.05	35.56	5,374.06	643.46	606.95	884.44	0.96	-0.96	0.29	
5,546.00	10.06	43.56	5,464.79	655.17	616.70	899.66	1.81	1.10	8.70	
5,638.00	10.94	40.83	5,555.25	667.60	627.94	916.42	1.10	0.96	-2.97	
5,730.00	10.50	47.16	5,645.65	679.90	639.80	933.50	1.37	-0.48	6.88	
5,822.00	10.10	45.49	5,736.16	691.26	651.70	949.91	0.54	-0.43	-1.82	
5,914.00	10.81	43.56	5,826.64	703.17	663.40	966.60	0.86	0.77	-2.10	
6,006.00	11.60	45.23	5,916.88	715.93	675.91	984.46	0.93	0.86	1.82	
6,098.00	9.84	42.94	6,007.27	728.20	687.83	1,001.56	1.97	-1.91	-2.49	
6,189.00	11.38	45.49	6,096.71	740.19	699.53	1,018.30	1.77	1.69	2.80	
6,280.00	10.19	43.47	6,186.11	752.33	711.47	1,035.32	1.37	-1.31	-2.22	
6,372.00	9.22	44.43	6,276.79	763.50	722.23	1,050.82	1.07	-1.05	1.04	
6,464.00	9.71	43.73	6,367.54	774.36	732.75	1,065.94	0.55	0.53	-0.76	
6,556.00	9.84	47.16	6,458.20	785.32	743.88	1,081.53	0.65	0.14	3.73	
6,648.00	11.11	42.77	6,548.67	797.17	755.67	1,098.23	1.63	1.38	-4.77	
6,741.00	10.37	41.71	6,640.04	810.00	767.32	1,115.56	0.82	-0.80	-1.14	
6,836.00	9.66	43.29	6,733.59	822.18	778.47	1,132.08	0.80	-0.75	1.66	
6,930.00	10.19	41.27	6,826.18	834.17	789.37	1,148.28	0.67	0.56	-2.15	
7,024.00	9.97	40.39	6,918.73	846.62	800.12	1,164.73	0.29	-0.23	-0.94	
7,118.00	9.40	42.50	7,011.39	858.48	810.58	1,180.53	0.71	-0.61	2.24	
7,212.00	9.79	40.66	7,104.08	870.20	820.98	1,196.20	0.53	0.41	-1.96	
7,306.00	9.18	41.71	7,196.79	881.86	831.17	1,211.68	0.67	-0.65	1.12	
7,401.00	8.52	41.01	7,290.66	892.83	840.83	1,226.30	0.70	-0.69	-0.74	
7,495.00	8.26	39.07	7,383.65	903.32	849.66	1,240.00	0.41	-0.28	-2.06	
7,589.00	8.48	42.94	7,476.65	913.64	858.63	1,253.67	0.64	0.23	4.12	
7,683.00	7.25	44.43	7,569.77	922.95	867.51	1,266.53	1.33	-1.31	1.59	
7,778.00	6.81	40.92	7,664.05	931.48	875.39	1,278.15	0.65	-0.46	-3.69	
7,872.00	5.58	37.84	7,757.50	939.31	881.85	1,288.28	1.35	-1.31	-3.28	
7,967.00	4.57	37.67	7,852.13	945.95	887.00	1,296.65	1.06	-1.06	-0.18	
8,062.00	4.04	34.06	7,946.86	951.72	891.18	1,303.74	0.63	-0.56	-3.80	
8,156.00	3.73	31.25	8,040.65	957.07	894.62	1,310.01	0.39	-0.33	-2.99	
8,249.00	2.90	25.98	8,133.49	961.78	897.22	1,315.24	0.95	-0.89	-5.67	
8,343.00	1.80	17.45	8,227.41	965.32	898.71	1,318.85	1.22	-1.17	-9.07	
8,437.00	3.51	35.65	8,321.31	969.07	900.83	1,323.05	2.01	1.82	19.36	
8,531.00	3.38	33.80	8,415.14	973.71	904.05	1,328.65	0.18	-0.14	-1.97	
8,625.00	2.41	22.37	8,509.02	977.84	906.34	1,333.24	1.20	-1.03	-12.16	
8,719.00	1.18	14.90	8,602.97	980.60	907.34	1,335.96	1.33	-1.31	-7.95	
8,813.00	2.41	45.05	8,696.92	982.93	908.99	1,338.79	1.61	1.31	32.07	
8,907.00	2.19	40.66	8,790.85	985.69	911.56	1,342.56	0.30	-0.23	-4.67	
9,000.00	1.84	45.58	8,883.79	988.09	913.78	1,345.83	0.42	-0.38	5.29	
9,095.00	1.09	37.32	8,978.76	989.87	915.42	1,348.25	0.82	-0.79	-8.69	

Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 21-13-298 - Slot RG 21-13-298
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 21-13-298	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)	
9,189.00	0.52	10.51	9,072.75	991.00	916.04	1,349.50	0.71	-0.61	-28.52	
9,283.00	0.17	295.19	9,166.75	991.48	915.99	1,349.82	0.54	-0.37	-80.13	
9,405.00	0.74	227.86	9,288.74	991.03	915.24	1,348.99	0.57	0.47	-55.19	
9,499.00	1.05	206.51	9,382.73	989.85	914.41	1,347.55	0.48	0.33	-22.71	
9,593.00	1.75	231.91	9,476.70	988.20	912.89	1,345.31	0.98	0.74	27.02	
9,687.00	2.50	235.51	9,570.64	986.15	910.07	1,341.90	0.81	0.80	3.83	
9,781.00	2.90	236.04	9,664.53	983.66	906.41	1,337.59	0.43	0.43	0.56	
9,874.00	2.90	234.19	9,757.41	980.97	902.55	1,333.00	0.10	0.00	-1.99	
9,969.00	3.69	240.70	9,852.26	978.07	897.94	1,327.74	0.92	0.83	6.85	
10,063.00	3.99	235.69	9,946.05	974.74	892.60	1,321.69	0.48	0.32	-5.33	
10,157.00	4.13	235.60	10,039.81	970.99	887.10	1,315.21	0.15	0.15	-0.10	
10,251.00	4.83	234.63	10,133.52	966.78	881.08	1,308.04	0.75	0.74	-1.03	
10,345.00	5.05	234.72	10,227.17	962.10	874.48	1,300.13	0.23	0.23	0.10	
10,439.00	4.57	232.70	10,320.84	957.45	868.12	1,292.41	0.54	-0.51	-2.15	
10,534.00	4.57	233.22	10,415.54	952.89	862.08	1,284.96	0.04	0.00	0.55	
10,628.00	4.38	234.20	10,509.25	948.54	856.17	1,277.77	0.22	-0.20	1.04	
10,722.00	4.26	238.54	10,602.99	944.62	850.28	1,270.90	0.37	-0.13	4.62	
10,816.00	4.44	234.97	10,696.72	940.71	844.32	1,264.00	0.35	0.19	-3.80	
10,910.00	4.41	228.68	10,790.44	936.24	838.63	1,256.85	0.52	-0.03	-6.69	
11,005.00	4.74	235.51	10,885.13	931.60	832.65	1,249.40	0.67	0.35	7.19	
11,099.00	4.43	236.92	10,978.83	927.42	826.41	1,242.10	0.35	-0.33	1.50	
11,193.00	5.00	232.61	11,072.52	922.95	820.11	1,234.55	0.71	0.61	-4.59	
11,287.00	5.18	232.87	11,166.14	917.90	813.48	1,226.35	0.19	0.19	0.28	
11,382.00	4.26	232.52	11,260.82	913.17	807.26	1,218.66	0.97	-0.97	-0.37	
11,476.00	4.96	235.42	11,354.52	908.74	801.14	1,211.26	0.78	0.74	3.09	
11,570.00	5.22	234.63	11,448.15	903.96	794.31	1,203.12	0.29	0.28	-0.84	
11,665.00	5.31	233.58	11,542.75	898.84	787.25	1,194.58	0.14	0.09	-1.11	
11,760.00	5.22	232.17	11,637.34	893.58	780.30	1,186.01	0.17	-0.09	-1.48	
11,854.00	5.58	233.40	11,730.93	888.24	773.25	1,177.31	0.40	0.38	1.31	
11,888.00	5.66	230.33	11,764.76	886.18	770.63	1,174.03	0.91	0.24	-9.03	
11,950.00	5.66	230.33	11,826.46	882.28	765.92	1,167.97	0.00	0.00	0.00	

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
300.00	299.89	2.57	6.64	First Survey @ 300' MD/ 299.89' TVD	
11,888.00	11,764.76	886.18	770.63	PTB @ 11888' MD/ 11764.76' TVD	

Checked By: _____ Approved By: _____ Date: _____