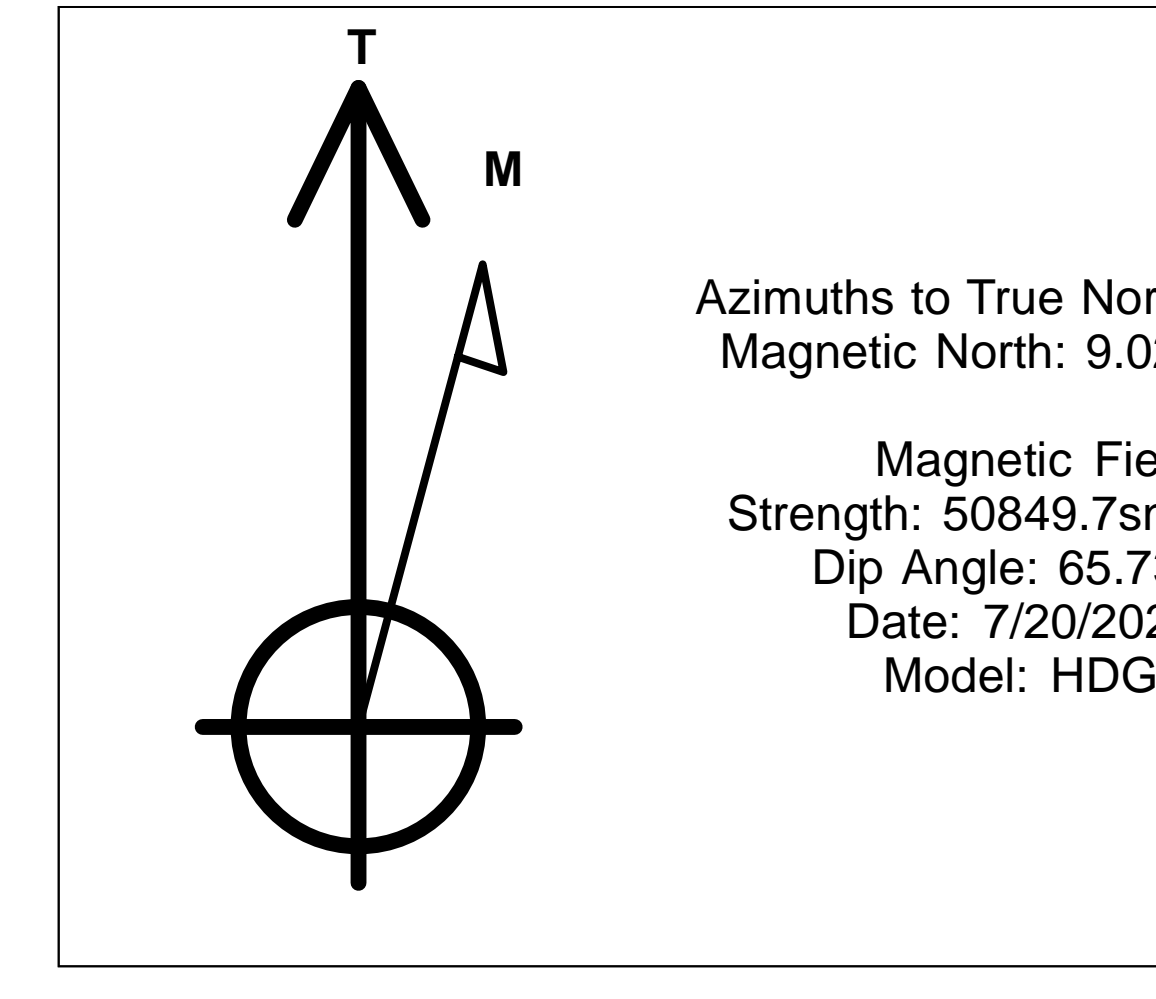


RG 11-13-298 Pad
 RG 24-12-298 (05-103-12588)
 Well RG 24-12-298 - Slot RG 24-12-298, True North
 Surveys

TEP ROCKY MOUNTAIN LLC
 RG 24-12-298
 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

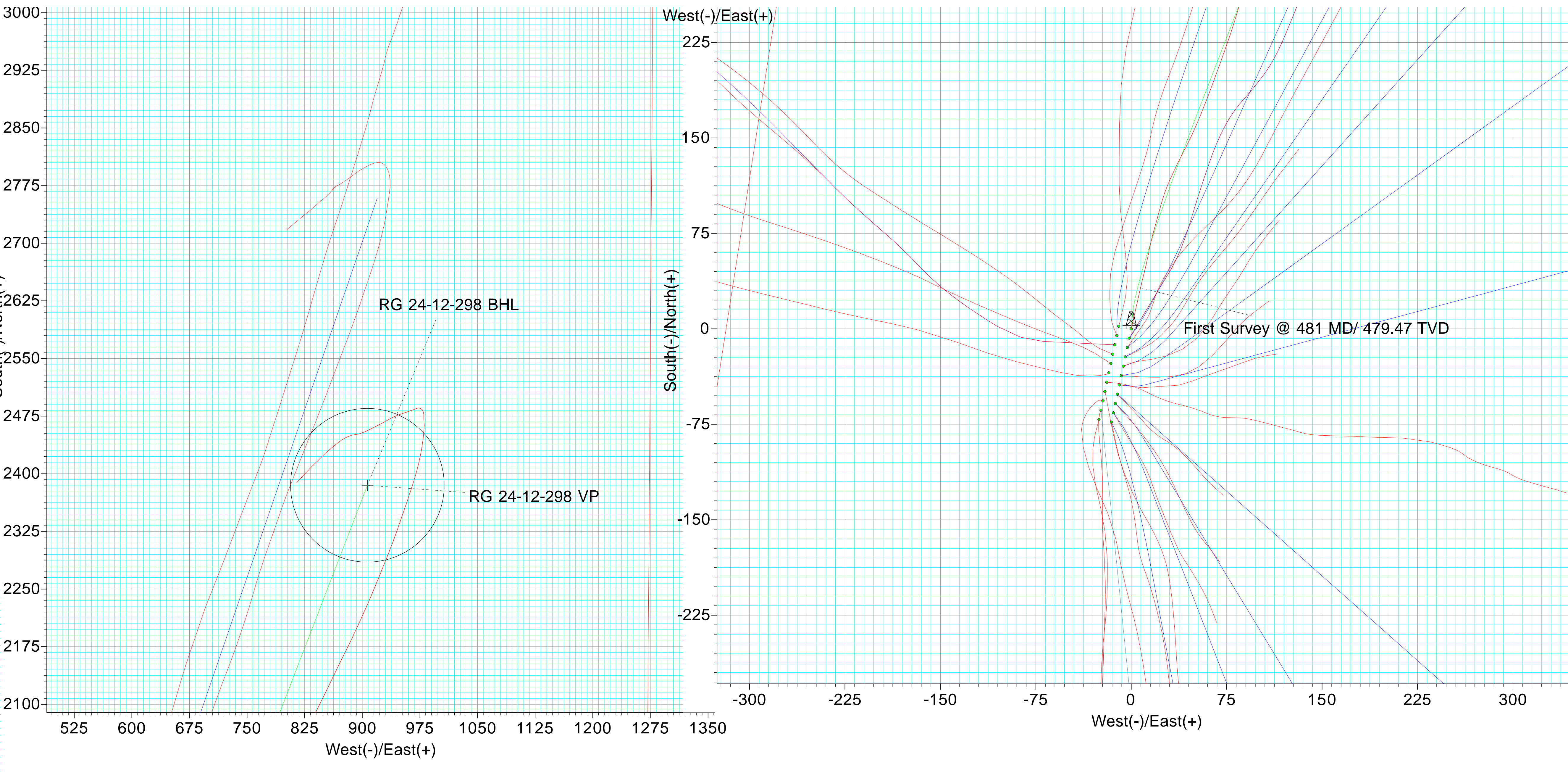
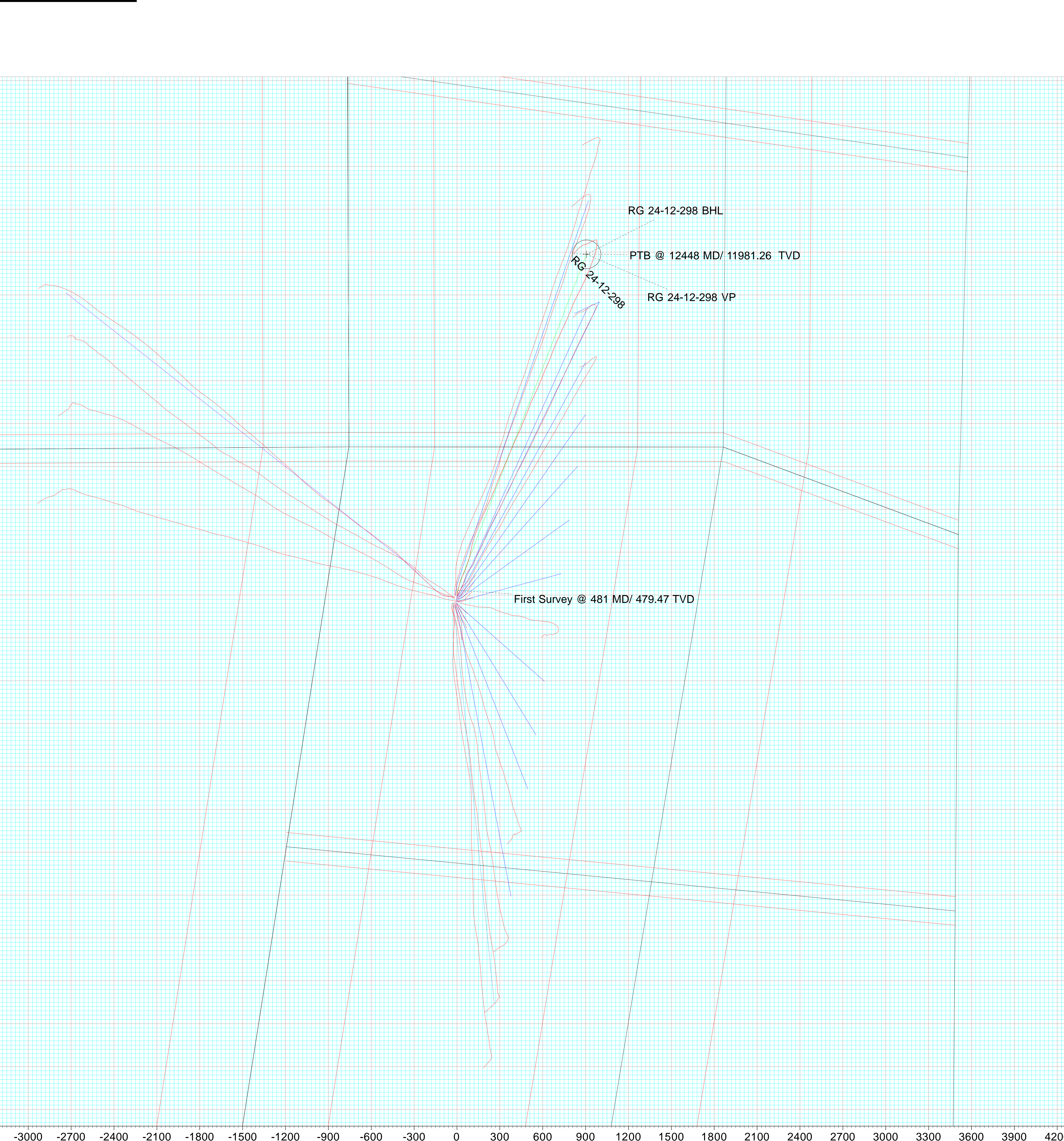
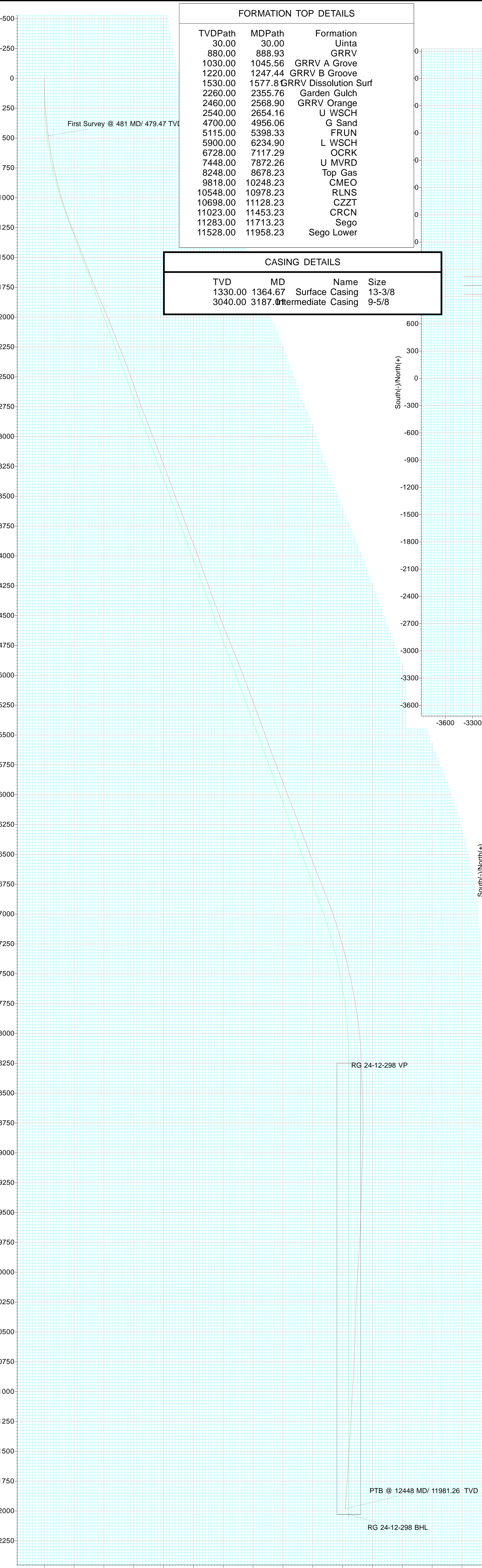


WELL DETAILS: RG 24-12-298							
+N/-S	+E/-W	Northing	Ground Level:	6618.00	Latitude	Longitude	Slot
0.00	0.00	1758786.420	Easting	2201261.410	39.882328	-108.346482	RG 24-12-298

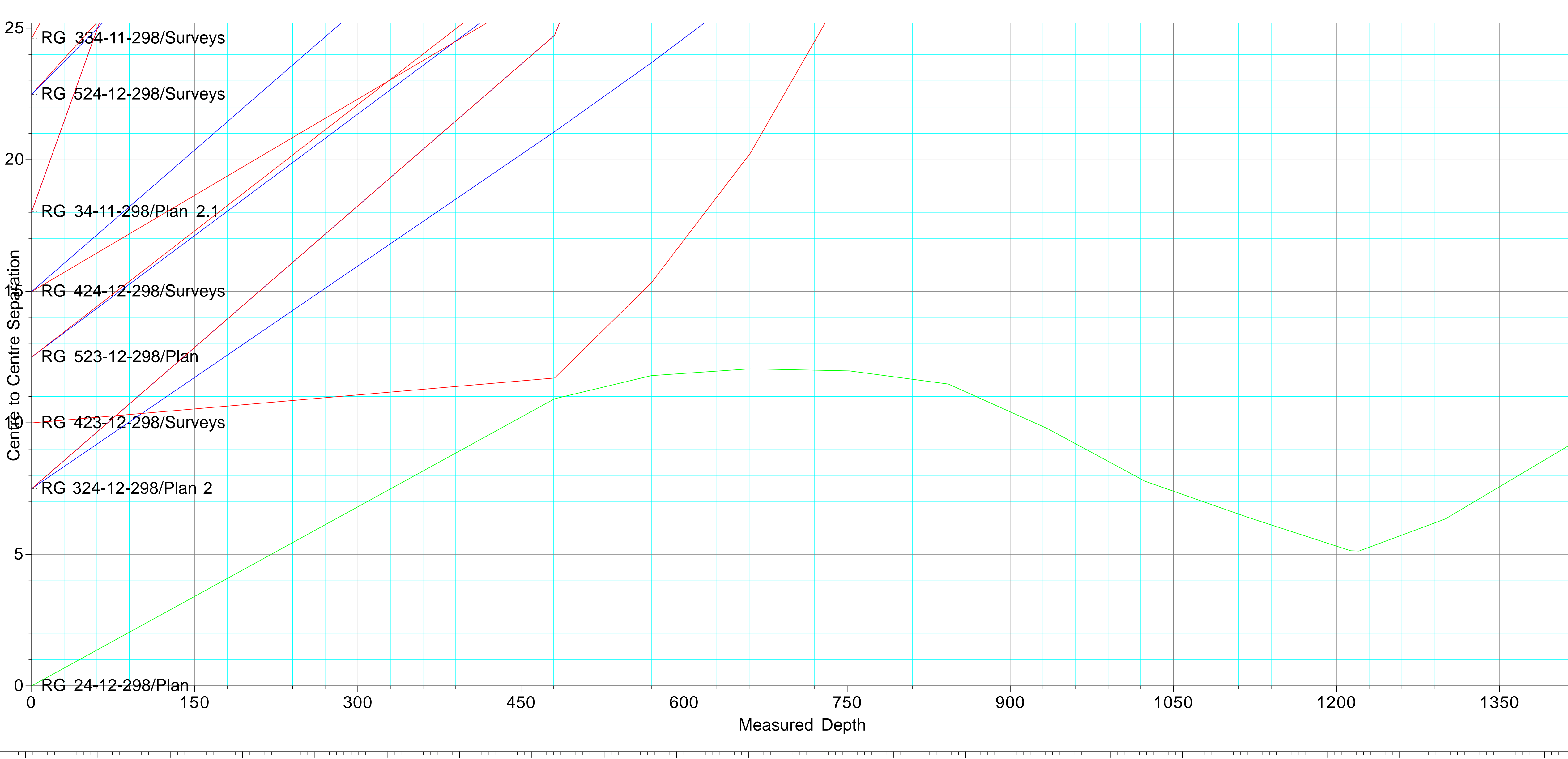
SLOTS				
Slot Name	+N/-S	+E/-W	Northing	Easting
RG 21-13-298	-29.34	-6.22	1758757.290	2201254.270
RG 22-13-298	-51.35	-10.88	1758735.440	2201248.930
RG 23-13-298	-73.34	-15.54	1758713.600	2201243.580
RG 24-12-298	0.00	0.00	1758786.420	2201261.410
RG 321-13-298	-36.67	-7.77	1758750.010	2201252.490
RG 322-13-298	-58.68	-12.44	1758728.160	2201247.140
RG 323-13-298	-56.60	-22.22	1758730.540	2201237.430
RG 324-12-298	-7.33	-1.56	1758779.140	2201259.620
RG 331-14-298	-34.60	-17.55	1758752.390	2201242.780
RG 334-11-298	-19.93	-14.44	1758766.950	2201246.350
RG 34-11-298	-12.59	-12.89	1758774.240	2201248.130
RG 421-13-298	-44.00	-9.33	1758742.730	2201250.710
RG 422-13-298	-66.01	-13.99	1758720.880	2201245.360
RG 423-12-298	2.07	-9.78	1758788.800	2201251.700
RG 423-13-298	-63.94	-23.77	1758723.260	2201235.650
RG 424-12-298	-14.66	-3.11	1758771.860	2201257.840
RG 434-11-298	-27.26	-16.00	1758759.670	2201244.560
RG 521-13-298	-41.94	-19.11	1758745.100	2201241.000
RG 522-13-298	-49.27	-20.66	1758737.820	2201239.220
RG 523-12-298	-5.26	-11.34	1758781.520	2201249.910
RG 523-13-298	-71.28	-25.32	1758715.970	2201233.870
RG 524-12-298	-22.00	-4.66	1758764.580	2201256.060

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
VP	8248.00	2385.05	906.61	1761141.892	2202242.292	39.888875	-108.343252
BHL	2028.00	2385.05	906.61	1761141.892	2202242.292	39.888875	-108.343252

ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation	
479.47	481.00	7.91	12.79	32.33	7.34	32.83	33.15	First Survey @ 481 MD/ 479.47 TVD	
11981.26	12448.00	4.35	224.17	2388.51	814.53	2522.07	2874.12	PTB @ 12448 MD/ 11981.26 TVD	



ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation	
479.47	481.00	7.91	12.79	32.33	7.34	32.83	33.15	First Survey @ 481 MD/ 479.47 TVD	
11981.26	12448.00	4.35	224.17	2388.51	814.53	2522.07	2874.12	PTB @ 12448 MD/ 11981.26 TVD	



TEP ROCKY MOUNTAIN LLC

Rio Blanco County, CO

RG 11-13-298 Pad

RG 24-12-298 - Slot RG 24-12-298

OWB

05-103-12588

Survey: Surveys

Standard Survey Report

31 December, 2024



Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 24-12-298 - Slot RG 24-12-298
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 24-12-298	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 24-12-298 - Slot RG 24-12-298					
Well Position	+N/-S	0.00 ft	Northing:	1,758,786.420 usft	Latitude:	39.882328
	+E/-W	0.00 ft	Easting:	2,201,261.410 usft	Longitude:	-108.346483
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	50,850

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	20.81	

Survey Program	Date	12/17/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
481.00	12,448.00	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
481.00	7.91	12.79	479.47	32.33	7.34	32.83	1.64	1.64	0.00
570.00	9.22	14.11	567.48	45.21	10.43	45.97	1.49	1.47	1.48
661.00	10.81	11.04	657.09	60.66	13.84	61.62	1.84	1.75	-3.37
752.00	12.30	15.61	746.25	78.37	18.09	79.69	1.92	1.64	5.02
843.00	13.71	15.34	834.91	98.11	23.55	100.08	1.55	1.55	-0.30
934.00	14.67	24.66	923.14	118.99	31.21	122.31	2.72	1.05	10.24
1,024.00	17.09	27.47	1,009.70	141.08	42.07	146.82	2.82	2.69	3.12
1,119.00	18.32	22.20	1,100.21	167.29	54.15	175.61	2.13	1.29	-5.55
1,213.00	20.25	20.18	1,188.93	196.24	65.34	206.65	2.17	2.05	-2.15

Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 24-12-298 - Slot RG 24-12-298
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 24-12-298	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)	
1,300.00	22.45	19.21	1,269.95	226.06	76.00	238.32	2.56	2.53	-1.11	
1,477.00	20.65	11.04	1,434.61	288.63	93.11	302.88	1.97	-1.02	-4.62	
1,569.00	21.22	11.21	1,520.54	320.88	99.45	335.28	0.62	0.62	0.18	
1,660.00	21.26	12.53	1,605.36	353.14	106.23	367.85	0.53	0.04	1.45	
1,752.00	21.84	17.54	1,690.93	385.75	115.01	401.44	2.10	0.63	5.45	
1,935.00	22.98	20.79	1,860.12	451.60	137.95	471.15	0.92	0.62	1.78	
2,027.00	23.11	22.73	1,944.78	485.05	151.30	507.15	0.84	0.14	2.11	
2,118.00	22.28	23.43	2,028.73	517.35	165.06	542.24	0.96	-0.91	0.77	
2,210.00	21.26	22.99	2,114.17	548.71	178.51	576.33	1.12	-1.11	-0.48	
2,302.00	21.48	25.10	2,199.84	579.31	192.17	609.79	0.87	0.24	2.29	
2,393.00	21.66	24.40	2,284.47	609.70	206.17	643.17	0.35	0.20	-0.77	
2,485.00	21.00	23.60	2,370.17	640.26	219.79	676.58	0.78	-0.72	-0.87	
2,576.00	20.21	25.98	2,455.35	669.34	233.20	708.52	1.27	-0.87	2.62	
2,667.00	19.46	21.76	2,540.95	697.55	245.71	739.33	1.78	-0.82	-4.64	
2,759.00	18.58	23.43	2,627.93	725.23	257.22	769.30	1.12	-0.96	1.82	
2,851.00	20.21	21.93	2,714.71	753.42	268.98	799.83	1.85	1.77	-1.63	
2,942.00	21.26	20.00	2,799.81	783.51	280.49	832.04	1.38	1.15	-2.12	
3,034.00	21.26	22.90	2,885.55	814.55	292.69	865.39	1.14	0.00	3.15	
3,125.00	21.26	23.52	2,970.36	844.87	305.69	898.36	0.25	0.00	0.68	
3,250.00	21.48	23.25	3,086.77	886.68	323.77	943.86	0.19	0.18	-0.22	
3,343.00	20.17	23.34	3,173.69	917.05	336.85	976.89	1.41	-1.41	0.10	
3,434.00	21.13	22.73	3,258.84	946.58	349.40	1,008.96	1.08	1.05	-0.67	
3,526.00	19.64	23.08	3,345.08	976.10	361.87	1,040.98	1.62	-1.62	0.38	
3,617.00	20.03	23.87	3,430.68	1,004.42	374.17	1,071.83	0.52	0.43	0.87	
3,708.00	21.13	22.29	3,515.87	1,033.85	386.70	1,103.79	1.35	1.21	-1.74	
3,800.00	20.61	23.17	3,601.84	1,064.08	399.36	1,136.54	0.66	-0.57	0.96	
3,892.00	20.61	25.54	3,687.95	1,093.58	412.71	1,168.86	0.91	0.00	2.58	
3,983.00	20.39	24.66	3,773.19	1,122.43	426.23	1,200.64	0.42	-0.24	-0.97	
4,075.00	22.01	25.01	3,858.96	1,152.62	440.21	1,233.82	1.77	1.76	0.38	
4,167.00	20.08	19.30	3,944.83	1,183.16	452.72	1,266.81	3.06	-2.10	-6.21	
4,258.00	19.42	23.17	4,030.48	1,211.81	463.83	1,297.54	1.61	-0.73	4.25	
4,350.00	19.90	22.37	4,117.11	1,240.35	475.81	1,328.48	0.60	0.52	-0.87	
4,441.00	19.73	22.11	4,202.72	1,268.91	487.49	1,359.32	0.21	-0.19	-0.29	
4,533.00	19.24	21.06	4,289.46	1,297.44	498.78	1,390.00	0.65	-0.53	-1.14	
4,625.00	20.03	20.44	4,376.11	1,326.35	509.73	1,420.91	0.89	0.86	-0.67	
4,717.00	21.57	22.90	4,462.11	1,356.69	521.81	1,453.57	1.92	1.67	2.67	
4,809.00	19.90	25.98	4,548.15	1,386.35	535.25	1,486.07	2.17	-1.82	3.35	
4,901.00	21.97	25.19	4,634.07	1,416.00	549.44	1,518.83	2.27	2.25	-0.86	
4,993.00	22.93	25.45	4,719.10	1,447.76	564.46	1,553.85	1.05	1.04	0.28	
5,084.00	22.54	22.20	4,803.03	1,479.91	578.67	1,588.96	1.45	-0.43	-3.57	
5,176.00	20.69	20.09	4,888.56	1,511.51	590.92	1,622.84	2.18	-2.01	-2.29	
5,268.00	21.66	22.90	4,974.35	1,542.41	603.11	1,656.06	1.53	1.05	3.05	
5,360.00	20.30	22.55	5,060.25	1,572.79	615.84	1,688.98	1.48	-1.48	-0.38	
5,452.00	20.83	25.71	5,146.39	1,602.27	629.05	1,721.23	1.34	0.58	3.43	

Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 24-12-298 - Slot RG 24-12-298
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 24-12-298	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)	
5,544.00	20.61	22.37	5,232.44	1,631.98	642.31	1,753.71	1.31	-0.24	-3.63	
5,636.00	19.86	20.97	5,318.76	1,661.55	654.07	1,785.53	0.97	-0.82	-1.52	
5,728.00	20.43	20.79	5,405.13	1,691.15	665.36	1,817.21	0.62	0.62	-0.20	
5,819.00	19.11	21.06	5,490.77	1,719.90	676.35	1,847.99	1.45	-1.45	0.30	
5,911.00	19.64	21.14	5,577.56	1,748.38	687.34	1,878.51	0.58	0.58	0.09	
6,003.00	21.35	25.19	5,663.73	1,777.96	700.04	1,910.68	2.41	1.86	4.40	
6,095.00	21.09	25.01	5,749.50	1,808.11	714.17	1,943.88	0.29	-0.28	-0.20	
6,187.00	20.87	23.25	5,835.40	1,838.17	727.64	1,976.76	0.73	-0.24	-1.91	
6,279.00	20.52	25.27	5,921.46	1,867.81	740.99	2,009.21	0.86	-0.38	2.20	
6,370.00	21.13	25.36	6,006.52	1,897.05	754.82	2,041.46	0.67	0.67	0.10	
6,462.00	21.26	23.52	6,092.30	1,927.33	768.58	2,074.66	0.74	0.14	-2.00	
6,554.00	21.00	22.11	6,178.11	1,957.90	781.44	2,107.80	0.62	-0.28	-1.53	
6,646.00	20.34	21.76	6,264.19	1,988.02	793.57	2,140.27	0.73	-0.72	-0.38	
6,737.00	19.86	21.85	6,349.64	2,017.06	805.19	2,171.53	0.53	-0.53	0.10	
6,829.00	20.34	24.75	6,436.04	2,046.08	817.70	2,203.11	1.20	0.52	3.15	
6,920.00	20.12	27.30	6,521.43	2,074.35	831.50	2,234.44	1.00	-0.24	2.80	
7,011.00	20.83	26.33	6,606.68	2,102.76	845.86	2,266.10	0.86	0.78	-1.07	
7,103.00	21.88	25.71	6,692.36	2,132.87	860.55	2,299.46	1.17	1.14	-0.67	
7,195.00	22.45	26.59	6,777.57	2,164.02	875.85	2,334.02	0.72	0.62	0.96	
7,287.00	21.44	25.01	6,862.90	2,194.97	890.82	2,368.26	1.27	-1.10	-1.72	
7,379.00	20.17	23.87	6,948.90	2,224.72	904.35	2,400.87	1.45	-1.38	-1.24	
7,470.00	18.32	22.46	7,034.81	2,252.28	916.16	2,430.84	2.10	-2.03	-1.55	
7,562.00	17.00	22.02	7,122.47	2,278.11	926.73	2,458.74	1.44	-1.43	-0.48	
7,654.00	15.95	21.32	7,210.69	2,302.36	936.37	2,484.83	1.16	-1.14	-0.76	
7,746.00	14.63	19.30	7,299.44	2,325.10	944.80	2,509.08	1.55	-1.43	-2.20	
7,838.00	13.75	19.12	7,388.63	2,346.40	952.22	2,531.63	0.96	-0.96	-0.20	
7,930.00	12.87	18.68	7,478.16	2,366.43	959.09	2,552.79	0.96	-0.96	-0.48	
8,022.00	11.86	17.89	7,568.02	2,385.14	965.27	2,572.47	1.11	-1.10	-0.86	
8,114.00	10.85	15.61	7,658.22	2,402.47	970.51	2,590.54	1.20	-1.10	-2.48	
8,206.00	9.40	12.18	7,748.79	2,418.16	974.42	2,606.59	1.71	-1.58	-3.73	
8,298.00	8.34	9.81	7,839.68	2,432.08	977.15	2,620.57	1.22	-1.15	-2.58	
8,390.00	7.42	6.91	7,930.82	2,444.55	979.00	2,632.89	1.09	-1.00	-3.15	
8,481.00	5.36	5.06	8,021.25	2,454.62	980.08	2,642.68	2.27	-2.26	-2.03	
8,573.00	4.17	1.02	8,112.93	2,462.24	980.52	2,649.97	1.34	-1.29	-4.39	
8,665.00	3.03	355.04	8,204.74	2,468.01	980.37	2,655.30	1.30	-1.24	-6.50	
8,758.00	2.68	359.35	8,297.63	2,472.63	980.13	2,659.54	0.44	-0.38	4.63	
8,852.00	1.97	359.44	8,391.55	2,476.45	980.09	2,663.09	0.76	-0.76	0.10	
8,946.00	1.84	346.34	8,485.50	2,479.53	979.72	2,665.84	0.48	-0.14	-13.94	
9,041.00	1.62	332.37	8,580.46	2,482.20	978.73	2,667.99	0.50	-0.23	-14.71	
9,135.00	1.31	308.81	8,674.43	2,484.05	977.28	2,669.20	0.71	-0.33	-25.06	
9,229.00	1.31	291.41	8,768.40	2,485.12	975.44	2,669.54	0.42	0.00	-18.51	
9,323.00	1.27	276.03	8,862.38	2,485.62	973.41	2,669.29	0.37	-0.04	-16.36	
9,417.00	1.62	248.43	8,956.35	2,485.24	971.13	2,668.13	0.82	0.37	-29.36	

Survey Report



Company:	TEP ROCKY MOUNTAIN LLC	Local Co-ordinate Reference:	Well RG 24-12-298 - Slot RG 24-12-298
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 24-12-298	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)
9,511.00	2.37	247.11	9,050.29	2,483.99	968.11	2,665.89	0.80	0.80	-1.40
9,605.00	2.68	252.21	9,144.20	2,482.57	964.23	2,663.17	0.41	0.33	5.43
9,699.00	2.68	249.40	9,238.10	2,481.12	960.08	2,660.35	0.14	0.00	-2.99
9,793.00	2.32	247.90	9,332.01	2,479.63	956.26	2,657.60	0.39	-0.38	-1.60
9,886.00	2.98	253.97	9,424.91	2,478.26	952.19	2,654.87	0.77	0.71	6.53
9,980.00	3.16	249.40	9,518.77	2,476.67	947.41	2,651.69	0.32	0.19	-4.86
10,074.00	3.16	246.58	9,612.63	2,474.73	942.61	2,648.17	0.17	0.00	-3.00
10,168.00	3.47	242.72	9,706.47	2,472.40	937.71	2,644.24	0.41	0.33	-4.11
10,262.00	3.82	240.34	9,800.28	2,469.54	932.46	2,639.71	0.41	0.37	-2.53
10,356.00	4.92	241.84	9,894.01	2,466.09	926.18	2,634.26	1.18	1.17	1.60
10,451.00	5.53	242.01	9,988.61	2,462.02	918.55	2,627.74	0.64	0.64	0.18
10,545.00	4.70	245.35	10,082.24	2,458.29	911.05	2,621.59	0.94	-0.88	3.55
10,639.00	4.79	243.24	10,175.92	2,454.91	904.04	2,615.94	0.21	0.10	-2.24
10,759.00	3.51	256.69	10,295.60	2,451.81	895.99	2,610.18	1.33	-1.07	11.21
10,853.00	2.94	265.66	10,389.45	2,450.97	890.79	2,607.54	0.81	-0.61	9.54
10,947.00	2.94	252.82	10,483.33	2,450.07	886.08	2,605.04	0.70	0.00	-13.66
11,041.00	2.85	249.40	10,577.21	2,448.54	881.59	2,602.01	0.21	-0.10	-3.64
11,135.00	2.94	240.87	10,671.09	2,446.54	877.30	2,598.62	0.47	0.10	-9.07
11,230.00	3.29	235.07	10,765.95	2,443.80	872.94	2,594.50	0.50	0.37	-6.11
11,323.00	3.33	232.17	10,858.79	2,440.61	868.62	2,589.99	0.19	0.04	-3.12
11,418.00	3.60	231.73	10,953.62	2,437.07	864.10	2,585.07	0.29	0.28	-0.46
11,512.00	3.42	229.18	11,047.44	2,433.41	859.66	2,580.07	0.25	-0.19	-2.71
11,607.00	3.60	230.68	11,142.27	2,429.67	855.20	2,574.99	0.21	0.19	1.58
11,701.00	3.77	224.96	11,236.07	2,425.61	850.74	2,569.61	0.43	0.18	-6.09
11,796.00	3.86	224.08	11,330.86	2,421.11	846.31	2,563.83	0.11	0.09	-0.93
11,890.00	3.86	227.42	11,424.65	2,416.69	841.78	2,558.09	0.24	0.00	3.55
11,984.00	3.64	224.96	11,518.45	2,412.44	837.34	2,552.54	0.29	-0.23	-2.62
12,078.00	3.95	224.08	11,612.24	2,408.00	832.98	2,546.84	0.34	0.33	-0.94
12,173.00	3.82	223.82	11,707.02	2,403.37	828.51	2,540.92	0.14	-0.14	-0.27
12,267.00	4.39	222.77	11,800.78	2,398.47	823.90	2,534.70	0.61	0.61	-1.12
12,361.00	4.26	222.33	11,894.51	2,393.25	819.10	2,528.12	0.14	-0.14	-0.47
12,380.00	4.35	224.17	11,913.46	2,392.21	818.13	2,526.80	0.87	0.47	9.68
12,448.00	4.35	224.17	11,981.26	2,388.51	814.53	2,522.07	0.00	0.00	0.00

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
481.00	479.47	32.33	7.34	First Survey @ 481 MD/ 479.47 TVD
12,448.00	11,981.26	2,388.51	814.53	PTB @ 12448 MD/ 11981.26 TVD

Checked By: _____ Approved By: _____ Date: _____