

WELL DETAILS: RG 522-13-298							
+N/-S	+E/-W	Northing	Ground Level:	6618.00	Longitude	Slot	
0.00	0.00	1758737.820	Easting	2201239.220	-108.346556	RG 522-13-298	
			Latitude	39.882193			

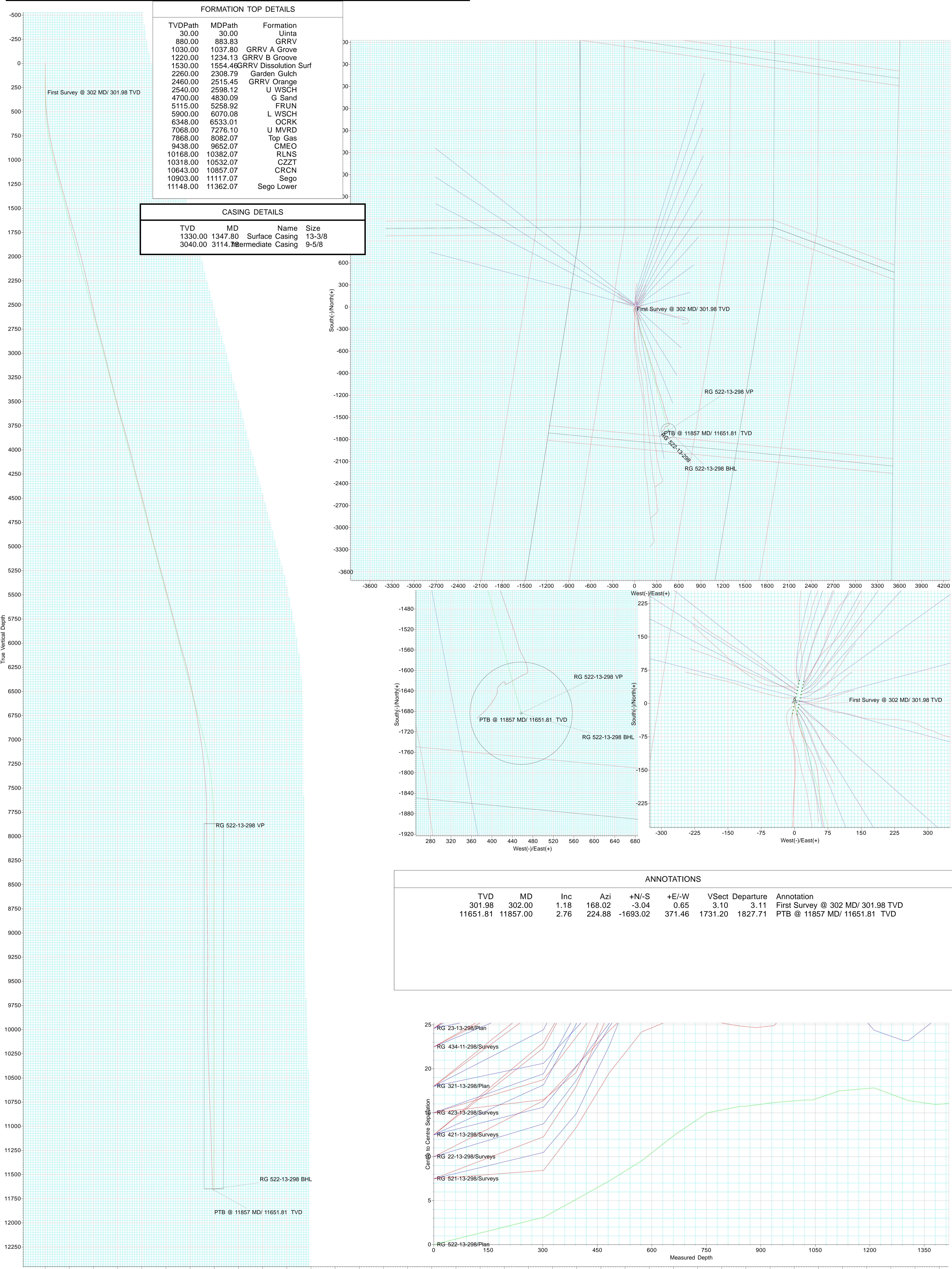
SLOTS				
Slot Name	+N/-S	+E/-W	Northing	Easting
RG 21-13-298	19.93	14.43	1758757.290	2201254.270
RG 22-13-298	-2.07	9.78	1758735.440	2201248.930
RG 23-13-298	-24.07	5.12	1758713.600	2201243.580
RG 24-12-298	49.27	20.66	1758786.420	2201261.410
RG 321-13-298	12.60	12.88	1758750.010	2201252.490
RG 322-13-298	-9.41	8.22	1758728.160	2201247.140
RG 323-13-298	-7.33	-1.56	1758730.540	2201237.430
RG 324-12-298	41.94	19.10	1758779.140	2201259.620
RG 331-14-298	14.67	3.10	1758752.390	2201242.780
RG 334-11-298	29.34	6.21	1758766.950	2201246.350
RG 34-11-298	36.68	7.76	1758774.240	2201248.130
RG 421-13-298	5.27	11.33	1758742.730	2201250.710
RG 422-13-298	-16.74	6.67	1758720.880	2201245.360
RG 423-12-298	51.35	10.88	1758788.800	2201251.700
RG 423-13-298	-14.66	-3.11	1758723.260	2201235.650
RG 424-12-298	34.61	17.54	1758771.860	2201257.840
RG 434-11-298	22.01	4.65	1758759.670	2201244.560
RG 521-13-298	7.33	1.55	1758745.100	2201241.000
RG 522-13-298	0.00	0.00	1758737.820	2201239.220
RG 523-12-298	44.01	9.32	1758781.520	2201249.910
RG 523-13-298	-22.01	-4.66	1758715.970	2201233.870
RG 524-12-298	27.27	15.99	1758764.580	2201256.060

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
VP	7868.00	-1683.62	457.09	1757040.710	2201643.339	39.877571	-108.344927
BHL	11648.00	-1683.62	457.09	1757040.710	2201643.339	39.877571	-108.344927

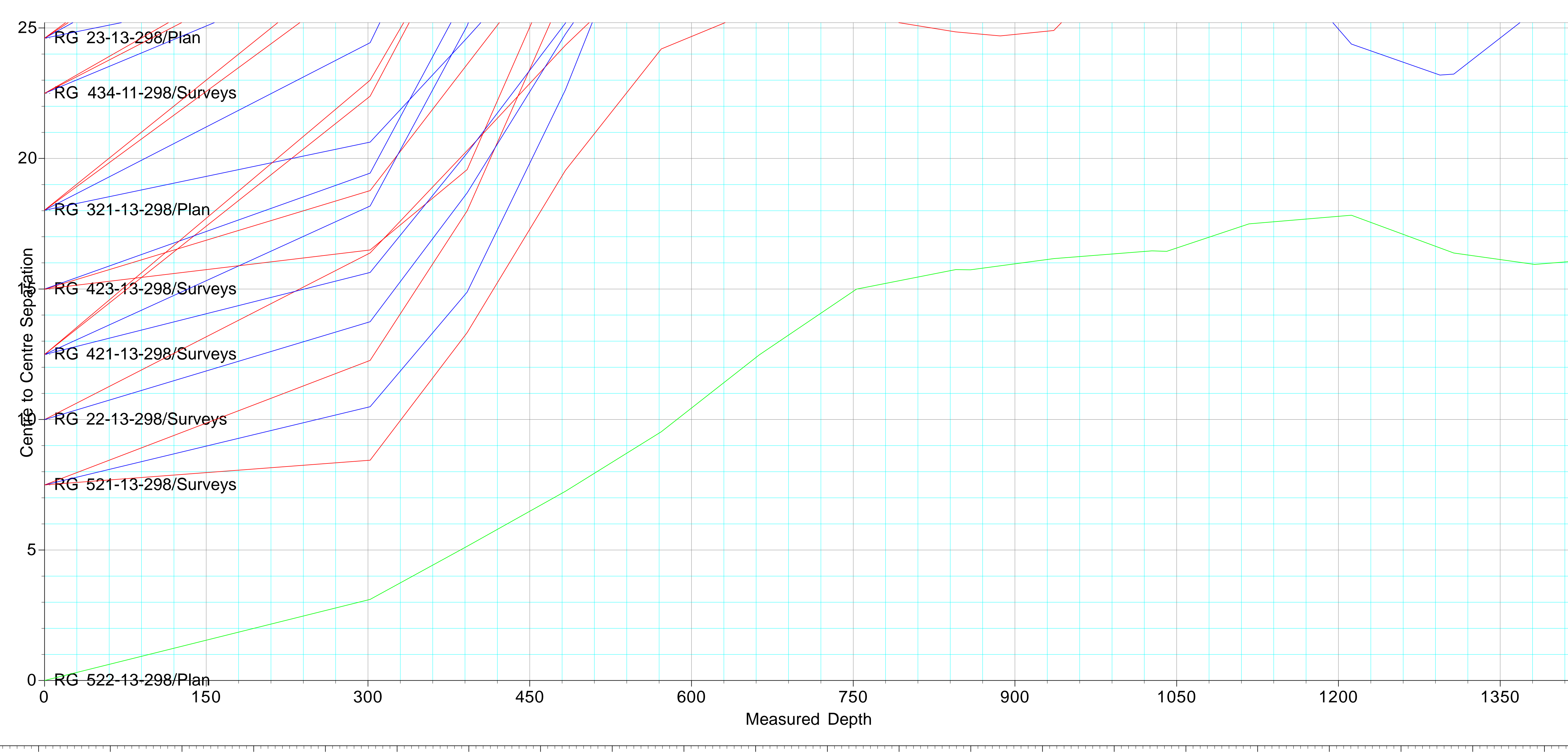
ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation	
301.98	302.00	1.18	168.02	-3.04	0.65	3.10	3.11	First Survey @ 302 MD/ 301.98 TVD	
11651.81	11857.00	2.76	224.88	-1693.02	371.46	1731.20	1827.71	PTB @ 11857 MD/ 11651.81 TVD	

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
30.00	30.00	Uinta
880.00	883.83	GRRV
1030.00	1037.80	GRRV A Grove
1220.00	1234.13	GRRV B Grove
1530.00	1554.46	GRRV Dissolution Surf
2260.00	2308.79	Garden Gulch
2460.00	2515.45	GRRV Orange
2540.00	2598.12	U WSCH
4700.00	4830.09	G Sand
5115.00	5258.92	FRUN
5900.00	6070.08	L WSCH
6348.00	6533.01	OCRK
7068.00	7276.10	U MVRD
7868.00	8082.07	Top Gas
9438.00	9652.07	CMEO
10168.00	10382.07	RLNS
10318.00	10532.07	CZTZ
10643.00	10857.07	CRCN
10903.00	11117.07	Sego
11148.00	11362.07	Sego Lower

CASING DETAILS				
TVD	MD	Name	Size	
1330.00	1347.80	Surface Casing	13-3/8	
3040.00	3114.71	Intermediate Casing	9-5/8	



ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation	
301.98	302.00	1.18	168.02	-3.04	0.65	3.10	3.11	First Survey @ 302 MD/ 301.98 TVD	
11651.81	11857.00	2.76	224.88	-1693.02	371.46	1731.20	1827.71	PTB @ 11857 MD/ 11651.81 TVD	



# **TEP ROCKY MOUNTAIN LLC**

**Rio Blanco County, CO**

**RG 11-13-298 Pad**

**RG 522-13-298 - Slot RG 522-13-298**

**OWB**

**05-103-12583**

**Survey: Surveys**

## **Standard Survey Report**

**30 September, 2024**



Survey Report



<b>Company:</b>	TEP ROCKY MOUNTAIN LLC	<b>Local Co-ordinate Reference:</b>	Well RG 522-13-298 - Slot RG 522-13-298
<b>Project:</b>	Rio Blanco County, CO	<b>TVD Reference:</b>	RKB @ 30' @ 6648.00ft
<b>Site:</b>	RG 11-13-298 Pad	<b>MD Reference:</b>	RKB @ 30' @ 6648.00ft
<b>Well:</b>	RG 522-13-298	<b>North Reference:</b>	True
<b>Wellbore:</b>	OWB	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	NN

<b>Project</b>	Rio Blanco County, CO		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Central Zone		

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

<b>Well</b>	RG 522-13-298 - Slot RG 522-13-298					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	1,758,737.820 usft	<b>Latitude:</b>	39.882193
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,201,239.220 usft	<b>Longitude:</b>	-108.346556
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	6,648.00 ft	<b>Ground Level:</b>	6,618.00 ft

<b>Wellbore</b>	OWB				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	HDGM	7/20/2024	9.03	65.73	50,850

<b>Design</b>	Surveys				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	164.81	

<b>Survey Program</b>	<b>Date</b>	9/23/2024			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
302.00	11,857.00	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
302.00	1.18	168.02	301.98	-3.04	0.65	3.10	0.39	0.39	0.00
392.00	2.90	169.69	391.92	-6.19	1.25	6.30	1.91	1.91	1.86
483.00	4.83	169.34	482.71	-12.22	2.37	12.41	2.12	2.12	-0.38
572.00	6.76	168.90	571.25	-21.04	4.07	21.37	2.17	2.17	-0.49
663.00	9.18	168.46	661.36	-33.41	6.55	33.96	2.66	2.66	-0.48
753.00	9.93	165.38	750.11	-47.95	9.95	48.89	1.01	0.83	-3.42
845.00	10.85	159.14	840.61	-63.72	15.03	65.44	1.58	1.00	-6.78
936.00	13.40	154.92	929.57	-81.28	22.55	84.35	2.96	2.80	-4.64
1,027.00	13.57	149.47	1,018.07	-100.03	32.45	105.03	1.41	0.19	-5.99

Survey Report



<b>Company:</b>	TEP ROCKY MOUNTAIN LLC	<b>Local Co-ordinate Reference:</b>	Well RG 522-13-298 - Slot RG 522-13-298
<b>Project:</b>	Rio Blanco County, CO	<b>TVD Reference:</b>	RKB @ 30' @ 6648.00ft
<b>Site:</b>	RG 11-13-298 Pad	<b>MD Reference:</b>	RKB @ 30' @ 6648.00ft
<b>Well:</b>	RG 522-13-298	<b>North Reference:</b>	True
<b>Wellbore:</b>	OWB	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	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)	
1,117.00	14.89	156.24	1,105.31	-119.71	42.47	126.65	2.36	1.47	7.52	
1,212.00	14.19	169.16	1,197.29	-142.32	49.58	150.34	3.49	-0.74	13.60	
1,307.00	15.42	174.35	1,289.14	-166.33	53.01	174.41	1.90	1.29	5.46	
1,417.00	15.73	176.46	1,395.10	-195.76	55.37	203.43	0.59	0.28	1.92	
1,482.00	14.89	176.37	1,457.79	-212.89	56.45	220.24	1.29	-1.29	-0.14	
1,574.00	15.02	171.89	1,546.68	-236.49	58.88	243.66	1.26	0.14	-4.87	
1,666.00	15.86	169.95	1,635.36	-260.67	62.75	268.01	1.07	0.91	-2.11	
1,757.00	15.95	168.46	1,722.88	-285.17	67.42	292.87	0.46	0.10	-1.64	
1,849.00	15.46	164.86	1,811.44	-309.39	73.16	317.75	1.19	-0.53	-3.91	
1,940.00	15.64	164.15	1,899.11	-332.90	79.67	342.14	0.29	0.20	-0.78	
2,032.00	15.24	159.93	1,987.79	-356.19	87.21	366.59	1.30	-0.43	-4.59	
2,123.00	13.75	159.76	2,075.90	-377.57	95.06	389.28	1.64	-1.64	-0.19	
2,214.00	13.49	159.49	2,164.34	-397.66	102.52	410.62	0.29	-0.29	-0.30	
2,305.00	13.53	158.09	2,252.82	-417.47	110.21	431.76	0.36	0.04	-1.54	
2,396.00	12.91	157.03	2,341.41	-436.71	118.15	452.41	0.73	-0.68	-1.16	
2,487.00	12.65	159.14	2,430.15	-455.38	125.66	472.40	0.59	-0.29	2.32	
2,578.00	12.70	161.78	2,518.94	-474.19	132.34	492.30	0.64	0.05	2.90	
2,670.00	13.18	163.27	2,608.60	-493.84	138.52	512.88	0.64	0.52	1.62	
2,762.00	14.06	160.72	2,698.01	-514.44	145.23	534.52	1.16	0.96	-2.77	
2,853.00	16.08	161.16	2,785.88	-536.80	152.95	558.12	2.22	2.22	0.48	
2,945.00	14.58	158.88	2,874.60	-559.66	161.24	582.36	1.76	-1.63	-2.48	
3,039.00	14.28	162.75	2,965.64	-581.77	168.94	605.71	1.07	-0.32	4.12	
3,093.00	13.84	163.45	3,018.02	-594.32	172.75	618.82	0.87	-0.81	1.30	
3,148.00	12.78	163.98	3,071.54	-606.48	176.30	631.48	1.94	-1.93	0.96	
3,240.00	13.84	161.43	3,161.07	-626.69	182.62	652.64	1.32	1.15	-2.77	
3,333.00	14.37	164.33	3,251.27	-648.34	189.28	675.29	0.95	0.57	3.12	
3,425.00	15.02	166.09	3,340.26	-670.91	195.23	698.62	0.86	0.71	1.91	
3,516.00	12.87	163.71	3,428.57	-692.08	200.90	720.54	2.44	-2.36	-2.62	
3,608.00	15.16	166.35	3,517.83	-713.61	206.62	742.82	2.58	2.49	2.87	
3,699.00	15.33	165.56	3,605.63	-736.82	212.43	766.74	0.29	0.19	-0.87	
3,790.00	16.69	162.39	3,693.10	-760.93	219.38	791.83	1.78	1.49	-3.48	
3,882.00	15.82	162.04	3,781.42	-785.45	227.24	817.55	0.95	-0.95	-0.38	
3,973.00	14.15	161.25	3,869.32	-807.78	234.64	841.04	1.85	-1.84	-0.87	
4,065.00	15.86	161.96	3,958.18	-830.39	242.15	864.82	1.87	1.86	0.77	
4,156.00	14.45	159.41	4,046.02	-852.84	250.00	888.55	1.71	-1.55	-2.80	
4,249.00	13.05	159.14	4,136.35	-873.52	257.82	910.55	1.51	-1.51	-0.29	
4,341.00	13.84	165.65	4,225.83	-893.88	264.24	931.89	1.85	0.86	7.08	
4,433.00	15.11	163.71	4,314.91	-916.05	270.33	954.88	1.48	1.38	-2.11	
4,524.00	15.73	169.25	4,402.64	-939.56	275.96	979.04	1.76	0.68	6.09	
4,616.00	14.63	171.01	4,491.43	-963.29	280.10	1,003.03	1.30	-1.20	1.91	
4,707.00	14.15	171.71	4,579.57	-985.65	283.50	1,025.49	0.56	-0.53	0.77	
4,799.00	13.18	172.68	4,668.97	-1,007.18	286.46	1,047.05	1.08	-1.05	1.05	
4,891.00	12.91	166.00	4,758.60	-1,027.55	290.28	1,067.71	1.66	-0.29	-7.26	
4,982.00	13.93	160.20	4,847.12	-1,047.72	296.45	1,088.80	1.85	1.12	-6.37	

Survey Report



<b>Company:</b>	TEP ROCKY MOUNTAIN LLC	<b>Local Co-ordinate Reference:</b>	Well RG 522-13-298 - Slot RG 522-13-298
<b>Project:</b>	Rio Blanco County, CO	<b>TVD Reference:</b>	RKB @ 30' @ 6648.00ft
<b>Site:</b>	RG 11-13-298 Pad	<b>MD Reference:</b>	RKB @ 30' @ 6648.00ft
<b>Well:</b>	RG 522-13-298	<b>North Reference:</b>	True
<b>Wellbore:</b>	OWB	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	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)	
5,074.00	15.90	161.25	4,936.01	-1,070.08	304.26	1,112.41	2.16	2.14	1.14	
5,165.00	15.60	161.78	5,023.60	-1,093.51	312.09	1,137.07	0.37	-0.33	0.58	
5,257.00	13.88	160.90	5,112.56	-1,115.68	319.57	1,160.44	1.89	-1.87	-0.96	
5,348.00	14.72	162.04	5,200.74	-1,137.00	326.70	1,182.88	0.97	0.92	1.25	
5,440.00	15.95	160.81	5,289.47	-1,160.06	334.46	1,207.16	1.38	1.34	-1.34	
5,532.00	14.23	160.46	5,378.29	-1,182.65	342.40	1,231.05	1.87	-1.87	-0.38	
5,624.00	15.55	164.94	5,467.20	-1,205.22	349.39	1,254.66	1.90	1.43	4.87	
5,715.00	14.32	165.03	5,555.13	-1,227.87	355.47	1,278.11	1.35	-1.35	0.10	
5,807.00	15.33	160.29	5,644.07	-1,250.31	362.51	1,301.61	1.71	1.10	-5.15	
5,899.00	14.32	159.93	5,733.00	-1,272.45	370.51	1,325.07	1.10	-1.10	-0.39	
5,991.00	15.11	163.80	5,821.99	-1,294.65	377.76	1,348.40	1.37	0.86	4.21	
6,083.00	13.88	165.56	5,911.06	-1,316.85	383.86	1,371.42	1.42	-1.34	1.91	
6,174.00	14.54	165.21	5,999.27	-1,338.47	389.50	1,393.76	0.73	0.73	-0.38	
6,266.00	16.83	164.68	6,087.84	-1,362.48	395.97	1,418.63	2.49	2.49	-0.58	
6,358.00	15.60	166.79	6,176.18	-1,387.37	402.31	1,444.31	1.48	-1.34	2.29	
6,449.00	14.10	170.22	6,264.14	-1,410.21	406.99	1,467.58	1.91	-1.65	3.77	
6,541.00	13.00	162.13	6,353.59	-1,431.10	412.07	1,489.07	2.38	-1.20	-8.79	
6,633.00	12.21	160.11	6,443.37	-1,450.10	418.56	1,509.11	0.98	-0.86	-2.20	
6,724.00	11.16	161.52	6,532.48	-1,467.50	424.62	1,527.49	1.20	-1.15	1.55	
6,816.00	10.98	161.60	6,622.77	-1,484.26	430.21	1,545.13	0.20	-0.20	0.09	
6,907.00	10.32	160.20	6,712.20	-1,500.15	435.71	1,561.90	0.78	-0.73	-1.54	
6,999.00	9.66	161.52	6,802.81	-1,515.23	440.94	1,577.82	0.76	-0.72	1.43	
7,090.00	9.40	164.33	6,892.55	-1,529.62	445.37	1,592.88	0.59	-0.29	3.09	
7,182.00	8.52	163.63	6,983.43	-1,543.40	449.32	1,607.20	0.96	-0.96	-0.76	
7,273.00	8.30	162.13	7,073.45	-1,556.11	453.24	1,620.50	0.34	-0.24	-1.65	
7,365.00	6.67	152.55	7,164.67	-1,567.18	457.74	1,632.36	2.23	-1.77	-10.41	
7,456.00	5.31	153.52	7,255.17	-1,575.64	462.05	1,641.65	1.50	-1.49	1.07	
7,547.00	4.79	156.24	7,345.81	-1,582.88	465.46	1,649.54	0.63	-0.57	2.99	
7,639.00	4.26	164.68	7,437.53	-1,589.69	467.91	1,656.76	0.92	-0.58	9.17	
7,730.00	3.91	170.13	7,528.30	-1,596.01	469.34	1,663.22	0.57	-0.38	5.99	
7,822.00	2.10	181.73	7,620.17	-1,600.79	469.82	1,667.96	2.07	-1.97	12.61	
7,914.00	0.65	177.25	7,712.14	-1,602.99	469.80	1,670.08	1.58	-1.58	-4.87	
8,005.00	0.48	196.67	7,803.13	-1,603.87	469.71	1,670.91	0.28	-0.19	21.34	
8,096.00	0.87	223.57	7,894.13	-1,604.74	469.13	1,671.59	0.54	0.43	29.56	
8,188.00	1.01	233.32	7,986.12	-1,605.73	467.99	1,672.25	0.23	0.15	10.60	
8,280.00	1.14	248.26	8,078.10	-1,606.55	466.49	1,672.65	0.33	0.14	16.24	
8,371.00	1.45	246.86	8,169.08	-1,607.34	464.59	1,672.92	0.34	0.34	-1.54	
8,463.00	1.49	250.37	8,261.05	-1,608.20	462.40	1,673.17	0.11	0.04	3.82	
8,554.00	1.36	239.74	8,352.02	-1,609.14	460.35	1,673.54	0.32	-0.14	-11.68	
8,646.00	1.75	237.45	8,443.98	-1,610.45	458.22	1,674.25	0.43	0.42	-2.49	
8,737.00	1.58	248.88	8,534.95	-1,611.65	455.88	1,674.79	0.41	-0.19	12.56	
8,828.00	1.84	238.86	8,625.90	-1,612.85	453.46	1,675.32	0.43	0.29	-11.01	
8,919.00	2.32	239.21	8,716.84	-1,614.55	450.63	1,676.22	0.53	0.53	0.38	

Survey Report



<b>Company:</b>	TEP ROCKY MOUNTAIN LLC	<b>Local Co-ordinate Reference:</b>	Well RG 522-13-298 - Slot RG 522-13-298
<b>Project:</b>	Rio Blanco County, CO	<b>TVD Reference:</b>	RKB @ 30' @ 6648.00ft
<b>Site:</b>	RG 11-13-298 Pad	<b>MD Reference:</b>	RKB @ 30' @ 6648.00ft
<b>Well:</b>	RG 522-13-298	<b>North Reference:</b>	True
<b>Wellbore:</b>	OWB	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	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)	
9,010.00	2.50	243.17	8,807.76	-1,616.39	447.27	1,677.11	0.27	0.20	4.35	
9,102.00	3.07	237.01	8,899.66	-1,618.64	443.42	1,678.27	0.70	0.62	-6.70	
9,193.00	3.12	238.33	8,990.52	-1,621.27	439.27	1,679.72	0.10	0.05	1.45	
9,285.00	3.03	244.92	9,082.39	-1,623.61	434.93	1,680.85	0.40	-0.10	7.16	
9,376.00	3.55	243.43	9,173.24	-1,625.89	430.24	1,681.82	0.58	0.57	-1.64	
9,468.00	1.75	259.69	9,265.14	-1,627.42	426.31	1,682.26	2.10	-1.96	17.67	
9,559.00	1.53	19.66	9,356.12	-1,626.52	425.35	1,681.14	3.12	-0.24	131.84	
9,654.00	1.18	5.25	9,451.09	-1,624.35	425.86	1,679.19	0.51	-0.37	-15.17	
9,748.00	0.83	331.41	9,545.08	-1,622.79	425.63	1,677.62	0.72	-0.37	-36.00	
9,842.00	0.83	287.02	9,639.07	-1,621.99	424.65	1,676.59	0.67	0.00	-47.22	
9,936.00	1.58	254.42	9,733.05	-1,622.14	422.75	1,676.24	1.05	0.80	-34.68	
10,030.00	1.88	221.46	9,827.01	-1,623.65	420.48	1,677.09	1.09	0.32	-35.06	
10,125.00	2.02	226.47	9,921.96	-1,625.97	418.23	1,678.75	0.23	0.15	5.27	
10,219.00	2.37	221.81	10,015.89	-1,628.56	415.74	1,680.59	0.42	0.37	-4.96	
10,312.00	3.07	225.32	10,108.78	-1,631.74	412.69	1,682.86	0.77	0.75	3.77	
10,407.00	1.84	192.80	10,203.70	-1,635.02	410.54	1,685.46	1.91	-1.29	-34.23	
10,501.00	1.66	164.68	10,297.65	-1,637.80	410.56	1,688.16	0.92	-0.19	-29.91	
10,596.00	1.88	187.36	10,392.61	-1,640.67	410.73	1,690.97	0.77	0.23	23.87	
10,691.00	2.02	193.68	10,487.55	-1,643.85	410.13	1,693.88	0.27	0.15	6.65	
10,785.00	2.19	203.09	10,581.49	-1,647.11	409.04	1,696.74	0.41	0.18	10.01	
10,880.00	3.03	206.69	10,676.39	-1,651.02	407.20	1,700.03	0.90	0.88	3.79	
10,974.00	3.29	213.11	10,770.25	-1,655.50	404.61	1,703.68	0.47	0.28	6.83	
11,069.00	3.29	214.87	10,865.09	-1,660.02	401.56	1,707.24	0.11	0.00	1.85	
11,163.00	3.20	215.30	10,958.94	-1,664.37	398.50	1,710.64	0.10	-0.10	0.46	
11,258.00	3.20	215.92	11,053.79	-1,668.69	395.41	1,713.99	0.04	0.00	0.65	
11,353.00	3.12	222.42	11,148.65	-1,672.74	392.11	1,717.04	0.39	-0.08	6.84	
11,447.00	3.12	222.86	11,242.51	-1,676.51	388.65	1,719.77	0.03	0.00	0.47	
11,542.00	3.51	223.21	11,337.35	-1,680.52	384.90	1,722.66	0.41	0.41	0.37	
11,636.00	3.86	228.14	11,431.16	-1,684.73	380.57	1,725.59	0.50	0.37	5.24	
11,730.00	3.33	230.16	11,524.97	-1,688.59	376.12	1,728.15	0.58	-0.56	2.15	
11,795.00	2.76	224.88	11,589.88	-1,690.91	373.57	1,729.71	0.98	-0.88	-8.12	
11,857.00	2.76	224.88	11,651.81	-1,693.02	371.46	1,731.20	0.00	0.00	0.00	

Survey Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
302.00	301.98	-3.04	0.65	First Survey @ 302 MD/ 301.98 TVD	
11,857.00	11,651.81	-1,693.02	371.46	PTB @ 11857 MD/ 11651.81 TVD	

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_