

Calculated by Baker Hughes, Inc.

Job Number: 7636325
Company: Chevron
Lease/Well: Taylor C 2H
Location: MARSHALL COUNTY
Rig Name: Highlands 14
State/Country: WV/ MARSHALL
Country: US

Elevation GL: 1235.00 ft
RKB: 16.67 ft
Projection System: US State Plane 1983
Projection Group: West Virginia Northern Zone
Projection Datum: GRS80
Magnetic Declination: -8.68°
Grid Convergence: 0.76 W (NOT APPLIED - TRUE NORTH)
Date: 11/18/2015

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	Closure Distance (Ft)	DLS %/100	Northing (US ft)	Easting (US ft)	AB/NS From-Plan	LR/EW From-Plan
16.67	0	151.58	16.67	0	0	0	0	0	494606.89	1632365.5	.00	.00
50	0.37	78.58	50	0.02	0.11	0.05	0.11	1.11	1632322.7	494593.33	.00	.00
75	0.37	125	75	-0.01	0.25	0.17	0.25	1.17	1632322.84	494593.3	.00	.00
100	0.66	162.09	100	-0.19	0.36	0.38	0.41	1.71	1632322.95	494593.11	.00	.00
125	0.82	182.7	125	-0.51	0.4	0.64	0.64	1.23	1632322.98	494592.8	.00	.00
150	0.45	181.85	149.99	-0.78	0.39	0.85	0.87	1.48	1632322.96	494592.52	.00	.00
175	0.26	131.21	174.99	-0.92	0.42	0.98	1.01	1.4	1632323	494592.38	.00	.00
200	0.28	215.69	199.99	-1.01	0.43	1.05	1.1	1.45	1632323.01	494592.3	.00	.00
225	0.26	218.94	224.99	-1.1	0.36	1.08	1.16	0.1	1632322.94	494592.2	.00	.00
250	0.23	216.54	249.99	-1.19	0.3	1.1	1.22	0.13	1632322.87	494592.12	.00	.00
275	0.28	218.9	274.99	-1.27	0.23	1.13	1.29	0.2	1632322.8	494592.03	.00	.00
300	0.41	220.65	299.99	-1.39	0.13	1.16	1.39	0.52	1632322.7	494591.92	.00	.00
325	0.73	230.5	324.99	-1.56	-0.05	1.17	1.56	1.33	1632322.52	494591.75	.00	.00
350	0.79	233.58	349.99	-1.76	-0.31	1.17	1.79	0.29	1632322.25	494591.55	.00	.00
375	0.6	232.75	374.99	-1.94	-0.56	1.15	2.02	0.76	1632322.01	494591.37	.00	.00
400	0.47	241.52	399.99	-2.07	-0.75	1.13	2.2	0.61	1632321.81	494591.25	.00	.00
425	0.46	241.56	424.99	-2.17	-0.93	1.09	2.36	0.04	1632321.63	494591.15	.00	.00
450	0.42	258.56	449.98	-2.23	-1.11	1.03	2.49	0.54	1632321.45	494591.09	.00	.00
475	0.46	263.77	474.98	-2.26	-1.3	0.93	2.61	0.23	1632321.26	494591.06	.00	.00
495	0.36	261.71	494.98	-2.28	-1.44	0.85	2.7	0.51	1632321.12	494591.05	.00	.00
590	0.27	87.68	589.98	-2.31	-1.51	0.84	2.76	0.66	1632321.05	494591.02	-.52	-.02
621	0.03	61.28	620.98	-2.31	-1.43	0.88	2.71	0.79	1632321.13	494591.02	-.80	-.03
653	0.39	66.4	652.98	-2.26	-1.32	0.91	2.62	1.13	1632321.24	494591.07	-1.11	.00
684	0.42	66.15	683.98	-2.17	-1.12	0.97	2.44	0.1	1632321.44	494591.15	-1.52	.06
715	0.35	64.59	714.98	-2.09	-0.93	1.02	2.28	0.23	1632321.63	494591.24	-1.91	.12
746	0.48	46.16	745.98	-1.95	-0.75	1.04	2.09	0.6	1632321.81	494591.37	-2.30	.22
778	0.63	45.67	777.98	-1.74	-0.53	1.01	1.82	0.47	1632322.04	494591.58	-2.75	.41
809	0.43	76.32	808.98	-1.59	-0.3	1.05	1.62	1.1	1632322.27	494591.72	-3.20	.52
840	0.3	34.88	839.98	-1.5	-0.14	1.07	1.5	0.92	1632322.43	494591.81	-3.57	.59
871	0.27	226.46	870.98	-1.48	-0.14	1.06	1.49	1.83	1632322.43	494591.83	-3.76	.60
902	0.46	224.15	901.98	-1.62	-0.28	1.08	1.65	0.61	1632322.29	494591.69	-3.86	-.79
933	1.09	242.92	932.97	-1.85	-0.63	1.03	1.95	2.16	1632321.93	494591.47	-3.98	-1.17
965	1.52	243.82	964.96	-2.17	-1.28	0.87	2.52	1.35	1632321.28	494591.16	-4.22	-1.23
996	1.99	224.25	995.95	-2.74	-2.03	0.83	3.41	2.44	1632320.53	494590.6	-4.56	-1.15
1027	2.43	237.83	1026.93	-3.47	-2.96	0.81	4.56	2.2	1632319.58	494589.88	-5.01	-1.05
1058	2.86	235.89	1057.89	-4.26	-4.16	0.66	5.95	1.42	1632318.38	494589.11	-5.55	-.98
1089	3.38	232.67	1088.85	-5.24	-5.52	0.56	7.62	1.77	1632317	494588.14	-6.17	-.94
1120	4.03	225.68	1119.78	-6.56	-7.03	0.63	9.61	2.55	1632315.47	494586.84	-6.81	-1.05
1151	4.83	223.74	1150.69	-8.26	-8.71	0.88	12.01	2.63	1632313.77	494585.16	-7.36	-1.34
1183	5.11	223.77	1182.57	-10.27	-10.63	1.22	14.78	0.88	1632311.83	494583.19	-7.68	-1.69
1214	5.59	222.31	1213.44	-12.38	-12.6	1.6	17.66	1.61	1632309.83	494581.1	-7.79	-2.09
1245	6.02	218.49	1244.28	-14.77	-14.63	2.17	20.79	1.86	1632307.77	494578.74	-7.68	-2.67
1276	6.14	215.57	1275.1	-17.39	-16.6	2.94	24.04	1.07	1632305.76	494576.14	-7.46	-3.46
1307	6.25	215.52	1305.92	-20.11	-18.55	3.82	27.36	0.36	1632303.78	494573.45	-7.15	-4.35
1339	6.75	213.19	1337.72	-23.1	-20.59	4.84	30.95	1.77	1632301.69	494570.48	-6.42	-5.39
1370	6.9	211.82	1368.5	-26.21	-22.57	5.99	34.59	0.71	1632299.67	494567.4	-5.33	-6.56
1401	6.73	212.6	1399.28	-29.32	-24.53	7.16	38.23	0.62	1632297.67	494564.32	-4.00	-7.75
1432	5.66	213.77	1430.1	-32.12	-26.36	8.17	41.55	3.48	1632295.81	494561.54	-2.72	-8.77
1463	4.59	214.92	1460.97	-34.41	-27.92	8.95	44.31	3.47	1632294.22	494559.28	-1.78	-9.57
1495	4.03	219.27	1492.88	-36.33	-29.36	9.53	46.71	2.03	1632292.75	494557.37	-.84	-10.15
1526	3.38	224.86	1523.82	-37.82	-30.7	9.83	48.71	2.4	1632291.39	494555.9	-.01	-10.47
1557	3.02	235.61	1554.77	-38.93	-32.02	9.86	50.41	2.25	1632290.06	494554.81	1.82	-10.50
1588	2.99	243.07	1585.72	-39.76	-33.41	9.62	51.93	1.26	1632288.65	494554	1.78	-10.27
1619	2.77	254.23	1616.69	-40.33	-34.8	9.2	53.45	0.8	1632287.24	494554	1.78	-10.27

Office of Oil and Gas
 Department of Environmental Protection
 04/07/2016

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	Closure Distance (Ft)	DLS %/100	Northing (US ft)	Easting (US ft)	AB/NS From-Plan	LR/EW From-Plan
1650	2.37	255.14	1647.65	-40.7	-36.19	8.58	54.46	1.3	1632285.86	494553.1	3.99	-9.25
1681	1.75	266.31	1678.63	-40.89	-37.28	8.04	55.34	2.37	1632284.77	494552.92	5.04	-8.67
1774	1.75	266.31	1771.59	-40.77	-40.34	6.01	57.35	.00	1632281.72	494553.08	7.35	7.00

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