

REFERENCE WELLPATH IDENTIFICATION

Operator CHEVRON APPALACHIA, LLC  
 Area Marshall County, WV  
 Field Marshall County  
 Facility Taylor C Pad  
 Slot Slot #03  
 Well Taylor C 3H  
 Wellbore Taylor C 3H AWB  
 Wellpath Taylor C 3H AWP Proj: 16079'  
 Sidetrack (none)

REPORT SETUP INFORMATION

Projection : NAD83 / Lambert West Virginia SP, Northern Zone (4701), US feet  
 North Refe TRUE  
 Scale 0.9999948  
 Convergence 0.77° West  
 Software S: WellArchitect® 5.1  
 User Delaset  
 Report Ger 01/Mar/2018 at 15:52  
 Database/S/WA\_MPL\_EasternUS\_Defn/ev1210.xml

WELLPATH Local North Local East Easting Northing Latitude Longitude

	(ft)	(ft)	(US ft)	(US ft)		
Slot Locatic	4.71	14.24	1632331	494616.9	39°51'06.5	80°41'50.707"W
Facility Ref			1632317	494612.4	39°51'06.5	80°41'50.889"W
Field Refer			1644569	516963.8	39°54'48.9	80°39'17.476"W

WELLPATH DATUM

Calculation Minimum curvature  
 Horizontal Slot  
 Vertical Ref Precision 560 (RKB)  
 MD Refere Precision 560 (RKB)  
 Field Vertic Mean Sea Level  
 Precision 5 25.00ft  
 Precision 5 1260.00ft  
 Precision 5 25.00ft  
 Section Ori N 0.00, E 0.00 ft  
 Section Azi 320.28°

WELLPATH DATA † = interpolated/extrapolated station

MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dis	Closure Dir	DLS	Build Rate	Turn Rate	Comments
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	[US ft]	[US ft]			(ft)	(°)	(°/100ft)	(°/100ft)	(°/100ft)	

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2795	0.51	232.7	2790.58	78.13	70.73	-37.12	1632295	494688.1	39°51'07.2	80°41'51.1	79.88	332.308	0.09	0.08	-4.2
2884	0.36	204.94	2879.58	78.02	70.24	-37.55	1632294	494687.6	39°51'07.2	80°41'51.1	79.65	331.867	0.29	-0.17	-31.19
2974	0.19	217.45	2969.58	77.87	69.86	-37.76	1632294	494687.3	39°51'07.2	80°41'51.1	79.42	331.606	0.2	-0.19	13.9
3063	0.1	210.42	3058.58	77.81	69.68	-37.89	1632294	494687.1	39°51'07.2	80°41'51.1	79.32	331.461	0.1	-0.1	-7.9
3152	0.12	315.05	3147.58	77.88	69.68	-38	1632294	494687.1	39°51'07.2	80°41'51.1	79.36	331.394	0.2	0.02	117.56
3242	0.2	312.26	3237.58	78.13	69.85	-38.18	1632294	494687.3	39°51'07.2	80°41'51.1	79.6	331.338	0.09	0.09	-3.1
3331	0.22	330.75	3326.58	78.45	70.1	-38.38	1632293	494687.5	39°51'07.2	80°41'51.1	79.92	331.3	0.08	0.02	20.78
3420	0.28	295.18	3415.58	78.81	70.34	-38.66	1632293	494687.8	39°51'07.2	80°41'51.2	80.27	331.208	0.18	0.07	-39.97
3510	0.33	292.23	3505.57	79.24	70.54	-39.1	1632293	494688.39	51°07.2	80°41'51.2	80.65	331	0.06	0.06	-3.28
3599	0.36	294.67	3594.57	79.72	70.75	-39.59	1632292	494688.2	39°51'07.2	80°41'51.2	81.07	330.769	0.04	0.03	2.74
3688	0.59	295.86	3683.57	80.39	71.07	-40.26	1632292	494688.5	39°51'07.2	80°41'51.2	81.68	330.47	0.26	0.26	1.34
3778	0.57	287.32	3773.57	81.19	71.4	-41.1	1632291	494688.8	39°51'07.2	80°41'51.2	82.39	330.074	0.1	-0.02	-9.49
3867	0.69	288.29	3862.56	82.01	71.7	-42.03	1632290	494689.2	39°51'07.2	80°41'51.2	83.11	329.621	0.14	0.13	1.09
3957	0.61	299.35	3952.55	82.92	72.11	-42.96	1632289	494689.6	39°51'07.2	80°41'51.2	83.94	329.211	0.16	-0.09	12.29
4046	0.76	282.61	4041.55	83.83	72.47	-43.95	1632288	494689.9	39°51'07.2	80°41'51.2	84.76	328.762	0.28	0.17	-18.81
4135	0.66	276.66	4130.54	84.67	72.66	-45.04	1632287	494690.2	39°51'07.2	80°41'51.2	85.48	328.206	0.14	-0.11	-6.69
4225	0.31	269.51	4220.54	85.2	72.71	-45.8	1632286	494690.2	39°51'07.2	80°41'51.2	85.93	327.796	0.39	-0.39	-7.94
4314	0.41	281.8	4309.54	85.6	72.78	-46.35	1632285	494690.3	39°51'07.2	80°41'51.3	86.28	327.508	0.14	0.11	13.81
4403	0.14	252.55	4398.53	85.89	72.81	-46.77	1632285	494690.3	39°51'07.2	80°41'51.3	86.53	327.288	0.33	-0.3	-32.87
4492	0.07	260.3	4487.53	85.96	72.77	-46.92	1632285	494690.3	39°51'07.2	80°41'51.3	86.58	327.185	0.08	-0.08	8.71
4582	0.15	283.9	4577.53	86.08	72.79	-47.09	1632285	494690.3	39°51'07.2	80°41'51.3	86.69	327.098	0.1	0.09	26.22
4671	0.13	224.85	4666.53	86.16	72.74	-47.28	1632284	494690.2	39°51'07.2	80°41'51.3	86.76	326.981	0.16	-0.02	-66.35
4760	0.39	277.57	4755.53	86.38	72.71	-47.65	1632284	494690.2	39°51'07.2	80°41'51.3	86.93	326.764	0.37	0.29	59.24
4850	0.39	279.13	4845.53	86.83	72.8	-48.25	1632284	494690.3	39°51'07.2	80°41'51.3	87.34	326.463	0.01	0	1.73
4939	0.22	312.25	4934.53	87.23	72.96	-48.68	1632283	494690.5	39°51'07.2	80°41'51.3	87.71	326.29	0.27	0.27	37.21
5028	0.4	291.6	5023.53	87.67	73.19	-49.09	1632283	494690.7	39°51'07.2	80°41'51.3	88.13	326.148	0.23	0.2	-23.2
5118	0.28	280.06	5113.53	88.11	73.35	-49.6	1632282	494690.9	39°51'07.2	80°41'51.3	88.54	325.931	0.15	-0.13	-12.82
5207	0.32	292.04	5202.53	88.5	73.48	-50.05	1632282	494691.39	51°07.2	80°41'51.3	88.9	325.741	0.08	0.04	13.46
5296	1.54	13.58	5291.51	89.43	74.73	-50	1632282	494692.3	39°51'07.2	80°41'51.3	89.92	326.218	1.71	1.37	91.62
5386	6.43	21.69	5381.27	92.57	80.6	-47.85	1632284	494698.1	39°51'07.3	80°41'51.3	93.73	329.303	5.46	5.43	9.01
5470	9.25	26.38	5464.48	97.56	91.02	-43.11	1632289	494708.5	39°51'07.4	80°41'51.2	100.71	334.656	3.44	3.36	5.58
5494	9.24	29.11	5488.17	99.03	94.43	-41.32	1632291	494711.9	39°51'07.4	80°41'51.2	103.07	336.369	1.83	-0.04	11.37
5583	14.28	45.4	5575.29	102.55	108.39	-30.01	1632302	494725.7	39°51'07.6	80°41'51.0	112.47	344.523	6.73	5.66	18.3
5673	20.64	49.77	5661.11	103.64	126.45	-9.98	1632323	494743.5	39°51'07.8	80°41'50.8	126.84	355.488	7.21	7.07	4.86
5762	27.74	52.44	5742.24	103	149.24	18.45	1632351	494765.9	39°51'08.0	80°41'50.4	150.37	7.049	8.07	7.98	3
5852	32.91	51.15	5819.9	101.83	177.36	54.12	1632387	494793.5	39°51'08.3	80°41'50.0	185.43	16.97	5.79	5.74	-1.43
5941	32.65	50.47	5894.73	101.39	207.81	91.47	1632425	494823.5	39°51'08.6	80°41'49.5	227.05	23.758	0.51	-0.29	-0.76
6031	33.49	51.41	5970.15	100.82	238.75	129.6	1632464	494853.9	39°51'08.9	80°41'49.0	271.66	28.495	1.09	0.93	1.04
6120	33.59	49.85	6044.33	100.52	269.94	167.62	1632502	494884.6	39°51'09.2	80°41'48.5	317.75	31.838	0.97	0.11	-1.75
6209	34.7	35.86	6118.1	107.02	306.4	201.33	1632536	494920.6	39°51'09.5	80°41'48.1	366.63	33.308	8.89	-1.25	-15.72
6299	37.42	19.27	6191.03	127.54	353.1	225.42	1632561	494966.9	39°51'10.0	80°41'47.8	418.92	32.555	11.23	3.02	-18.43
6388	41.21	5.33	6260.01	162.27	407.94	237.1	1632573	495021.6	39°51'10.5	80°41'47.6	471.84	30.165	10.78	4.26	-15.66
6477	46.25	356.06	6324.37	209.14	469.31	237.61	1632575	495083.39	51°11.1	80°41'47.6	526.03	26.853	9.15	5.66	-10.42
6567	52.53	350.26	6382.95	266.53	537.04	229.32	1632567	495150.8	39°51'11.8	80°41'47.7	583.95	23.123	8.52	6.98	-6.44
6657	59.09	347.1	6433.5	332.01	609.96	214.64	1632554	495223.9	39°51'12.5	80°41'47.9	646.63	19.387	7.84	7.29	-3.51
6746	64.33	342.23	6475.69	403.36	685.46	193.86	1632534	495299.7	39°51'13.3	80°41'48.2	712.35	15.791	7.61	5.89	-5.47
6835	70.85	335.87	6509.63	481.21	762.17	164.37	1632505	495376.8	39°51'14.0	80°41'48.5	779.69	12.17	9.86	7.33	-7.15

BH AT Curve IFR <8-1/2"> (5386)(5470-16054)

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6924	77.82	331.88	6533.66	564.44	839.02	126.62	1632469	495454.1	39°51'14.8	80°41'49.0	848.52	8.582	8.94	7.83	-4.48
7014	82.63	329.7	6548.93	651.62	916.4	83.35	1632426	495532.1	39°51'15.6	80°41'49.6	920.19	5.197	5.85	5.34	-2.42
7103	87.45	328.27	6556.63	739.23	992.37	37.67	1632382	495608.6	39°51'16.3	80°41'50.2	993.08	2.174	5.65	5.42	-1.61
7193	91.41	325.89	6557.52	828.57	1067.89	-11.23	1632334	495684.8	39°51'17.1	80°41'50.8	1067.95	359.398	5.13	4.4	-2.64
7282	90.4	320.07	6556.11	917.42	1138.91	-64.78	1632281	495756.5	39°51'17.8	80°41'51.5	1140.75	356.744	6.64	-1.13	-6.54
7371	90.43	315.46	6555.47	1006.31	1204.79	-124.59	1632222	495823.2	39°51'18.4	80°41'52.3	1211.21	354.096	5.18	0.03	-5.18
7461	91.35	314.37	6554.07	1095.9	1268.32	-188.31	1632159	495887.6	39°51'19.0	80°41'53.1	1282.23	351.555	1.58	1.02	-1.21
7550	89.82	312.63	6553.16	1184.27	1329.58	-252.86	1632096	495949.7	39°51'19.6	80°41'53.9	1353.41	349.232	2.6	-1.72	-1.96
7640	89.72	314.68	6553.52	1273.66	1391.7	-317.98	1632031	496012.6	39°51'20.3	80°41'54.7	1427.57	347.13	2.28	-0.11	2.28
7729	89.75	317.79	6553.94	1362.43	1455.97	-379.53	1631971	496077.7	39°51'20.9	80°41'55.5	1504.62	345.39	3.49	0.03	3.49
7819	89.57	322.72	6554.47	1452.4	1525.15	-437.05	1631914	496147.7	39°51'21.6	80°41'56.3	1586.53	344.01	5.48	-0.2	5.48
7908	90.83	325.24	6554.16	1541.21	1597.12	-489.39	1631863	496220.3	39°51'22.3	80°41'56.9	1670.42	342.964	3.17	1.42	2.83
7997	90.77	324.22	6552.92	1629.93	1669.78	-540.77	1631812	496293.7	39°51'23.0	80°41'57.6	1755.16	342.055	1.15	-0.07	-1.15
8087	90.8	322.67	6551.68	1719.78	1742.07	-594.37	1631760	496366.6	39°51'23.7	80°41'58.3	1840.67	341.161	1.72	0.03	-1.72
8176	90.77	320.39	6550.46	1808.74	1811.74	-649.73	1631705	496437.3	39°51'24.4	80°41'59.0	1924.72	340.271	2.56	-0.03	-2.56
8266	90.86	319.12	6549.18	1898.73	1880.42	-707.87	1631648	496506.5	39°51'25.1	80°41'59.7	2009.25	339.372	1.41	0.1	-1.41
8355	90.77	317.77	6547.92	1987.67	1947.02	-766.9	1631590	496573.9	39°51'25.7	80°42'00.5	2092.61	338.501	1.52	-0.1	-1.52
8445	91.23	318.02	6546.35	2077.58	2013.78	-827.23	1631531	496641.4	39°51'26.4	80°42'01.3	2177.06	337.668	0.58	0.51	0.28
8534	89.2	316.96	6546.01	2166.47	2079.38	-887.37	1631471	496707.8	39°51'27.1	80°42'02.0	2260.8	336.89	2.57	-2.28	-1.19
8624	90.4	320.32	6546.33	2256.42	2146.92	-946.83	1631413	496776.1	39°51'27.7	80°42'02.8	2346.43	336.202	3.96	1.33	3.73
8713	90.03	318.75	6545.99	2345.41	2214.63	-1004.58	1631356	496844.6	39°51'28.4	80°42'03.5	2431.82	335.6	1.81	-0.42	-1.76
8803	90.06	319.9	6545.92	2435.39	2282.89	-1063.24	1631298	496913.6	39°51'29.1	80°42'04.3	2518.34	335.027	1.28	0.03	1.28
8892	89.97	320.01	6545.9	2524.39	2351.02	-1120.5	1631242	496982.5	39°51'29.7	80°42'05.0	2604.38	334.517	0.16	-0.1	0.12
8982	90.09	319.9	6545.85	2614.39	2419.92	-1178.41	1631185	497052.2	39°51'30.4	80°42'05.8	2691.59	334.036	0.18	0.13	-0.12
9071	90	321.64	6545.78	2703.38	2488.86	-1234.69	1631130	497121.9	39°51'31.1	80°42'06.5	2778.28	333.615	1.96	-0.1	1.96
9161	90.06	320.07	6545.74	2793.37	2558.65	-1291.51	1631074	497192.4	39°51'31.8	80°42'07.2	2866.13	333.217	1.75	0.07	-1.74
9251	89.97	320.42	6545.71	2883.37	2627.84	-1349.06	1631017	497262.4	39°51'32.5	80°42'08.0	2953.9	332.825	0.4	-0.1	0.39
9340	90.4	324.19	6545.42	2972.3	2698.25	-1403.47	1630964	497333.5	39°51'33.2	80°42'08.7	3041.43	332.519	4.26	0.48	4.24
9430	90.58	324.51	6544.66	3062.07	2771.38	-1455.92	1630912	497407.3	39°51'33.9	80°42'09.3	3130.54	332.285	0.41	0.2	0.36
9519	90.77	326.2	6543.61	3150.71	2844.6	-1506.51	1630862	497481.2	39°51'34.6	80°42'10.0	3218.9	332.094	1.91	0.21	1.9
9609	91.63	326.48	6541.72	3240.19	2919.49	-1556.39	1630814	497556.7	39°51'35.4	80°42'10.6	3308.44	331.938	1	0.96	0.31
9698	91.45	321.16	6539.33	3328.96	2991.27	-1608.89	1630762	497629.2	39°51'36.1	80°42'11.3	3396.5	331.726	5.98	-0.2	-5.98
9787	90.95	316.76	6537.46	3417.89	3058.37	-1667.3	1630705	497697.1	39°51'36.7	80°42'12.0	3483.32	331.403	4.97	-0.56	-4.94
9877	90.83	313.94	6536.07	3507.54	3122.38	-1730.53	1630642	497761.9	39°51'37.4	80°42'12.8	3569.88	331.003	3.14	-0.13	-3.13
9966	90.58	317.61	6534.97	3596.24	3186.15	-1792.59	1630581	497826.5	39°51'38.0	80°42'13.6	3655.81	330.637	4.13	-0.28	4.12
10055	90.89	319.23	6533.83	3685.18	3252.71	-1851.65	1630523	497893.8	39°51'38.6	80°42'14.4	3742.83	330.349	1.85	0.35	1.82
10145	90.8	312.27	6532.5	3774.84	3317.13	-1914.41	1630461	497959.1	39°51'39.3	80°42'15.2	3829.93	330.01	7.73	-0.1	-7.73
10234	90.37	312.65	6531.59	3863.01	3377.21	-1980.06	1630396	498020.3	39°51'39.9	80°42'16.0	3914.87	329.617	0.64	-0.48	0.43
10324	90.31	318.2	6531.06	3952.65	3441.3	-2043.2	1630334	498084.9	39°51'40.5	80°42'16.9	4002.15	329.301	6.17	-0.07	6.17
10413	90.8	321.4	6530.19	4041.63	3509.26	-2100.64	1630277	498153.7	39°51'41.2	80°42'17.6	4089.94	329.095	3.64	-0.55	3.6
10502	90.86	318.73	6528.9	4130.61	3577.49	-2157.76	1630221	498222.6	39°51'41.9	80°42'18.3	4177.84	328.904	3	0.07	-3
10592	90.8	316.28	6527.6	4220.49	3643.84	-2218.54	1630161	498289.8	39°51'42.5	80°42'19.1	4266.09	328.665	2.72	-0.07	-2.72
10681	90.52	315.95	6526.58	4309.25	3707.98	-2280.24	1630100	498354.7	39°51'43.1	80°42'19.9	4353	328.41	0.49	-0.31	-0.37
10771	90.37	315.49	6525.88	4398.96	3772.41	-2343.07	1630038	498420.3	39°51'43.8	80°42'20.7	4440.84	328.155	0.54	-0.17	-0.51
10860	90.18	318.22	6525.45	4487.79	3837.34	-2403.93	1629978	498485.7	39°51'44.4	80°42'21.5	4528.14	327.935	3.07	-0.21	3.07
10950	89.94	323.53	6525.35	4577.75	3907.14	-2460.7	1629923	498556.3	39°51'45.1	80°42'22.2	4617.44	327.797	5.91	-0.27	5.9
11039	90.62	324.43	6524.92	4666.56	3979.12	-2513.03	1629871	498629.3	39°51'45.8	80°42'22.9	4706.24	327.725	1.27	0.76	1.01

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11129	90.52	320.59	6524.02	4756.47	4050.51	-2567.8	1629817	498701.1	39°51'46.5"	80°42'23.6"	4795.86	327.628	4.27	-0.11	-4.27
11218	90.37	320.55	6523.33	4845.47	4119.25	-2624.32	1629762	498770.5	39°51'47.2"	80°42'24.3"	4884.19	327.499	0.17	-0.17	-0.04
11308	90.52	325.16	6522.63	4935.35	4190.97	-2678.65	1629708	498843	39°51'47.9"	80°42'25.0"	4973.87	327.415	5.12	0.17	5.12
11397	90.43	327.58	6521.9	5023.84	4265.07	-2727.94	1629660	498917.7	39°51'48.7"	80°42'25.6"	5062.85	327.397	2.72	-0.1	2.72
11487	91.82	327.16	6520.13	5113.13	4340.85	-2776.45	1629613	498994.1	39°51'49.4"	80°42'26.3"	5152.83	327.397	1.61	1.54	-0.47
11576	92.65	323.39	6516.66	5201.71	4413.93	-2827.1	1629563	499067.9	39°51'50.1"	80°42'26.9"	5241.69	327.361	4.33	0.93	-4.24
11665	91.26	319.29	6513.62	5290.62	4483.37	-2882.66	1629508	499138.1	39°51'50.8"	80°42'27.6"	5330.13	327.26	4.86	-1.56	-4.61
11755	90.92	316.06	6511.91	5380.5	4549.89	-2943.24	1629449	499205.4	39°51'51.5"	80°42'28.4"	5418.87	327.102	3.61	-0.38	-3.59
11844	90.28	316.3	6510.97	5469.27	4614.1	-3004.86	1629388	499270.4	39°51'52.1"	80°42'29.2"	5506.27	326.926	0.77	-0.72	0.27
11934	89.63	320.55	6511.05	5559.2	4681.41	-3064.57	1629329	499338.5	39°51'52.8"	80°42'30.0"	5595.28	326.79	4.78	-0.72	4.72
12024	91.11	326.99	6510.46	5648.98	4753.97	-3117.73	1629277	499411.7	39°51'53.5"	80°42'30.6"	5685.11	326.742	7.34	1.64	7.16
12113	90.95	324.03	6508.86	5737.59	4827.3	-3168.11	1629228	499485.7	39°51'54.2"	80°42'31.3"	5774.06	326.723	3.33	-0.18	-3.33
12203	90.92	320.95	6507.39	5827.5	4898.68	-3222.9	1629174	499557.8	39°51'54.9"	80°42'32.0"	5863.8	326.659	3.42	-0.03	-3.42
12293	90.77	319.98	6506.07	5917.49	4968.08	-3280.18	1629117	499628	39°51'55.6"	80°42'32.7"	5953.27	326.565	1.09	-0.17	-1.08
12382	90.8	321.94	6504.85	6006.47	5037.2	-3336.23	1629062	499697.8	39°51'56.3"	80°42'33.4"	6041.84	326.483	2.2	0.03	2.2
12472	90.92	323.97	6503.5	6096.35	5109.02	-3390.44	1629009	499770.4	39°51'57.0"	80°42'34.1"	6131.65	326.431	2.26	0.13	2.26
12562	90.83	322.75	6502.12	6186.21	5181.23	-3444.15	1628956	499843.3	39°51'57.7"	80°42'34.8"	6221.51	326.387	1.36	-0.1	-1.36
12652	90.83	321.57	6500.82	6276.15	5252.29	-3499.35	1628802	499915.1	39°51'58.4"	80°42'35.5"	6311.26	326.326	1.31	0	-1.31
12741	90.8	319.8	6499.55	6365.14	5321.14	-3555.73	1628647	499984.7	39°51'59.1"	80°42'36.3"	6399.82	326.248	1.99	-0.03	-1.99
12831	90.77	318.69	6498.32	6455.11	5389.31	-3614.48	1628789	500053.6	39°51'59.8"	80°42'37.0"	6489.15	326.151	1.23	-0.03	-1.23
12920	90.8	317	6497.1	6544.02	5455.28	-3674.2	1628730	500120.4	39°52'00.4"	80°42'37.8"	6577.22	326.039	1.9	0.03	-1.9
13009	90.8	316.17	6495.86	6632.83	5519.92	-3735.36	1628670	500185.8	39°52'01.1"	80°42'38.6"	6665.02	325.914	0.93	0	-0.93
13099	90.74	316.47	6494.65	6722.6	5585	-3797.52	1628608	500251.7	39°52'01.7"	80°42'39.4"	6753.77	325.786	0.34	-0.07	0.33
13188	90.74	317.83	6493.5	6811.46	5650.24	-3858.04	1628549	500317.8	39°52'02.3"	80°42'40.1"	6841.76	325.674	1.53	0	1.53
13278	90.86	318.83	6492.24	6901.4	5717.47	-3917.87	1628490	500385.8	39°52'03.0"	80°42'40.9"	6931.02	325.579	1.12	0.13	1.11
13367	90.74	319.5	6491	6990.37	5784.8	-3976.05	1628432	500453.9	39°52'03.7"	80°42'41.6"	7019.46	325.498	0.76	-0.13	0.75
13457	90.77	319.19	6489.81	7080.35	5853.07	-4034.68	1628375	500522.9	39°52'04.3"	80°42'42.4"	7108.94	325.42	0.35	0.03	-0.34
13547	90.77	317.03	6488.6	7170.27	5920.06	-4094.77	1628316	500590.7	39°52'05.0"	80°42'43.2"	7198.21	325.329	2.4	0	-2.4
13636	90.77	317.93	6487.41	7259.16	5985.65	-4154.91	1628256	500657.1	39°52'05.7"	80°42'43.9"	7286.38	325.234	1.01	0	1.01
13726	90.68	320.27	6486.27	7349.13	6053.66	-4213.83	1628198	500725.9	39°52'06.3"	80°42'44.7"	7375.85	325.159	2.6	-0.1	2.6
13815	90.71	321.7	6485.19	7438.11	6122.81	-4269.85	1628143	500795.7	39°52'07.0"	80°42'45.4"	7464.61	325.109	1.61	0.03	1.61
13905	90.8	322.96	6484	7528.04	6194.04	-4324.85	1628089	500867.7	39°52'07.7"	80°42'46.1"	7554.5	325.076	1.4	0.1	1.4
13995	90.83	322.87	6482.72	7617.94	6265.83	-4379.11	1628036	500940.2	39°52'08.4"	80°42'46.8"	7644.42	325.051	0.11	0.03	-0.1
14084	90.83	323.74	6481.43	7706.81	6337.18	-4432.29	1627984	501012.3	39°52'09.1"	80°42'47.5"	7733.37	325.031	0.98	0	0.98
14174	90.86	324.48	6480.11	7796.59	6410.09	-4485.04	1627932	501085.9	39°52'09.8"	80°42'48.2"	7823.35	325.02	0.82	0.03	0.82
14264	90.77	323.98	6478.83	7886.37	6483.1	-4537.65	1627880	501159.6	39°52'10.6"	80°42'48.9"	7913.33	325.011	0.56	-0.1	-0.56
14353	90.8	324.53	6477.61	7975.15	6555.33	-4589.63	1627829	501232.5	39°52'11.3"	80°42'49.5"	8002.32	325.003	0.62	0.03	0.62
14443	90.68	323.52	6476.44	8064.95	6628.16	-4642.5	1627777	501306	39°52'12.0"	80°42'50.2"	8092.3	324.992	1.13	-0.13	-1.12
14532	90.83	322.57	6475.27	8153.84	6699.27	-4696	1627725	501377.8	39°52'12.7"	80°42'50.9"	8181.24	324.971	1.08	0.17	-1.07
14622	90.71	320.62	6474.06	8243.8	6769.79	-4751.9	1627670	501449.1	39°52'13.4"	80°42'51.6"	8271.07	324.934	2.17	-0.13	-2.17
14711	90.8	319.51	6472.89	8332.79	6838.03	-4809.02	1627614	501518.1	39°52'14.1"	80°42'52.3"	8359.74	324.882	1.25	0.1	-1.25
14801	90.8	320.75	6471.63	8422.78	6907.09	-4866.71	1627557	501587.9	39°52'14.8"	80°42'53.1"	8449.43	324.832	1.38	0	1.38
14890	90.77	322.31	6470.41	8511.75	6976.77	-4922.07	1627502	501658.3	39°52'15.4"	80°42'53.8"	8538.27	324.797	1.75	-0.03	1.75
14980	90.74	322.48	6469.23	8601.68	7048.06	-4976.99	1627449	501730.3	39°52'16.2"	80°42'54.5"	8628.18	324.772	0.19	-0.03	0.19
15070	90.68	322.86	6468.11	8691.59	7119.62	-5031.56	1627395	501802.6	39°52'16.9"	80°42'55.2"	8718.12	324.75	0.43	-0.07	0.42
15159	90.34	326.55	6467.32	8780.31	7192.24	-5082.97	1627344	501875.9	39°52'17.6"	80°42'55.8"	8807.1	324.75	4.16	-0.38	4.15
15249	90.74	330.02	6466.47	8869.41	7268.79	-5130.27	1627298	501953	39°52'18.3"	80°42'56.5"	8896.91	324.786	3.88	0.44	3.86

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15339	90.71	329.16	6465.33	8958.22	7346.4	-5175.83	1627254	502031.2	39°52'19.1	80°42'57.0'	8986.59	324.834	0.96	-0.03	-0.96
15428	90.74	332.72	6464.21	9045.66	7424.18	-5219.04	1627212	502109.6	39°52'19.9	80°42'57.6'	9075.07	324.894	4	0.03	4
15517	90.74	335.7	6463.06	9132.03	7504.3	-5257.76	1627174	502190.2	39°52'20.7	80°42'58.1'	9162.89	324.984	3.35	0	3.35
15607	90.83	336.92	6461.82	9218.52	7586.7	-5293.92	1627139	502273.1	39°52'21.5	80°42'58.6'	9251.14	325.093	1.36	0.1	1.36
15697	90.77	338.08	6460.57	9304.47	7669.84	-5328.35	1627105	502356.7	39°52'22.3	80°42'59.0'	9339.05	325.212	1.29	-0.07	1.29
15786	91.42	336.89	6458.87	9389.47	7752.04	-5362.43	1627073	502439.3	39°52'23.1	80°42'59.4'	9426.02	325.327	1.52	0.73	-1.34
15875	90.34	332.61	6457.5	9475.62	7832.51	-5400.38	1627036	502520.3	39°52'23.9	80°42'59.9'	9513.79	325.414	4.96	-1.21	-4.81
15965	90.03	328.72	6457.21	9564.13	7910.95	-5444.46	1626993	502599.3	39°52'24.7	80°43'00.5'	9603.4	325.464	4.34	-0.34	-4.32
16054	90.03	327.86	6457.16	9652.26	7986.67	-5491.24	1626947	502675.6	39°52'25.4	80°43'01.1'	9692.29	325.489	0.97	0	-0.97
16079	90.03	327.86	6457.15	9677.04	8007.84	-5504.54	1626934	502697	39°52'25.6	80°43'01.3'	9717.27	325.496	0	0	0

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HOLE AND CASING SECTIONS Ref Wellbore: Taylor C 3H AWB Ref Wellpath: Taylor C 3H AWP Proj: 16079'

String/Dian Start MD	End MD	Interval	Start TVD	End TVD	Start N/S	Start E/W	End N/S	End E/W
17.5in Ope	25	558.33	533.33	25	558.33	0	0	-0.7
13.375in C	25	558.33	533.33	25	558.33	0	0	-0.7
12.25in Op	558.33	2200	1641.67	558.33	2195.71	0.9	-0.7	78.84
9.625in Cai	25	2200	2175	25	2195.71	0	0	78.84
8.5in Open	2200	16079	13879	2195.71	6457.15	78.84	-39.17	8007.84
5.5in Casin	25	16079	16054	25	6457.15	0	0	8007.84

T A R G E T S

Name	TVD	North	East	Grid East	Grid North	Latitude	Longitude	Shape	Comment
Taylor C 3I-	6475.59	8015.24	-5494.89	1626944	502704.2	39°52'25.7	80°43'01.1	point	
Taylor C 3I-	6486.48	6919.29	-4913.11	1627511	501600.7	39°52'14.9	80°42'53.7	point	
Taylor C 3I-	6554	967.64	30.91	1632375	495584	39°51'16.1	80°41'50.3	point	
Taylor C LL	7008.33	-4.71	-14.24	1632317	494612.4	39°51'06.5	80°41'50.8	polygon	
Taylor C LL	7008.33	-4.71	-14.24	1632317	494612.4	39°51'06.5	80°41'50.8	polygon	
Taylor C LL	7008.33	-4.71	-14.24	1632317	494612.4	39°51'06.5	80°41'50.8	polygon	

WELLPATH COMPOSITION Ref Wellbore: Taylor C 3H AWB Ref Wellpath: Taylor C 3H AWP Proj: 16079'

Log Name/	Start MD	End MD	Pos	Unc Model
01_Gyroda	25	517.33	BH	Generic gyro - northseeking (Standard)
02_BH1 Na	517.33	2185	Navittrak	(Magcorr+IFR1)
03_BH1 Na	2185	5386	Navittrak	(Magcorr+IFR1)
04_BH1 AT	5386	16054	BH	AutoTrak Curve (IFR1, Short)
Projection	16054	16079	Blind Drilling	(std)

C O M M E N T S

Wellpath general comments  
 APl: 47-051-01802-0000  
 BH1 Job #: 8903716  
 Rig: Precision 560  
 Duration: 02/09/2018-02/14/2018

Gyrodatta MS Gyro <17-1/2>(50'-509')"  
BHI Navitrak IFR Axial <12-1/4>(517.33')(665'-2185')"  
BHI Navitrak IFR Axial <8-1/2> (2185')(2260'-5386')"  
BHI AT Curve IFR <8-1/2> (5386')(5470'-16054')"  
Projected MD at TD: 16079'

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