



# Actual Wellpath Report

Taylor B 7H AWP Proj: 15944'  
Page 1 of 11



## REFERENCE WELLPATH IDENTIFICATION

Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #07
Area	Marshall County, WV	Well	Taylor B 7H
Field	Marshall County	Wellbore	Taylor B 7H AWB
Facility	Taylor B Pad		

## REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 5.1
North Reference	True	User	Edsaryar
Scale	0.999949	Report Generated	25/Nov/2017 at 15:50
Convergence at slot	0.76° West	Database/Source file	WA_MPL_EASTERNUS_Defn/Taylor_B_7H_AWP_Proj_15944_.xml

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-25.97	84.43	1635049.09	496408.66	39°51'24.615"N	80°41'16.159"W
Facility Reference Pt			1634965.02	496435.74	39°51'24.872"N	80°41'17.241"W
Field Reference Pt			1644569.15	516963.83	39°54'48.972"N	80°39'17.476"W

## WELLPATH DATUM

Calculation method	Minimum curvature	Precision 560 (RKB) to Facility Vertical Datum	25.00ft
Horizontal Reference Pt	Slot	Precision 560 (RKB) to Mean Sea Level	1235.00ft
Vertical Reference Pt	Precision 560 (RKB)	Precision 560 (RKB) to Mud Line at Slot (Slot #07)	25.00ft
MD Reference Pt	Precision 560 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	140.74°

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Page 2 of 11



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Facility	Taylor B Pad		

## WELLPATH DATA (218 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
0.00†	0.000	193.350	0.00	0.00	0.00	0.00	1635049.09	496408.66	39°51'24.615"N	80°41'16.159"W	0.00	0.000	0.00	0.00	0.00
25.00	0.000	193.350	25.00	0.00	0.00	0.00	1635049.09	496408.66	39°51'24.615"N	80°41'16.159"W	0.00	0.000	0.00	0.00	0.00
58.33	0.430	193.350	58.33	0.08	-0.12	-0.03	1635049.06	496408.54	39°51'24.614"N	80°41'16.159"W	0.13	193.350	1.29	1.29	-500.00
83.33	0.520	188.070	83.33	0.21	-0.33	-0.07	1635049.02	496408.34	39°51'24.612"N	80°41'16.160"W	0.33	191.548	0.40	0.36	-21.12
108.33	0.530	187.270	108.33	0.37	-0.55	-0.10	1635048.99	496408.11	39°51'24.610"N	80°41'16.160"W	0.56	189.963	0.05	0.04	-3.20
133.33	0.550	193.870	133.33	0.52	-0.78	-0.14	1635048.94	496407.88	39°51'24.608"N	80°41'16.161"W	0.80	190.161	0.26	0.08	26.40
158.33	0.540	190.830	158.33	0.67	-1.02	-0.19	1635048.89	496407.65	39°51'24.605"N	80°41'16.161"W	1.03	190.667	0.12	-0.04	-12.16
183.33	0.560	194.550	183.32	0.81	-1.25	-0.24	1635048.83	496407.41	39°51'24.603"N	80°41'16.162"W	1.27	191.055	0.16	0.08	14.88
208.33	0.670	210.690	208.32	0.94	-1.49	-0.35	1635048.72	496407.17	39°51'24.601"N	80°41'16.163"W	1.53	193.168	0.82	0.44	64.56
233.33	0.770	221.020	233.32	1.01	-1.75	-0.53	1635048.53	496406.92	39°51'24.598"N	80°41'16.166"W	1.83	197.014	0.65	-0.46	41.32
258.33	0.750	234.050	258.32	1.03	-1.97	-0.78	1635048.29	496406.70	39°51'24.596"N	80°41'16.169"W	2.12	201.537	0.69	-0.08	52.12
283.33	0.680	242.260	283.32	0.99	-2.13	-1.04	1635048.02	496406.54	39°51'24.594"N	80°41'16.172"W	2.37	205.999	0.50	-0.28	32.84
308.33	0.480	251.840	308.32	0.93	-2.24	-1.27	1635047.79	496406.44	39°51'24.593"N	80°41'16.175"W	2.57	209.630	0.89	-0.80	38.32
333.33	0.350	276.550	333.31	0.83	-2.26	-1.45	1635047.61	496406.42	39°51'24.593"N	80°41'16.177"W	2.68	212.634	0.87	-0.52	98.84
358.33	0.470	295.360	358.31	0.69	-2.21	-1.62	1635047.45	496406.47	39°51'24.594"N	80°41'16.180"W	2.73	216.203	0.72	0.48	75.24
383.33	0.530	308.770	383.31	0.48	-2.09	-1.80	1635047.26	496406.59	39°51'24.595"N	80°41'16.182"W	2.76	220.700	0.52	0.24	53.64
408.33	0.370	343.160	408.31	0.29	-1.94	-1.91	1635047.15	496406.74	39°51'24.596"N	80°41'16.183"W	2.72	224.566	1.23	-0.64	137.56
433.33	0.170	22.180	433.31	0.20	-1.83	-1.92	1635047.14	496406.86	39°51'24.597"N	80°41'16.183"W	2.65	226.402	1.04	-0.80	156.08
458.33	0.180	116.170	458.31	0.22	-1.81	-1.87	1635047.19	496406.87	39°51'24.597"N	80°41'16.183"W	2.61	225.927	1.02	0.04	375.96
483.33	0.390	150.400	483.31	0.34	-1.90	-1.79	1635047.27	496406.78	39°51'24.597"N	80°41'16.182"W	2.62	223.312	1.05	0.84	136.92
508.33	0.510	157.200	508.31	0.53	-2.08	-1.71	1635047.35	496406.60	39°51'24.595"N	80°41'16.181"W	2.69	219.414	0.52	0.48	27.20
515.33	0.510	156.460	515.31	0.59	-2.14	-1.68	1635047.38	496406.55	39°51'24.594"N	80°41'16.180"W	2.72	218.249	0.09	0.00	-10.57
598.33	0.230	182.890	598.31	1.07	-2.64	-1.55	1635047.51	496406.04	39°51'24.589"N	80°41'16.179"W	3.06	210.328	0.39	-0.34	31.84
630.33	0.270	215.990	630.31	1.13	-2.77	-1.59	1635047.46	496405.91	39°51'24.588"N	80°41'16.179"W	3.19	209.930	0.46	0.12	103.44
661.33	0.170	240.160	661.31	1.15	-2.85	-1.63	1635047.38	496405.83	39°51'24.587"N	80°41'16.180"W	3.31	210.465	0.43	-0.32	77.97
692.33	0.100	278.120	692.31	1.12	-2.87	-1.74	1635047.31	496405.81	39°51'24.587"N	80°41'16.181"W	3.36	211.281	0.35	-0.23	122.45
723.33	0.360	330.920	723.31	1.00	-2.78	-1.82	1635047.24	496405.90	39°51'24.588"N	80°41'16.182"W	3.32	213.171	1.00	0.84	170.32
755.33	0.420	320.890	755.31	0.79	-2.60	-1.94	1635047.12	496406.09	39°51'24.590"N	80°41'16.184"W	3.24	216.717	0.28	0.19	-31.34
786.33	0.350	318.860	786.31	0.58	-2.44	-2.07	1635046.98	496406.25	39°51'24.591"N	80°41'16.185"W	3.20	220.346	0.23	-0.23	-6.55
817.33	0.300	273.560	817.31	0.43	-2.37	-2.22	1635046.84	496406.32	39°51'24.592"N	80°41'16.187"W	3.24	223.150	0.82	-0.16	-146.13

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Page 3 of 11



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Area	Marshall County, WV	Well	Taylor B 7H
Field	Marshall County	Wellbore	Taylor B 7H AWB
Facility	Taylor B Pad		

WELLPATH DATA (218 stations)															
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
848.33	0.390	224.050	848.31	0.39	-2.44	-2.37	1635046.69	496406.26	39°51'24.591"N	80°41'16.189"W	3.40	224.232	0.97	0.29	-159.71
879.33	0.710	183.730	879.30	0.54	-2.70	-2.46	1635046.60	496405.99	39°51'24.589"N	80°41'16.190"W	3.65	222.270	1.56	1.03	-130.06
910.33	1.280	176.090	910.30	0.96	-3.24	-2.45	1635046.60	496405.45	39°51'24.583"N	80°41'16.190"W	4.06	217.049	1.88	1.84	-24.65
941.33	1.970	168.990	941.29	1.71	-4.11	-2.32	1635046.72	496404.58	39°51'24.575"N	80°41'16.189"W	4.72	209.459	2.31	2.23	-22.90
972.33	2.516	171.950	972.26	2.76	-5.30	-2.12	1635046.90	496403.88	39°51'24.563"N	80°41'16.186"W	5.71	201.824	1.78	1.74	9.55
1003.33	2.820	178.270	1003.23	3.95	-6.74	-2.01	1635047.00	496401.95	39°51'24.549"N	80°41'16.185"W	7.03	196.577	1.38	1.00	20.39
1034.33	3.260	177.150	1034.19	5.26	-8.38	-1.94	1635047.04	496400.31	39°51'24.533"N	80°41'16.184"W	8.60	193.027	1.43	1.42	-3.61
1065.33	3.780	178.210	1065.13	6.78	-10.28	-1.86	1635047.09	496398.40	39°51'24.514"N	80°41'16.183"W	10.45	190.271	1.69	1.68	3.42
1096.33	4.040	181.860	1096.06	8.42	-12.40	-1.87	1635047.06	496396.29	39°51'24.493"N	80°41'16.183"W	12.54	188.565	1.16	0.84	11.77
1128.33	4.200	181.000	1127.97	10.16	-14.69	-1.92	1635046.97	496393.99	39°51'24.470"N	80°41'16.183"W	14.82	187.459	0.54	0.50	-2.69
1159.33	4.080	180.860	1158.89	11.87	-16.93	-1.96	1635046.91	496391.76	39°51'24.448"N	80°41'16.184"W	17.04	186.604	0.39	-0.39	-0.45
1190.33	4.020	180.590	1189.81	13.55	-19.12	-1.99	1635046.85	496389.57	39°51'24.426"N	80°41'16.184"W	19.22	185.936	0.20	-0.19	-0.87
1221.33	4.020	179.960	1220.74	15.22	-21.29	-2.00	1635046.81	496387.40	39°51'24.405"N	80°41'16.184"W	21.39	185.361	0.14	0.00	-2.03
1253.33	4.120	178.960	1252.66	16.99	-23.56	-1.98	1635046.80	496385.12	39°51'24.382"N	80°41'16.184"W	23.65	184.795	0.38	0.31	-3.13
1284.33	4.370	178.190	1283.57	18.81	-25.86	-1.92	1635046.83	496382.83	39°51'24.360"N	80°41'16.183"W	25.93	184.245	0.83	0.81	-2.48
1315.33	4.340	178.960	1314.48	20.67	-28.21	-1.86	1635046.86	496380.48	39°51'24.337"N	80°41'16.183"W	28.27	183.773	0.21	-0.10	2.48
1346.33	3.600	180.180	1345.41	22.34	-30.36	-1.84	1635046.85	496378.33	39°51'24.315"N	80°41'16.182"W	30.41	183.473	2.40	-2.39	3.94
1377.33	3.120	180.300	1376.35	23.74	-32.18	-1.85	1635046.81	496376.51	39°51'24.297"N	80°41'16.183"W	32.23	183.291	1.55	-1.55	0.39
1408.33	2.920	178.480	1407.31	25.02	-33.81	-1.83	1635046.81	496374.88	39°51'24.281"N	80°41'16.182"W	33.86	183.104	0.72	-0.65	-5.87
1439.33	2.550	181.460	1438.28	26.16	-35.29	-1.83	1635046.79	496373.40	39°51'24.267"N	80°41'16.182"W	35.33	182.969	1.28	-1.19	9.61
1471.33	1.530	187.050	1470.26	27.00	-36.42	-1.90	1635046.71	496372.27	39°51'24.255"N	80°41'16.183"W	36.47	182.987	3.24	-3.19	17.47
1502.33	1.040	194.990	1501.25	27.45	-37.10	-2.02	1635046.58	496371.59	39°51'24.249"N	80°41'16.185"W	37.16	183.123	1.68	-1.58	25.61
1533.33	0.620	204.690	1532.24	27.69	-37.53	-2.17	1635046.43	496371.16	39°51'24.244"N	80°41'16.187"W	37.59	183.305	1.42	-1.35	31.29
1595.33	0.380	301.760	1594.24	27.64	-37.73	-2.48	1635046.11	496370.97	39°51'24.243"N	80°41'16.191"W	37.81	183.764	1.24	-0.39	156.56
1657.33	0.740	343.010	1656.24	27.07	-37.23	-2.77	1635045.82	496371.47	39°51'24.247"N	80°41'16.194"W	37.34	184.260	0.84	0.58	66.53
1720.33	0.820	338.470	1719.23	26.27	-36.43	-3.06	1635045.55	496372.28	39°51'24.255"N	80°41'16.198"W	36.55	184.799	0.16	0.13	-7.21
1782.33	0.470	340.940	1781.23	25.61	-35.77	-3.30	1635045.31	496372.94	39°51'24.262"N	80°41'16.201"W	35.93	185.277	0.57	-0.56	3.98
1845.33	0.100	170.440	1844.23	25.41	-35.58	-3.38	1635045.24	496373.13	39°51'24.264"N	80°41'16.202"W	35.74	185.425	0.90	-0.59	-270.63
1907.33	0.410	144.510	1906.23	25.68	-35.82	-3.24	1635045.38	496372.89	39°51'24.261"N	80°41'16.200"W	35.96	185.171	0.52	0.50	-41.82
1970.33	0.580	142.870	1969.23	26.22	-36.25	-2.92	1635045.69	496372.45	39°51'24.257"N	80°41'16.196"W	36.37	184.602	0.27	0.27	-2.60

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Page 4 of 11



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2032.33	0.800	137.350	2031.22	26.97	-36.82	-2.44	1635046.17	496371.87	39°51'24.251"N	80°41'16.190"W	36.90	183.784	0.37	0.35	-8.90
2094.33	1.560	134.310	2093.21	28.24	-37.73	-1.54	1635047.05	496370.95	39°51'24.242"N	80°41'16.179"W	37.76	182.335	1.23	1.23	-4.90
2157.33	1.210	135.410	2156.19	29.76	-38.80	-0.46	1635048.12	496369.87	39°51'24.232"N	80°41'16.165"W	38.81	180.676	0.56	-0.56	1.75
2188.33	1.570	139.070	2187.18	30.51	-39.36	0.05	1635048.62	496369.31	39°51'24.226"N	80°41'16.158"W	39.36	179.927	1.20	1.16	11.81
2296.00	2.220	133.380	2294.79	34.05	-41.90	2.53	1635051.07	496366.73	39°51'24.201"N	80°41'16.126"W	41.98	176.542	0.63	0.60	-5.28
2386.00	2.040	125.730	2384.73	37.32	-44.04	5.10	1635053.61	496364.56	39°51'24.180"N	80°41'16.093"W	44.33	173.394	0.37	-0.20	-8.50
2475.00	1.670	118.960	2473.68	40.06	-45.59	7.52	1635056.01	496362.98	39°51'24.165"N	80°41'16.062"W	46.21	170.633	0.48	-0.42	-7.61
2565.00	1.490	114.100	2563.65	42.32	-46.70	9.74	1635058.21	496361.83	39°51'24.154"N	80°41'16.034"W	47.71	168.224	0.25	-0.20	-5.40
2655.00	1.160	108.310	2653.62	44.14	-47.47	11.67	1635060.13	496361.05	39°51'24.146"N	80°41'16.009"W	48.88	166.189	0.40	-0.37	-6.43
2744.00	0.880	108.580	2742.61	45.48	-47.97	13.17	1635061.63	496360.52	39°51'24.141"N	80°41'15.990"W	49.74	164.645	0.31	-0.31	0.30
2834.00	0.620	88.620	2832.60	46.36	-48.18	14.31	1635062.77	496360.30	39°51'24.139"N	80°41'15.975"W	50.26	163.452	0.41	-0.29	-22.18
2923.00	0.590	82.710	2921.60	46.90	-48.11	15.25	1635063.70	496360.36	39°51'24.140"N	80°41'15.963"W	50.47	162.411	0.08	-0.03	-6.64
3013.00	0.770	67.720	3011.59	47.32	-47.82	16.27	1635064.72	496360.63	39°51'24.143"N	80°41'15.950"W	50.51	161.210	0.28	0.20	-16.66
3103.00	0.650	58.870	3101.58	47.57	-47.33	17.27	1635065.73	496361.11	39°51'24.148"N	80°41'15.937"W	50.38	159.956	0.18	-0.13	-9.83
3192.00	0.640	42.630	3190.58	47.57	-46.70	18.03	1635066.50	496361.73	39°51'24.154"N	80°41'15.928"W	50.06	158.884	0.21	-0.01	-18.25
3282.00	0.530	207.870	3280.58	47.66	-46.70	18.18	1635066.65	496361.73	39°51'24.154"N	80°41'15.926"W	50.11	158.728	1.29	-0.12	183.60
3372.00	0.590	223.600	3370.57	47.88	-47.40	17.67	1635066.13	496361.03	39°51'24.147"N	80°41'15.932"W	50.59	159.559	0.18	0.07	17.48
3462.00	0.620	263.160	3460.57	47.68	-47.79	16.86	1635065.32	496360.65	39°51'24.143"N	80°41'15.943"W	50.68	160.566	0.46	0.03	43.96
3551.00	0.650	280.840	3549.56	47.03	-47.76	15.89	1635064.35	496360.70	39°51'24.143"N	80°41'15.955"W	50.33	161.597	0.22	0.03	19.87
3641.00	0.590	271.070	3639.56	46.34	-47.65	14.92	1635063.38	496360.82	39°51'24.144"N	80°41'15.967"W	49.93	162.609	0.13	-0.07	-10.86
3730.00	0.580	273.600	3728.55	45.74	-47.61	14.02	1635062.48	496360.87	39°51'24.145"N	80°41'15.979"W	49.63	163.597	0.03	-0.01	2.84
3820.00	0.740	265.690	3818.55	45.09	-47.63	12.98	1635061.44	496360.87	39°51'24.145"N	80°41'15.992"W	49.37	164.753	0.20	0.18	-8.79
3910.00	0.760	277.540	3908.54	44.33	-47.60	11.81	1635060.27	496360.92	39°51'24.145"N	80°41'16.007"W	49.04	166.063	0.17	0.02	13.17
3999.00	0.670	262.670	3997.53	43.62	-47.58	10.71	1635059.17	496360.94	39°51'24.145"N	80°41'16.021"W	48.77	167.315	0.23	-0.10	-16.71
4089.00	0.350	264.840	4087.53	43.19	-47.68	9.91	1635058.37	496360.86	39°51'24.144"N	80°41'16.032"W	48.70	168.252	0.36	-0.36	2.41
4178.00	0.310	291.930	4176.53	42.83	-47.61	9.42	1635057.88	496360.93	39°51'24.145"N	80°41'16.038"W	48.53	168.808	0.18	-0.04	30.44
4268.00	0.280	271.880	4266.53	42.47	-47.51	8.97	1635057.44	496361.04	39°51'24.146"N	80°41'16.044"W	48.35	169.303	0.12	-0.03	-22.28
4357.00	0.490	284.400	4355.52	42.02	-47.41	8.39	1635056.85	496361.15	39°51'24.147"N	80°41'16.051"W	48.15	169.966	0.25	0.24	14.07
4447.00	0.260	264.370	4445.52	41.59	-47.33	7.81	1635056.28	496361.23	39°51'24.148"N	80°41'16.059"W	47.98	170.628	0.29	-0.26	-22.26
4537.00	0.480	274.990	4535.52	41.22	-47.32	7.23	1635055.70	496361.25	39°51'24.148"N	80°41'16.066"W	47.87	171.309	0.26	0.24	11.80

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# Actual Wellpath Report

Taylor B 7H AWP Proj: 15944'

Page 5 of 11



## REFERENCE WELLPATH IDENTIFICATION

Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #07
Area	Marshall County, WV	Well	Taylor B 7H
Field	Marshall County	Wellbore	Taylor B 7H AWB
Facility	Taylor B Pad		

## WELLPATH DATA (218 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
4626.00	0.410	276.800	4624.52	40.73	-47.25	6.55	1635055.01	496361.33	39°51'24.148"N	80°41'16.075"W	47.70	172.112	0.08	-0.08	2.03
4716.00	0.500	265.010	4714.51	40.28	-47.25	5.84	1635054.30	496361.34	39°51'24.148"N	80°41'16.084"W	47.61	172.959	0.14	0.10	-13.10
4806.00	0.590	261.000	4804.51	39.82	-47.35	4.99	1635053.45	496361.25	39°51'24.147"N	80°41'16.095"W	47.62	173.989	0.11	0.10	-4.46
4896.00	0.610	268.140	4894.51	39.30	-47.44	4.05	1635052.51	496361.17	39°51'24.147"N	80°41'16.107"W	47.62	175.121	0.09	0.02	7.93
4985.00	0.480	265.650	4983.50	38.80	-47.49	3.20	1635051.67	496361.14	39°51'24.146"N	80°41'16.118"W	47.59	176.139	0.15	-0.15	-2.80
5075.00	0.790	280.620	5073.50	38.11	-47.40	2.22	1635050.68	496361.24	39°51'24.147"N	80°41'16.130"W	47.45	177.320	0.39	0.34	16.63
5164.00	0.680	274.780	5162.49	37.27	-47.24	1.09	1635049.56	496361.41	39°51'24.148"N	80°41'16.145"W	47.26	178.679	0.15	-0.12	-6.56
5253.00	0.880	277.490	5251.48	36.40	-47.11	-0.11	1635048.35	496361.56	39°51'24.150"N	80°41'16.160"W	47.11	180.139	0.23	0.22	3.04
5342.00	0.870	285.170	5340.47	35.36	-46.84	-1.44	1635047.03	496361.84	39°51'24.152"N	80°41'16.177"W	46.87	181.765	0.13	-0.01	8.63
5416.00	0.850	280.290	5414.46	34.58	-46.62	-2.40	1635046.07	496362.08	39°51'24.155"N	80°41'16.190"W	46.68	182.948	0.31	-0.30	-6.59
5506.00	3.060	226.050	5504.41	34.39	-48.20	-4.63	1635043.82	496360.53	39°51'24.139"N	80°41'16.218"W	48.42	185.488	3.04	2.68	-60.27
5595.00	7.840	235.810	5592.99	34.05	-53.26	-11.37	1635037.02	496355.56	39°51'24.089"N	80°41'16.305"W	54.46	192.047	5.45	5.37	10.97
5684.00	12.260	237.790	5680.60	32.35	-61.71	-24.39	1635023.89	496347.28	39°51'24.005"N	80°41'16.472"W	66.36	201.564	4.98	4.97	2.22
5774.00	18.160	235.120	5767.41	30.10	-74.84	-44.00	1635004.11	496334.41	39°51'23.876"N	80°41'16.723"W	86.81	210.451	6.60	6.56	-2.97
5863.00	26.190	232.590	5849.75	28.41	-94.74	-71.02	1634976.83	496314.88	39°51'23.679"N	80°41'17.069"W	118.40	216.858	9.08	9.02	-2.84
5952.00	35.040	230.900	5926.28	27.70	-122.84	-106.52	1634940.96	496287.25	39°51'23.401"N	80°41'17.525"W	162.59	220.931	9.99	9.94	-1.90
6042.00	44.870	229.170	5995.19	28.50	-159.98	-150.70	1634896.29	496250.69	39°51'23.034"N	80°41'18.091"W	219.78	223.289	10.99	10.92	-1.92
6131.00	45.760	225.680	6057.78	32.17	-202.79	-197.27	1634849.16	496208.51	39°51'22.611"N	80°41'18.688"W	282.91	224.210	2.96	1.00	-3.92
6221.00	45.840	221.910	6120.54	39.97	-249.35	-241.91	1634803.92	496162.55	39°51'22.151"N	80°41'19.261"W	347.41	224.133	3.00	0.09	-4.19
6310.00	45.720	216.820	6182.63	52.54	-298.62	-282.34	1634762.84	496113.81	39°51'21.664"N	80°41'19.779"W	410.97	223.395	4.10	-0.13	-5.72
6399.00	45.980	211.870	6244.64	70.56	-351.32	-318.34	1634726.15	496061.60	39°51'21.143"N	80°41'20.241"W	474.10	222.181	4.00	0.29	-5.56
6489.00	48.450	202.390	6305.84	97.06	-410.02	-348.30	1634695.42	496003.30	39°51'20.563"N	80°41'20.625"W	537.99	220.347	8.20	2.74	-10.53
6578.00	52.220	189.420	6362.79	136.21	-475.70	-366.79	1634676.06	495937.88	39°51'19.914"N	80°41'20.862"W	600.69	217.634	11.98	4.24	-14.57
6667.00	56.610	179.530	6414.65	188.50	-547.70	-372.26	1634669.64	495865.95	39°51'19.203"N	80°41'20.932"W	662.24	214.203	10.29	4.93	-11.11
6757.00	60.880	172.310	6461.38	251.37	-624.34	-366.68	1634674.21	495789.25	39°51'18.445"N	80°41'20.861"W	724.06	210.426	8.34	4.74	-8.02
6846.00	68.890	162.930	6499.19	323.18	-702.83	-349.23	1634690.62	495710.55	39°51'17.670"N	80°41'20.637"W	784.81	206.423	13.11	9.00	-10.54
6935.00	73.270	156.850	6528.07	402.67	-781.80	-320.25	1634718.55	495631.20	39°51'16.889"N	80°41'20.265"W	844.85	202.276	8.12	4.92	-6.83
7025.00	79.390	156.090	6549.33	486.80	-861.94	-285.35	1634752.38	495550.62	39°51'16.097"N	80°41'19.818"W	907.94	198.317	6.85	6.80	-0.84
7114.00	84.670	153.510	6561.67	572.27	-941.65	-247.83	1634788.85	495470.42	39°51'15.309"N	80°41'19.337"W	973.71	194.745	6.59	5.93	-2.90
7203.00	87.080	146.790	6568.08	659.79	-1018.59	-203.67	1634831.99	495392.91	39°51'14.549"N	80°41'18.770"W	1038.75	191.307	8.00	2.71	-7.55

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# Actual Wellpath Report

Taylor B 7H AWP Proj: 15944'

Page 6 of 11



## REFERENCE WELLPATH IDENTIFICATION

Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #07
Area	Marshall County, WV	Well	Taylor B 7H
Field	Marshall County	Wellbore	Taylor B 7H AWB
Facility	Taylor B Pad		

## WELLPATH DATA (218 stations)

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7293.00	89.850	146.020	6570.49	749.31	-1093.52	-153.89	1634880.76	495317.33	39°51'13.809"N	80°41'18.132"W	1104.29	188.011	3.19	3.08	-0.86
7382.00	90.090	141.540	6570.53	838.16	-1165.30	-101.31	1634932.38	495244.86	39°51'13.099"N	80°41'17.458"W	1169.70	184.969	5.04	0.27	-5.03
7471.00	88.000	138.850	6572.02	927.13	-1233.66	-44.36	1634988.43	495175.76	39°51'12.424"N	80°41'16.728"W	1234.45	182.059	3.83	-2.35	-3.02
7560.00	88.120	138.770	6575.03	1016.03	-1300.59	14.22	1635046.12	495108.06	39°51'11.762"N	80°41'15.976"W	1300.67	179.373	0.16	0.13	-0.09
7650.00	88.490	137.650	6577.69	1105.90	-1367.66	74.17	1635105.17	495040.21	39°51'11.099"N	80°41'15.208"W	1369.67	176.896	1.31	0.41	-1.24
7739.00	88.650	136.120	6579.91	1194.67	-1432.61	134.98	1635165.11	494974.47	39°51'10.457"N	80°41'14.428"W	1438.96	174.618	1.73	0.18	-1.72
7829.00	89.350	137.420	6581.48	1284.43	-1498.17	196.61	1635225.87	494908.10	39°51'09.810"N	80°41'13.638"W	1511.02	172.524	1.64	0.78	1.44
7918.00	89.750	136.730	6582.18	1373.25	-1563.34	257.22	1635285.61	494842.14	39°51'09.166"N	80°41'12.861"W	1584.36	170.657	0.90	0.45	-0.78
8008.00	89.850	136.760	6582.50	1463.03	-1628.89	318.89	1635346.40	494775.78	39°51'08.518"N	80°41'12.070"W	1659.81	168.923	0.12	0.11	0.03
8097.00	89.880	133.930	6582.71	1551.63	-1692.19	381.44	1635408.10	494711.66	39°51'07.892"N	80°41'11.268"W	1734.65	167.297	3.18	0.03	-3.18
8186.00	90.250	135.730	6582.61	1640.15	-1754.94	444.56	1635470.38	494648.09	39°51'07.272"N	80°41'10.459"W	1810.37	165.785	2.06	0.42	2.02
8275.00	90.090	132.920	6582.34	1728.58	-1817.12	508.22	1635533.21	494585.08	39°51'06.658"N	80°41'09.642"W	1886.85	164.375	3.16	-0.18	-3.16
8365.00	89.780	138.470	6582.44	1818.20	-1881.50	571.06	1635595.19	494519.88	39°51'06.021"N	80°41'08.837"W	1966.25	163.116	6.18	-0.34	6.17
8454.00	89.720	138.550	6582.83	1907.13	-1948.16	630.02	1635653.26	494452.44	39°51'05.362"N	80°41'08.081"W	2047.50	162.079	0.11	-0.07	0.09
8543.00	89.450	138.910	6583.48	1996.07	-2015.06	688.72	1635711.07	494384.78	39°51'04.701"N	80°41'07.328"W	2129.50	161.130	0.51	-0.30	0.40
8633.00	89.570	139.300	6584.25	2086.03	-2083.08	747.64	1635769.08	494315.98	39°51'04.029"N	80°41'06.573"W	2213.19	160.256	0.45	0.13	0.43
8722.00	89.540	140.080	6584.94	2175.01	-2150.95	805.21	1635825.75	494247.37	39°51'03.358"N	80°41'05.835"W	2296.73	159.476	0.88	-0.03	0.88
8811.00	89.320	143.340	6585.82	2263.98	-2220.79	860.35	1635879.96	494176.81	39°51'02.668"N	80°41'05.128"W	2381.62	158.823	3.67	-0.25	3.66
8901.00	89.320	146.720	6586.89	2353.71	-2294.53	911.92	1635930.55	494102.40	39°51'01.939"N	80°41'04.466"W	2469.10	158.325	3.76	0.00	3.76
8990.00	89.480	150.340	6587.82	2441.87	-2370.42	958.38	1635975.99	494025.90	39°51'01.189"N	80°41'03.871"W	2556.83	157.986	4.07	0.18	4.07
9079.00	89.450	149.980	6588.65	2529.67	-2447.62	1002.66	1636019.25	493948.13	39°51'00.426"N	80°41'03.303"W	2645.02	157.724	0.41	-0.03	-0.40
9169.00	90.370	146.450	6588.80	2618.89	-2524.11	1050.06	1636065.63	493871.03	39°50'59.670"N	80°41'02.695"W	2733.81	157.412	4.05	1.02	-3.92
9258.00	89.630	141.000	6588.80	2707.73	-2595.83	1102.69	1636117.31	493798.62	39°50'58.962"N	80°41'02.021"W	2820.33	156.984	6.18	-0.83	-6.12
9348.00	89.260	143.010	6589.67	2797.70	-2666.75	1158.09	1636171.76	493726.98	39°50'58.261"N	80°41'01.310"W	2907.36	156.526	2.27	-0.41	2.23
9437.00	90.280	144.120	6590.03	2886.59	-2738.35	1210.95	1636223.67	493654.69	39°50'57.553"N	80°41'00.633"W	2994.15	156.144	1.69	1.15	1.25
9526.00	88.650	137.500	6590.86	2975.53	-2807.28	1267.15	1636278.95	493585.02	39°50'56.872"N	80°40'59.912"W	3080.02	155.707	7.66	-1.83	-7.44
9615.00	86.060	133.030	6594.97	3064.00	-2870.42	1329.70	1636340.65	493521.06	39°50'56.248"N	80°40'59.110"W	3163.45	155.144	5.80	-2.91	-5.02
9705.00	86.890	135.300	6600.50	3153.24	-2933.00	1394.13	1636404.25	493457.64	39°50'55.629"N	80°40'58.284"W	3247.48	154.577	2.68	0.92	2.52
9794.00	88.580	138.290	6604.02	3241.94	-2997.82	1455.01	1636464.26	493392.03	39°50'54.989"N	80°40'57.504"W	3332.26	154.110	3.86	1.90	3.36
9883.00	90.490	139.950	6604.74	3330.90	-3065.10	1513.25	1636521.60	493323.98	39°50'54.324"N	80°40'56.757"W	3418.30	153.724	2.84	2.15	1.87

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Taylor B 7H AWP Proj: 15944'

Page 7 of 11



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Area	Marshall County, WV	Well	Taylor B 7H
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## WELLPATH DATA (218 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
9973.00	89.880	139.920	6604.45	3420.89	-3133.98	1571.18	1636578.61	493254.35	39°50'53.643"N	80°40'56.014"W	3505.77	153.374	0.68	-0.68	-0.03
10062.00	89.480	138.700	6604.95	3509.86	-3201.46	1629.20	1636635.73	493186.11	39°50'52.976"N	80°40'55.270"W	3592.16	153.029	1.44	-0.45	-1.37
10152.00	89.480	138.120	6605.76	3599.78	-3268.77	1688.94	1636694.58	493118.02	39°50'52.311"N	80°40'54.505"W	3679.32	152.675	0.64	0.00	-0.64
10241.00	89.850	136.540	6606.28	3688.62	-3334.20	1749.26	1636754.02	493051.80	39°50'51.664"N	80°40'53.731"W	3765.21	152.317	1.82	0.42	-1.78
10331.00	89.380	138.950	6606.89	3778.48	-3400.81	1809.77	1636813.64	492984.40	39°50'51.006"N	80°40'52.955"W	3852.38	151.980	2.73	-0.52	2.68
10420.00	89.170	142.670	6608.02	3867.46	-3469.77	1865.99	1636868.95	492914.70	39°50'50.324"N	80°40'52.235"W	3939.70	151.729	4.19	-0.24	4.18
10510.00	88.830	141.870	6609.59	3957.42	-3540.94	1921.06	1636923.07	492842.82	39°50'49.621"N	80°40'51.529"W	4028.49	151.519	0.97	-0.38	-0.89
10599.00	88.800	145.620	6611.43	4046.26	-3612.69	1973.67	1636974.72	492770.39	39°50'48.912"N	80°40'50.854"W	4116.66	151.351	4.21	-0.03	4.21
10689.00	89.750	147.280	6612.57	4135.80	-3687.68	2023.41	1637023.46	492694.74	39°50'48.171"N	80°40'50.217"W	4206.33	151.247	2.12	1.06	1.84
10779.00	90.680	142.230	6612.23	4225.55	-3761.16	2075.32	1637074.40	492620.59	39°50'47.445"N	80°40'49.551"W	4295.73	151.111	5.71	1.03	-5.61
10868.00	90.090	137.580	6611.63	4314.51	-3829.22	2132.63	1637130.79	492551.78	39°50'46.772"N	80°40'48.816"W	4383.04	150.885	5.27	-0.66	-5.22
10957.00	90.250	134.180	6611.37	4403.18	-3893.10	2194.58	1637191.89	492487.09	39°50'46.141"N	80°40'48.022"W	4469.05	150.590	3.82	0.18	-3.82
11047.00	88.710	135.320	6612.18	4492.68	-3956.46	2258.49	1637254.95	492422.90	39°50'45.514"N	80°40'47.203"W	4555.69	150.281	2.13	-1.71	1.27
11136.00	88.150	139.960	6614.62	4581.49	-4022.18	2318.42	1637314.00	492356.39	39°50'44.865"N	80°40'46.435"W	4642.52	150.041	5.25	-0.63	5.21
11226.00	89.320	145.180	6616.81	4671.39	-4093.61	2373.08	1637367.72	492284.25	39°50'44.159"N	80°40'45.734"W	4731.72	149.899	5.94	1.30	5.80
11315.00	89.720	146.190	6617.36	4760.05	-4167.11	2423.25	1637416.91	492210.10	39°50'43.432"N	80°40'45.091"W	4820.48	149.821	1.22	0.45	1.13
11404.00	89.570	144.560	6617.91	4848.76	-4240.35	2473.82	1637466.50	492136.20	39°50'42.709"N	80°40'44.443"W	4909.21	149.741	1.84	-0.17	-1.83
11494.00	89.720	142.140	6618.47	4938.66	-4312.55	2527.54	1637519.26	492063.30	39°50'41.995"N	80°40'43.754"W	4998.65	149.626	2.69	0.17	-2.69
11583.00	90.370	138.410	6618.40	5027.64	-4380.98	2584.41	1637575.22	491994.12	39°50'41.319"N	80°40'43.025"W	5086.47	149.463	4.25	0.73	-4.19
11673.00	89.480	134.990	6618.51	5117.40	-4446.47	2646.12	1637636.06	491927.83	39°50'40.671"N	80°40'42.234"W	5174.27	149.243	3.93	-0.99	-3.80
11762.00	89.450	136.570	6619.34	5206.06	-4510.25	2708.19	1637697.27	491863.24	39°50'40.041"N	80°40'41.438"W	5260.86	149.017	1.78	-0.03	1.78
11852.00	88.520	139.380	6620.94	5295.93	-4577.09	2768.42	1637756.61	491795.61	39°50'39.380"N	80°40'40.666"W	5349.20	148.833	3.29	-1.03	3.12
11941.00	89.350	142.110	6622.59	5384.91	-4645.99	2824.73	1637811.99	491725.98	39°50'38.699"N	80°40'39.944"W	5437.30	148.701	3.21	0.93	3.07
12031.00	89.320	145.860	6623.64	5474.74	-4718.77	2877.63	1637863.93	491652.51	39°50'37.980"N	80°40'39.266"W	5526.98	148.624	4.17	-0.03	4.17
12120.00	89.750	146.410	6624.36	5563.34	-4792.67	2927.22	1637912.54	491577.97	39°50'37.250"N	80°40'38.630"W	5615.90	148.585	0.78	0.48	0.52
12209.00	89.480	142.710	6624.96	5652.13	-4865.16	2978.82	1637963.17	491504.80	39°50'36.533"N	80°40'37.969"W	5704.66	148.522	4.17	-0.30	-4.16
12299.00	89.630	141.790	6625.66	5742.09	-4936.32	3033.92	1638017.32	491432.92	39°50'35.830"N	80°40'37.263"W	5794.13	148.425	1.04	0.17	-1.02
12388.00	90.090	140.050	6625.88	5831.09	-5005.41	3090.02	1638072.50	491363.10	39°50'35.147"N	80°40'36.544"W	5882.37	148.311	2.02	0.52	-1.96
12477.00	89.660	135.140	6626.07	5919.93	-5071.10	3150.02	1638131.62	491296.62	39°50'34.498"N	80°40'35.775"W	5969.82	148.153	5.54	-0.48	-5.52
12567.00	89.290	135.050	6626.89	6009.49	-5134.85	3213.55	1638194.30	491232.05	39°50'33.868"N	80°40'34.960"W	6057.52	147.960	0.42	-0.41	-0.10



# Actual Wellpath Report

Taylor B 7H AWP Proj: 15944'

Page 8 of 11



## REFERENCE WELLPATH IDENTIFICATION

Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #07
Area	Marshall County, WV	Well	Taylor B 7H
Field	Marshall County	Wellbore	Taylor B 7H AWB
Facility	Taylor B Pad		

## WELLPATH DATA (218 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
12656.00	88.370	138.850	6628.71	6098.26	-5199.86	3274.28	1638254.17	491166.25	39°50'33.225"N	80°40'34.182"W	6144.87	147.802	4.39	-1.03	4.27
12746.00	88.310	143.090	6631.32	6188.20	-5269.72	3330.92	1638309.87	491095.64	39°50'32.535"N	80°40'33.456"W	6234.18	147.704	4.71	-0.07	4.71
12835.00	89.230	146.680	6633.23	6276.93	-5342.50	3382.10	1638360.08	491022.20	39°50'31.815"N	80°40'32.800"W	6323.04	147.664	4.16	1.03	4.03
12925.00	89.510	146.480	6634.22	6366.46	-5417.61	3431.66	1638408.64	490946.44	39°50'31.073"N	80°40'32.164"W	6413.02	147.649	0.38	0.31	-0.22
13014.00	90.770	143.390	6634.00	6455.20	-5490.45	3482.79	1638458.80	490872.94	39°50'30.353"N	80°40'31.509"W	6501.91	147.612	3.75	1.42	-3.47
13103.00	89.750	140.070	6633.60	6544.18	-5560.31	3537.90	1638512.98	490802.36	39°50'29.663"N	80°40'30.803"W	6590.43	147.532	3.90	-1.15	-3.73
13193.00	90.400	135.970	6633.48	6634.05	-5627.20	3598.09	1638572.27	490734.68	39°50'29.002"N	80°40'30.031"W	6679.19	147.405	4.61	0.72	-4.56
13282.00	89.720	132.390	6633.39	6722.46	-5689.21	3661.90	1638635.26	490671.83	39°50'28.389"N	80°40'29.213"W	6765.85	147.232	4.09	-0.76	-4.02
13372.00	89.230	130.060	6634.21	6811.21	-5748.52	3729.59	1638702.15	490611.64	39°50'27.802"N	80°40'28.346"W	6852.39	147.025	2.65	-0.54	-2.59
13461.00	88.000	133.520	6636.37	6899.08	-5807.80	3795.91	1638767.69	490551.49	39°50'27.216"N	80°40'27.495"W	6938.26	146.832	4.12	-1.38	3.89
13551.00	89.380	138.760	6638.42	6988.74	-5872.65	3858.23	1638829.14	490485.82	39°50'26.575"N	80°40'26.697"W	7026.67	146.696	6.02	1.53	5.82
13640.00	89.140	142.450	6639.57	7077.71	-5941.41	3914.70	1638884.69	490416.32	39°50'25.896"N	80°40'25.973"W	7115.15	146.620	4.15	-0.27	4.15
13729.00	89.570	147.950	6640.58	7166.41	-6014.46	3965.47	1638934.49	490342.61	39°50'25.174"N	80°40'25.322"W	7204.08	146.602	6.20	0.48	6.18
13819.00	89.570	145.710	6641.25	7255.89	-6089.79	4014.71	1638982.72	490266.65	39°50'24.429"N	80°40'24.691"W	7294.07	146.605	2.49	0.00	-2.49
13908.00	89.690	143.710	6641.83	7344.67	-6162.43	4066.12	1639033.17	490193.34	39°50'23.711"N	80°40'24.032"W	7383.02	146.582	2.25	0.13	-2.25
13998.00	89.540	142.400	6642.43	7434.59	-6234.36	4120.22	1639086.30	490120.71	39°50'23.000"N	80°40'23.339"W	7472.84	146.540	1.47	-0.17	-1.46
14087.00	89.200	143.510	6643.41	7523.52	-6305.39	4173.83	1639138.97	490048.98	39°50'22.298"N	80°40'22.652"W	7561.66	146.498	1.30	-0.38	1.25
14176.00	89.720	144.550	6644.25	7612.37	-6377.41	4226.10	1639190.28	489976.27	39°50'21.587"N	80°40'21.982"W	7650.58	146.469	1.31	0.58	1.17
14265.00	89.510	142.850	6644.85	7701.24	-6449.14	4278.79	1639242.01	489903.86	39°50'20.878"N	80°40'21.306"W	7739.47	146.437	1.92	-0.24	-1.91
14355.00	90.180	139.950	6645.09	7791.23	-6519.47	4334.93	1639297.22	489832.80	39°50'20.182"N	80°40'20.587"W	7829.12	146.379	3.31	0.74	-3.22
14444.00	89.480	136.840	6645.36	7880.14	-6586.01	4394.02	1639355.42	489765.49	39°50'19.525"N	80°40'19.829"W	7917.25	146.290	3.58	-0.79	-3.49
14533.00	89.420	136.550	6646.21	7968.91	-6650.77	4455.06	1639415.59	489699.93	39°50'18.885"N	80°40'19.047"W	8005.02	146.184	0.33	-0.07	-0.33
14623.00	89.420	136.770	6647.12	8058.68	-6716.22	4516.82	1639476.48	489633.67	39°50'18.238"N	80°40'18.255"W	8093.78	146.078	0.24	0.00	0.24
14712.00	89.350	138.500	6648.08	8147.54	-6781.98	4576.79	1639535.57	489567.13	39°50'17.588"N	80°40'17.487"W	8181.82	145.987	1.95	-0.08	1.94
14801.00	89.260	140.400	6649.16	8236.51	-6849.59	4634.64	1639592.52	489498.76	39°50'16.919"N	80°40'16.745"W	8270.24	145.917	2.14	-0.10	2.13
14891.00	89.290	144.700	6650.29	8326.44	-6921.02	4689.35	1639646.28	489426.62	39°50'16.213"N	80°40'16.044"W	8360.06	145.880	4.78	0.03	4.78
14980.00	89.320	147.020	6651.37	8415.07	-6994.67	4739.29	1639695.24	489352.31	39°50'15.485"N	80°40'15.404"W	8449.04	145.880	2.61	0.03	2.61
15069.00	88.950	145.230	6652.72	8503.66	-7068.55	4788.89	1639743.86	489277.79	39°50'14.755"N	80°40'14.769"W	8538.03	145.883	2.05	-0.42	-2.01
15159.00	89.600	143.510	6653.86	8593.47	-7141.70	4841.32	1639795.31	489203.96	39°50'14.032"N	80°40'14.097"W	8627.99	145.867	2.04	0.72	-1.91
15248.00	89.540	144.810	6654.53	8682.31	-7213.84	4893.43	1639846.45	489131.14	39°50'13.319"N	80°40'13.429"W	8716.94	145.849	1.46	-0.07	1.46

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# Actual Wellpath Report

Taylor B 7H AWP Proj: 15944'

Page 9 of 11



## REFERENCE WELLPATH IDENTIFICATION

Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #07
Area	Marshall County, WV	Well	Taylor B 7H
Field	Marshall County	Wellbore	Taylor B 7H AWB
Facility	Taylor B Pad		

## WELLPATH DATA (218 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
15337.00	89.510	139.850	6655.26	8771.24	-7284.26	4947.80	1639899.89	489060.01	39°50'12.623"N	80°40'12.732"W	8805.75	145.814	5.57	-0.03	-5.57
15427.00	89.260	137.310	6656.23	8861.16	-7351.74	5007.33	1639958.52	488991.75	39°50'11.956"N	80°40'11.969"W	8895.03	145.741	2.84	-0.28	-2.82
15517.00	89.200	136.430	6657.44	8950.95	-7417.42	5068.85	1640019.16	488925.27	39°50'11.307"N	80°40'11.181"W	8983.95	145.652	0.98	-0.07	-0.98
15606.00	88.680	137.360	6659.09	9039.73	-7482.39	5129.66	1640079.10	488859.51	39°50'10.665"N	80°40'10.401"W	9071.91	145.567	1.20	-0.58	1.04
15695.00	88.550	137.060	6661.24	9128.54	-7547.68	5190.10	1640138.67	488793.42	39°50'10.019"N	80°40'09.627"W	9159.95	145.486	0.37	-0.15	-0.34
15785.00	88.860	140.200	6663.27	9218.44	-7615.20	5249.56	1640197.23	488725.13	39°50'09.352"N	80°40'08.865"W	9249.27	145.419	3.50	0.34	3.49
15874.00	88.710	144.530	6665.16	9307.37	-7685.64	5303.88	1640250.61	488653.98	39°50'08.656"N	80°40'08.168"W	9338.11	145.390	4.87	-0.17	4.87
15944.00	88.710	144.530	6666.74	9377.20	-7742.64	5344.49	1640290.46	488596.45	39°50'08.092"N	80°40'07.648"W	9408.08	145.384	0.00	0.00	0.00

## HOLE & CASING SECTIONS - Ref Wellbore: Taylor B 7H AWB Ref Wellpath: Taylor B 7H AWP Proj: 15944'

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
17.5in Open Hole	25.00	558.35	533.35	25.00	558.33	0.00	0.00	-2.44	-1.57
13.375in Casing Surface	25.00	558.35	533.35	25.00	558.33	0.00	0.00	-2.44	-1.57
12.25in Open Hole	558.35	2273.33	1714.98	558.33	2272.14	-2.44	-1.57	-41.32	1.92
9.625in Casing Intermediate	25.00	2241.00	2216.00	25.00	2239.83	0.00	0.00	-40.52	1.13
8.5in Open Hole	2273.33	15944.00	13670.67	2272.14	6666.74	-41.32	1.92	-7742.64	5344.49
5.5in Casing Production	25.00	15944.00	15919.00	25.00	6666.74	0.00	0.00	-7742.64	5344.49

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# Actual Wellpath Report

Taylor B 7H AWP Proj: 15944'

Page 10 of 11



## REFERENCE WELLPATH IDENTIFICATION

Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #07
Area	Marshall County, WV	Well	Taylor B 7H
Field	Marshall County	Wellbore	Taylor B 7H AWB
Facility	Taylor B Pad		

## TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Taylor B 7H LP Rev-3	6580.00	-1006.35	-170.11	1634865.70	495404.70	39°51'14.670"N	80°41'18.340"W	point
Taylor B 7H BHL Rev-3	6686.37	-7746.75	5339.86	1640285.78	488592.40	39°50'08.052"N	80°40'07.707"W	point
Taylor B Buffer1	6746.33	16.90	-73.07	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon
Taylor B Buffer2	6746.33	16.90	-73.07	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon
Taylor B Buffer3	6746.33	16.90	-73.07	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon
Taylor B Buffer4	6746.33	16.90	-73.07	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon
Taylor B LL1	6796.33	16.90	-73.07	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon
Taylor B LL2	6796.33	16.90	-73.07	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon

## WELLPATH COMPOSITION - Ref Wellbore: Taylor B 7H AWB Ref Wellpath: Taylor B 7H AWP Proj: 15944'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	515.33	BHI Generic gyro - northseeking (Standard)	01 Gyrodata MS Gyro <17-1/2"> (50'-507')	Taylor B 7H AWB
515.33	2188.33	BHI NaviTrak (Axial)	02 APS EM <12-1/4"> (507')(590'-2180') Proj:2265'	Taylor B 7H AWB
2188.33	5342.00	NaviTrak (Magcorr+IFR1)	03 BHI NaviTrak (MagCorr+IFR) (2188.33')(2296'-5342')	Taylor B 7H AWB
5342.00	15874.00	BHI AutoTrak Curve (IFR1, Short)	04 BH AT Curve IFR <8-1/2">(5342')(5416'-15874')	Taylor B 7H AWB
15874.00	15944.00	Blind Drilling (std)	Projection to bit	Taylor B 7H AWB

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# Actual Wellpath Report

Taylor B 7H AWP Proj: 15944'

Page 11 of 11



## REFERENCE WELLPATH IDENTIFICATION

Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #07
Area	Marshall County, WV	Well	Taylor B 7H
Field	Marshall County	Wellbore	Taylor B 7H AWB
Facility	Taylor B Pad		

## COMMENTS

### Wellpath general comments

API: 47-051-01797-0000

BH Job #: 8831214

Rig: Precision 560

Duration: 10/28/2017-11/4/2017

Gyrodatta MS Gyro <17-1/2"> (50'-507')

APS EM <12-1/4"> (507')(590'-2180')

BH NaviTrak + IFR1 <8-1/2"> (2188.33')(2296'-5342')

BH AT Curve + IFR1 <8-1/2"> (5342')(5416'-15874')

Projected MD at TD: 15944'

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