

03/29/2019



Actual Wellpath Report

Taylor B 5H AWP Proj:

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REFERENCE WELLPATH IDENTIFICATION			
Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #05
Area	Marshall County, WV	Well	Taylor B 5H
Field	Marshall County	Wellbore	Taylor B 5H AWB
Facility	Taylor B Pad		

REPORT SETUP INFORMATION			
Projection System	NAD83 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 4.0.0
North Reference	True	User	Smitgre01
Scale	0.999949	Report Generated	17/Mar/2016 at 18:27
Convergence at slot	n/a	Database/Source file	WellArchitectDB/Taylor_B_5H_AWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-19.24	55.19	1635019.95	496415.77	39°51'24.682"N	80°41'16.534"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	Nabors X07 (RKB) to Facility Vertical Datum	32.00ft
Horizontal Reference Pt	Slot	Nabors X07 (RKB) to Mean Sea Level	1242.00ft
Vertical Reference Pt	Nabors X07 (RKB)	Nabors X07 (RKB) to Mud Line at Slot (Slot #05)	32.00ft
MD Reference Pt	Nabors X07 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	320.59°

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REFERENCE WELLPATH IDENTIFICATION			
Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #05
Area	Marshall County, WV	Well	Taylor B 5H
Field	Marshall County	Wellbore	Taylor B 5H AWP
Facility	Taylor B Pad		

WELLPATH DATA (150 stations) † = interpolated/extrapolated station															
MD	Inclination	Azimuth	TVD	Vert	North	East	Grid East	Grid North	Latitude	Longitude	Closure	Closure	DLS	Build	Turn
[ft]	[°]	[°]	[ft]	Sect	[ft]	[ft]	[US ft]	[US ft]			Dist	Dir	[°/100ft]	Rate	Rate
				[ft]							[ft]	[°]		[°/100ft]	[°/100ft]
0.00†	0.00	219.020	0.00	0.00	0.00	0.00	1635019.95	496415.77	39°51'24.682"N	80°41'16.534"W	0.00	0.000	0.00	0.00	0.00
32.00	0.000	219.020	32.00	0.00	0.00	0.00	1635019.95	496415.77	39°51'24.682"N	80°41'16.534"W	0.00	0.000	0.00	0.00	0.00
65.33	0.560	219.020	65.33	-0.03	-0.13	-0.10	1635019.85	496415.64	39°51'24.681"N	80°41'16.535"W	0.16	219.020	1.68	1.68	0.00
90.33	0.780	218.900	90.33	-0.09	-0.35	-0.29	1635019.66	496415.42	39°51'24.678"N	80°41'16.537"W	0.46	218.975	0.88	0.88	-0.48
115.33	0.840	230.520	115.33	-0.13	-0.60	-0.53	1635019.41	496415.17	39°51'24.676"N	80°41'16.541"W	0.81	221.568	0.70	0.24	46.48
140.33	0.930	236.590	140.32	-0.11	-0.83	-0.85	1635019.09	496414.95	39°51'24.674"N	80°41'16.544"W	1.19	225.491	0.52	0.36	24.28
165.33	1.070	246.350	165.32	-0.02	-1.04	-1.23	1635018.71	496414.75	39°51'24.672"N	80°41'16.549"W	1.61	229.850	0.88	0.56	39.04
190.33	0.920	239.720	190.31	0.07	-1.23	-1.62	1635018.32	496414.56	39°51'24.670"N	80°41'16.554"W	2.03	232.691	0.76	-0.60	-26.52
215.33	0.670	235.780	215.31	0.12	-1.41	-1.91	1635018.02	496414.38	39°51'24.668"N	80°41'16.558"W	2.38	233.473	1.02	-1.00	-15.76
240.33	0.590	228.830	240.31	0.13	-1.58	-2.13	1635017.80	496414.22	39°51'24.666"N	80°41'16.561"W	2.65	233.375	0.44	-0.32	-27.80
265.33	0.400	229.760	265.31	0.12	-1.72	-2.29	1635017.64	496414.08	39°51'24.665"N	80°41'16.563"W	2.87	233.061	0.76	-0.76	3.72
290.33	0.200	228.400	290.31	0.12	-1.81	-2.39	1635017.54	496413.99	39°51'24.664"N	80°41'16.564"W	3.00	232.898	0.80	-0.80	-5.44
315.33	0.120	215.600	315.31	0.11	-1.86	-2.44	1635017.49	496413.94	39°51'24.663"N	80°41'16.565"W	3.07	232.688	0.35	-0.32	-51.20
340.33	0.080	210.850	340.31	0.10	-1.89	-2.46	1635017.46	496413.91	39°51'24.663"N	80°41'16.565"W	3.11	232.426	0.16	-0.16	-19.00
365.33	0.070	336.390	365.31	0.11	-1.90	-2.48	1635017.45	496413.91	39°51'24.663"N	80°41'16.565"W	3.12	232.581	0.53	-0.04	502.16
390.33	0.140	352.470	390.31	0.15	-1.85	-2.49	1635017.44	496413.95	39°51'24.664"N	80°41'16.566"W	3.10	233.344	0.30	0.28	64.32
415.33	0.060	334.610	415.31	0.19	-1.81	-2.50	1635017.43	496413.99	39°51'24.664"N	80°41'16.566"W	3.08	234.078	0.34	-0.32	-71.44
440.33	0.040	107.370	440.31	0.19	-1.80	-2.49	1635017.43	496414.00	39°51'24.664"N	80°41'16.566"W	3.08	234.188	0.37	-0.08	531.04
465.33	0.060	128.930	465.31	0.17	-1.81	-2.48	1635017.45	496413.99	39°51'24.664"N	80°41'16.565"W	3.07	233.821	0.11	0.08	86.24
490.33	0.170	151.760	490.31	0.12	-1.85	-2.45	1635017.48	496413.95	39°51'24.664"N	80°41'16.565"W	3.07	232.900	0.47	0.44	91.32
515.33	0.150	162.260	515.31	0.06	-1.92	-2.42	1635017.50	496413.89	39°51'24.663"N	80°41'16.565"W	3.09	231.646	0.14	-0.08	42.00
529.33	0.140	167.710	529.31	0.02	-1.95	-2.41	1635017.51	496413.85	39°51'24.663"N	80°41'16.565"W	3.10	231.046	0.12	-0.07	38.93
605.33	0.050	210.660	605.31	-0.07	-2.07	-2.41	1635017.51	496413.73	39°51'24.661"N	80°41'16.565"W	3.18	229.340	0.14	-0.12	56.51
636.33	0.080	206.990	636.31	-0.08	-2.10	-2.43	1635017.50	496413.70	39°51'24.661"N	80°41'16.565"W	3.21	229.115	0.10	0.10	-11.84
667.33	0.070	200.380	667.31	-0.10	-2.14	-2.44	1635017.48	496413.67	39°51'24.661"N	80°41'16.565"W	3.24	228.811	0.04	-0.03	-21.32
729.33	0.080	139.590	729.31	-0.16	-2.21	-2.43	1635017.49	496413.60	39°51'24.660"N	80°41'16.565"W	3.28	227.739	0.12	0.02	-98.05
791.33	0.070	134.520	791.31	-0.24	-2.26	-2.37	1635017.55	496413.54	39°51'24.659"N	80°41'16.564"W	3.28	226.323	0.02	-0.02	-8.18
853.33	0.110	79.210	853.31	-0.31	-2.28	-2.29	1635017.63	496413.52	39°51'24.659"N	80°41'16.563"W	3.23	225.078	0.15	0.06	-89.21
915.33	0.080	65.410	915.31	-0.35	-2.25	-2.19	1635017.73	496413.55	39°51'24.660"N	80°41'16.562"W	3.14	224.194	0.06	-0.05	-22.26
976.33	0.120	76.460	976.31	-0.39	-2.22	-2.09	1635017.83	496413.58	39°51'24.660"N	80°41'16.560"W	3.05	223.262	0.07	0.07	18.11

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Area	Marshall County, WV	Well	Taylor B 5H
Field	Marshall County	Wellbore	Taylor B 5H AWB
Facility	Taylor B Pad		

WELLPATH DATA (150 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]
1039.33	0.130	23.820	1039.31	-0.39	-2.14	-1.99	1635017.93	496413.66	39°51'24.661"N	80°41'16.559"W	2.92	223.021	0.18	0.02	-83.56
1101.33	0.340	39.080	1101.31	-0.32	-1.93	-1.85	1635018.07	496413.86	39°51'24.663"N	80°41'16.557"W	2.67	223.787	0.35	0.34	-24.61
1162.33	0.440	38.970	1162.31	-0.23	-1.61	-1.59	1635018.34	496414.18	39°51'24.666"N	80°41'16.554"W	2.26	224.662	0.16	0.16	-0.18
1225.33	0.600	29.260	1225.30	-0.06	-1.13	-1.28	1635018.66	496414.65	39°51'24.671"N	80°41'16.550"W	1.71	228.414	0.29	0.25	-15.41
1287.33	0.740	32.080	1287.30	0.18	-0.51	-0.90	1635019.04	496415.27	39°51'24.677"N	80°41'16.545"W	1.04	240.600	0.23	0.23	4.55
1349.33	0.750	37.110	1349.29	0.40	0.15	-0.45	1635019.51	496415.93	39°51'24.683"N	80°41'16.539"W	0.47	288.925	0.11	0.02	8.11
1410.33	0.710	51.140	1410.29	0.49	0.71	0.09	1635020.05	496416.48	39°51'24.689"N	80°41'16.533"W	0.71	7.098	0.30	-0.07	23.00
1473.33	0.620	59.790	1473.29	0.43	1.13	0.69	1635020.65	496416.89	39°51'24.693"N	80°41'16.525"W	1.32	31.399	0.21	-0.14	13.73
1535.33	0.660	129.000	1535.28	0.03	1.07	1.25	1635021.22	496416.82	39°51'24.692"N	80°41'16.518"W	1.65	49.551	1.17	0.06	111.63
1597.33	1.070	148.030	1597.28	-0.89	0.35	1.84	1635021.79	496416.10	39°51'24.685"N	80°41'16.510"W	1.87	79.117	0.80	0.66	30.69
1660.33	1.580	157.580	1660.26	-2.31	-0.95	2.48	1635022.42	496414.79	39°51'24.672"N	80°41'16.502"W	2.66	110.923	0.88	0.81	15.16
1722.33	1.650	161.760	1722.23	-3.96	-2.59	3.09	1635023.00	496413.14	39°51'24.656"N	80°41'16.494"W	4.03	129.964	0.22	0.11	6.74
1784.33	1.100	177.390	1784.22	-5.27	-4.03	3.39	1635023.29	496411.70	39°51'24.642"N	80°41'16.490"W	5.27	139.898	1.07	-0.89	25.21
1847.33	0.980	205.980	1847.21	-5.98	-5.12	3.18	1635023.07	496410.61	39°51'24.631"N	80°41'16.493"W	6.03	148.107	0.84	-0.19	45.38
1909.33	1.090	250.620	1909.20	-5.99	-5.79	2.40	1635022.27	496409.95	39°51'24.625"N	80°41'16.503"W	6.27	157.520	1.28	0.18	72.00
1972.33	1.290	259.470	1972.18	-5.45	-6.12	1.13	1635021.00	496409.64	39°51'24.621"N	80°41'16.519"W	6.22	169.506	0.43	0.32	14.05
2034.33	1.280	266.670	2034.17	-4.70	-6.29	-0.24	1635019.62	496409.49	39°51'24.620"N	80°41'16.537"W	6.29	182.225	0.26	-0.02	11.61
2097.33	0.750	288.300	2097.16	-3.94	-6.20	-1.34	1635018.53	496409.59	39°51'24.621"N	80°41'16.551"W	6.34	192.185	1.02	-0.84	34.33
2159.33	0.720	302.200	2159.15	-3.23	-5.86	-2.05	1635017.82	496409.94	39°51'24.624"N	80°41'16.560"W	6.21	199.302	0.29	-0.05	22.42
2190.33	0.810	305.740	2190.15	-2.83	-5.63	-2.40	1635017.48	496410.17	39°51'24.626"N	80°41'16.564"W	6.12	203.050	0.33	0.29	11.42
2308.00	1.050	319.180	2307.80	-0.95	-4.33	-3.78	1635016.12	496411.49	39°51'24.639"N	80°41'16.582"W	5.74	221.097	0.27	0.20	11.42
2402.00	0.960	301.120	2401.79	0.66	-3.27	-5.01	1635014.89	496412.57	39°51'24.650"N	80°41'16.598"W	5.98	236.884	0.35	-0.10	-19.21
2497.00	0.700	281.580	2496.78	1.86	-2.74	-6.26	1635013.65	496413.11	39°51'24.655"N	80°41'16.614"W	6.84	246.354	0.40	-0.27	-20.57
2591.00	0.710	284.520	2590.77	2.77	-2.48	-7.39	1635012.53	496413.39	39°51'24.657"N	80°41'16.628"W	7.79	251.441	0.04	0.01	3.13
2686.00	0.740	274.070	2685.77	3.67	-2.29	-8.57	1635011.35	496413.59	39°51'24.659"N	80°41'16.644"W	8.87	255.043	0.14	0.03	-11.00
2781.00	0.580	127.890	2780.76	3.63	-2.54	-8.80	1635011.11	496413.35	39°51'24.657"N	80°41'16.647"W	9.16	253.897	1.33	-0.17	-153.87
2875.00	0.110	117.320	2874.76	3.08	-2.87	-8.35	1635011.57	496413.01	39°51'24.653"N	80°41'16.641"W	8.83	250.996	0.50	-0.50	-11.24
2970.00	0.170	188.980	2969.76	2.90	-3.06	-8.29	1635011.62	496412.82	39°51'24.652"N	80°41'16.640"W	8.83	249.760	0.18	0.06	75.43
3065.00	0.250	184.760	3064.76	2.66	-3.40	-8.33	1635011.58	496412.48	39°51'24.648"N	80°41'16.640"W	9.00	247.780	0.09	0.08	-4.44
3158.00	0.060	33.240	3157.76	2.53	-3.56	-8.32	1635011.59	496412.32	39°51'24.647"N	80°41'16.640"W	9.05	246.810	0.33	-0.20	-162.92

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WELLPATH DATA (150 stations) † = interpolated/extrapolated station															
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3252.00	0.320	297.660	3251.76	2.78	-3.40	-8.52	1635011.38	496412.48	39°51'24.648"N	80°41'16.643"W	9.18	248.251	0.35	0.28	-101.68
3347.00	0.440	288.410	3346.76	3.34	-3.16	-9.10	1635010.81	496412.73	39°51'24.651"N	80°41'16.650"W	9.64	250.848	0.14	0.13	-9.74
3441.00	0.380	257.260	3440.75	3.78	-3.12	-9.75	1635010.16	496412.78	39°51'24.651"N	80°41'16.659"W	10.24	252.275	0.24	-0.06	-33.14
3536.00	0.470	280.450	3535.75	4.22	-3.12	-10.44	1635009.47	496412.79	39°51'24.651"N	80°41'16.668"W	10.90	253.386	0.20	0.09	24.41
3630.00	0.710	290.060	3629.75	5.02	-2.85	-11.37	1635008.55	496413.07	39°51'24.654"N	80°41'16.679"W	11.72	255.945	0.28	0.26	10.22
3725.00	0.710	294.050	3724.74	6.05	-2.40	-12.46	1635007.46	496413.53	39°51'24.658"N	80°41'16.693"W	12.69	259.078	0.05	0.00	4.20
3914.00	0.600	301.330	3913.73	8.03	-1.41	-14.37	1635005.56	496414.55	39°51'24.668"N	80°41'16.718"W	14.44	264.388	0.07	-0.06	3.85
4009.00	0.780	324.650	4008.72	9.15	-0.63	-15.17	1635004.77	496415.34	39°51'24.676"N	80°41'16.728"W	15.18	267.637	0.35	0.19	24.55
4104.00	0.720	298.370	4103.71	10.35	0.18	-16.07	1635003.88	496416.17	39°51'24.684"N	80°41'16.740"W	16.07	270.659	0.36	-0.06	-27.66
4198.00	0.470	265.690	4197.71	11.11	0.44	-16.97	1635002.98	496416.43	39°51'24.686"N	80°41'16.751"W	16.98	271.473	0.44	-0.27	-34.77
4293.00	0.760	278.530	4292.70	11.81	0.50	-17.99	1635001.97	496416.51	39°51'24.687"N	80°41'16.764"W	17.99	271.595	0.34	0.31	13.52
4388.00	0.590	269.680	4387.70	12.58	0.59	-19.10	1635000.86	496416.61	39°51'24.688"N	80°41'16.779"W	19.11	271.774	0.21	-0.18	-9.32
4482.00	0.300	125.870	4481.69	12.65	0.44	-19.38	1635000.58	496416.47	39°51'24.686"N	80°41'16.782"W	19.39	271.314	0.91	-0.31	-152.99
4577.00	0.210	192.360	4576.69	12.30	0.13	-19.22	1635000.74	496416.15	39°51'24.683"N	80°41'16.780"W	19.22	270.384	0.30	-0.09	69.99
4672.00	0.450	282.230	4671.69	12.49	0.04	-19.62	1635000.33	496416.07	39°51'24.682"N	80°41'16.785"W	19.62	270.110	0.52	0.25	94.60
4766.00	0.650	256.830	4765.69	13.01	-0.01	-20.50	1634999.45	496416.04	39°51'24.682"N	80°41'16.797"W	20.50	269.984	0.33	0.21	-27.02
4861.00	0.410	275.570	4860.68	13.49	-0.10	-21.36	1634998.59	496415.96	39°51'24.681"N	80°41'16.808"W	21.36	269.744	0.31	-0.25	19.73
4956.00	0.190	70.530	4955.68	13.68	-0.01	-21.55	1634998.40	496416.05	39°51'24.682"N	80°41'16.810"W	21.55	269.974	0.62	-0.23	163.12
5050.00	0.370	50.110	5049.68	13.63	0.24	-21.17	1634998.78	496416.29	39°51'24.684"N	80°41'16.805"W	21.18	270.641	0.22	0.19	-21.72
5145.00	0.450	517.010	5144.68	14.00	0.71	-21.19	1634998.77	496416.76	39°51'24.689"N	80°41'16.805"W	21.20	271.909	0.63	0.08	-98.00
5217.00†	0.808	0.318	5216.68	14.67	1.42	-21.38	1634998.59	496417.47	39°51'24.696"N	80°41'16.808"W	21.43	273.801	0.79	0.50	60.15
5232.00	0.910	4.370	5231.68	14.84	1.65	-21.37	1634998.60	496417.70	39°51'24.698"N	80°41'16.808"W	21.44	274.401	0.79	0.68	27.02
5327.00	7.750	32.140	5326.35	17.42	7.83	-17.90	1635002.15	496423.83	39°51'24.759"N	80°41'16.763"W	19.54	293.618	7.32	7.20	29.23
5422.00	15.320	34.060	5419.37	23.02	23.67	-7.45	1635012.81	496439.54	39°51'24.916"N	80°41'16.629"W	24.82	342.526	7.98	7.97	2.02
5516.00	22.260	41.560	5508.31	29.36	47.31	11.34	1635031.91	496462.93	39°51'25.149"N	80°41'16.388"W	48.65	13.478	7.80	7.38	7.98
5611.00	29.800	41.350	5593.62	35.98	78.54	38.91	1635059.90	496493.79	39°51'25.458"N	80°41'16.035"W	87.65	26.354	7.94	7.94	-0.22
5706.00	36.220	47.410	5673.26	41.34	115.31	75.22	1635096.68	496530.07	39°51'25.821"N	80°41'15.569"W	137.67	33.118	7.59	6.76	6.38
5801.00	43.390	48.870	5746.20	43.88	155.82	120.52	1635142.51	496569.97	39°51'26.222"N	80°41'14.988"W	196.99	37.721	7.61	7.55	1.54
5895.00	49.340	46.330	5811.04	47.50	201.72	170.68	1635193.27	496615.21	39°51'26.675"N	80°41'14.345"W	264.24	40.235	6.62	6.33	-2.70
5990.00	49.360	46.260	5872.93	52.89	251.52	222.78	1635246.03	496664.31	39°51'27.168"N	80°41'13.677"W	336.00	41.533	0.06	0.02	-0.07

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REFERENCE WELLPATH IDENTIFICATION			
Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #05
Area	Marshall County, WV	Well	Taylor B 5H
Field	Marshall County	Wellbore	Taylor B 5H AWB
Facility	Taylor B Pad		

WELLPATH DATA (150 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]
6083.00	49.470	46.440	5934.73	58.23	301.32	274.99	1635298.88	496713.41	39°51'27.660"N	80°41'13.007"W	407.94	42.384	0.18	0.12	0.19
6180.00	49.350	46.150	5996.54	63.63	351.17	327.14	1635351.69	496762.56	39°51'28.152"N	80°41'12.339"W	479.94	42.971	0.26	-0.13	-0.31
6275.00	48.890	43.980	6058.72	70.54	401.89	377.98	1635403.19	496812.61	39°51'28.654"N	80°41'11.687"W	551.71	43.244	1.79	-0.48	-2.28
6369.00	48.310	42.960	6120.88	79.28	453.06	426.49	1635452.37	496863.13	39°51'29.159"N	80°41'11.065"W	622.22	43.270	1.02	-0.62	-1.09
6464.00	48.800	35.480	6183.82	93.32	508.17	471.45	1635498.05	496917.63	39°51'29.704"N	80°41'10.488"W	693.18	42.853	5.92	0.52	-7.87
6559.00	51.320	24.350	6244.91	119.08	571.18	507.55	1635534.98	496980.16	39°51'30.326"N	80°41'10.025"W	764.10	41.624	9.36	2.65	-11.72
6653.00	54.810	14.850	6301.47	157.80	641.86	532.57	1635560.93	497050.50	39°51'31.025"N	80°41'09.704"W	834.03	39.684	8.88	3.71	-10.11
6748.00	57.520	9.380	6354.39	206.91	718.97	549.06	1635578.44	497127.38	39°51'31.787"N	80°41'09.493"W	904.65	37.368	5.57	2.85	-5.76
6843.00	60.480	359.980	6403.39	265.37	799.99	555.59	1635586.04	497208.30	39°51'32.588"N	80°41'09.409"W	973.99	34.780	9.03	3.12	-9.89
6937.00	64.350	348.990	6447.02	334.44	882.71	547.46	1635579.00	497291.11	39°51'33.405"N	80°41'09.513"W	1038.69	31.807	11.14	4.12	-11.69
7031.00	68.430	341.660	6484.70	412.61	965.91	525.58	1635558.23	497374.60	39°51'34.227"N	80°41'09.794"W	1099.65	28.552	8.36	4.34	-7.80
7126.00	72.970	338.190	6516.10	497.19	1050.08	494.78	1635528.55	497459.16	39°51'35.059"N	80°41'10.189"W	1160.81	25.229	5.89	4.78	-3.65
7220.00	79.160	334.760	6538.73	584.89	1133.66	458.36	1635493.23	497543.21	39°51'35.885"N	80°41'10.656"W	1222.81	22.014	7.48	6.59	-3.65
7315.00	84.580	330.300	6552.17	676.85	1217.04	414.98	1635450.96	497627.15	39°51'36.709"N	80°41'11.212"W	1285.84	18.828	7.36	5.71	-4.69
7410.00	89.910	327.070	6556.74	770.75	1298.06	365.68	1635402.74	497708.81	39°51'37.510"N	80°41'11.844"W	1348.58	15.733	6.56	5.61	-3.40
7504.00	90.550	321.790	6556.36	864.51	1374.49	311.02	1635349.10	497785.96	39°51'38.265"N	80°41'12.545"W	1409.24	12.750	5.66	0.68	-5.62
7599.00	89.540	321.110	6556.28	959.49	1448.79	251.82	1635290.89	497861.02	39°51'39.000"N	80°41'13.304"W	1470.51	9.860	1.28	-1.06	-0.72
7693.00	89.720	319.750	6556.89	1053.49	1521.24	191.94	1635231.98	497934.26	39°51'39.716"N	80°41'14.072"W	1533.30	7.191	1.46	0.19	-1.45
7788.00	89.380	319.370	6557.64	1148.47	1593.54	130.32	1635171.32	498007.37	39°51'40.430"N	80°41'14.862"W	1598.86	4.675	0.54	-0.36	-0.40
7882.00	89.510	320.290	6558.55	1242.46	1665.37	69.69	1635111.65	498079.98	39°51'41.140"N	80°41'15.640"W	1666.83	2.396	0.99	0.14	0.98
7976.00	90.120	319.990	6558.85	1336.45	1737.52	9.45	1635052.37	498152.92	39°51'41.853"N	80°41'16.413"W	1737.55	0.311	0.72	0.65	-0.32
8071.00	90.060	319.030	6558.70	1431.43	1809.77	-52.24	1634991.65	498225.98	39°51'42.567"N	80°41'17.204"W	1810.52	358.347	1.01	-0.06	-1.01
8165.00	90.740	319.830	6558.05	1525.41	1881.17	-113.37	1634931.47	498298.18	39°51'43.273"N	80°41'17.988"W	1884.58	356.551	1.12	0.72	0.85
8260.00	90.800	321.530	6556.77	1620.40	1954.66	-173.56	1634872.26	498372.45	39°51'43.999"N	80°41'18.759"W	1962.35	354.926	1.79	0.06	1.79
8354.00	90.740	324.760	6555.51	1714.29	2029.85	-229.93	1634816.89	498448.38	39°51'44.742"N	80°41'19.482"W	2042.83	353.537	3.44	-0.06	3.44
8449.00	90.770	322.390	6554.25	1809.14	2106.28	-286.33	1634761.51	498525.54	39°51'45.497"N	80°41'20.206"W	2125.65	352.259	2.49	0.03	-2.49
8543.00	90.860	320.020	6552.92	1903.12	2179.53	-345.21	1634703.60	498599.56	39°51'46.221"N	80°41'20.961"W	2206.70	351.000	2.52	0.10	-2.52
8638.00	90.800	319.750	6551.54	1998.10	2252.18	-406.42	1634643.37	498673.00	39°51'46.939"N	80°41'21.746"W	2288.55	349.771	0.29	-0.06	-0.28
8732.00	90.710	320.820	6550.30	2092.09	2324.48	-466.47	1634584.28	498746.09	39°51'47.654"N	80°41'22.516"W	2370.82	348.653	1.14	-0.10	1.14
8827.00	90.860	320.150	6549.00	2187.08	2397.76	-526.91	1634524.81	498820.16	39°51'48.378"N	80°41'23.291"W	2454.97	347.606	0.72	0.16	-0.71

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Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #05
Area	Marshall County, WV	Well	Taylor B 5H
Field	Marshall County	Wellbore	Taylor B 5H AWB
Facility	Taylor B Pad		

WELLPATH DATA (150 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]
8921.00	91.200	320.230	6547.31	2281.06	2469.95	-587.09	1634465.60	498893.14	89°51'49.091"N	80°41'24.063"W	2538.77	346.629	0.37	0.36	0.09
9016.00	90.980	320.580	6545.50	2376.05	2543.15	-647.62	1634406.04	498967.12	89°51'49.815"N	80°41'24.839"W	2624.31	345.713	0.44	-0.23	0.37
9110.00	91.230	319.440	6543.69	2470.02	2615.15	-708.02	1634346.61	499039.91	89°51'50.526"N	80°41'25.613"W	2709.30	344.851	1.24	0.27	-1.21
9205.00	90.340	318.520	6542.39	2564.97	2686.82	-770.37	1634285.22	499112.39	89°51'51.234"N	80°41'26.413"W	2795.08	344.001	1.35	-0.94	-0.97
9299.00	90.250	316.840	6541.90	2658.85	2756.32	-833.65	1634222.86	499182.72	89°51'51.921"N	80°41'27.225"W	2879.63	343.172	1.79	-0.10	-1.79
9394.00	90.220	316.080	6541.51	2753.60	2825.18	-899.09	1634158.34	499252.44	89°51'52.602"N	80°41'28.064"W	2964.79	342.347	0.80	-0.03	-0.80
9489.00	90.060	317.110	6541.28	2848.37	2894.20	-964.37	1634093.98	499322.31	89°51'53.284"N	80°41'28.901"W	3050.64	341.572	1.10	-0.17	1.08
9583.00	90.060	317.820	6541.18	2942.23	2963.46	-1027.92	1634031.36	499392.41	89°51'53.968"N	80°41'29.716"W	3136.67	340.870	0.76	0.00	0.76
9677.00	90.030	318.960	6541.11	3036.16	3033.74	-1090.34	1633969.88	499463.50	89°51'54.663"N	80°41'30.517"W	3223.73	340.231	1.21	-0.03	1.21
9772.00	90.460	318.800	6540.70	3131.11	3105.31	-1152.81	1633908.36	499535.89	89°51'55.370"N	80°41'31.318"W	3312.39	339.633	0.48	0.45	-0.17
9867.00	90.370	318.150	6540.02	3226.05	3176.43	-1215.79	1633846.33	499607.83	89°51'56.073"N	80°41'32.126"W	3401.15	339.055	0.69	-0.09	-0.68
9961.00	90.460	319.130	6539.33	3319.99	3246.98	-1277.90	1633785.16	499679.19	89°51'56.770"N	80°41'32.922"W	3489.40	338.517	1.05	0.10	1.04
10056.00	90.550	320.560	6538.50	3414.97	3319.59	-1339.16	1633724.87	499752.60	89°51'57.487"N	80°41'33.708"W	3579.52	338.030	1.51	0.09	1.51
10150.00	90.550	320.980	6537.60	3508.97	3392.40	-1398.60	1633666.40	499826.18	89°51'58.207"N	80°41'34.470"W	3669.39	337.595	0.45	0.00	0.45
10245.00	90.460	321.650	6536.76	3603.96	3466.55	-1457.98	1633608.01	499901.11	89°51'58.940"N	80°41'35.232"W	3760.67	337.189	0.71	-0.09	0.71
10340.00	90.580	322.750	6535.90	3698.91	3541.61	-1516.20	1633550.79	499976.93	89°51'59.682"N	80°41'35.979"W	3852.51	336.824	1.16	0.13	1.16
10434.00	90.430	324.000	6535.07	3792.80	3617.05	-1572.28	1633495.72	500053.10	89°52'00.427"N	80°41'36.698"W	3943.99	336.506	1.34	-0.16	1.33
10528.00	90.490	323.860	6534.31	3886.63	3693.02	-1627.62	1633441.39	500129.79	89°52'01.178"N	80°41'37.408"W	4035.79	336.216	0.16	0.06	-0.15
10623.00	90.430	322.450	6533.55	3981.53	3769.04	-1684.58	1633385.44	500206.56	89°52'01.929"N	80°41'38.138"W	4128.38	335.918	1.49	-0.06	-1.48
10717.00	90.550	321.620	6532.75	4075.50	3843.15	-1742.41	1633328.60	500281.42	89°52'02.661"N	80°41'38.880"W	4219.69	335.611	0.89	0.13	-0.88
10812.00	90.550	321.960	6531.83	4170.47	3917.79	-1801.17	1633270.84	500356.83	89°52'03.399"N	80°41'39.633"W	4311.99	335.310	0.36	0.00	0.36
10906.00	90.550	321.890	6530.93	4264.44	3991.78	-1859.13	1633213.86	500431.58	89°52'04.130"N	80°41'40.377"W	4403.49	335.027	0.07	0.00	-0.07
11001.00	90.460	322.380	6530.09	4359.41	4066.78	-1917.44	1633156.55	500507.33	89°52'04.871"N	80°41'41.125"W	4496.14	334.757	0.52	-0.09	0.52
11095.00	90.490	322.000	6529.32	4453.37	4141.04	-1975.07	1633099.91	500582.34	89°52'05.605"N	80°41'41.864"W	4587.93	334.501	0.41	0.03	-0.40
11190.00	90.620	319.820	6528.39	4548.35	4214.77	-2034.96	1633041.00	500656.85	89°52'06.334"N	80°41'42.632"W	4680.31	334.228	2.30	0.14	-2.29
11284.00	90.740	316.350	6527.28	4642.24	4284.70	-2097.74	1632979.15	500727.61	89°52'07.025"N	80°41'43.437"W	4770.66	333.914	3.69	0.13	-3.69
11379.00	90.710	314.940	6526.08	4736.88	4352.62	-2164.15	1632913.65	500796.39	89°52'07.696"N	80°41'44.289"W	4860.95	333.563	1.48	-0.03	-1.48
11474.00	90.650	317.090	6524.95	4831.56	4420.97	-2230.12	1632848.60	500865.60	89°52'08.371"N	80°41'45.135"W	4951.60	333.232	2.26	-0.06	2.26
11568.00	90.770	321.010	6523.78	4925.50	4491.94	-2291.71	1632787.96	500937.38	89°52'09.073"N	80°41'45.925"W	5042.77	332.970	4.17	0.13	4.17
11649.00	90.770	321.010	6522.70	5006.50	4554.90	-2342.67	1632737.84	501001.00	89°52'09.695"N	80°41'46.579"W	5122.03	332.782	0.00	0.00	0.00

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REFERENCE WELLPATH IDENTIFICATION			
Operator	CHEVRON APPALACHIA, LLC	Slot	Slot #05
Area	Marshall County, WV	Well	Taylor B 5H
Field	Marshall County	Wellbore	Taylor B 5H AWB
Facility	Taylor B Pad		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Taylor B 5H BHL Rev-4		6512.89	4569.59	-2324.82	1632755.88	501015.46	39°52'09.840"N	80°41'46.350"W	point
Taylor B 5H LP Rev-4		6550.00	1283.89	375.38	1635412.25	497694.52	39°51'37.370"N	80°41'11.720"W	point
Taylor B Buffer1		6753.33	10.17	-43.84	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon
Taylor B Buffer2		6753.33	10.17	-43.84	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon
Taylor B Buffer3		6753.33	10.17	-43.84	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon
Taylor B Buffer4		6753.33	10.17	-43.84	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon
Taylor B LL1		6803.33	10.17	-43.84	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon
Taylor B LL2		6803.33	10.17	-43.84	1634976.25	496426.52	39°51'24.782"N	80°41'17.096"W	polygon

WELLPATH COMPOSITION - Ref Wellbore: Taylor B 5H AWB Ref Wellpath: Taylor B 5H AWP Proj:				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
32.00	529.33	Generic gyro - northseeking (Standard)	01 Gyrodata MS Gyro <17-1/2"> (50'-514')	Taylor B 5H AWB
529.33	2190.33	NaviTrak (MagCorr)	02 APS EM <12-1/4"> (514')(590'-2175') Proj:2251'	Taylor B 5H AWB
2190.33	11649.00	NaviTrak (MagCorr)	03 BHI MWD <8-1/2"> (2190.33')(xxxx'-	Taylor B 5H AWB

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