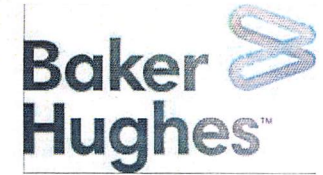




# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Manajohj
Scale	0.999941	Report Generated	7/20/2022 at 5:14:22 PM
Convergence at slot	0.68° West	Database	WA_MPL_EASTERNUS_Defn

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	44.28	8.21	1698793.49	400767.94	39°35'43.5171"N	80°34'8.0079"W
Facility Reference Pt			1698785.28	400723.66	39°35'43.0785"N	80°34'8.1061"W
Field Reference Pt			1688243.35	385255.46	39°33'8.9436"N	80°36'20.3370"W

## WELLPATH DATUM

Calculation method	Minimum curvature	Patterson 292 (RKB) to Facility Vertical Datum	1458.00ft
Horizontal Reference Pt	Slot	Patterson 292 (RKB) to Mean Sea Level	1458.00ft
Vertical Reference Pt	Patterson 292 (RKB)	Patterson 292 (RKB) to Ground Level at Slot (Slot #112)	28.00ft
MD Reference Pt	Patterson 292 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	143.49°

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# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## WELLPATH DATA (317 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	282.420	0.00	0.00	0.00	0.00	1698793.49	400767.94	39°35'43.5171"N	80°34'8.0079"W	0.00	0.000	0.00	0.00	0.00
28.00	0.000	282.420	28.00	0.00	0.00	0.00	1698793.49	400767.94	39°35'43.5171"N	80°34'8.0079"W	0.00	0.000	0.00	0.00	0.00
115.00	0.170	282.420	115.00	-0.10	0.03	-0.13	1698793.36	400767.97	39°35'43.5174"N	80°34'8.0095"W	0.13	282.420	0.20	0.20	0.00
165.00	0.220	306.460	165.00	-0.25	0.10	-0.28	1698793.21	400768.04	39°35'43.5181"N	80°34'8.0114"W	0.29	290.076	0.19	0.10	48.08
215.00	0.210	291.930	215.00	-0.41	0.19	-0.44	1698793.05	400768.13	39°35'43.5190"N	80°34'8.0135"W	0.48	293.678	0.11	-0.02	-29.06
265.00	0.120	293.370	265.00	-0.54	0.25	-0.57	1698792.92	400768.19	39°35'43.5195"N	80°34'8.0152"W	0.62	293.395	0.18	-0.18	2.88
315.00	0.140	329.180	315.00	-0.64	0.32	-0.65	1698792.84	400768.26	39°35'43.5202"N	80°34'8.0163"W	0.72	296.217	0.16	0.04	71.62
365.00	0.140	11.990	365.00	-0.75	0.43	-0.67	1698792.82	400768.37	39°35'43.5213"N	80°34'8.0165"W	0.80	302.882	0.20	0.00	85.62
415.00	0.180	315.180	415.00	-0.86	0.55	-0.71	1698792.78	400768.49	39°35'43.5225"N	80°34'8.0171"W	0.90	307.596	0.31	0.08	-113.62
465.00	0.210	327.440	465.00	-1.03	0.68	-0.82	1698792.67	400768.62	39°35'43.5238"N	80°34'8.0184"W	1.06	309.832	0.10	0.06	24.52
515.00	0.250	298.910	515.00	-1.22	0.81	-0.96	1698792.53	400768.75	39°35'43.5250"N	80°34'8.0203"W	1.26	310.153	0.24	0.08	-57.06
565.00	0.180	333.270	565.00	-1.40	0.93	-1.09	1698792.40	400768.87	39°35'43.5262"N	80°34'8.0220"W	1.44	310.535	0.29	-0.14	68.72
615.00	0.200	327.000	615.00	-1.56	1.08	-1.17	1698792.32	400769.02	39°35'43.5276"N	80°34'8.0231"W	1.59	312.515	0.06	0.04	-12.54
665.00	0.200	324.870	665.00	-1.74	1.22	-1.27	1698792.22	400769.16	39°35'43.5291"N	80°34'8.0244"W	1.76	313.831	0.01	0.00	-4.26
715.00	0.240	279.150	715.00	-1.90	1.31	-1.43	1698792.06	400769.25	39°35'43.5299"N	80°34'8.0263"W	1.94	312.562	0.35	0.08	-91.44
765.00	0.420	260.920	765.00	-2.06	1.30	-1.71	1698791.78	400769.24	39°35'43.5298"N	80°34'8.0300"W	2.15	307.180	0.41	0.36	-36.46
815.00	0.470	277.690	814.99	-2.29	1.30	-2.09	1698791.40	400769.24	39°35'43.5297"N	80°34'8.0349"W	2.46	301.744	0.28	0.10	33.54
865.00	0.360	331.360	864.99	-2.59	1.46	-2.37	1698791.12	400769.40	39°35'43.5313"N	80°34'8.0384"W	2.79	301.621	0.77	-0.22	107.34
915.00	0.400	338.020	914.99	-2.91	1.76	-2.51	1698790.98	400769.70	39°35'43.5342"N	80°34'8.0403"W	3.07	305.011	0.12	0.08	13.32
965.00	0.280	325.670	964.99	-3.20	2.02	-2.65	1698790.84	400769.96	39°35'43.5368"N	80°34'8.0420"W	3.33	307.387	0.28	-0.24	-24.70
1015.00	0.220	315.550	1014.99	-3.42	2.19	-2.78	1698790.71	400770.13	39°35'43.5385"N	80°34'8.0438"W	3.54	308.227	0.15	-0.12	-20.24
1065.00	0.140	351.560	1064.99	-3.57	2.32	-2.86	1698790.63	400770.26	39°35'43.5397"N	80°34'8.0448"W	3.68	309.070	0.27	-0.16	72.02
1115.00	0.140	328.690	1114.99	-3.68	2.43	-2.90	1698790.59	400770.37	39°35'43.5409"N	80°34'8.0453"W	3.79	310.004	0.11	0.00	-45.74
1165.00	0.170	313.650	1164.99	-3.82	2.54	-2.99	1698790.50	400770.48	39°35'43.5419"N	80°34'8.0464"W	3.92	310.359	0.10	0.06	-30.08
1215.00	0.050	349.950	1214.99	-3.91	2.61	-3.04	1698790.45	400770.55	39°35'43.5426"N	80°34'8.0472"W	4.01	310.619	0.27	-0.24	72.60
1265.00	0.160	69.790	1264.99	-3.91	2.66	-2.98	1698790.51	400770.60	39°35'43.5430"N	80°34'8.0464"W	3.99	311.692	0.32	0.22	159.68
1315.00	0.840	81.500	1314.99	-3.72	2.73	-2.55	1698790.94	400770.67	39°35'43.5439"N	80°34'8.0410"W	3.74	316.953	1.37	1.36	23.42
1365.00	2.410	81.250	1364.97	-3.06	2.95	-1.15	1698792.34	400770.89	39°35'43.5461"N	80°34'8.0231"W	3.17	338.650	3.14	3.14	-0.50
1415.00	4.070	74.050	1414.88	-1.94	3.60	1.59	1698795.08	400771.54	39°35'43.5529"N	80°34'7.9881"W	3.93	23.887	3.41	3.32	-14.40
1465.00	5.330	66.530	1464.72	-0.80	5.01	5.43	1698798.92	400772.95	39°35'43.5673"N	80°34'7.9393"W	7.39	47.306	2.80	2.52	-15.04



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# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## WELLPATH DATA (317 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]
1515.00	6.280	63.720	1514.46	0.21	7.14	10.01	1698803.50	400775.08	39°35'43.5889"N	80°34'7.8811"W	12.30	54.487	1.98	1.90	-5.62
1565.00	7.590	59.270	1564.09	1.03	10.04	15.30	1698808.79	400777.98	39°35'43.6182"N	80°34'7.8140"W	18.30	56.723	2.83	2.62	-8.90
1615.00	8.360	56.570	1613.61	1.56	13.73	21.17	1698814.66	400781.67	39°35'43.6553"N	80°34'7.7395"W	25.24	57.034	1.71	1.54	-5.40
1665.00	9.120	52.050	1663.03	1.66	18.17	27.33	1698820.82	400786.11	39°35'43.6999"N	80°34'7.6615"W	32.82	56.382	2.05	1.52	-9.04
1715.00	9.540	51.570	1712.37	1.42	23.18	33.70	1698827.19	400791.12	39°35'43.7502"N	80°34'7.5809"W	40.91	55.476	0.85	0.84	-0.96
1765.00	10.040	51.330	1761.64	1.11	28.48	40.35	1698833.84	400796.42	39°35'43.8034"N	80°34'7.4968"W	49.39	54.783	1.00	1.00	-0.48
1815.00	10.110	51.810	1810.87	0.82	33.92	47.20	1698840.69	400801.86	39°35'43.8579"N	80°34'7.4101"W	58.13	54.300	0.22	0.14	0.96
1865.00	8.490	48.330	1860.21	0.36	39.09	53.41	1698846.90	400807.02	39°35'43.9097"N	80°34'7.3316"W	66.19	53.802	3.43	-3.24	-6.96
1915.00	7.710	41.710	1909.71	-0.66	44.05	58.40	1698851.89	400811.98	39°35'43.9593"N	80°34'7.2687"W	73.15	52.976	2.43	-1.56	-13.24
1965.00	7.300	33.270	1959.28	-2.44	49.21	62.37	1698855.86	400817.14	39°35'44.0107"N	80°34'7.2187"W	79.45	51.731	2.35	-0.82	-16.88
2015.00	7.400	30.150	2008.87	-4.81	54.65	65.73	1698859.22	400822.58	39°35'44.0649"N	80°34'7.1766"W	85.48	50.263	0.82	0.20	-6.24
2065.00	8.150	29.090	2058.41	-7.55	60.53	69.07	1698862.56	400828.46	39°35'44.1234"N	80°34'7.1348"W	91.84	48.773	1.53	1.50	-2.12
2115.00	8.860	35.150	2107.86	-10.23	66.77	73.01	1698866.50	400834.71	39°35'44.1856"N	80°34'7.0854"W	98.94	47.557	2.28	1.42	12.12
2165.00	9.290	39.560	2157.24	-12.41	73.03	77.80	1698871.29	400840.97	39°35'44.2480"N	80°34'7.0252"W	106.71	46.811	1.63	0.86	8.82
2215.00	8.390	46.550	2206.65	-13.82	78.65	83.02	1698876.50	400846.59	39°35'44.3042"N	80°34'6.9594"W	114.36	46.547	2.80	-1.80	13.98
2265.00	7.880	50.630	2256.14	-14.44	83.34	88.32	1698881.80	400851.27	39°35'44.3511"N	80°34'6.8925"W	121.43	46.663	1.54	-1.02	8.16
2315.00	7.760	49.680	2305.68	-14.83	87.69	93.54	1698887.03	400855.63	39°35'44.3948"N	80°34'6.8264"W	128.22	46.848	0.35	-0.24	-1.90
2365.00	7.900	48.120	2355.21	-15.38	92.17	98.67	1698892.16	400860.11	39°35'44.4396"N	80°34'6.7615"W	135.03	46.951	0.51	0.28	-3.12
2415.00	8.700	47.620	2404.69	-16.08	97.01	104.03	1698897.51	400864.95	39°35'44.4881"N	80°34'6.6939"W	142.24	46.997	1.61	1.60	-1.00
2465.00	9.090	45.820	2454.09	-17.00	102.32	109.65	1698903.13	400870.25	39°35'44.5412"N	80°34'6.6228"W	149.97	46.982	0.96	0.78	-3.60
2515.00	9.180	45.830	2503.45	-18.06	107.85	115.34	1698908.83	400875.78	39°35'44.5965"N	80°34'6.5510"W	157.91	46.924	0.18	0.18	0.02
2565.00	9.130	43.870	2552.82	-19.25	113.49	120.95	1698914.44	400881.42	39°35'44.6529"N	80°34'6.4802"W	165.86	46.824	0.63	-0.10	-3.92
2582.00	9.270	44.310	2569.60	-19.70	115.44	122.85	1698916.33	400883.37	39°35'44.6724"N	80°34'6.4563"W	168.57	46.780	0.92	0.82	2.59
2720.00	9.310	40.560	2705.79	-23.97	131.87	137.87	1698931.35	400899.80	39°35'44.8366"N	80°34'6.2669"W	190.78	46.273	0.44	0.03	-2.72
2752.00	9.520	39.140	2737.36	-25.20	135.89	141.22	1698934.70	400903.82	39°35'44.8767"N	80°34'6.2247"W	195.99	46.102	0.98	0.66	-4.44
2784.00	9.320	38.370	2768.93	-26.53	139.98	144.50	1698937.98	400907.91	39°35'44.9174"N	80°34'6.1834"W	201.18	45.911	0.74	-0.63	-2.41
2815.00	9.350	36.980	2799.52	-27.90	143.96	147.57	1698941.05	400911.89	39°35'44.9571"N	80°34'6.1448"W	206.16	45.711	0.73	0.10	-4.48
2847.00	9.200	37.420	2831.10	-29.35	148.06	150.69	1698944.17	400915.99	39°35'44.9981"N	80°34'6.1056"W	211.26	45.504	0.52	-0.47	1.38
2879.00	9.640	40.510	2862.67	-30.66	152.13	153.99	1698947.47	400920.06	39°35'45.0387"N	80°34'6.0641"W	216.46	45.347	2.09	1.38	9.66
2911.00	10.250	44.850	2894.18	-31.69	156.19	157.73	1698951.22	400924.12	39°35'45.0792"N	80°34'6.0168"W	221.98	45.282	3.02	1.91	13.56



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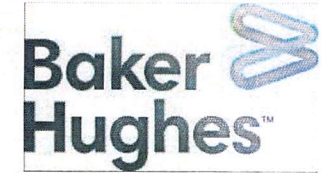
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WV Department of  
Environmental Protection

# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## WELLPATH DATA (317 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]
2943.00	10.710	49.960	2925.65	-32.30	160.12	162.02	1698955.50	400928.05	39°35'45.1186"N	80°34'5.9627"W	227.79	45.338	3.24	1.44	15.97
2972.00	11.190	53.530	2954.12	-32.47	163.53	166.35	1698959.83	400931.46	39°35'45.1527"N	80°34'5.9080"W	233.26	45.490	2.86	1.66	12.31
3003.00	11.770	56.310	2984.50	-32.31	167.07	171.40	1698964.87	400935.00	39°35'45.1883"N	80°34'5.8440"W	239.35	45.733	2.59	1.87	8.97
3034.00	12.630	56.720	3014.80	-31.96	170.68	176.86	1698970.34	400938.61	39°35'45.2247"N	80°34'5.7748"W	245.79	46.018	2.79	2.77	1.32
3066.00	13.580	57.190	3045.97	-31.52	174.64	182.94	1698976.42	400942.57	39°35'45.2645"N	80°34'5.6977"W	252.91	46.330	2.99	2.97	1.47
3097.00	14.460	56.920	3076.05	-31.05	178.72	189.24	1698982.72	400946.65	39°35'45.3056"N	80°34'5.6178"W	260.30	46.638	2.85	2.84	-0.97
3128.00	14.870	56.650	3106.04	-30.60	183.02	195.81	1698989.29	400950.95	39°35'45.3489"N	80°34'5.5346"W	268.03	46.933	1.34	1.32	-0.87
3160.00	14.860	55.540	3136.97	-30.23	187.60	202.62	1698996.10	400955.53	39°35'45.3949"N	80°34'5.4482"W	276.13	47.205	0.89	-0.03	-3.47
3192.00	14.720	54.290	3167.90	-30.03	192.29	209.31	1699002.78	400960.22	39°35'45.4421"N	80°34'5.3636"W	284.23	47.426	1.09	-0.44	-3.91
3223.00	14.230	52.180	3197.92	-30.06	196.93	215.51	1699008.99	400964.86	39°35'45.4886"N	80°34'5.2850"W	291.94	47.580	2.32	-1.58	-6.81
3255.00	14.260	51.020	3228.94	-30.32	201.82	221.69	1699015.16	400969.75	39°35'45.5377"N	80°34'5.2069"W	299.79	47.686	0.90	0.09	-3.62
3287.00	14.070	49.630	3259.96	-30.75	206.82	227.71	1699021.19	400974.75	39°35'45.5878"N	80°34'5.1307"W	307.62	47.753	1.22	-0.59	-4.34
3322.00	13.830	50.200	3293.93	-31.28	212.25	234.17	1699027.64	400980.18	39°35'45.6422"N	80°34'5.0490"W	316.05	47.810	0.79	-0.69	1.63
3353.00	14.770	50.690	3323.97	-31.68	217.13	240.07	1699033.55	400985.05	39°35'45.6911"N	80°34'4.9744"W	323.70	47.873	3.06	3.03	1.58
3385.00	15.240	51.260	3354.88	-32.05	222.34	246.51	1699039.98	400990.27	39°35'45.7434"N	80°34'4.8929"W	331.97	47.950	1.54	1.47	1.78
3415.00	16.180	51.760	3383.76	-32.33	227.40	252.87	1699046.34	400995.32	39°35'45.7941"N	80°34'4.8125"W	340.08	48.036	3.17	3.13	1.67
3446.00	17.070	52.100	3413.46	-32.57	232.87	259.85	1699053.32	401000.79	39°35'45.8490"N	80°34'4.7241"W	348.93	48.135	2.89	2.87	1.10
3476.00	18.020	51.700	3442.07	-32.82	238.45	266.97	1699060.44	401006.37	39°35'45.9050"N	80°34'4.6341"W	357.95	48.230	3.19	3.17	-1.33
3572.00	19.150	49.850	3533.06	-34.28	257.80	290.66	1699084.13	401025.73	39°35'46.0990"N	80°34'4.3344"W	388.52	48.428	1.33	1.18	-1.93
3667.00	18.830	47.850	3622.89	-36.78	278.14	313.93	1699107.40	401046.06	39°35'46.3028"N	80°34'4.0402"W	419.42	48.459	0.76	-0.34	-2.11
3761.00	19.150	47.270	3711.77	-39.94	298.78	336.50	1699129.97	401066.70	39°35'46.5094"N	80°34'3.7550"W	450.01	48.398	0.40	0.34	-0.62
3855.00	20.210	47.490	3800.28	-43.31	320.22	359.80	1699153.27	401088.14	39°35'46.7240"N	80°34'3.4607"W	481.66	48.331	1.13	1.13	0.23
3950.00	21.100	49.040	3889.18	-46.35	342.51	384.81	1699178.28	401110.43	39°35'46.9473"N	80°34'3.1446"W	515.17	48.328	1.10	0.94	1.63
4043.00	20.760	50.220	3976.04	-48.59	364.03	410.12	1699203.58	401131.95	39°35'47.1629"N	80°34'2.8246"W	548.38	48.407	0.58	-0.37	1.27
4137.00	20.400	52.270	4064.04	-49.89	384.72	435.88	1699229.34	401152.64	39°35'47.3703"N	80°34'2.4987"W	581.38	48.567	0.86	-0.38	2.18
4231.00	20.860	53.630	4152.01	-50.20	404.67	462.31	1699255.77	401172.58	39°35'47.5706"N	80°34'2.1640"W	614.40	48.804	0.71	0.49	1.45
4326.00	19.940	51.720	4241.06	-50.65	424.74	488.65	1699282.11	401192.65	39°35'47.7720"N	80°34'1.8307"W	647.44	49.003	1.20	-0.97	-2.01
4421.00	19.200	52.230	4330.57	-51.50	444.34	513.71	1699307.17	401212.25	39°35'47.9687"N	80°34'1.5135"W	679.22	49.142	0.80	-0.78	0.54
4517.00	18.450	53.690	4421.43	-51.79	463.00	538.43	1699331.89	401230.91	39°35'48.1560"N	80°34'1.2006"W	710.13	49.308	0.92	-0.78	1.52
4613.00	17.710	53.830	4512.69	-51.65	480.62	562.46	1699355.92	401248.53	39°35'48.3329"N	80°34'0.8963"W	739.84	49.487	0.77	-0.77	0.15



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# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## WELLPATH DATA (317 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]
4708.00	17.190	54.730	4603.32	-51.26	497.25	585.59	1699379.04	401265.16	39°35'48.5000"N	80°34'0.6034"W	768.23	49.664	0.62	-0.55	0.95
4803.00	18.130	54.130	4693.84	-50.79	514.02	609.03	1699402.48	401281.93	39°35'48.6685"N	80°34'0.3066"W	796.95	49.836	1.01	0.99	-0.63
4898.00	18.740	53.490	4783.97	-50.63	531.76	633.27	1699426.72	401299.67	39°35'48.8466"N	80°34'0.0000"W	826.92	49.980	0.68	0.64	-0.67
4995.00	20.420	52.280	4875.35	-50.99	551.38	659.18	1699452.63	401319.29	39°35'49.0436"N	80°33'59.6716"W	859.39	50.089	1.78	1.73	-1.25
5090.00	20.890	51.590	4964.25	-51.90	572.05	685.56	1699479.01	401339.95	39°35'49.2509"N	80°33'59.3377"W	892.88	50.158	0.56	0.49	-0.73
5185.00	20.710	50.900	5053.06	-53.22	593.16	711.87	1699505.32	401361.07	39°35'49.4627"N	80°33'59.0049"W	926.61	50.197	0.32	-0.19	-0.73
5280.00	21.060	52.670	5141.82	-54.22	614.11	738.48	1699531.93	401382.01	39°35'49.6728"N	80°33'58.6682"W	960.46	50.254	0.76	0.37	1.86
5375.00	20.250	49.850	5230.71	-55.51	635.06	764.62	1699558.06	401402.96	39°35'49.8829"N	80°33'58.3374"W	993.95	50.289	1.35	-0.85	-2.97
5470.00	19.640	49.660	5320.01	-57.62	655.99	789.36	1699582.80	401423.89	39°35'50.0927"N	80°33'58.0246"W	1026.36	50.272	0.65	-0.64	-0.20
5565.00	19.110	50.590	5409.63	-59.47	676.20	813.54	1699606.98	401444.10	39°35'50.2952"N	80°33'57.7188"W	1057.87	50.267	0.65	-0.56	0.98
5660.00	18.020	51.020	5499.69	-60.89	695.32	836.98	1699630.42	401463.22	39°35'50.4869"N	80°33'57.4223"W	1088.12	50.282	1.16	-1.15	0.45
5754.00	18.540	52.040	5588.94	-61.90	713.66	860.06	1699653.50	401481.55	39°35'50.6708"N	80°33'57.1302"W	1117.59	50.315	0.65	0.55	1.09
5848.00	19.750	53.130	5677.74	-62.38	732.38	884.55	1699677.99	401500.27	39°35'50.8587"N	80°33'56.8202"W	1148.40	50.376	1.34	1.29	1.16
5944.00	19.600	54.550	5768.13	-62.18	751.46	910.67	1699704.10	401519.36	39°35'51.0504"N	80°33'56.4895"W	1180.68	50.471	0.51	-0.13	1.48
6039.00	19.510	54.670	5857.64	-61.56	769.89	936.61	1699730.04	401537.79	39°35'51.2356"N	80°33'56.1610"W	1212.42	50.580	0.13	-0.13	0.13
6132.00	20.840	53.630	5944.93	-61.20	788.68	962.60	1699756.03	401556.58	39°35'51.4243"N	80°33'55.8318"W	1244.43	50.671	1.48	1.43	-1.12
6228.00	20.780	54.100	6034.67	-60.97	808.80	990.14	1699783.57	401576.69	39°35'51.6263"N	80°33'55.4830"W	1278.49	50.756	0.18	-0.06	0.49
6323.00	20.480	51.200	6123.58	-61.46	829.09	1016.75	1699810.17	401596.98	39°35'51.8300"N	80°33'55.1463"W	1311.93	50.805	1.12	-0.32	-3.05
6416.00	20.960	47.770	6210.57	-63.77	850.47	1041.74	1699835.17	401618.36	39°35'52.0442"N	80°33'54.8302"W	1344.81	50.772	1.40	0.52	-3.69
6510.00	20.580	45.870	6298.46	-67.63	873.27	1066.05	1699859.48	401641.16	39°35'52.2724"N	80°33'54.5231"W	1378.07	50.677	0.82	-0.40	-2.02
6600.00	20.620	42.480	6382.71	-72.76	895.97	1088.11	1699881.53	401663.86	39°35'52.4993"N	80°33'54.2448"W	1409.52	50.531	1.33	0.04	-3.77
6695.00	20.520	42.580	6471.65	-79.10	920.57	1110.67	1699904.09	401688.46	39°35'52.7450"N	80°33'53.9603"W	1442.58	50.347	0.11	-0.11	0.11
6790.00	21.360	48.780	6560.39	-83.68	944.24	1134.95	1699928.37	401712.12	39°35'52.9817"N	80°33'53.6537"W	1476.38	50.241	2.49	0.88	6.53
6884.00	20.890	46.780	6648.07	-87.04	966.99	1160.04	1699953.46	401734.87	39°35'53.2096"N	80°33'53.3367"W	1510.22	50.186	0.92	-0.50	-2.13
6980.00	19.030	50.420	6738.31	-89.88	988.69	1184.58	1699978.00	401756.57	39°35'53.4269"N	80°33'53.0265"W	1542.96	50.151	2.33	-1.94	3.79
7072.00	17.720	57.630	6825.63	-89.67	1005.74	1207.97	1700001.39	401773.62	39°35'53.5982"N	80°33'52.7303"W	1571.85	50.220	2.85	-1.42	7.84
7107.00	17.590	58.870	6858.98	-88.79	1011.33	1217.00	1700010.41	401779.21	39°35'53.6544"N	80°33'52.6159"W	1582.36	50.273	1.14	-0.37	3.54
7163.00	18.610	56.860	6912.21	-87.47	1020.59	1231.72	1700025.14	401788.47	39°35'53.7477"N	80°33'52.4292"W	1599.61	50.355	2.14	1.82	-3.59
7258.00	18.590	80.130	7002.37	-79.78	1031.49	1259.37	1700052.79	401799.36	39°35'53.8586"N	80°33'52.0776"W	1627.88	50.681	7.76	-0.02	24.49
7354.00	22.350	102.930	7092.43	-59.01	1030.02	1292.30	1700085.71	401797.90	39°35'53.8480"N	80°33'51.6568"W	1652.57	51.444	9.11	3.92	23.75



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# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## WELLPATH DATA (317 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]
7449.00	26.790	114.250	7178.86	-26.57	1017.17	1329.47	1700122.87	401785.05	39°35'53.7253"N	80°33'51.1801"W	1673.95	52.580	6.79	4.67	11.92
7544.00	35.050	122.040	7260.32	17.59	993.86	1372.20	1700165.61	401761.74	39°35'53.4999"N	80°33'50.6307"W	1694.31	54.085	9.65	8.69	8.20
7639.00	43.260	126.540	7333.94	74.23	959.94	1421.57	1700214.98	401727.82	39°35'53.1705"N	80°33'49.9949"W	1715.33	55.970	9.14	8.64	4.74
7734.00	50.980	132.200	7398.56	141.69	915.69	1475.17	1700268.57	401683.57	39°35'52.7394"N	80°33'49.3036"W	1736.26	58.171	9.22	8.13	5.96
7830.00	58.130	135.500	7454.21	218.74	861.48	1531.45	1700324.85	401629.37	39°35'52.2103"N	80°33'48.5764"W	1757.13	60.641	7.96	7.45	3.44
7924.00	65.810	137.990	7498.35	301.08	801.06	1588.21	1700381.61	401568.95	39°35'51.6199"N	80°33'47.8422"W	1778.80	63.235	8.50	8.17	2.65
8020.00	74.710	142.700	7530.76	391.18	731.52	1645.72	1700439.11	401499.41	39°35'50.9394"N	80°33'47.0972"W	1800.97	66.035	10.35	9.27	4.91
8115.00	80.910	145.180	7550.81	483.98	656.48	1700.33	1700493.71	401424.38	39°35'50.2042"N	80°33'46.3883"W	1822.66	68.889	7.01	6.53	2.61
8209.00	84.670	148.950	7562.61	577.02	578.23	1751.00	1700544.38	401346.14	39°35'49.4368"N	80°33'45.7292"W	1844.01	71.725	5.64	4.00	4.01
8304.00	87.440	149.090	7569.15	671.35	496.99	1799.78	1700593.16	401264.90	39°35'48.6396"N	80°33'45.0938"W	1867.14	74.563	2.92	2.92	0.15
8400.00	89.540	148.320	7571.68	766.91	414.99	1849.63	1700643.00	401182.90	39°35'47.8351"N	80°33'44.4447"W	1895.61	77.354	2.33	2.19	-0.80
8495.00	89.420	146.280	7572.54	861.69	335.05	1900.94	1700694.32	401102.97	39°35'47.0511"N	80°33'43.7771"W	1930.25	80.004	2.15	-0.13	-2.15
8590.00	89.820	146.640	7573.17	956.56	255.87	1953.43	1700746.80	401023.80	39°35'46.2747"N	80°33'43.0947"W	1970.12	82.538	0.57	0.42	0.38
8685.00	89.940	146.660	7573.37	1051.42	176.52	2005.66	1700799.03	400944.44	39°35'45.4966"N	80°33'42.4156"W	2013.41	84.970	0.13	0.13	0.02
8780.00	89.320	145.330	7573.98	1146.32	97.76	2058.79	1700852.15	400865.70	39°35'44.7246"N	80°33'41.7251"W	2061.11	87.281	1.54	-0.65	-1.40
8875.00	88.710	146.260	7575.62	1241.23	19.21	2112.18	1700905.54	400787.15	39°35'43.9545"N	80°33'41.0312"W	2112.27	89.479	1.17	-0.64	0.98
8970.00	89.230	145.390	7577.32	1336.14	-59.37	2165.54	1700958.89	400708.57	39°35'43.1841"N	80°33'40.3378"W	2166.35	91.570	1.07	0.55	-0.92
9065.00	89.010	146.470	7578.78	1431.04	-138.06	2218.75	1701012.10	400629.89	39°35'42.4127"N	80°33'39.6462"W	2223.04	93.560	1.16	-0.23	1.14
9160.00	89.720	149.560	7579.84	1525.72	-218.62	2269.06	1701062.41	400549.34	39°35'41.6225"N	80°33'38.9914"W	2279.57	95.503	3.34	0.75	3.25
9255.00	89.510	149.160	7580.47	1620.22	-300.35	2317.48	1701110.82	400467.61	39°35'40.8204"N	80°33'38.3607"W	2336.86	97.385	0.48	-0.22	-0.42
9350.00	89.750	149.230	7581.09	1714.75	-381.95	2366.13	1701159.47	400386.02	39°35'40.0197"N	80°33'37.7270"W	2396.76	99.170	0.26	0.25	0.07
9445.00	89.140	148.530	7582.01	1809.32	-463.27	2415.22	1701208.56	400304.70	39°35'39.2217"N	80°33'37.0876"W	2459.25	100.858	0.98	-0.64	-0.74
9540.00	89.200	148.840	7583.38	1903.92	-544.42	2464.59	1701257.93	400223.55	39°35'38.4255"N	80°33'36.4448"W	2524.01	102.456	0.33	0.06	0.33
9635.00	89.910	149.110	7584.12	1998.48	-625.83	2513.55	1701306.89	400142.15	39°35'37.6267"N	80°33'35.8071"W	2590.29	103.981	0.80	0.75	0.28
9730.00	89.540	148.570	7584.58	2093.07	-707.12	2562.71	1701356.04	400060.86	39°35'36.8291"N	80°33'35.1670"W	2658.48	105.426	0.69	-0.39	-0.57
9824.00	89.420	148.600	7585.43	2186.69	-787.34	2611.70	1701405.03	399980.65	39°35'36.0420"N	80°33'34.5291"W	2727.80	106.776	0.13	-0.13	0.03
9919.00	89.080	149.200	7586.67	2281.26	-868.68	2660.77	1701454.10	399899.32	39°35'35.2439"N	80°33'33.8901"W	2798.98	108.081	0.73	-0.36	0.63
10014.00	88.920	149.190	7588.33	2375.78	-950.26	2709.41	1701502.74	399817.74	39°35'34.4433"N	80°33'33.2565"W	2871.22	109.327	0.17	-0.17	-0.01
10109.00	89.570	149.810	7589.58	2470.25	-1032.11	2757.62	1701550.95	399735.89	39°35'33.6401"N	80°33'32.6284"W	2944.44	110.520	0.95	0.68	0.65
10204.00	90.310	150.010	7589.68	2564.65	-1114.31	2805.25	1701598.57	399653.70	39°35'32.8333"N	80°33'32.0077"W	3018.46	111.664	0.81	0.78	0.21



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# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## WELLPATH DATA (317 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]
10299.00	89.450	149.210	7589.88	2659.11	-1196.25	2853.31	1701646.63	399571.76	39°35'32.0291"N	80°33'31.3815"W	3093.93	112.746	1.24	-0.91	-0.84
10394.00	89.230	149.450	7590.98	2753.61	-1277.96	2901.77	1701695.08	399490.06	39°35'31.2273"N	80°33'30.7503"W	3170.71	113.769	0.34	-0.23	0.25
10490.00	89.170	149.320	7592.32	2849.09	-1360.57	2950.65	1701743.96	399407.45	39°35'30.4166"N	80°33'30.1135"W	3249.23	114.755	0.15	-0.06	-0.14
10584.00	89.750	149.340	7593.20	2942.60	-1441.42	2998.60	1701791.91	399326.61	39°35'29.6232"N	80°33'29.4889"W	3327.05	115.673	0.62	0.62	0.02
10679.00	89.380	149.740	7593.93	3037.07	-1523.30	3046.76	1701840.06	399244.73	39°35'28.8195"N	80°33'28.8615"W	3406.34	116.564	0.57	-0.39	0.42
10774.00	90.400	150.470	7594.11	3131.43	-1605.66	3094.10	1701887.40	399162.38	39°35'28.0112"N	80°33'28.2443"W	3485.92	117.427	1.32	1.07	0.77
10870.00	89.850	150.440	7593.90	3226.72	-1689.18	3141.44	1701934.74	399078.87	39°35'27.1913"N	80°33'27.6271"W	3566.79	118.267	0.57	-0.57	-0.03
10965.00	90.220	150.700	7593.84	3321.00	-1771.92	3188.12	1701981.42	398996.13	39°35'26.3791"N	80°33'27.0185"W	3647.44	119.065	0.48	0.39	0.27
11060.00	89.820	150.050	7593.81	3415.31	-1854.50	3235.08	1702028.37	398913.56	39°35'25.5684"N	80°33'26.4063"W	3728.93	119.823	0.80	-0.42	-0.68
11155.00	89.230	149.860	7594.59	3509.70	-1936.73	3282.64	1702075.93	398831.33	39°35'24.7613"N	80°33'25.7864"W	3811.39	120.540	0.65	-0.62	-0.20
11250.00	89.140	149.820	7595.95	3604.11	-2018.86	3330.37	1702123.66	398749.20	39°35'23.9552"N	80°33'25.1645"W	3894.50	121.224	0.10	-0.09	-0.04
11345.00	89.170	149.710	7597.35	3698.53	-2100.93	3378.20	1702171.48	398667.14	39°35'23.1497"N	80°33'24.5413"W	3978.21	121.878	0.12	0.03	-0.12
11439.00	90.180	149.660	7597.88	3791.98	-2182.07	3425.65	1702218.93	398586.00	39°35'22.3533"N	80°33'23.9231"W	4061.59	122.496	1.08	1.07	-0.05
11534.00	89.630	149.410	7598.04	3886.45	-2263.96	3473.81	1702267.09	398504.12	39°35'21.5497"N	80°33'23.2956"W	4146.43	123.093	0.64	-0.58	-0.26
11629.00	90.220	149.280	7598.16	3980.96	-2345.68	3522.25	1702315.52	398422.40	39°35'20.7477"N	80°33'22.6647"W	4231.84	123.662	0.64	0.62	-0.14
11724.00	90.030	149.560	7597.95	4075.45	-2427.47	3570.58	1702363.85	398340.62	39°35'19.9450"N	80°33'22.0351"W	4317.60	124.210	0.36	-0.20	0.29
11819.00	89.720	149.520	7598.16	4169.92	-2509.35	3618.74	1702412.01	398258.74	39°35'19.1414"N	80°33'21.4077"W	4403.65	124.739	0.33	-0.33	-0.04
11914.00	87.780	148.310	7600.23	4264.46	-2590.69	3667.77	1702461.04	398177.41	39°35'18.3433"N	80°33'20.7693"W	4490.46	125.235	2.41	-2.04	-1.27
12009.00	89.630	150.270	7602.38	4358.94	-2672.34	3716.27	1702509.53	398095.77	39°35'17.5420"N	80°33'20.1376"W	4577.34	125.720	2.84	1.95	2.06
12103.00	89.540	150.080	7603.06	4452.30	-2753.89	3763.02	1702556.28	398014.22	39°35'16.7415"N	80°33'19.5283"W	4663.07	126.198	0.22	-0.10	-0.20
12199.00	89.660	149.100	7603.73	4547.75	-2836.67	3811.61	1702604.87	397931.44	39°35'15.9290"N	80°33'18.8952"W	4751.33	126.657	1.03	0.12	-1.02
12294.00	89.820	149.210	7604.16	4642.29	-2918.24	3860.32	1702653.57	397849.88	39°35'15.1286"N	80°33'18.2609"W	4839.23	127.088	0.20	0.17	0.12
12389.00	89.230	149.700	7604.95	4736.77	-3000.05	3908.60	1702701.85	397768.07	39°35'14.3257"N	80°33'17.6320"W	4927.21	127.508	0.81	-0.62	0.52
12483.00	90.310	149.850	7605.33	4830.20	-3081.27	3955.92	1702749.16	397686.86	39°35'13.5285"N	80°33'17.0155"W	5014.33	127.915	1.16	1.15	0.16
12674.00	89.510	150.020	7605.63	5020.00	-3246.57	4051.60	1702844.85	397521.57	39°35'11.9060"N	80°33'15.7686"W	5191.89	128.705	0.43	-0.42	0.09
12768.00	89.510	149.070	7606.43	5113.47	-3327.60	4099.25	1702892.49	397440.55	39°35'11.1108"N	80°33'15.1480"W	5279.84	129.068	1.01	0.00	-1.01
12863.00	89.750	149.390	7607.05	5207.99	-3409.22	4147.85	1702941.08	397358.93	39°35'10.3098"N	80°33'14.5151"W	5369.12	129.418	0.42	0.25	0.34
12958.00	89.170	149.530	7607.94	5302.47	-3491.04	4196.12	1702989.35	397277.11	39°35'9.5068"N	80°33'13.8863"W	5458.46	129.759	0.63	-0.61	0.15
13053.00	90.250	149.260	7608.42	5396.96	-3572.80	4244.48	1703037.71	397195.36	39°35'8.7044"N	80°33'13.2564"W	5548.02	130.089	1.17	1.14	-0.28
13148.00	89.750	149.420	7608.42	5491.47	-3654.52	4292.93	1703086.15	397113.64	39°35'7.9024"N	80°33'12.6254"W	5637.80	130.407	0.55	-0.53	0.17



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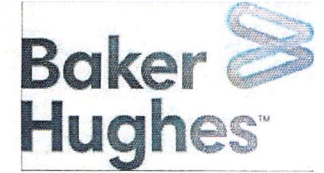
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Environmental Protection

# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## WELLPATH DATA (317 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]
13243.00	88.920	149.520	7609.52	5585.94	-3736.35	4341.18	1703134.41	397031.82	39°35'7.0994"N	80°33'11.9969"W	5727.66	130.718	0.88	-0.87	0.11
13338.00	90.000	149.620	7610.42	5680.40	-3818.25	4389.29	1703182.52	396949.92	39°35'6.2955"N	80°33'11.3701"W	5817.64	131.020	1.14	1.14	0.11
13433.00	89.170	149.050	7611.11	5774.90	-3899.97	4437.74	1703230.96	396868.21	39°35'5.4936"N	80°33'10.7391"W	5907.90	131.310	1.06	-0.87	-0.60
13528.00	89.110	149.370	7612.53	5869.42	-3981.57	4486.37	1703279.58	396786.62	39°35'4.6928"N	80°33'10.1059"W	5998.36	131.588	0.34	-0.06	0.34
13623.00	89.720	148.740	7613.50	5963.97	-4063.04	4535.22	1703328.43	396705.15	39°35'3.8933"N	80°33'9.4699"W	6089.05	131.857	0.92	0.64	-0.66
13718.00	90.090	150.730	7613.66	6058.40	-4145.09	4583.09	1703376.30	396623.11	39°35'3.0880"N	80°33'8.8461"W	6179.52	132.127	2.13	0.39	2.09
13813.00	90.280	148.030	7613.35	6152.89	-4226.83	4631.48	1703424.68	396541.37	39°35'2.2858"N	80°33'8.2160"W	6270.30	132.385	2.85	0.20	-2.84
13907.00	88.340	148.930	7614.49	6246.52	-4306.95	4680.61	1703473.82	396461.25	39°35'1.4997"N	80°33'7.5765"W	6360.66	132.619	2.28	-2.06	0.96
14003.00	89.940	149.730	7615.93	6342.01	-4389.51	4729.57	1703522.78	396378.70	39°35'0.6894"N	80°33'6.9388"W	6452.65	132.864	1.86	1.67	0.83
14098.00	89.750	149.380	7616.18	6436.47	-4471.41	4777.71	1703570.91	396296.80	39°34'59.8856"N	80°33'6.3118"W	6543.70	133.103	0.42	-0.20	-0.37
14193.00	90.860	149.240	7615.68	6530.98	-4553.11	4826.20	1703619.39	396215.11	39°34'59.0839"N	80°33'5.6804"W	6634.98	133.332	1.18	1.17	-0.15
14288.00	88.680	149.130	7616.06	6625.51	-4634.69	4874.86	1703668.05	396133.54	39°34'58.2833"N	80°33'5.0467"W	6726.41	133.553	2.30	-2.29	-0.12
14382.00	90.060	149.060	7617.09	6719.05	-4715.33	4923.14	1703716.32	396052.89	39°34'57.4919"N	80°33'4.4181"W	6817.01	133.765	1.47	1.47	-0.07
14477.00	90.340	149.490	7616.76	6813.56	-4797.00	4971.67	1703764.86	395971.23	39°34'56.6904"N	80°33'3.7861"W	6908.60	133.976	0.54	0.29	0.45
14572.00	88.430	150.000	7617.78	6907.99	-4879.05	5019.53	1703812.72	395889.19	39°34'55.8851"N	80°33'3.1626"W	7000.06	134.187	2.08	-2.01	0.54
14667.00	89.380	149.140	7619.60	7002.43	-4960.95	5067.64	1703860.82	395807.30	39°34'55.0813"N	80°33'2.5360"W	7091.68	134.390	1.35	1.00	-0.91
14762.00	90.030	149.820	7620.09	7096.91	-5042.78	5115.88	1703909.06	395725.47	39°34'54.2781"N	80°33'1.9076"W	7183.45	134.588	0.99	0.68	0.72
14857.00	89.940	149.100	7620.11	7191.40	-5124.60	5164.16	1703957.33	395643.65	39°34'53.4751"N	80°33'1.2789"W	7275.31	134.780	0.76	-0.09	-0.76
14952.00	90.280	149.020	7619.93	7285.95	-5206.09	5213.00	1704006.17	395562.17	39°34'52.6755"N	80°33'0.6430"W	7367.41	134.962	0.37	0.36	-0.08
15048.00	89.600	147.770	7620.03	7381.59	-5287.84	5263.31	1704056.48	395480.42	39°34'51.8733"N	80°32'59.9883"W	7460.81	135.133	1.48	-0.71	-1.30
15143.00	89.720	148.390	7620.59	7476.29	-5368.48	5313.54	1704106.70	395399.79	39°34'51.0823"N	80°32'59.3348"W	7553.42	135.295	0.66	0.13	0.65
15237.00	89.720	148.400	7621.05	7569.94	-5448.53	5362.80	1704155.96	395319.74	39°34'50.2968"N	80°32'58.6938"W	7645.01	135.454	0.01	0.00	0.01
15332.00	90.030	148.480	7621.26	7664.59	-5529.48	5412.52	1704205.68	395238.79	39°34'49.5026"N	80°32'58.0467"W	7737.61	135.612	0.34	0.33	0.08
15427.00	89.600	148.190	7621.57	7759.25	-5610.34	5462.39	1704255.54	395157.94	39°34'48.7092"N	80°32'57.3978"W	7830.30	135.766	0.55	-0.45	-0.31
15521.00	89.630	148.320	7622.20	7852.92	-5690.28	5511.84	1704305.00	395078.01	39°34'47.9250"N	80°32'56.7543"W	7922.10	135.913	0.14	0.03	0.14
15617.00	89.630	148.710	7622.82	7948.55	-5772.14	5561.98	1704355.13	394996.15	39°34'47.1217"N	80°32'56.1018"W	8015.81	136.062	0.41	0.00	0.41
15711.00	89.970	148.300	7623.15	8042.19	-5852.29	5611.09	1704404.24	394916.01	39°34'46.3353"N	80°32'55.4627"W	8107.63	136.205	0.57	0.36	-0.44
15806.00	89.380	148.680	7623.68	8136.82	-5933.28	5660.74	1704453.88	394835.02	39°34'45.5406"N	80°32'54.8166"W	8200.48	136.347	0.74	-0.62	0.40
15902.00	89.780	148.190	7624.39	8232.46	-6015.08	5710.99	1704504.13	394753.23	39°34'44.7381"N	80°32'54.1627"W	8294.37	136.485	0.66	0.42	-0.51
15997.00	89.880	148.430	7624.67	8327.13	-6095.91	5760.90	1704554.03	394672.40	39°34'43.9450"N	80°32'53.5133"W	8387.38	136.618	0.27	0.11	0.25





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# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## WELLPATH DATA (317 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]
16091.00	89.720	148.490	7625.00	8420.77	-6176.03	5810.07	1704603.20	394592.29	39°34'43.1589"N	80°32'52.8735"W	8479.40	136.749	0.18	-0.17	0.06
16187.00	89.080	147.220	7626.00	8516.49	-6257.30	5861.14	1704654.27	394511.02	39°34'42.3616"N	80°32'52.2091"W	8573.61	136.872	1.48	-0.67	-1.32
16282.00	90.180	148.200	7626.62	8611.23	-6337.61	5911.89	1704705.02	394430.72	39°34'41.5738"N	80°32'51.5491"W	8666.93	136.990	1.55	1.16	1.03
16377.00	89.050	149.360	7627.26	8705.82	-6418.84	5961.13	1704754.25	394349.49	39°34'40.7767"N	80°32'50.9083"W	8759.94	137.117	1.70	-1.19	1.22
16472.00	89.480	148.000	7628.47	8800.42	-6499.99	6010.50	1704803.63	394268.34	39°34'39.9804"N	80°32'50.2656"W	8853.03	137.241	1.50	0.45	-1.43
16567.00	89.350	149.420	7629.44	8895.01	-6581.17	6059.84	1704852.96	394187.17	39°34'39.1839"N	80°32'49.6235"W	8946.14	137.362	1.50	-0.14	1.49
16662.00	89.110	147.240	7630.72	8989.66	-6662.01	6109.71	1704902.83	394106.34	39°34'38.3907"N	80°32'48.9746"W	9039.41	137.476	2.31	-0.25	-2.29
16757.00	89.850	149.490	7631.58	9084.31	-6742.88	6159.53	1704952.65	394025.47	39°34'37.5972"N	80°32'48.3264"W	9132.71	137.589	2.49	0.78	2.37
16853.00	89.780	148.710	7631.89	9179.85	-6825.26	6208.83	1705001.94	393943.10	39°34'36.7888"N	80°32'47.6846"W	9226.79	137.708	0.82	-0.07	-0.81
16948.00	89.540	147.850	7632.46	9274.51	-6906.06	6258.78	1705051.89	393862.30	39°34'35.9960"N	80°32'47.0347"W	9320.19	137.815	0.94	-0.25	-0.91
17043.00	90.090	148.390	7632.76	9369.20	-6986.73	6308.95	1705102.06	393781.63	39°34'35.2045"N	80°32'46.3820"W	9413.68	137.918	0.81	0.58	0.57
17137.00	89.420	147.610	7633.17	9462.91	-7066.45	6358.76	1705151.86	393701.92	39°34'34.4225"N	80°32'45.7341"W	9506.24	138.017	1.09	-0.71	-0.83
17232.00	89.750	148.330	7633.85	9557.61	-7146.98	6409.14	1705202.24	393621.39	39°34'33.6324"N	80°32'45.0787"W	9599.82	138.115	0.83	0.35	0.76
17327.00	89.660	148.490	7634.34	9652.26	-7227.91	6458.91	1705252.00	393540.48	39°34'32.8384"N	80°32'44.4312"W	9693.30	138.216	0.19	-0.09	0.17
17423.00	89.690	148.110	7634.89	9747.92	-7309.58	6509.35	1705302.45	393458.81	39°34'32.0370"N	80°32'43.7749"W	9787.83	138.314	0.40	0.03	-0.40
17518.00	89.850	148.200	7635.27	9842.61	-7390.28	6559.48	1705352.57	393378.11	39°34'31.2453"N	80°32'43.1229"W	9881.45	138.408	0.19	0.17	0.09
17613.00	89.480	149.600	7635.82	9937.18	-7471.62	6608.55	1705401.63	393296.77	39°34'30.4471"N	80°32'42.4842"W	9974.87	138.508	1.52	-0.39	1.47
17708.00	89.780	149.320	7636.44	10031.66	-7553.44	6656.82	1705449.90	393214.96	39°34'29.6440"N	80°32'41.8556"W	10068.15	138.610	0.43	0.32	-0.29
17803.00	89.690	149.740	7636.88	10126.13	-7635.32	6704.99	1705498.07	393133.09	39°34'28.8404"N	80°32'41.2283"W	10161.45	138.712	0.45	-0.09	0.44
17993.00	90.060	150.070	7637.29	10314.94	-7799.71	6800.26	1705593.34	392968.71	39°34'27.2268"N	80°32'39.9873"W	10347.90	138.916	0.26	0.19	0.17
18088.00	89.510	149.370	7637.65	10409.38	-7881.75	6848.16	1705641.23	392886.68	39°34'26.4215"N	80°32'39.3635"W	10441.23	139.014	0.94	-0.58	-0.74
18183.00	89.420	149.370	7638.54	10503.88	-7963.49	6896.56	1705689.63	392804.94	39°34'25.6193"N	80°32'38.7333"W	10534.69	139.107	0.09	-0.09	0.00
18374.00	89.820	149.470	7639.80	10693.85	-8127.92	6993.73	1705786.79	392640.52	39°34'24.0054"N	80°32'37.4681"W	10722.65	139.289	0.22	0.21	0.05
18469.00	89.630	149.050	7640.26	10788.37	-8209.57	7042.29	1705835.35	392558.87	39°34'23.2041"N	80°32'36.8360"W	10816.23	139.377	0.49	-0.20	-0.44
18564.00	89.850	149.430	7640.69	10882.89	-8291.20	7090.87	1705883.93	392477.24	39°34'22.4029"N	80°32'36.2035"W	10909.84	139.462	0.46	0.23	0.40
18659.00	89.850	149.630	7640.94	10977.36	-8373.08	7139.05	1705932.10	392395.37	39°34'21.5993"N	80°32'35.5762"W	11003.39	139.548	0.21	0.00	0.21
18754.00	89.780	149.750	7641.24	11071.80	-8455.10	7186.99	1705980.04	392313.36	39°34'20.7943"N	80°32'34.9518"W	11096.91	139.635	0.15	-0.07	0.13
18848.00	89.570	149.240	7641.78	11165.29	-8536.08	7234.71	1706027.75	392232.38	39°34'19.9994"N	80°32'34.3305"W	11189.54	139.717	0.59	-0.22	-0.54
18943.00	90.250	150.250	7641.93	11259.72	-8618.14	7282.57	1706075.62	392150.32	39°34'19.1939"N	80°32'33.7072"W	11283.09	139.801	1.28	0.72	1.06
19038.00	89.720	149.450	7641.95	11354.13	-8700.29	7330.29	1706123.33	392068.18	39°34'18.3876"N	80°32'33.0857"W	11376.65	139.885	1.01	-0.56	-0.84

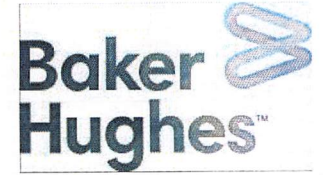


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# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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WV Department of  
Environmental Protection

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## WELLPATH DATA (317 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]
19134.00	90.770	149.380	7641.54	11449.62	-8782.93	7379.13	1706172.17	391985.54	39°34'17.5764"N	80°32'32.4498"W	11471.33	139.964	1.10	1.09	-0.07
19229.00	89.970	150.670	7640.93	11544.00	-8865.22	7426.59	1706219.63	391903.26	39°34'16.7687"N	80°32'31.8316"W	11564.88	140.046	1.60	-0.84	1.36
19324.00	90.580	149.260	7640.47	11638.39	-8947.46	7474.14	1706267.17	391821.03	39°34'15.9614"N	80°32'31.2122"W	11658.47	140.127	1.62	0.64	-1.48
19419.00	89.570	150.050	7640.35	11732.84	-9029.44	7522.13	1706315.16	391739.05	39°34'15.1567"N	80°32'30.5873"W	11752.16	140.203	1.35	-1.06	0.83
19514.00	89.540	149.620	7641.09	11827.25	-9111.58	7569.87	1706362.90	391656.92	39°34'14.3505"N	80°32'29.9656"W	11845.83	140.280	0.45	-0.03	-0.45
19609.00	89.690	149.510	7641.72	11921.71	-9193.48	7617.99	1706411.02	391575.02	39°34'13.5465"N	80°32'29.3390"W	11939.60	140.354	0.20	0.16	-0.12
19704.00	89.720	149.730	7642.21	12016.17	-9275.44	7666.04	1706459.06	391493.07	39°34'12.7421"N	80°32'28.7134"W	12033.36	140.427	0.23	0.03	0.23
19799.00	89.780	149.530	7642.63	12110.62	-9357.40	7714.07	1706507.08	391411.11	39°34'11.9376"N	80°32'28.0880"W	12127.15	140.498	0.22	0.06	-0.21
19894.00	89.820	149.450	7642.96	12205.10	-9439.25	7762.30	1706555.31	391329.27	39°34'11.1343"N	80°32'27.4601"W	12220.99	140.568	0.09	0.04	-0.08
19989.00	89.850	149.770	7643.23	12299.56	-9521.19	7810.35	1706603.37	391247.33	39°34'10.3299"N	80°32'26.8343"W	12314.82	140.638	0.34	0.03	0.34
20084.00	89.720	149.970	7643.59	12393.97	-9603.36	7858.04	1706651.05	391165.17	39°34'9.5234"N	80°32'26.2133"W	12408.60	140.708	0.25	-0.14	0.21
20180.00	89.540	149.320	7644.21	12489.42	-9686.20	7906.55	1706699.56	391082.34	39°34'8.7103"N	80°32'25.5816"W	12503.44	140.776	0.70	-0.19	-0.68
20275.00	90.030	150.100	7644.57	12583.86	-9768.22	7954.47	1706747.47	391000.31	39°34'7.9051"N	80°32'24.9576"W	12597.29	140.843	0.97	0.52	0.82
20370.00	89.750	149.350	7644.75	12678.29	-9850.27	8002.36	1706795.36	390918.27	39°34'7.0998"N	80°32'24.3340"W	12691.16	140.910	0.84	-0.29	-0.79
20465.00	89.660	149.000	7645.24	12772.82	-9931.85	8051.04	1706844.04	390836.70	39°34'6.2992"N	80°32'23.7004"W	12785.18	140.971	0.38	-0.09	-0.37
20560.00	89.600	149.280	7645.85	12867.36	-10013.39	8099.77	1706892.76	390755.16	39°34'5.4988"N	80°32'23.0661"W	12879.22	141.031	0.30	-0.06	0.29
20655.00	89.820	150.130	7646.33	12961.80	-10095.42	8147.69	1706940.68	390673.14	39°34'4.6937"N	80°32'22.4421"W	12973.14	141.094	0.92	0.23	0.89
20750.00	90.370	150.470	7646.17	13056.13	-10177.94	8194.76	1706987.75	390590.62	39°34'3.8836"N	80°32'21.8289"W	13066.92	141.161	0.68	0.58	0.36
20845.00	89.780	149.410	7646.05	13150.53	-10260.16	8242.34	1707035.33	390508.41	39°34'3.0765"N	80°32'21.2092"W	13160.82	141.224	1.28	-0.62	-1.12
20940.00	89.660	149.510	7646.51	13245.01	-10341.98	8290.62	1707083.60	390426.59	39°34'2.2734"N	80°32'20.5808"W	13254.84	141.283	0.16	-0.13	0.11
21035.00	89.780	148.300	7646.98	13339.58	-10423.33	8339.68	1707132.66	390345.25	39°34'1.4751"N	80°32'19.9423"W	13349.01	141.337	1.28	0.13	-1.27
21130.00	89.910	148.770	7647.24	13434.21	-10504.36	8389.27	1707182.24	390264.22	39°34'0.6800"N	80°32'19.2972"W	13443.26	141.388	0.51	0.14	0.49
21225.00	90.680	149.200	7646.75	13528.77	-10585.77	8438.22	1707231.19	390182.81	39°33'59.8809"N	80°32'18.6602"W	13537.43	141.441	0.93	0.81	0.45
21320.00	89.910	148.840	7646.26	13623.33	-10667.22	8487.11	1707280.09	390101.37	39°33'59.0816"N	80°32'18.0238"W	13631.61	141.493	0.89	-0.81	-0.38
21415.00	90.400	149.180	7646.00	13717.89	-10748.66	8536.03	1707329.00	390019.94	39°33'58.2824"N	80°32'17.3873"W	13725.80	141.545	0.63	0.52	0.36
21510.00	90.180	148.900	7645.52	13812.44	-10830.12	8584.90	1707377.87	389938.48	39°33'57.4829"N	80°32'16.7513"W	13819.99	141.597	0.37	-0.23	-0.29
21605.00	89.720	149.050	7645.60	13907.01	-10911.53	8633.86	1707426.83	389857.07	39°33'56.6840"N	80°32'16.1141"W	13914.21	141.647	0.51	-0.48	0.16
21700.00	89.750	148.810	7646.04	14001.58	-10992.90	8682.89	1707475.85	389775.71	39°33'55.8854"N	80°32'15.4761"W	14008.44	141.696	0.25	0.03	-0.25
21795.00	89.450	148.310	7646.70	14096.20	-11073.95	8732.44	1707525.40	389694.66	39°33'55.0901"N	80°32'14.8315"W	14102.76	141.742	0.61	-0.32	-0.53
21890.00	89.600	148.540	7647.49	14190.85	-11154.89	8782.18	1707575.14	389613.74	39°33'54.2959"N	80°32'14.1845"W	14197.12	141.787	0.29	0.16	0.24



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# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## WELLPATH DATA (317 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]
21985.00	90.280	148.790	7647.59	14285.46	-11236.03	8831.59	1707624.54	389532.60	39°33'53.4997"N	80°32'13.5418"W	14291.44	141.832	0.76	0.72	0.26
22079.00	90.120	148.890	7647.26	14379.05	-11316.47	8880.23	1707673.17	389452.17	39°33'52.7103"N	80°32'12.9089"W	14384.74	141.878	0.20	-0.17	0.11
22174.00	90.060	148.720	7647.11	14473.64	-11397.73	8929.43	1707722.38	389370.91	39°33'51.9128"N	80°32'12.2687"W	14479.05	141.923	0.19	-0.06	-0.18
22269.00	89.380	148.770	7647.58	14568.24	-11478.94	8978.72	1707771.66	389289.70	39°33'51.1158"N	80°32'11.6274"W	14573.38	141.968	0.72	-0.72	0.05
22364.00	90.550	148.660	7647.64	14662.84	-11560.13	9028.05	1707820.99	389208.52	39°33'50.3191"N	80°32'10.9856"W	14667.73	142.011	1.24	1.23	-0.12
22459.00	90.280	148.420	7646.95	14757.47	-11641.16	9077.63	1707870.57	389127.49	39°33'49.5240"N	80°32'10.3407"W	14762.11	142.053	0.38	-0.28	-0.25
22554.00	90.430	149.000	7646.36	14852.08	-11722.34	9126.97	1707919.90	389046.32	39°33'48.7273"N	80°32'9.6988"W	14856.47	142.096	0.63	0.16	0.61
22649.00	90.250	148.630	7645.80	14946.66	-11803.61	9176.16	1707969.09	388965.05	39°33'47.9298"N	80°32'9.0588"W	14950.82	142.138	0.43	-0.19	-0.39
22841.00	90.370	149.770	7644.76	15137.71	-11968.53	9274.47	1708067.39	388800.15	39°33'46.3112"N	80°32'7.7793"W	15141.38	142.228	0.60	0.06	0.59
22937.00	90.430	149.740	7644.09	15233.13	-12051.46	9322.82	1708115.74	388717.22	39°33'45.4971"N	80°32'7.1498"W	15236.56	142.275	0.07	0.06	-0.03
23032.00	90.250	149.530	7643.52	15327.58	-12133.42	9370.85	1708163.76	388635.26	39°33'44.6926"N	80°32'6.5246"W	15330.78	142.320	0.29	-0.19	-0.22
23127.00	90.250	147.840	7643.11	15422.19	-12214.58	9420.22	1708213.13	388554.11	39°33'43.8961"N	80°32'5.8823"W	15425.19	142.360	1.78	0.00	-1.78
23318.00	90.370	148.680	7642.08	15612.52	-12377.01	9520.70	1708313.60	388391.69	39°33'42.3023"N	80°32'4.5756"W	15615.19	142.432	0.44	0.06	0.44
23413.00	90.180	148.670	7641.62	15707.13	-12458.16	9570.09	1708362.99	388310.54	39°33'41.5060"N	80°32'3.9331"W	15709.62	142.469	0.20	-0.20	-0.01
23508.00	91.050	147.420	7640.60	15801.82	-12538.76	9620.36	1708413.26	388229.95	39°33'40.7152"N	80°32'3.2794"W	15804.17	142.503	1.60	0.92	-1.32
23603.00	91.020	149.270	7638.88	15896.46	-12619.61	9670.21	1708463.11	388149.10	39°33'39.9219"N	80°32'2.6311"W	15898.66	142.538	1.95	-0.03	1.95
23698.00	90.220	148.880	7637.86	15991.01	-12701.10	9719.02	1708511.92	388067.62	39°33'39.1221"N	80°32'1.9959"W	15993.04	142.576	0.94	-0.84	-0.41
23793.00	90.340	148.520	7637.39	16085.61	-12782.27	9768.38	1708561.27	387986.45	39°33'38.3255"N	80°32'1.3539"W	16087.50	142.612	0.40	0.13	-0.38
23887.00	90.250	148.720	7636.91	16179.23	-12862.52	9817.32	1708610.21	387906.21	39°33'37.5380"N	80°32'0.7172"W	16180.98	142.647	0.23	-0.10	0.21
23982.00	90.060	148.180	7636.65	16273.88	-12943.48	9867.03	1708659.92	387825.25	39°33'36.7436"N	80°32'0.0707"W	16275.50	142.681	0.60	-0.20	-0.57
24077.00	90.120	148.030	7636.50	16368.57	-13024.13	9917.23	1708710.11	387744.60	39°33'35.9522"N	80°31'59.4180"W	16370.08	142.713	0.17	0.06	-0.16
24267.00	90.180	148.360	7636.00	16557.93	-13185.60	10017.36	1708810.24	387583.14	39°33'34.3678"N	80°31'58.1159"W	16559.22	142.775	0.18	0.03	0.17
24362.00	90.120	148.260	7635.75	16652.59	-13266.44	10067.27	1708860.14	387502.31	39°33'33.5746"N	80°31'57.4669"W	16653.78	142.807	0.12	-0.06	-0.11
24457.00	90.340	146.930	7635.37	16747.35	-13346.64	10118.18	1708911.05	387422.11	39°33'32.7878"N	80°31'56.8052"W	16748.44	142.834	1.42	0.23	-1.40
24552.00	90.520	148.010	7634.66	16842.11	-13426.73	10169.26	1708962.13	387342.03	39°33'32.0021"N	80°31'56.1413"W	16843.13	142.860	1.15	0.19	1.14
24646.00	90.520	149.200	7633.81	16935.73	-13506.97	10218.22	1709011.09	387261.80	39°33'31.2147"N	80°31'55.5044"W	16936.66	142.892	1.27	0.00	1.27
24741.00	90.370	150.230	7633.07	17030.17	-13589.00	10266.13	1709058.99	387179.77	39°33'30.4095"N	80°31'54.8807"W	17030.98	142.930	1.10	-0.16	1.08
24837.00	90.060	148.850	7632.71	17125.63	-13671.75	10314.80	1709107.66	387097.03	39°33'29.5972"N	80°31'54.2473"W	17126.34	142.967	1.47	-0.32	-1.44
24932.00	90.310	148.910	7632.40	17220.21	-13753.07	10363.89	1709156.75	387015.71	39°33'28.7991"N	80°31'53.6086"W	17220.84	142.999	0.27	0.26	0.06
25027.00	90.400	148.730	7631.81	17314.80	-13834.35	10413.08	1709205.93	386934.44	39°33'28.0014"N	80°31'52.9688"W	17315.35	143.031	0.21	0.09	-0.19



# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

WELLPATH DATA (317 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]
25122.00	90.770	148.450	7630.84	17409.42	-13915.42	10462.58	1709255.44	386853.37	39°33'27.2058"N	80°31'52.3249"W	17409.90	143.062	0.49	0.39	-0.29
25217.00	90.830	149.220	7629.52	17503.99	-13996.71	10511.74	1709304.59	386772.09	39°33'26.4081"N	80°31'51.6854"W	17504.41	143.093	0.81	0.06	0.31
25312.00	90.340	150.130	7628.55	17598.43	-14078.70	10559.71	1709352.55	386690.10	39°33'25.6032"N	80°31'51.0610"W	17598.78	143.128	1.09	-0.52	0.96
25408.00	90.310	149.140	7628.00	17693.88	-14161.53	10608.23	1709401.07	386607.28	39°33'24.7902"N	80°31'50.4294"W	17694.17	143.164	1.03	-0.03	-1.03
25502.00	90.280	149.140	7627.52	17787.42	-14242.22	10656.45	1709449.29	386526.59	39°33'23.9982"N	80°31'49.8020"W	17787.66	143.195	0.03	-0.03	0.00
25597.00	90.460	149.300	7626.91	17881.94	-14323.84	10705.06	1709497.90	386444.98	39°33'23.1971"N	80°31'49.1695"W	17882.13	143.227	0.25	0.19	0.17
25692.00	90.680	149.170	7625.96	17976.46	-14405.46	10753.65	1709546.49	386363.36	39°33'22.3960"N	80°31'48.5372"W	17976.61	143.259	0.27	0.23	-0.14
25787.00	90.650	149.440	7624.86	18070.97	-14487.15	10802.15	1709594.98	386281.68	39°33'21.5942"N	80°31'47.9062"W	18071.08	143.290	0.29	-0.03	0.28
25883.00	91.200	149.770	7623.31	18166.41	-14569.94	10850.71	1709643.54	386198.89	39°33'20.7815"N	80°31'47.2741"W	18166.49	143.324	0.67	0.57	0.34
25978.00	91.110	148.850	7621.39	18260.90	-14651.62	10899.19	1709692.01	386117.22	39°33'19.9798"N	80°31'46.6433"W	18260.95	143.355	0.97	-0.09	-0.97
26073.00	90.980	148.890	7619.66	18355.46	-14732.93	10948.29	1709741.11	386035.91	39°33'19.1818"N	80°31'46.0045"W	18355.50	143.383	0.14	-0.14	0.04
26168.00	90.340	147.840	7618.57	18450.11	-14813.80	10998.12	1709790.94	385955.04	39°33'18.3882"N	80°31'45.3566"W	18450.13	143.409	1.29	-0.67	-1.11
26263.00	90.800	147.720	7617.62	18544.84	-14894.17	11048.77	1709841.58	385874.68	39°33'17.5997"N	80°31'44.6983"W	18544.85	143.431	0.50	0.48	-0.13
26358.00	90.710	148.660	7616.37	18639.51	-14974.89	11098.84	1709891.65	385793.96	39°33'16.8076"N	80°31'44.0473"W	18639.52	143.456	0.99	-0.09	0.99
26453.00	91.570	148.600	7614.48	18734.11	-15055.99	11148.28	1709941.09	385712.87	39°33'16.0118"N	80°31'43.4042"W	18734.11	143.482	0.91	0.91	-0.06
26484.00	90.710	148.120	7613.86	18764.99	-15082.38	11164.54	1709957.35	385686.49	39°33'15.7528"N	80°31'43.1928"W	18764.99	143.490	3.18	-2.77	-1.55
26509.00†	90.710	148.120	7613.55	18789.91	-15103.60	11177.74	1709970.55	385665.26	39°33'15.5446"N	80°31'43.0212"W	18789.91	143.496	0.00	0.00	0.00

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WV Department of  
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# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## HOLE & CASING SECTIONS - Ref Wellbore: BIG 245 112H AWB Ref Wellpath: BIG 245 112H AWP Proj: 26509'

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	28.00	1261.00	1233.00	28.00	1260.99	0.00	0.00	2.65	-2.99
13.375in Casing Surface	28.00	1231.00	1203.00	28.00	1230.99	0.00	0.00	2.62	-3.04
12.25in Open Hole	1261.00	2699.00	1438.00	1260.99	2685.06	2.65	-2.99	129.30	135.65
9.625in Casing Intermediate	28.00	2669.00	2641.00	28.00	2655.46	0.00	0.00	125.68	132.43
8.75in Open Hole	2699.00	7184.00	4485.00	2685.06	6932.12	129.30	135.65	1023.98	1237.45
8.5in Open Hole	7184.00	26509.00	19325.00	6932.12	7613.55	1023.98	1237.45	-15103.60	11177.74
5.5in Casing Production	28.00	26479.00	26451.00	28.00	7613.93	0.00	0.00	-15078.13	11161.90

## TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BIG 245 112H LP Rev-1	7567.99	571.67	1759.34	1700552.72	401339.58	39°35'49.3730"N	80°33'45.6217"W	point
BIG 245 112H BHL Rev-1	7687.90	-15104.07	11178.79	1709971.59	385664.79	39°33'15.5400"N	80°31'43.0078"W	point
BIG 245 Hardline 6	9000.00	-15207.13	11007.27	1709800.08	385561.74	39°33'14.5021"N	80°31'45.1823"W	rectangle
	2D Rectangle 700 x 2.							
BIG 245 Temp 1 Rev-2	9000.00	-9104.28	7028.90	1705821.97	391664.22	39°34'14.3606"N	80°32'36.8742"W	polygon
	2D Polygon: dimensions not calculated							

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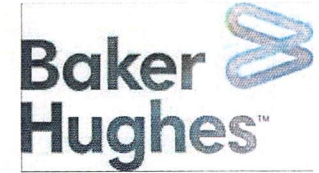
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# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

WELLPATH COMPOSITION - Ref Wellbore: BIG 245 112H AWB Ref Wellpath: BIG 245 112H AWP Proj: 26509'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
28.00	1165.00	Gyrodatta 2015 - CT+WIR+ALC	01 <17.5">Gyrodatta [CT+WIR+ALC] (115'-1165')	BIG 245 112H AWB	6/1/2022
1165.00	2582.00	Gyrodatta 2015 - CT+WIR+ALC	02 <12.25">Gyrodatta [CT+WIR+ALC] (1165')(1215'- 2582')	BIG 245 112H AWB	6/1/2022
2582.00	7107.00	OWSG MWD rev2 - Standard	03 <8.75"> OWSG MWD REV.2 [STANDARD] (2582')(2720'-7107')	BIG 245 112H AWB	6/1/2022
7107.00	26509.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	04 <8.5">OWSG MWD REV.2 [IFR1+MSA] (7107')(7163'-26484')	BIG 245 112H AWB	6/1/2022

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# Actual Wellpath Report

BIG 245 112H AWP Proj: 26509'  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 112H (L-004462)
Field	Wetzel	API	47-103-03445-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 112H AWB
Slot	Slot #112		

## COMMENTS

### Wellpath general comments

API: 47103034450000

BH Job #: 111368350

Rig: Patterson 292

Duration: 7/3/2022 - 7/10/2022

01\_<17.5">Gyrodata [CT+WIR+ALC] (115'-1165')

02\_<12.25">Gyrodata [CT+WIR+ALC] (1165')(1215'- 2582')

03\_<8.75"> OWSG MWD REV.2 [STANDARD] (2582')(2720'-7107')

04\_<8.5">OWSG MWD REV.2 [IFR1+MSA] (7107')(7163'-26484')

KOP = 1265' MD / 1264.99' TVD

Tie on to SDI MWD = 7107' MD / 6858.98' TVD

Marcellus

Landing Point = 8304' MD / 7569.15' TVD

Deepest Point of Well = 22364' MD / 7647.64' TVD

Final Survey = 26484' MD / 7613.86' TVD

Projection to TD = 26509' MD / 7613.55' TVD

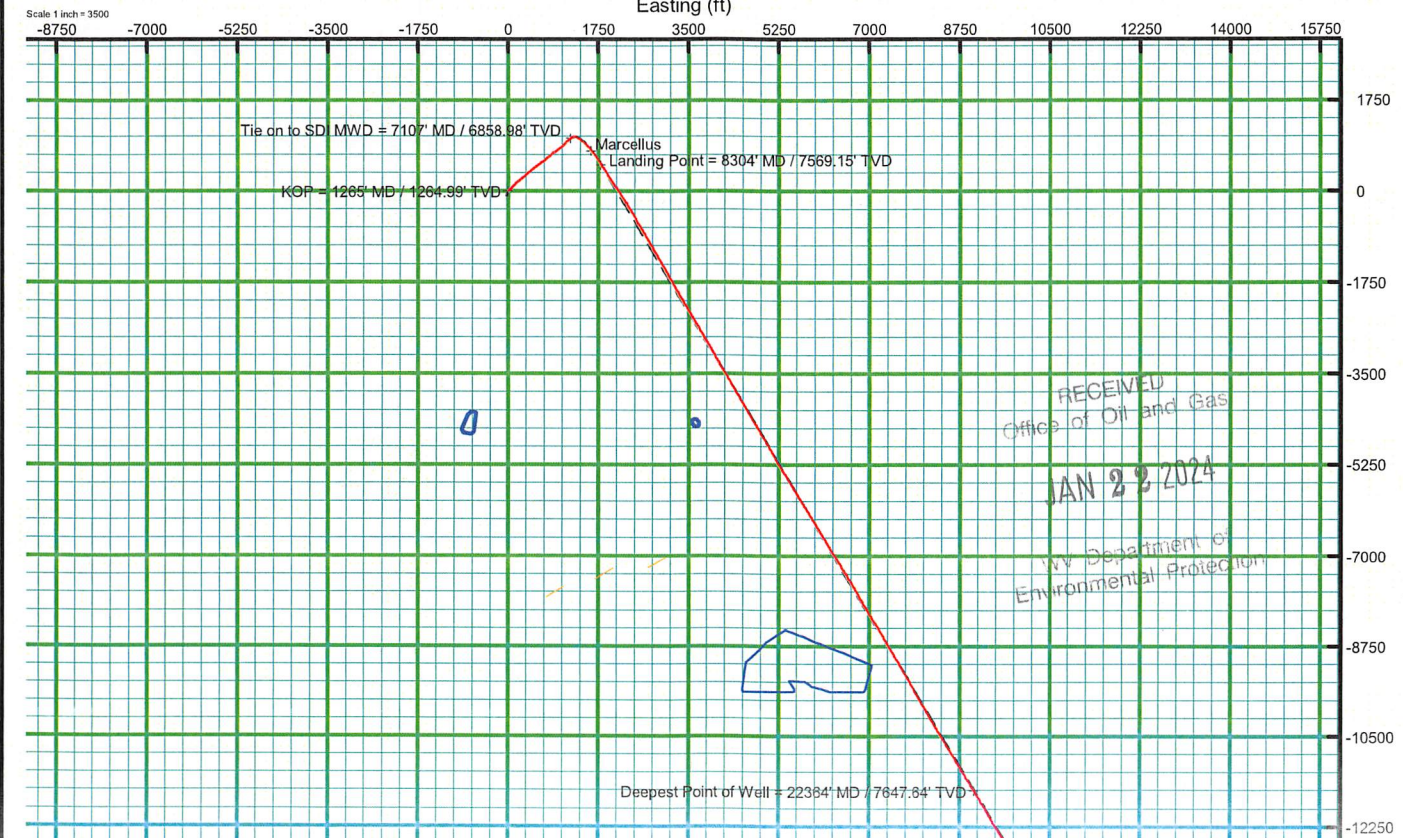
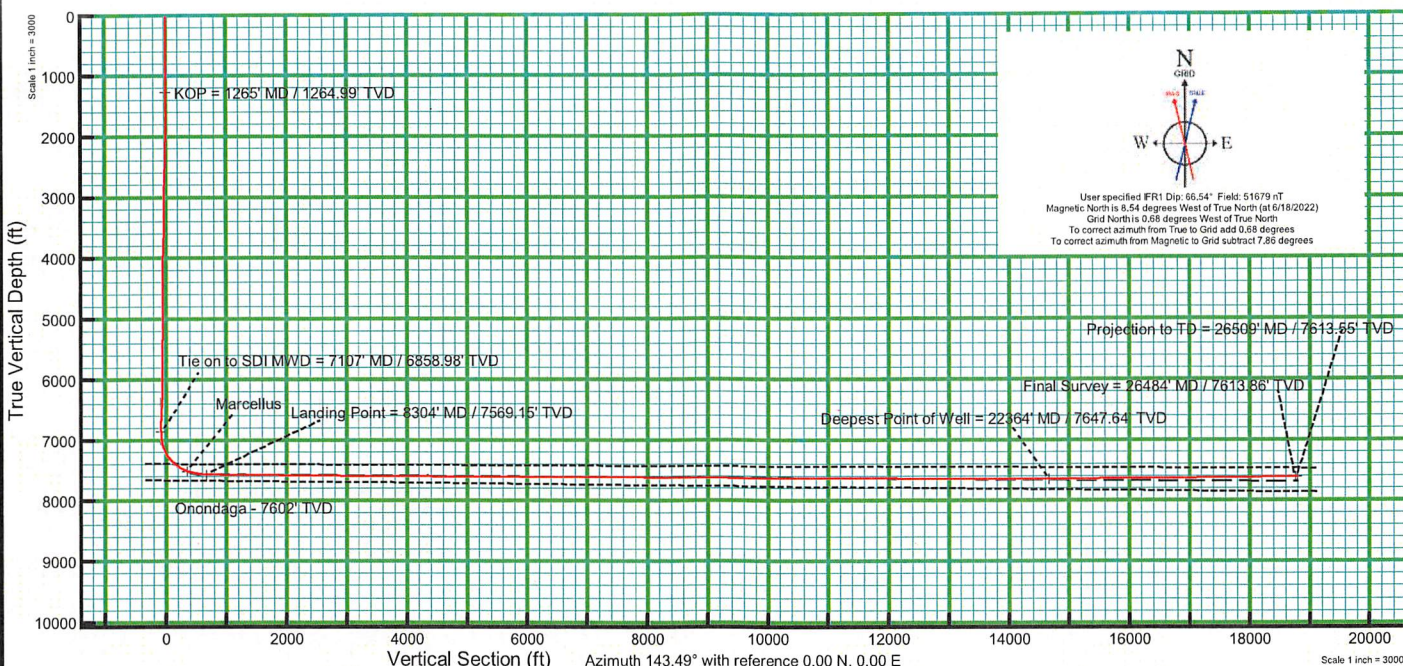
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KB Elevation=1458 FT  
 Ground Elevation=1430 FT  
 All Survey Measurements were taken from KB Elevation



Surface Location									
Grid East (US ft)		Grid North (US ft)		Latitude		Longitude			
1898793.49		400767.94		39.5954214		-80.5688911			
KOP									
MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
1265	0.16	69.79	1264.99	2.66	-2.98	1698790.51	400770.6	39.5954286	-80.5689018
Landing Point									
MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
8304	87.44	149.09	7569.15	496.99	1799.78	1700593.16	401264.9	39.5968443	-80.5625261
Bottom Hole Location									
MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
26509	0050.710	148.12	7613.55	-15103.80	11177.74	1709970.55	395685.28	39.5543179	-80.528617

03/01/2024