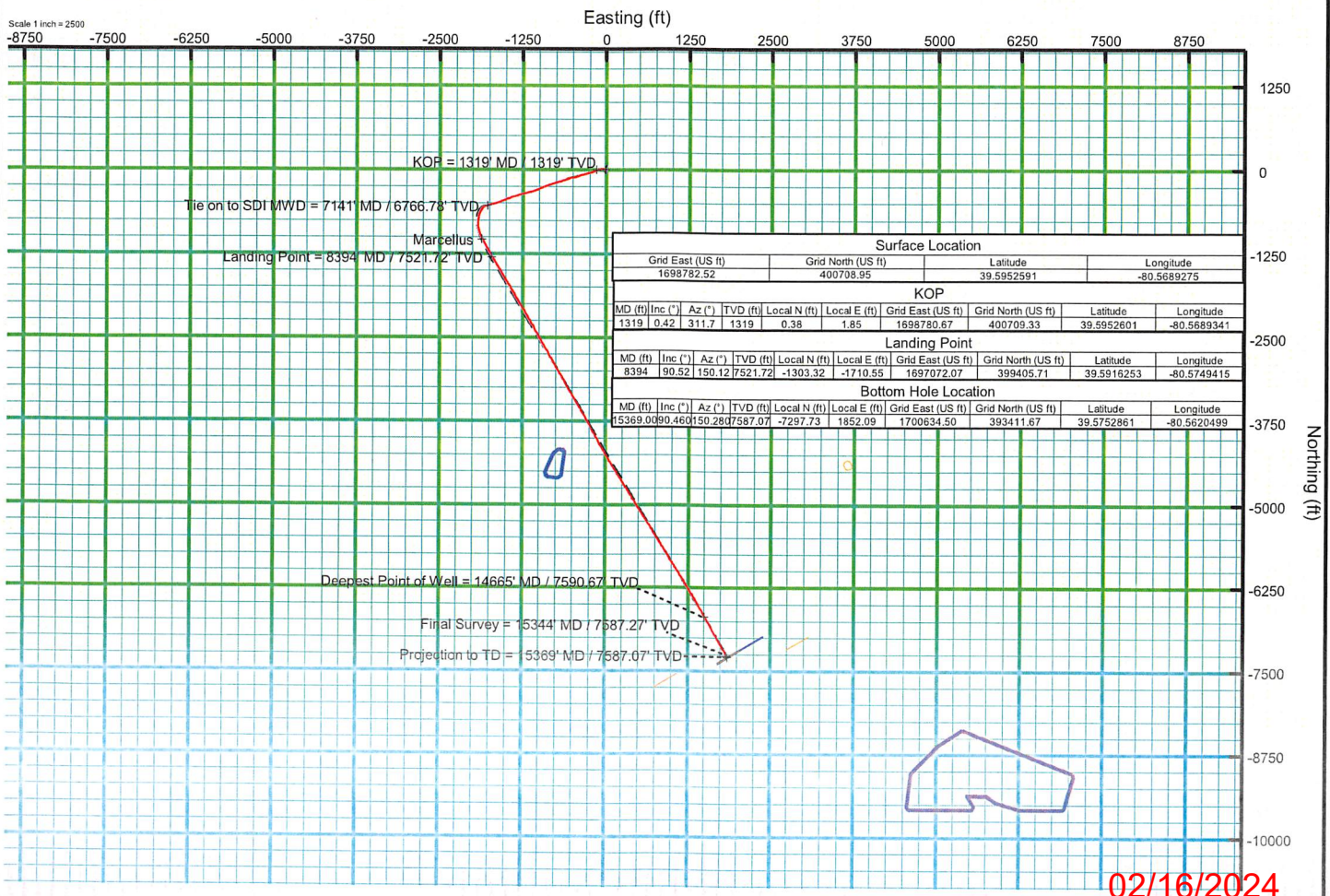
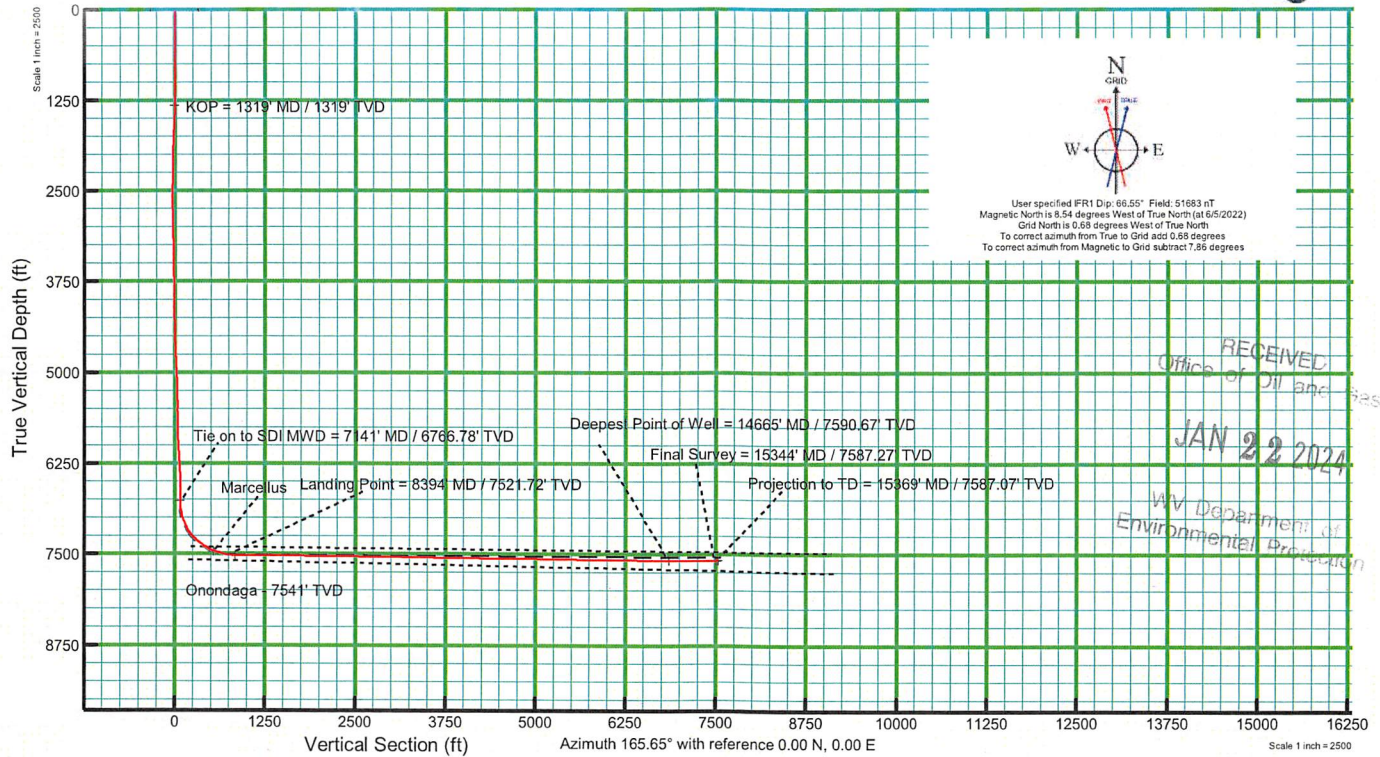




KB Elevation=1458 FT  
 Ground Elevation=1430 FT  
 All Survey Measurements were taken from KB Elevation

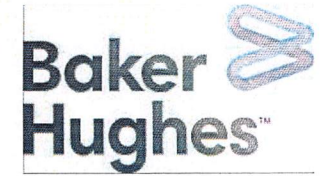




# Actual Wellpath Report

BIG 245 104H AWP Proj: 15369'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 104H (L-002965)
Field	Wetzel	API	47-103-0441-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 104H AWB
Slot	Slot #104		

## 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	6/28/2022 at 1:09:11 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	-14.71	-2.76	1698782.52	400708.95	39°35'42.9328"N	80°34'8.1391"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 #104)	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	165.65°

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Environmental Protection

JAN 22 2024

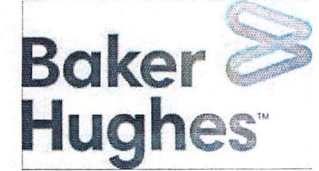
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# Actual Wellpath Report

BIG 245 104H AWP Proj: 15369'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	BIG 245 104H (L-002965)
Field	Wetzel	API	47-103-0441-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 104H AWB
Slot	Slot #104		

**WELLPATH DATA (200 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	262.110	0.00	0.00	0.00	0.00	1698782.52	400708.95	39°35'42.9328"N	80°34'8.1391"W	0.00	0.000	0.00	0.00	0.00
28.00	0.000	262.110	28.00	0.00	0.00	0.00	1698782.52	400708.95	39°35'42.9328"N	80°34'8.1391"W	0.00	0.000	0.00	0.00	0.00
115.00	0.060	262.110	115.00	-0.01	-0.01	-0.05	1698782.47	400708.94	39°35'42.9328"N	80°34'8.1397"W	0.05	262.110	0.07	0.07	0.00
215.00	0.070	237.580	215.00	0.01	-0.05	-0.15	1698782.37	400708.90	39°35'42.9324"N	80°34'8.1410"W	0.16	252.728	0.03	0.01	-24.53
315.00	0.050	299.470	315.00	0.00	-0.06	-0.24	1698782.28	400708.89	39°35'42.9322"N	80°34'8.1421"W	0.24	256.429	0.06	-0.02	61.89
415.00	0.080	291.160	415.00	-0.07	-0.01	-0.34	1698782.18	400708.94	39°35'42.9327"N	80°34'8.1434"W	0.34	268.186	0.03	0.03	-3.31
515.00	0.050	252.230	515.00	-0.11	0.00	-0.45	1698782.07	400708.95	39°35'42.9328"N	80°34'8.1448"W	0.45	270.138	0.05	-0.03	-38.93
615.00	0.050	284.440	615.00	-0.13	0.00	-0.53	1698781.99	400708.95	39°35'42.9328"N	80°34'8.1459"W	0.53	269.854	0.03	0.00	32.21
715.00	0.080	247.120	715.00	-0.14	-0.02	-0.64	1698781.88	400708.93	39°35'42.9326"N	80°34'8.1472"W	0.64	268.418	0.05	0.03	-37.32
815.00	0.080	225.650	815.00	-0.10	-0.09	-0.75	1698781.77	400708.86	39°35'42.9318"N	80°34'8.1487"W	0.76	262.912	0.03	0.00	-21.47
915.00	0.160	317.090	915.00	-0.18	-0.04	-0.90	1698781.62	400708.91	39°35'42.9323"N	80°34'8.1505"W	0.90	267.441	0.18	0.08	91.44
1015.00	0.140	247.280	1015.00	-0.29	0.01	-1.11	1698781.41	400708.96	39°35'42.9329"N	80°34'8.1532"W	1.11	270.776	0.17	-0.02	-69.81
1115.00	0.080	255.350	1115.00	-0.27	-0.05	-1.29	1698781.23	400708.90	39°35'42.9322"N	80°34'8.1555"W	1.29	267.778	0.06	-0.06	8.07
1211.00	0.290	263.870	1211.00	-0.30	-0.09	-1.59	1698780.93	400708.86	39°35'42.9317"N	80°34'8.1594"W	1.59	266.665	0.22	0.22	8.88
1287.00	0.440	2.950	1287.00	-0.61	0.18	-1.77	1698780.75	400709.13	39°35'42.9344"N	80°34'8.1617"W	1.78	275.753	0.74	0.20	130.37
1319.00	0.420	311.700	1319.00	-0.83	0.38	-1.85	1698780.67	400709.33	39°35'42.9364"N	80°34'8.1628"W	1.89	281.578	1.16	-0.06	-160.16
1351.00	0.650	316.720	1351.00	-1.08	0.59	-2.06	1698780.46	400709.54	39°35'42.9384"N	80°34'8.1655"W	2.14	285.947	0.73	0.72	15.69
1383.00	1.240	305.000	1382.99	-1.50	0.92	-2.47	1698780.05	400709.87	39°35'42.9416"N	80°34'8.1708"W	2.64	290.429	1.93	1.84	-36.62
1414.00	2.060	300.260	1413.98	-2.15	1.39	-3.23	1698779.29	400710.34	39°35'42.9462"N	80°34'8.1805"W	3.51	293.358	2.68	2.65	-15.29
1446.00	2.590	298.310	1445.95	-3.04	2.03	-4.36	1698778.16	400710.98	39°35'42.9523"N	80°34'8.1951"W	4.81	294.926	1.67	1.66	-6.09
1478.00	3.400	293.770	1477.91	-4.12	2.75	-5.86	1698776.66	400711.70	39°35'42.9593"N	80°34'8.2144"W	6.48	295.134	2.64	2.53	-14.19
1509.00	4.060	294.430	1508.84	-5.37	3.58	-7.70	1698774.82	400712.53	39°35'42.9673"N	80°34'8.2380"W	8.49	294.895	2.13	2.13	2.13
1541.00	4.550	285.570	1540.75	-6.72	4.38	-9.96	1698772.56	400713.33	39°35'42.9750"N	80°34'8.2669"W	10.88	293.764	2.58	1.53	-27.69
1573.00	5.200	282.520	1572.64	-8.00	5.04	-12.60	1698769.92	400713.99	39°35'42.9812"N	80°34'8.3007"W	13.57	291.805	2.19	2.03	-9.53
1604.00	5.570	281.580	1603.50	-9.30	5.65	-15.44	1698767.08	400714.60	39°35'42.9868"N	80°34'8.3372"W	16.44	290.085	1.23	1.19	-3.03
1636.00	6.370	280.720	1635.32	-10.73	6.29	-18.71	1698763.81	400715.24	39°35'42.9928"N	80°34'8.3790"W	19.74	288.579	2.52	2.50	-2.69
1665.00	6.520	279.750	1664.14	-12.08	6.87	-21.91	1698760.61	400715.82	39°35'42.9981"N	80°34'8.4200"W	22.96	287.400	0.64	0.52	-3.34
1695.00	5.480	283.300	1693.98	-13.44	7.48	-24.98	1698757.54	400716.43	39°35'43.0039"N	80°34'8.4593"W	26.08	286.676	3.68	-3.47	11.83
1725.00	4.940	282.490	1723.85	-14.69	8.09	-27.64	1698754.88	400717.04	39°35'43.0096"N	80°34'8.4933"W	28.80	286.321	1.82	-1.80	-2.70
1757.00	4.230	282.460	1755.75	-15.85	8.65	-30.14	1698752.39	400717.60	39°35'43.0147"N	80°34'8.5253"W	31.35	286.007	2.22	-2.22	-0.09



# Actual Wellpath Report

BIG 245 104H AWP Proj: 15369'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 104H (L-002965)
Field	Wetzel	API	47-103-0441-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 104H AWB
Slot	Slot #104		

## WELLPATH DATA (200 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]
1788.00	4.140	285.780	1786.67	-16.92	9.20	-32.33	1698750.19	400718.15	39°35'43.0199"N	80°34'8.5534"W	33.61	285.879	0.83	-0.29	10.71
1820.00	4.050	286.550	1818.59	-18.08	9.83	-34.52	1698748.00	400718.78	39°35'43.0260"N	80°34'8.5816"W	35.90	285.897	0.33	-0.28	2.41
1851.00	3.890	292.820	1849.51	-19.28	10.55	-36.54	1698745.98	400719.50	39°35'43.0328"N	80°34'8.6075"W	38.04	286.107	1.49	-0.52	20.23
1883.00	3.720	286.200	1881.44	-20.46	11.26	-38.54	1698743.98	400720.21	39°35'43.0396"N	80°34'8.6331"W	40.15	286.290	1.47	-0.53	-20.69
1914.00	3.840	285.460	1912.37	-21.49	11.82	-40.51	1698742.02	400720.77	39°35'43.0449"N	80°34'8.6583"W	42.20	286.268	0.42	0.39	-2.39
1944.00	3.960	285.940	1942.30	-22.51	12.37	-42.47	1698740.05	400721.32	39°35'43.0501"N	80°34'8.6835"W	44.24	286.242	0.41	0.40	1.60
1976.00	4.560	282.900	1974.22	-23.65	12.96	-44.77	1698737.75	400721.91	39°35'43.0557"N	80°34'8.7129"W	46.61	286.144	2.00	1.87	-9.50
2007.00	5.030	275.580	2005.11	-24.68	13.37	-47.33	1698735.20	400722.32	39°35'43.0594"N	80°34'8.7456"W	49.18	285.772	2.49	1.52	-23.61
2039.00	5.570	266.650	2036.97	-25.45	13.41	-50.27	1698732.25	400722.36	39°35'43.0595"N	80°34'8.7833"W	52.03	284.938	3.08	1.69	-27.91
2070.00	5.980	265.130	2067.81	-26.01	13.19	-53.38	1698729.14	400722.14	39°35'43.0569"N	80°34'8.8230"W	54.99	283.876	1.41	1.32	-4.90
2101.00	6.190	260.300	2098.64	-26.41	12.77	-56.64	1698725.88	400721.72	39°35'43.0524"N	80°34'8.8645"W	58.06	282.704	1.78	0.68	-15.58
2195.00	6.800	250.250	2192.04	-26.30	10.03	-66.87	1698715.65	400718.98	39°35'43.0241"N	80°34'8.9948"W	67.62	278.534	1.37	0.65	-10.69
2289.00	7.810	257.720	2285.28	-26.00	6.80	-78.35	1698704.17	400715.75	39°35'42.9908"N	80°34'9.1409"W	78.65	274.957	1.47	1.07	7.95
2383.00	9.140	266.420	2378.25	-27.63	4.97	-92.05	1698690.48	400713.92	39°35'42.9711"N	80°34'9.3156"W	92.18	273.091	1.96	1.41	9.26
2477.00	8.890	266.320	2471.09	-30.37	4.04	-106.75	1698675.78	400712.99	39°35'42.9602"N	80°34'9.5032"W	106.82	272.167	0.27	-0.27	-0.11
2572.00	6.940	257.200	2565.18	-31.88	2.30	-119.67	1698662.86	400711.25	39°35'42.9415"N	80°34'9.6680"W	119.69	271.099	2.44	-2.05	-9.60
2639.00	6.750	248.040	2631.71	-31.47	-0.07	-127.27	1698655.26	400708.88	39°35'42.9171"N	80°34'9.7647"W	127.27	269.967	1.65	-0.28	-13.67
2705.00	7.090	245.370	2697.23	-30.23	-3.22	-134.57	1698647.96	400705.73	39°35'42.8852"N	80°34'9.8575"W	134.61	268.629	0.71	0.52	-4.05
2736.00	6.700	242.000	2728.00	-29.46	-4.87	-137.90	1698644.62	400704.08	39°35'42.8685"N	80°34'9.8998"W	137.99	267.978	1.81	-1.26	-10.87
2768.00	7.030	243.970	2759.77	-28.63	-6.60	-141.31	1698641.22	400702.35	39°35'42.8510"N	80°34'9.9431"W	141.47	267.324	1.27	1.03	6.16
2799.00	7.310	246.590	2790.53	-27.93	-8.22	-144.83	1698637.70	400700.73	39°35'42.8346"N	80°34'9.9877"W	145.06	266.752	1.39	0.90	8.45
2831.00	7.660	245.360	2822.26	-27.23	-9.92	-148.63	1698633.90	400699.03	39°35'42.8173"N	80°34'10.0361"W	148.96	266.183	1.20	1.09	-3.84
2862.00	8.750	247.600	2852.94	-26.53	-11.68	-152.69	1698629.84	400697.27	39°35'42.7995"N	80°34'10.0877"W	153.14	265.627	3.66	3.52	7.23
2891.00	9.130	247.150	2881.59	-25.88	-13.41	-156.85	1698625.68	400695.54	39°35'42.7818"N	80°34'10.1405"W	157.42	265.113	1.33	1.31	-1.55
2923.00	9.910	247.100	2913.15	-25.10	-15.47	-161.73	1698620.80	400693.48	39°35'42.7609"N	80°34'10.2025"W	162.47	264.536	2.44	2.44	-0.16
2954.00	10.850	248.340	2943.64	-24.33	-17.58	-166.90	1698615.63	400691.37	39°35'42.7394"N	80°34'10.2682"W	167.82	263.986	3.12	3.03	4.00
2986.00	11.900	248.920	2975.01	-23.56	-19.88	-172.77	1698609.76	400689.07	39°35'42.7160"N	80°34'10.3430"W	173.92	263.435	3.30	3.28	1.81
3017.00	12.900	252.180	3005.29	-22.98	-22.09	-179.05	1698603.48	400686.86	39°35'42.6935"N	80°34'10.4228"W	180.41	262.966	3.94	3.23	10.52
3047.00	13.640	251.830	3034.49	-22.54	-24.22	-185.60	1698596.93	400684.73	39°35'42.6717"N	80°34'10.5061"W	187.17	262.565	2.48	2.47	-1.17
3079.00	14.310	250.900	3065.54	-21.96	-26.69	-192.92	1698589.61	400682.26	39°35'42.6464"N	80°34'10.5993"W	194.76	262.123	2.21	2.09	-2.91



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# Actual Wellpath Report

BIG 245 104H AWP Proj: 15369'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 104H (L-002965)
Field	Wetzel	API	47-103-0441-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 104H AWB
Slot	Slot #104		

## WELLPATH DATA (200 stations)

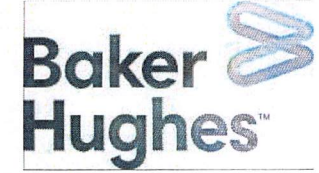
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
3110.00	15.050	251.180	3095.53	-21.33	-29.24	-200.35	1698582.18	400679.71	39°35'42.6203"N	80°34'10.6938"W	202.48	261.696	2.40	2.39	0.90
3140.00	16.080	252.320	3124.43	-20.78	-31.76	-208.00	1698574.53	400677.19	39°35'42.5945"N	80°34'10.7911"W	210.41	261.318	3.58	3.43	3.80
3171.00	16.650	253.520	3154.17	-20.37	-34.32	-216.35	1698566.19	400674.63	39°35'42.5682"N	80°34'10.8973"W	219.05	260.985	2.14	1.84	3.87
3203.00	17.180	253.970	3184.79	-20.06	-36.93	-225.29	1698557.25	400672.02	39°35'42.5414"N	80°34'11.0111"W	228.29	260.691	1.71	1.66	1.41
3234.00	18.010	254.100	3214.34	-19.79	-39.51	-234.30	1698548.24	400669.45	39°35'42.5149"N	80°34'11.1258"W	237.60	260.429	2.68	2.68	0.42
3265.00	18.720	252.990	3243.76	-19.43	-42.27	-243.66	1698538.87	400666.68	39°35'42.4864"N	80°34'11.2450"W	247.30	260.157	2.55	2.29	-3.58
3295.00	19.650	254.010	3272.09	-19.07	-45.07	-253.11	1698529.42	400663.88	39°35'42.4576"N	80°34'11.3653"W	257.10	259.903	3.30	3.10	3.40
3326.00	19.880	252.830	3301.27	-18.66	-48.06	-263.16	1698519.38	400660.89	39°35'42.4269"N	80°34'11.4932"W	267.51	259.649	1.49	0.74	-3.81
3358.00	20.530	252.670	3331.30	-18.10	-51.34	-273.72	1698508.82	400657.61	39°35'42.3933"N	80°34'11.6275"W	278.49	259.376	2.04	2.03	-0.50
3390.00	21.350	254.990	3361.18	-17.74	-54.52	-284.70	1698497.84	400654.43	39°35'42.3605"N	80°34'11.7673"W	289.87	259.159	3.64	2.56	7.25
3421.00	21.900	252.990	3390.00	-17.41	-57.68	-295.68	1698486.86	400651.28	39°35'42.3281"N	80°34'11.9071"W	301.25	258.962	2.97	1.77	-6.45
3453.00	22.590	253.010	3419.62	-16.85	-61.22	-307.26	1698475.28	400647.74	39°35'42.2917"N	80°34'12.0545"W	313.30	258.732	2.16	2.16	0.06
3548.00	24.240	253.380	3506.79	-15.23	-72.13	-343.40	1698439.14	400636.83	39°35'42.1796"N	80°34'12.5145"W	350.89	258.138	1.74	1.74	0.39
3643.00	24.800	252.940	3593.23	-13.52	-83.55	-381.14	1698401.41	400625.40	39°35'42.0623"N	80°34'12.9947"W	390.19	257.636	0.62	0.59	-0.46
3739.00	25.510	254.370	3680.12	-12.11	-95.03	-420.29	1698362.25	400613.93	39°35'41.9443"N	80°34'13.4931"W	430.90	257.260	0.97	0.74	1.49
3834.00	26.090	254.480	3765.65	-11.22	-106.13	-460.12	1698322.43	400602.83	39°35'41.8299"N	80°34'14.0002"W	472.20	257.012	0.61	0.61	0.12
3929.00	27.120	256.830	3850.59	-11.24	-116.65	-501.34	1698281.22	400592.31	39°35'41.7210"N	80°34'14.5250"W	514.73	256.901	1.55	1.08	2.47
4023.00	27.190	255.890	3934.23	-11.77	-126.77	-543.03	1698239.53	400582.19	39°35'41.6161"N	80°34'15.0560"W	557.63	256.860	0.46	0.07	-1.00
4117.00	26.960	252.450	4017.94	-10.67	-138.43	-584.17	1698198.38	400570.53	39°35'41.4960"N	80°34'15.5798"W	600.35	256.669	1.68	-0.24	-3.66
4212.00	27.190	252.760	4102.53	-8.38	-151.36	-625.44	1698157.12	400557.60	39°35'41.3634"N	80°34'16.1049"W	643.49	256.396	0.28	0.24	0.33
4306.00	27.350	252.170	4186.08	-5.98	-164.33	-666.50	1698116.06	400544.63	39°35'41.2304"N	80°34'16.6275"W	686.46	256.149	0.33	0.17	-0.63
4399.00	26.420	252.860	4269.03	-3.68	-176.97	-706.61	1698075.95	400531.99	39°35'41.1007"N	80°34'17.1379"W	728.44	255.939	1.05	-1.00	0.74
4494.00	24.700	252.790	4354.73	-1.66	-189.07	-745.77	1698036.79	400519.89	39°35'40.9765"N	80°34'17.6362"W	769.37	255.774	1.81	-1.81	-0.07
4587.00	23.350	251.260	4439.67	0.72	-200.75	-781.79	1698000.78	400508.22	39°35'40.8569"N	80°34'18.0945"W	807.15	255.599	1.60	-1.45	-1.65
4682.00	22.260	252.640	4527.24	3.11	-212.16	-816.79	1697965.78	400496.80	39°35'40.7400"N	80°34'18.5398"W	843.90	255.439	1.28	-1.15	1.45
4777.00	21.410	251.160	4615.42	5.41	-223.13	-850.38	1697932.20	400485.83	39°35'40.6276"N	80°34'18.9672"W	879.16	255.297	1.07	-0.89	-1.56
4871.00	20.560	248.100	4703.19	8.92	-234.83	-881.93	1697900.64	400474.13	39°35'40.5083"N	80°34'19.3684"W	912.66	255.090	1.48	-0.90	-3.26
4967.00	20.520	248.910	4793.09	13.11	-247.17	-913.27	1697869.31	400461.79	39°35'40.3826"N	80°34'19.7668"W	946.13	254.856	0.30	-0.04	0.84
5063.00	20.730	247.740	4882.94	17.42	-259.66	-944.69	1697837.89	400449.30	39°35'40.2555"N	80°34'20.1663"W	979.73	254.631	0.48	0.22	-1.22
5156.00	21.280	245.420	4969.76	22.69	-272.92	-975.27	1697807.31	400436.05	39°35'40.1209"N	80°34'20.5549"W	1012.74	254.366	1.07	0.59	-2.49



# Actual Wellpath Report

BIG 245 104H AWP Proj: 15369'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 104H (L-002965)
Field	Wetzel	API	47-103-0441-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 104H AWB
Slot	Slot #104		

## WELLPATH DATA (200 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]
5251.00	23.970	248.510	5057.44	28.15	-287.16	-1008.91	1697773.67	400421.81	39°35'39.9761"N	80°34'20.9824"W	1048.98	254.112	3.09	2.83	3.25
5346.00	25.440	250.400	5143.75	32.41	-301.08	-1046.09	1697736.49	400407.89	39°35'39.8342"N	80°34'21.4552"W	1088.56	253.944	1.76	1.55	1.99
5441.00	26.080	251.840	5229.31	35.67	-314.43	-1085.16	1697697.43	400394.54	39°35'39.6977"N	80°34'21.9521"W	1129.79	253.841	0.94	0.67	1.52
5536.00	27.390	254.980	5314.15	37.31	-326.60	-1126.11	1697656.48	400382.37	39°35'39.5725"N	80°34'22.4734"W	1172.51	253.826	2.03	1.38	3.31
5631.00	26.160	254.050	5398.97	38.15	-338.02	-1167.35	1697615.24	400370.95	39°35'39.4548"N	80°34'22.9984"W	1215.31	253.851	1.37	-1.29	-0.98
5723.00	26.170	256.980	5481.54	38.25	-348.16	-1206.62	1697575.97	400360.81	39°35'39.3499"N	80°34'23.4984"W	1255.85	253.905	1.40	0.01	3.18
5818.00	25.850	253.720	5566.92	38.46	-358.69	-1246.91	1697535.68	400350.28	39°35'39.2412"N	80°34'24.0115"W	1297.48	253.951	1.54	-0.34	-3.43
5910.00	26.180	254.650	5649.60	39.49	-369.68	-1285.74	1697496.86	400339.29	39°35'39.1279"N	80°34'24.5057"W	1337.83	253.959	0.57	0.36	1.01
6004.00	25.540	252.950	5734.19	40.80	-381.12	-1325.11	1697457.49	400327.86	39°35'39.0103"N	80°34'25.0069"W	1378.82	253.954	1.04	-0.68	-1.81
6098.00	25.110	253.590	5819.16	42.48	-392.69	-1363.61	1697418.99	400316.28	39°35'38.8914"N	80°34'25.4969"W	1419.03	253.935	0.54	-0.46	0.68
6193.00	25.620	251.450	5905.00	44.70	-404.92	-1402.42	1697380.18	400304.05	39°35'38.7659"N	80°34'25.9908"W	1459.71	253.895	1.10	0.54	-2.25
6288.00	24.930	247.720	5990.91	48.97	-419.05	-1440.42	1697342.19	400289.93	39°35'38.6218"N	80°34'26.4740"W	1500.14	253.779	1.83	-0.73	-3.93
6382.00	24.360	248.760	6076.35	54.03	-433.58	-1476.82	1697305.79	400275.40	39°35'38.4739"N	80°34'26.9368"W	1539.16	253.638	0.76	-0.61	1.11
6477.00	23.750	248.580	6163.10	58.74	-447.67	-1512.90	1697269.72	400261.31	39°35'38.3304"N	80°34'27.3953"W	1577.74	253.517	0.65	-0.64	-0.19
6570.00	23.340	248.490	6248.35	63.34	-461.26	-1547.47	1697235.15	400247.72	39°35'38.1920"N	80°34'27.8349"W	1614.75	253.402	0.44	-0.44	-0.10
6665.00	23.150	246.860	6335.64	68.54	-475.50	-1582.15	1697200.47	400233.48	39°35'38.0472"N	80°34'28.2757"W	1652.06	253.272	0.71	-0.20	-1.72
6760.00	24.270	252.060	6422.63	72.61	-488.85	-1617.90	1697164.72	400220.13	39°35'37.9110"N	80°34'28.7303"W	1690.14	253.188	2.50	1.18	5.47
6856.00	25.700	254.160	6509.65	74.39	-500.61	-1656.70	1697125.92	400208.37	39°35'37.7902"N	80°34'29.2241"W	1730.68	253.187	1.75	1.49	2.19
6950.00	25.490	255.550	6594.43	74.95	-511.22	-1695.89	1697086.73	400197.76	39°35'37.6807"N	80°34'29.7231"W	1771.27	253.225	0.68	-0.22	1.48
7046.00	25.250	255.190	6681.17	75.16	-521.61	-1735.69	1697046.93	400187.37	39°35'37.5733"N	80°34'30.2299"W	1812.38	253.273	0.30	-0.25	-0.38
7141.00	26.110	256.670	6766.78	74.95	-531.61	-1775.62	1697007.00	400177.37	39°35'37.4698"N	80°34'30.7384"W	1853.50	253.333	1.13	0.91	1.56
7178.00	26.100	255.170	6800.01	74.87	-535.57	-1791.42	1696991.21	400173.41	39°35'37.4288"N	80°34'30.9395"W	1869.76	253.355	1.78	-0.03	-4.05
7256.00	26.060	245.450	6870.10	78.05	-547.09	-1823.60	1696959.03	400161.90	39°35'37.3112"N	80°34'31.3488"W	1903.90	253.301	5.47	-0.05	-12.46
7351.00	25.950	219.920	6955.75	93.93	-571.78	-1856.02	1696926.61	400137.21	39°35'37.0633"N	80°34'31.7591"W	1942.10	252.878	11.70	-0.12	-26.87
7446.00	25.250	213.040	7041.44	119.79	-604.71	-1880.41	1696902.22	400104.28	39°35'36.7350"N	80°34'32.0657"W	1975.25	252.173	3.21	-0.74	-7.24
7541.00	29.940	198.110	7125.71	153.57	-644.30	-1898.86	1696883.77	400064.69	39°35'36.3416"N	80°34'32.2952"W	2005.19	251.258	8.76	4.94	-15.72
7636.00	36.900	190.910	7204.99	199.44	-694.92	-1911.65	1696870.99	400014.08	39°35'35.8398"N	80°34'32.4508"W	2034.04	250.023	8.42	7.33	-7.58
7730.00	46.140	187.860	7275.30	256.47	-756.34	-1921.65	1696860.99	399952.66	39°35'35.2317"N	80°34'32.5692"W	2065.13	248.516	10.06	9.83	-3.24
7825.00	50.820	176.030	7338.38	324.57	-827.18	-1923.79	1696858.85	399881.82	39°35'34.5313"N	80°34'32.5856"W	2094.08	246.734	10.53	4.93	-12.45
7920.00	56.290	165.900	7394.89	400.48	-902.41	-1911.58	1696871.05	399806.59	39°35'33.7892"N	80°34'32.4182"W	2113.88	244.729	10.32	5.76	-10.66



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# Actual Wellpath Report

BIG 245 104H AWP Proj: 15369'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 104H (L-002965)
Field	Wetzel	API	47-103-0441-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 104H AWB
Slot	Slot #104		

## WELLPATH DATA (200 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]
8015.00	64.890	158.420	7441.55	482.91	-980.97	-1886.06	1696896.57	399728.04	39°35'33.0160"N	80°34'32.0803"W	2125.92	242.520	11.35	9.05	-7.87
8110.00	72.560	154.020	7476.01	570.13	-1061.85	-1850.32	1696932.31	399647.16	39°35'32.2208"N	80°34'31.6114"W	2133.36	240.150	9.15	8.07	-4.63
8205.00	77.120	147.760	7500.87	658.71	-1141.87	-1805.70	1696976.93	399567.15	39°35'31.4353"N	80°34'31.0293"W	2136.46	237.692	7.97	4.80	-6.59
8300.00	83.520	150.020	7516.83	748.33	-1222.01	-1757.36	1697025.27	399487.01	39°35'30.6490"N	80°34'30.3996"W	2140.48	235.186	7.13	6.74	2.38
8394.00	90.520	150.120	7521.72	838.70	-1303.32	-1710.55	1697072.07	399405.71	39°35'29.8511"N	80°34'29.7893"W	2150.50	232.695	7.45	7.45	0.11
8489.00	89.450	150.260	7521.74	930.26	-1385.75	-1663.33	1697119.29	399323.29	39°35'29.0421"N	80°34'29.1735"W	2164.94	230.202	1.14	-1.13	0.15
8585.00	88.950	148.420	7523.08	1022.39	-1468.31	-1614.38	1697168.24	399240.73	39°35'28.2319"N	80°34'28.5357"W	2182.24	227.713	1.99	-0.52	-1.92
8680.00	90.310	149.400	7523.70	1113.36	-1549.66	-1565.33	1697217.29	399159.38	39°35'27.4338"N	80°34'27.8967"W	2202.66	225.288	1.76	1.43	1.03
8774.00	89.940	150.310	7523.49	1203.80	-1630.95	-1518.12	1697264.49	399078.10	39°35'26.6360"N	80°34'27.2814"W	2228.16	222.948	1.05	-0.39	0.97
8869.00	89.230	147.320	7524.18	1294.72	-1712.21	-1468.94	1697313.67	398996.85	39°35'25.8388"N	80°34'26.6408"W	2255.98	220.627	3.23	-0.75	-3.15
8964.00	89.200	148.500	7525.48	1385.19	-1792.69	-1418.47	1697364.13	398916.37	39°35'25.0494"N	80°34'25.9839"W	2286.00	218.353	1.24	-0.03	1.24
9059.00	89.260	149.120	7526.76	1476.11	-1873.95	-1369.28	1697413.32	398835.12	39°35'24.2522"N	80°34'25.3432"W	2320.91	216.155	0.66	0.06	0.65
9154.00	89.140	150.320	7528.09	1567.45	-1955.98	-1321.39	1697461.22	398753.09	39°35'23.4472"N	80°34'24.7189"W	2360.49	214.042	1.27	-0.13	1.26
9249.00	90.740	149.740	7528.18	1658.94	-2038.27	-1273.93	1697508.67	398670.80	39°35'22.6395"N	80°34'24.1003"W	2403.63	212.006	1.79	1.68	-0.61
9344.00	88.860	146.860	7528.52	1749.60	-2119.08	-1224.02	1697558.58	398589.99	39°35'21.8468"N	80°34'23.4505"W	2447.19	210.011	3.62	-1.98	-3.03
9439.00	89.780	150.760	7529.64	1840.50	-2200.33	-1174.83	1697607.76	398508.75	39°35'21.0497"N	80°34'22.8099"W	2494.33	208.099	4.22	0.97	4.11
9534.00	88.680	149.770	7530.92	1932.09	-2282.81	-1127.72	1697654.87	398426.28	39°35'20.2401"N	80°34'22.1955"W	2546.17	206.290	1.56	-1.16	-1.04
9629.00	91.020	151.260	7531.17	2023.78	-2365.50	-1080.97	1697701.62	398343.59	39°35'19.4285"N	80°34'21.5858"W	2600.78	204.559	2.92	2.46	1.57
9724.00	88.830	150.480	7531.29	2115.63	-2448.48	-1034.72	1697747.86	398260.62	39°35'18.6139"N	80°34'20.9825"W	2658.14	202.909	2.45	-2.31	-0.82
9819.00	88.860	150.050	7533.21	2207.21	-2530.95	-987.61	1697794.97	398178.15	39°35'17.8044"N	80°34'20.3683"W	2716.82	201.316	0.45	0.03	-0.45
9914.00	88.890	150.220	7535.07	2298.73	-2613.32	-940.32	1697842.26	398095.79	39°35'16.9960"N	80°34'19.7516"W	2777.34	199.790	0.18	0.03	0.18
10009.00	89.380	149.770	7536.51	2390.20	-2695.58	-892.82	1697889.76	398013.54	39°35'16.1886"N	80°34'19.1324"W	2839.59	198.326	0.70	0.52	-0.47
10104.00	90.090	151.860	7536.95	2482.02	-2778.51	-846.49	1697936.08	397930.61	39°35'15.3745"N	80°34'18.5282"W	2904.60	196.944	2.32	0.75	2.20
10199.00	88.580	149.250	7538.05	2573.73	-2861.23	-799.80	1697982.77	397847.90	39°35'14.5626"N	80°34'17.9192"W	2970.91	195.617	3.17	-1.59	-2.75
10294.00	90.180	150.730	7539.08	2665.19	-2943.48	-752.29	1698030.27	397765.65	39°35'13.7553"N	80°34'17.2999"W	3038.10	194.337	2.29	1.68	1.56
10388.00	88.710	148.850	7539.99	2755.60	-3024.71	-705.00	1698077.56	397684.43	39°35'12.9582"N	80°34'16.6835"W	3105.78	193.120	2.54	-1.56	-2.00
10484.00	90.030	149.930	7541.04	2847.75	-3107.32	-656.12	1698126.44	397601.82	39°35'12.1475"N	80°34'16.0467"W	3175.84	191.923	1.78	1.37	1.12
10579.00	89.200	150.710	7541.68	2939.37	-3189.85	-609.09	1698173.47	397519.29	39°35'11.3374"N	80°34'15.4334"W	3247.48	190.810	1.20	-0.87	0.82
10673.00	88.580	149.960	7543.50	3030.01	-3271.52	-562.57	1698219.98	397437.63	39°35'10.5359"N	80°34'14.8269"W	3319.53	189.757	1.04	-0.66	-0.80
10768.00	88.980	148.560	7545.53	3121.13	-3353.15	-514.03	1698268.53	397356.01	39°35'9.7349"N	80°34'14.1944"W	3392.32	188.715	1.53	0.42	-1.47



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# Actual Wellpath Report

BIG 245 104H AWP Proj: 15369'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 104H (L-002965)
Field	Wetzel	API	47-103-0441-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 104H AWB
Slot	Slot #104		

## WELLPATH DATA (200 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]
10863.00	88.950	149.250	7547.24	3212.09	-3434.48	-464.97	1698317.58	397274.68	39°35'8.9368"N	80°34'13.5555"W	3465.82	187.710	0.73	-0.03	0.73
10958.00	88.680	149.900	7549.21	3303.35	-3516.38	-416.87	1698365.67	397192.78	39°35'8.1331"N	80°34'12.9288"W	3541.01	186.761	0.74	-0.28	0.68
11053.00	89.140	149.970	7551.01	3394.78	-3598.59	-369.29	1698413.25	397110.58	39°35'7.3263"N	80°34'12.3086"W	3617.49	185.859	0.49	0.48	0.07
11148.00	89.290	150.900	7552.32	3486.44	-3681.21	-322.42	1698460.12	397027.97	39°35'6.5153"N	80°34'11.6974"W	3695.30	185.005	0.99	0.16	0.98
11244.00	88.830	150.080	7553.89	3579.09	-3764.74	-275.14	1698507.40	396944.44	39°35'5.6954"N	80°34'11.0809"W	3774.78	184.180	0.98	-0.48	-0.85
11339.00	89.260	150.120	7555.47	3670.60	-3847.09	-227.79	1698554.74	396862.10	39°35'4.8872"N	80°34'10.4636"W	3853.82	183.389	0.45	0.45	0.04
11433.00	88.830	150.230	7557.04	3761.18	-3928.62	-181.04	1698601.49	396780.57	39°35'4.0869"N	80°34'9.8542"W	3932.79	182.639	0.47	-0.46	0.12
11528.00	89.200	149.640	7558.67	3852.61	-4010.83	-133.46	1698649.07	396698.37	39°35'3.2801"N	80°34'9.2340"W	4013.05	181.906	0.73	0.39	-0.62
11623.00	89.820	152.120	7559.49	3944.46	-4093.81	-87.23	1698695.29	396615.39	39°35'2.4655"N	80°34'8.6310"W	4094.74	181.221	2.69	0.65	2.61
11718.00	89.140	149.050	7560.35	4036.18	-4176.55	-40.58	1698741.94	396532.65	39°35'1.6533"N	80°34'8.0227"W	4176.75	180.557	3.31	-0.72	-3.23
11812.00	89.570	149.140	7561.41	4126.28	-4257.20	7.69	1698790.21	396452.01	39°35'0.8619"N	80°34'7.3939"W	4257.21	179.896	0.47	0.46	0.10
11908.00	89.170	148.800	7562.46	4218.24	-4339.46	57.18	1698839.69	396369.76	39°35'0.0548"N	80°34'6.7494"W	4339.83	179.245	0.55	-0.42	-0.35
12002.00	89.230	148.900	7563.78	4308.22	-4419.90	105.80	1698888.31	396289.32	39°34'59.2656"N	80°34'6.1163"W	4421.16	178.629	0.12	0.06	0.11
12097.00	89.940	149.330	7564.46	4399.28	-4501.42	154.56	1698937.07	396207.80	39°34'58.4657"N	80°34'5.4811"W	4504.07	178.033	0.87	0.75	0.45
12193.00	88.830	145.540	7565.49	4490.45	-4582.31	206.22	1698988.73	396126.92	39°34'57.6724"N	80°34'4.8091"W	4586.95	177.423	4.11	-1.16	-3.95
12288.00	89.780	149.560	7566.65	4580.72	-4662.45	257.18	1699039.68	396046.78	39°34'56.8863"N	80°34'4.1462"W	4669.54	176.843	4.35	1.00	4.23
12382.00	89.320	147.440	7567.39	4670.54	-4742.59	306.29	1699088.79	395966.65	39°34'56.1001"N	80°34'3.5068"W	4752.47	176.305	2.31	-0.49	-2.26
12478.00	89.540	148.090	7568.34	4761.89	-4823.79	357.49	1699139.99	395885.45	39°34'55.3037"N	80°34'2.8406"W	4837.02	175.762	0.71	0.23	0.68
12573.00	89.600	148.360	7569.05	4852.53	-4904.55	407.51	1699190.01	395804.70	39°34'54.5115"N	80°34'2.1895"W	4921.45	175.250	0.29	0.06	0.28
12668.00	89.380	148.360	7569.90	4943.23	-4985.43	457.35	1699239.84	395723.83	39°34'53.7180"N	80°34'1.5408"W	5006.36	174.759	0.23	-0.23	0.00
12763.00	89.510	147.960	7570.82	5033.84	-5066.13	507.46	1699289.95	395643.13	39°34'52.9264"N	80°34'0.8886"W	5091.48	174.280	0.44	0.14	-0.42
12858.00	88.950	147.930	7572.10	5124.33	-5146.64	557.88	1699340.36	395562.63	39°34'52.1367"N	80°34'0.2325"W	5176.78	173.813	0.59	-0.59	-0.03
12953.00	89.570	148.200	7573.32	5214.88	-5227.25	608.12	1699390.61	395482.02	39°34'51.3459"N	80°33'59.5786"W	5262.51	173.364	0.71	0.65	0.28
13048.00	88.770	148.100	7574.70	5305.47	-5307.94	658.25	1699440.73	395401.34	39°34'50.5544"N	80°33'58.9262"W	5348.60	172.931	0.85	-0.84	-0.11
13144.00	89.230	148.050	7576.37	5396.98	-5389.40	709.01	1699491.48	395319.87	39°34'49.7553"N	80°33'58.2657"W	5435.84	172.505	0.48	0.48	-0.05
13239.00	89.140	148.430	7577.73	5487.62	-5470.17	759.01	1699541.48	395239.11	39°34'48.9629"N	80°33'57.6149"W	5522.58	172.100	0.41	-0.09	0.40
13334.00	89.290	148.260	7579.03	5578.31	-5551.03	808.86	1699591.33	395158.26	39°34'48.1697"N	80°33'56.9660"W	5609.65	171.710	0.24	0.16	-0.18
13428.00	89.380	148.380	7580.12	5668.03	-5631.02	858.22	1699640.69	395078.28	39°34'47.3850"N	80°33'56.3235"W	5696.04	171.334	0.16	0.10	0.13
13523.00	88.830	149.080	7581.60	5758.91	-5712.21	907.53	1699689.99	394997.09	39°34'46.5884"N	80°33'55.6816"W	5783.85	170.973	0.94	-0.58	0.74
13618.00	89.110	146.530	7583.31	5849.32	-5792.58	958.13	1699740.59	394916.72	39°34'45.8001"N	80°33'55.0232"W	5871.29	170.608	2.70	0.29	-2.68

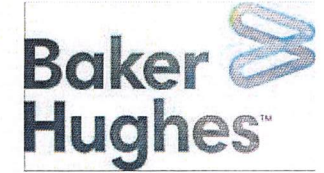




# Actual Wellpath Report

BIG 245 104H AWP Proj: 15369'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 104H (L-002965)
Field	Wetzel	API	47-103-0441-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 104H AWB
Slot	Slot #104		

## WELLPATH DATA (200 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]
13714.00	89.320	149.650	7584.63	5940.82	-5874.05	1008.86	1699791.32	394835.25	39°34'45.0008"N	80°33'54.3630"W	5960.06	170.255	3.26	0.22	3.25
13809.00	89.570	146.980	7585.55	6031.50	-5954.88	1058.76	1699841.21	394754.43	39°34'44.2079"N	80°33'53.7136"W	6048.27	169.918	2.82	0.26	-2.81
13904.00	89.780	148.390	7586.09	6121.86	-6035.17	1109.54	1699891.99	394674.15	39°34'43.4204"N	80°33'53.0529"W	6136.31	169.583	1.50	0.22	1.48
13999.00	89.850	147.960	7586.39	6212.48	-6115.88	1159.63	1699942.08	394593.44	39°34'42.6286"N	80°33'52.4010"W	6224.85	169.264	0.46	0.07	-0.45
14094.00	90.120	149.160	7586.42	6303.28	-6196.93	1209.18	1699991.63	394512.39	39°34'41.8334"N	80°33'51.7559"W	6313.80	168.959	1.29	0.28	1.26
14189.00	88.920	147.370	7587.21	6393.93	-6277.72	1259.15	1700041.59	394431.61	39°34'41.0409"N	80°33'51.1057"W	6402.76	168.658	2.27	-1.26	-1.88
14284.00	89.450	148.780	7588.56	6484.48	-6358.34	1309.38	1700091.82	394350.99	39°34'40.2500"N	80°33'50.4520"W	6491.76	168.364	1.59	0.56	1.48
14379.00	90.060	150.290	7588.97	6575.75	-6440.22	1357.54	1700139.98	394269.12	39°34'39.4465"N	80°33'49.8246"W	6581.75	168.097	1.71	0.64	1.59
14475.00	89.450	150.010	7589.38	6668.26	-6523.49	1405.32	1700187.76	394185.86	39°34'38.6292"N	80°33'49.2018"W	6673.14	167.843	0.70	-0.64	-0.29
14570.00	89.570	149.980	7590.19	6759.73	-6605.75	1452.83	1700235.26	394103.60	39°34'37.8218"N	80°33'48.5827"W	6763.63	167.596	0.13	0.13	-0.03
14665.00	89.850	149.740	7590.67	6851.14	-6687.91	1500.53	1700282.96	394021.45	39°34'37.0155"N	80°33'47.9612"W	6854.17	167.354	0.39	0.29	-0.25
14760.00	90.400	152.070	7590.47	6943.01	-6770.91	1546.72	1700329.15	393938.45	39°34'36.2006"N	80°33'47.3588"W	6945.33	167.132	2.52	0.58	2.45
14855.00	89.850	150.010	7590.26	7034.93	-6854.03	1592.72	1700375.14	393855.34	39°34'35.3846"N	80°33'46.7588"W	7036.65	166.918	2.24	-0.58	-2.17
14950.00	89.940	150.590	7590.43	7126.54	-6936.55	1639.79	1700422.21	393772.82	39°34'34.5746"N	80°33'46.1453"W	7127.74	166.700	0.62	0.09	0.61
15044.00	90.620	149.150	7589.97	7216.99	-7017.84	1686.97	1700469.39	393691.53	39°34'33.7767"N	80°33'45.5305"W	7217.76	166.484	1.69	0.72	-1.53
15139.00	90.620	148.430	7588.95	7307.90	-7099.09	1736.19	1700518.61	393610.29	39°34'32.9795"N	80°33'44.8897"W	7308.31	166.257	0.76	0.00	-0.76
15234.00	90.680	149.740	7587.87	7398.95	-7180.59	1785.00	1700567.41	393528.80	39°34'32.1798"N	80°33'44.2542"W	7399.12	166.040	1.38	0.06	1.38
15329.00	89.970	150.540	7587.33	7490.49	-7262.97	1832.29	1700614.70	393446.42	39°34'31.3712"N	80°33'43.6378"W	7490.53	165.841	1.13	-0.75	0.84
15344.00	90.460	150.280	7587.27	7504.96	-7276.02	1839.70	1700622.11	393433.38	39°34'31.2431"N	80°33'43.5412"W	7504.99	165.810	3.70	3.27	-1.73
15369.00†	90.460	150.280	7587.07	7529.07	-7297.73	1852.09	1700634.50	393411.67	39°34'31.0300"N	80°33'43.3797"W	7529.08	165.760	0.00	0.00	0.00

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# Actual Wellpath Report

BIG 245 104H AWP Proj: 15369'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 104H (L-002965)
Field	Wetzel	API	47-103-0441-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 104H AWB
Slot	Slot #104		

## HOLE & CASING SECTIONS - Ref Wellbore: BIG 245 104H AWB Ref Wellpath: BIG 245 104H AWP Proj: 15369'

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	1250.00	1222.00	28.00	1250.00	0.00	0.00	-0.03	-1.73
13.375in Casing Surface	28.00	1220.00	1192.00	28.00	1220.00	0.00	0.00	-0.09	-1.63
12.25in Open Hole	1250.00	2721.00	1471.00	1250.00	2713.11	-0.03	-1.73	-4.06	-136.33
9.625in Casing Intermediate	28.00	2691.00	2663.00	28.00	2683.33	0.00	0.00	-2.51	-133.00
8.75in Open Hole	2721.00	7219.00	4498.00	2713.11	6836.85	-4.06	-136.33	-540.94	-1808.58
8.5in Open Hole	7219.00	15369.00	8150.00	6836.85	7587.07	-540.94	-1808.58	-7297.73	1852.09
5.5in Casing Production	28.00	15339.00	15311.00	28.00	7587.31	0.00	0.00	-7271.67	1837.22

## TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BIG 245 104H LP Rev-1	7512.00	-1242.79	-1770.58	1697012.05	399466.24	39°35'30.4422"N	80°34'30.5652"W	point
BIG 245 104H BHL Rev-1	7542.80	-7294.63	1865.92	1700648.33	393414.77	39°34'31.0623"N	80°33'43.2035"W	point
BIG 245 Hardline 2	9000.00	-7191.65	2037.31	1700819.71	393517.74	39°34'32.0999"N	80°33'41.0305"W	rectangle
	2D Rectangle 800 x 2.							
BIG 245 L&A 1 Rev-0	9000.00	-4166.38	-697.29	1698085.27	396542.82	39°35'1.6765"N	80°34'16.4112"W	polygon
	2D Polygon: dimensions not calculated							

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# Actual Wellpath Report

BIG 245 104H AWP Proj: 15369'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 104H (L-002965)
Field	Wetzel	API	47-103-0441-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 104H AWB
Slot	Slot #104		

## WELLPATH COMPOSITION - Ref Wellbore: BIG 245 104H AWB Ref Wellpath: BIG 245 104H AWP Proj: 15369'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
28.00	1211.00	Gyrodata 2015 - CT+WIR+ALC	01_ <17.5">Gyrodata [CT+WIR+ALC] (115'-1211')	BIG 245 104H AWB	6/1/2022
1211.00	2639.00	OWSG MWD rev2 - Standard	02_ <12.25">OWSG MWD REV.2 [STANDARD] (1211')(1287'- 2639')	BIG 245 104H AWB	6/1/2022
2639.00	7141.00	OWSG MWD rev2 - Standard	03_ <8.75"> OWSG MWD REV.2 [STANDARD] (2639')(2705'-7141')	BIG 245 104H AWB	6/1/2022
7141.00	15369.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	04_ <8.5">OWSG MWD REV.2 [IFR1+MSA] (7141')(7178'-15344')	BIG 245 104H AWB	6/1/2022



# Actual Wellpath Report

BIG 245 104H AWP Proj: 15369'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 245 104H (L-002965)
Field	Wetzel	API	47-103-0441-00-00
Facility	Big 245 Pad	Wellbore	BIG 245 104H AWB
Slot	Slot #104		

## COMMENTS

### Wellpath general comments

API: 47103034410000

BH Job #: 111368344

Rig: Patterson 292

Duration: 06/17/2022 - 06/18/2022

01\_<17.5">Gyrodata [CT+WIR+ALC] (115'-1211')

02\_<12.25">OWSG MWD REV.2 [STANDARD] (1211')(1287'- 2639')

03\_<8.75"> OWSG MWD REV.2 [STANDARD] (2639')(2705'-7141')

04\_<8.5">OWSG MWD REV.2 [IFR1+MSA] (7141')(7178'-15344')

KOP = 1319' MD / 1319' TVD

Tie on to SDI MWD = 7141' MD / 6766.78' TVD

Marcellus

Landing Point = 8394' MD / 7521.72' TVD

Deepest Point of Well = 14665' MD / 7590.67' TVD

Final Survey = 15344' MD / 7587.27' TVD

Projection to TD = 15369' MD / 7587.07' TVD

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