



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'

Page 1 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Vanderbilt 6H
Field	Marion	API	47-049-02536-0000
Facility	Vanderbilt Pad	Wellbore	Vanderbilt 6H AWB
Slot	Slot #06		

REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999942	Report Generated	1/19/2025 at 6:56:10 PM
Convergence at slot	0.62° 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	-14.57	-3.35	1725040.51	382829.72	39°32'49.1812"N	80°28'30.2344"W
Facility Reference Pt			1725043.86	382844.29	39°32'49.3256"N	80°28'30.1936"W
Field Reference Pt			1931053.01	433518.91	39°41'24.0000"N	79°44'42.0000"W

WELLPATH DATUM

Calculation method	Minimum curvature	Patterson 294 (RKB) to Facility Vertical Datum	1386.00ft
Horizontal Reference Pt	Slot	Patterson 294 (RKB) to Mean Sea Level	1386.00ft
Vertical Reference Pt	Patterson 294 (RKB)	Patterson 294 (RKB) to Ground Level at Slot (Slot #06)	28.00ft
MD Reference Pt	Patterson 294 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	159.46°

RECEIVED
Office of Oil and Gas
AUG 18 2025
WV Department of
Environmental Protection



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'

Page 2 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Vanderbilt 6H
Field	Marion	API	47-049-02536-0000
Facility	Vanderbilt Pad	Wellbore	Vanderbilt 6H AWB
Slot	Slot #06		

WELLPATH DATA (246 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 [°]	OLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
0.00†	0.000	340.050	0.00	0.00	0.00	0.00	1725040.51	382829.72	39°32'49.1812"N	80°28'30.2344"W	0.00	0.000	0.00	0.00	0.00
28.00	0.000	340.050	28.00	0.00	0.00	0.00	1725040.51	382829.72	39°32'49.1812"N	80°28'30.2344"W	0.00	0.000	0.00	0.00	0.00
115.00	0.070	340.050	115.00	-0.05	0.05	-0.02	1725040.49	382829.77	39°32'49.1817"N	80°28'30.2346"W	0.05	340.050	0.08	0.08	0.00
215.00	0.070	328.000	215.00	-0.17	0.16	-0.07	1725040.44	382829.88	39°32'49.1828"N	80°28'30.2353"W	0.17	335.858	0.01	0.00	-12.05
315.00	0.080	359.070	315.00	-0.28	0.28	-0.10	1725040.41	382829.98	39°32'49.1838"N	80°28'30.2358"W	0.28	338.343	0.04	-0.01	31.07
415.00	0.060	330.660	415.00	-0.38	0.36	-0.13	1725040.38	382830.08	39°32'49.1848"N	80°28'30.2361"W	0.38	340.062	0.03	0.00	-28.41
515.00	0.080	14.690	515.00	-0.49	0.47	-0.14	1725040.37	382830.19	39°32'49.1859"N	80°28'30.2362"W	0.49	343.670	0.06	0.02	44.03
615.00	0.160	10.980	615.00	-0.67	0.68	-0.09	1725040.42	382830.40	39°32'49.1879"N	80°28'30.2357"W	0.69	352.040	0.08	0.08	-3.81
715.00	0.160	20.290	715.00	-0.89	0.95	-0.02	1725040.49	382830.67	39°32'49.1906"N	80°28'30.2348"W	0.95	358.779	0.03	0.00	9.41
815.00	0.160	21.150	815.00	-1.10	1.21	0.08	1725040.59	382830.93	39°32'49.1931"N	80°28'30.2335"W	1.21	3.722	0.00	0.00	0.86
915.00	0.170	16.690	915.00	-1.33	1.48	0.17	1725040.68	382831.20	39°32'49.1958"N	80°28'30.2324"W	1.49	6.610	0.02	0.01	-4.46
1015.00	0.160	14.540	1015.00	-1.56	1.76	0.25	1725040.76	382831.48	39°32'49.1986"N	80°28'30.2314"W	1.78	8.070	0.01	-0.01	-2.15
1115.00	0.270	320.840	1115.00	-1.90	2.08	0.14	1725040.65	382831.80	39°32'49.2017"N	80°28'30.2329"W	2.08	3.735	0.22	0.11	-53.70
1215.00	0.370	308.010	1215.00	-2.40	2.46	-0.27	1725040.24	382832.18	39°32'49.2055"N	80°28'30.2381"W	2.47	353.783	0.12	0.10	-12.83
1315.00	0.390	304.970	1314.99	-2.95	2.85	-0.80	1725039.71	382832.57	39°32'49.2093"N	80°28'30.2450"W	2.96	344.309	0.03	0.02	-3.04
1415.00	0.420	306.150	1414.99	-3.54	3.26	-1.38	1725039.13	382832.98	39°32'49.2133"N	80°28'30.2524"W	3.54	337.135	0.03	0.03	1.18
1515.00	0.410	300.930	1514.99	-4.12	3.66	-1.98	1725038.53	382833.38	39°32'49.2172"N	80°28'30.2601"W	4.16	331.621	0.04	-0.01	-5.22
1615.00	0.420	306.710	1614.99	-4.71	4.07	-2.58	1725037.93	382833.79	39°32'49.2211"N	80°28'30.2679"W	4.81	327.607	0.04	0.01	5.78
1715.00	0.430	308.240	1714.98	-5.34	4.52	-3.17	1725037.34	382834.24	39°32'49.2255"N	80°28'30.2754"W	5.52	324.956	0.02	0.01	1.53
1815.00	0.430	298.600	1814.98	-5.95	4.93	-3.79	1725036.72	382834.65	39°32'49.2295"N	80°28'30.2835"W	6.22	322.426	0.07	0.00	-9.64
1915.00	0.460	306.270	1914.98	-6.57	5.35	-4.45	1725036.06	382835.07	39°32'49.2336"N	80°28'30.2919"W	6.95	320.256	0.07	0.03	7.67
2015.00	0.470	295.560	2014.97	-7.20	5.76	-5.14	1725035.37	382835.48	39°32'49.2376"N	80°28'30.3008"W	7.72	318.264	0.09	0.01	-10.71
2115.00	0.480	296.180	2114.97	-7.80	6.12	-5.88	1725034.63	382835.84	39°32'49.2411"N	80°28'30.3104"W	8.49	316.133	0.01	0.01	0.62
2215.00	0.490	293.040	2214.97	-8.40	6.47	-6.65	1725033.86	382836.19	39°32'49.2445"N	80°28'30.3202"W	9.28	314.215	0.03	0.01	-3.14
2315.00	0.410	289.950	2314.96	-8.92	6.76	-7.38	1725033.13	382836.48	39°32'49.2473"N	80°28'30.3296"W	10.01	312.490	0.08	-0.08	-3.09
2415.00	0.360	293.020	2414.96	-9.37	7.01	-8.01	1725032.50	382836.73	39°32'49.2496"N	80°28'30.3376"W	10.64	311.188	0.05	-0.05	3.07
2515.00	0.160	285.840	2514.96	-9.67	7.17	-8.43	1725032.08	382836.89	39°32'49.2511"N	80°28'30.3430"W	11.07	310.371	0.20	-0.20	-7.18
2615.00	0.170	250.860	2614.96	-9.76	7.16	-8.71	1725031.80	382836.88	39°32'49.2510"N	80°28'30.3465"W	11.27	309.427	0.10	0.01	-34.98
2715.00	0.220	290.570	2714.96	-9.89	7.18	-9.03	1725031.48	382836.90	39°32'49.2512"N	80°28'30.3506"W	11.53	308.490	0.14	0.05	39.71
2753.00	0.200	227.830	2752.96	-9.91	7.16	-9.14	1725031.37	382836.88	39°32'49.2510"N	80°28'30.3521"W	11.61	308.056	0.58	-0.05	-165.11

RECEIVED
Office of Oil and Gas
Aug 18 2025
Environmental Protection
Department of
Energy



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'

Page 3 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Vanderbilt 6H
Field	Marion	API	47-049-02536-0000
Facility	Vanderbilt Pad	Wellbore	Vanderbilt 6H AWB
Slot	Slot #06		

WELLPATH DATA (246 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]
2797.00	0.170	277.410	2796.96	-9.91	7.12	-9.27	1725031.24	382836.84	39°32'49.2505"N	80°28'30.3537"W	11.68	307.522	0.36	-0.07	112.68
2839.00	0.970	279.460	2838.96	-10.12	7.18	-9.68	1725030.83	382836.90	39°32'49.2511"N	80°28'30.3589"W	12.05	306.578	1.91	1.90	4.88
2883.00	1.500	290.750	2882.95	-10.69	7.45	-10.58	1725029.93	382837.17	39°32'49.2537"N	80°28'30.3705"W	12.94	305.131	1.32	1.20	25.66
2926.00	2.500	292.420	2925.92	-11.70	8.00	-11.98	1725028.53	382837.72	39°32'49.2590"N	80°28'30.3884"W	14.41	303.754	2.33	2.33	3.88
2968.00	3.730	299.770	2967.86	-13.37	9.03	-14.01	1725026.50	382838.75	39°32'49.2690"N	80°28'30.4145"W	16.67	302.809	3.07	2.93	17.50
3011.00	5.050	304.500	3010.73	-16.00	10.80	-16.78	1725023.73	382840.52	39°32'49.2861"N	80°28'30.4501"W	19.96	302.756	3.18	3.07	11.00
3054.00	6.360	303.630	3053.52	-19.48	13.19	-20.33	1725020.18	382842.91	39°32'49.3094"N	80°28'30.4957"W	24.23	302.978	3.05	3.05	-2.02
3096.00	7.680	305.650	3095.20	-23.70	16.11	-24.55	1725015.96	382845.83	39°32'49.3378"N	80°28'30.5499"W	29.36	303.285	3.20	3.14	4.81
3139.00	8.760	305.870	3137.76	-28.82	19.71	-29.53	1725010.98	382849.43	39°32'49.3728"N	80°28'30.6141"W	35.51	303.715	2.51	2.51	0.51
3183.00	9.800	307.490	3181.18	-34.78	23.95	-35.22	1725005.29	382853.67	39°32'49.4141"N	80°28'30.6873"W	42.59	304.216	2.44	2.36	3.68
3226.00	10.160	306.090	3223.53	-41.06	28.41	-41.19	1724999.32	382858.13	39°32'49.4576"N	80°28'30.7641"W	50.04	304.597	1.01	0.84	-3.26
3269.00	10.360	305.910	3265.84	-47.45	32.91	-47.38	1724993.13	382862.63	39°32'49.5014"N	80°28'30.8438"W	57.69	304.784	0.47	0.47	-0.42
3312.00	10.900	307.380	3308.11	-54.11	37.65	-53.75	1724986.76	382867.37	39°32'49.5475"N	80°28'30.9257"W	65.62	305.011	1.41	1.26	3.42
3354.00	11.210	308.260	3349.33	-60.97	42.59	-60.11	1724980.40	382872.31	39°32'49.5957"N	80°28'31.0076"W	73.67	305.318	0.84	0.74	2.10
3397.00	11.700	309.130	3391.47	-68.31	47.93	-66.77	1724973.74	382877.65	39°32'49.6477"N	80°28'31.0934"W	82.19	305.670	1.21	1.14	2.02
3440.00	12.210	308.980	3433.54	-75.99	53.54	-73.69	1724966.82	382883.26	39°32'49.7024"N	80°28'31.1825"W	91.09	306.001	1.19	1.19	-0.35
3482.00	12.950	308.100	3474.53	-83.84	59.24	-80.85	1724959.67	382888.96	39°32'49.7580"N	80°28'31.2746"W	100.22	306.231	1.82	1.76	-2.10
3524.00	13.660	307.740	3515.40	-92.07	65.18	-88.47	1724952.04	382894.90	39°32'49.8159"N	80°28'31.3728"W	109.89	306.379	1.70	1.69	-0.86
3567.00	14.770	307.740	3557.08	-101.06	71.64	-96.82	1724943.69	382901.36	39°32'49.8788"N	80°28'31.4803"W	120.44	306.499	2.58	2.58	0.00
3609.00	16.080	308.950	3597.57	-110.62	78.57	-105.58	1724934.93	382908.29	39°32'49.9454"N	80°28'31.5930"W	131.61	306.657	3.21	3.12	2.88
3652.00	17.180	309.070	3638.77	-121.23	86.32	-115.14	1724925.37	382916.04	39°32'50.0220"N	80°28'31.7161"W	143.90	306.859	2.56	2.56	0.28
3694.00	17.950	308.520	3678.81	-132.13	94.26	-125.02	1724915.49	382923.98	39°32'50.0994"N	80°28'31.8434"W	156.57	307.015	1.88	1.83	-1.31
3739.00	18.940	308.940	3721.50	-144.37	103.17	-136.13	1724904.38	382932.89	39°32'50.1862"N	80°28'31.9864"W	170.80	307.158	2.22	2.20	0.93
3782.00	19.820	308.970	3762.06	-156.66	112.14	-147.22	1724893.29	382941.86	39°32'50.2737"N	80°28'32.1293"W	185.07	307.297	2.05	2.05	0.07
3824.00	20.760	307.590	3801.46	-169.12	121.16	-158.66	1724881.85	382950.88	39°32'50.3616"N	80°28'32.2765"W	199.63	307.367	2.51	2.24	-3.29
3867.00	21.980	307.700	3841.50	-182.44	130.73	-171.06	1724869.45	382960.45	39°32'50.4549"N	80°28'32.4362"W	215.30	307.388	2.84	2.84	0.26
3910.00	22.750	306.540	3881.26	-196.26	140.60	-184.11	1724856.40	382970.32	39°32'50.5510"N	80°28'32.6041"W	231.66	307.368	2.06	1.79	-2.70
3953.00	23.380	306.620	3920.83	-210.41	150.64	-197.64	1724842.87	382980.36	39°32'50.6488"N	80°28'32.7782"W	248.50	307.315	1.47	1.47	0.19
3995.00	24.140	307.410	3959.27	-224.69	160.83	-211.15	1724829.36	382990.55	39°32'50.7480"N	80°28'32.9521"W	265.42	307.296	1.96	1.81	1.88
4080.00	25.040	307.750	4036.56	-254.72	182.40	-239.18	1724801.33	383012.12	39°32'50.8582"N	80°28'33.1129"W	300.79	307.330	1.07	1.06	0.40

RECEIVED
Office of Oil
and Gas
August 18
Environmental Protection
Unit



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'

Page 4 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Vanderbilt 6H
Field	Marion	API	47-049-02536-0000
Facility	Vanderbilt Pad	Wellbore	Vanderbilt 6H AWB
Slot	Slot #06		

WELLPATH DATA (246 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]
4167.00	24.230	306.360	4115.64	-285.34	204.26	-268.11	1724772.40	383033.98	39°32'51.1711"N	80°28'33.6853"W	337.05	307.301	1.14	-0.93	-1.60
4252.00	24.050	305.350	4193.21	-314.29	224.62	-296.29	1724744.23	383054.34	39°32'51.3694"N	80°28'34.0477"W	371.80	307.166	0.53	-0.21	-1.19
4339.00	24.350	304.790	4272.56	-343.72	245.11	-325.47	1724715.04	383074.83	39°32'51.5687"N	80°28'34.4232"W	407.45	306.983	0.43	0.34	-0.64
4424.00	24.860	306.040	4349.84	-373.05	265.62	-354.31	1724686.20	383095.34	39°32'51.7683"N	80°28'34.7942"W	442.82	306.858	0.86	0.60	1.47
4509.00	24.980	307.080	4426.93	-403.12	286.95	-383.08	1724657.43	383116.87	39°32'51.9761"N	80°28'35.1643"W	478.64	306.836	0.53	0.14	1.22
4594.00	24.590	307.310	4504.10	-433.25	308.49	-411.46	1724629.05	383138.21	39°32'52.1859"N	80°28'35.5297"W	514.27	306.861	0.47	-0.46	0.27
4681.00	23.920	306.620	4583.42	-463.39	329.99	-440.02	1724600.49	383159.71	39°32'52.3953"N	80°28'35.8972"W	550.01	306.868	0.84	-0.77	-0.79
4766.00	23.160	306.910	4661.35	-491.96	350.30	-467.21	1724573.30	383180.02	39°32'52.5932"N	80°28'36.2471"W	583.95	306.862	0.90	-0.89	0.34
4852.00	23.380	309.420	4740.35	-520.99	371.30	-493.92	1724546.59	383201.02	39°32'52.7978"N	80°28'36.5910"W	617.91	306.934	1.18	0.26	2.92
4937.00	23.770	311.500	4818.26	-550.72	393.36	-519.78	1724520.73	383223.08	39°32'53.0130"N	80°28'36.9241"W	651.84	307.118	1.08	0.46	2.45
5013.00	24.280	313.280	4887.67	-578.27	414.22	-542.63	1724497.89	383243.94	39°32'53.2168"N	80°28'37.2187"W	682.66	307.357	1.17	0.67	2.34
5141.00	24.570	309.770	5004.23	-625.01	449.29	-582.24	1724458.27	383279.01	39°32'53.5591"N	80°28'37.7293"W	735.43	307.656	1.16	0.23	-2.74
5228.00	24.870	309.160	5083.25	-656.52	472.41	-610.33	1724430.18	383302.13	39°32'53.7846"N	80°28'38.0910"W	771.80	307.741	0.45	0.34	-0.70
5312.00	25.790	309.000	5159.18	-687.52	495.06	-638.23	1724402.29	383324.78	39°32'54.0055"N	80°28'38.4503"W	807.73	307.800	1.10	1.10	-0.19
5398.00	26.180	307.380	5238.48	-719.72	518.36	-667.84	1724372.67	383348.07	39°32'54.2325"N	80°28'38.8316"W	845.40	307.817	0.94	0.45	-1.88
5482.00	25.400	305.680	5312.12	-750.40	540.11	-697.20	1724343.31	383369.83	39°32'54.4444"N	80°28'39.2094"W	881.94	307.765	1.28	-0.93	-2.02
5569.00	24.750	304.860	5390.92	-780.90	561.41	-727.30	1724313.21	383391.12	39°32'54.6516"N	80°28'39.5966"W	918.77	307.665	0.85	-0.75	-0.94
5654.00	24.110	303.490	5468.31	-809.59	581.16	-756.38	1724284.13	383410.87	39°32'54.8437"N	80°28'39.9706"W	953.86	307.537	1.01	-0.75	-1.61
5740.00	24.250	303.940	5546.76	-838.18	600.71	-785.68	1724254.83	383430.43	39°32'55.0338"N	80°28'40.3473"W	989.01	307.401	0.27	0.16	0.52
5826.00	24.880	305.420	5624.98	-867.54	621.05	-815.06	1724225.45	383450.77	39°32'55.2316"N	80°28'40.7253"W	1024.71	307.306	1.01	0.71	1.72
5912.00	24.130	304.600	5703.24	-896.94	641.51	-844.27	1724196.25	383471.22	39°32'55.4307"N	80°28'41.1009"W	1060.34	307.229	0.94	-0.85	-0.95
5999.00	23.520	304.790	5782.83	-925.81	661.51	-873.16	1724167.35	383491.23	39°32'55.6252"N	80°28'41.4725"W	1095.45	307.148	0.71	-0.70	0.22
6083.00	23.220	305.820	5859.94	-953.38	680.76	-900.35	1724140.10	383510.48	39°32'55.8126"N	80°28'41.8223"W	1128.75	307.093	0.60	-0.36	1.23
6170.00	24.090	307.470	5939.63	-982.72	701.60	-928.35	1724112.16	383531.32	39°32'56.0156"N	80°28'42.1826"W	1163.65	307.080	1.26	1.00	1.90
6256.00	24.470	308.040	6018.02	-1012.81	723.26	-956.31	1724084.20	383552.97	39°32'56.2265"N	80°28'42.5426"W	1199.01	307.100	0.52	0.44	0.66
6342.00	24.060	307.360	6096.42	-1042.86	744.87	-984.27	1724056.24	383574.59	39°32'56.4372"N	80°28'42.9025"W	1234.35	307.117	0.58	-0.48	-0.79
6427.00	23.300	305.720	6174.27	-1071.52	765.20	-1011.69	1724028.82	383594.92	39°32'56.6351"N	80°28'43.2554"W	1268.48	307.102	1.18	-0.89	-1.93
6511.00	22.840	306.500	6251.55	-1099.01	784.60	-1038.29	1724002.23	383614.31	39°32'56.8240"N	80°28'43.5976"W	1301.39	307.077	0.66	-0.55	0.93
6597.00	22.720	307.140	6330.84	-1127.05	804.55	-1064.94	1723975.57	383634.27	39°32'57.0183"N	80°28'43.9406"W	1334.69	307.071	0.32	-0.14	0.74
6682.00	23.130	307.010	6409.13	-1155.01	824.51	-1091.36	1723949.15	383654.23	39°32'57.2127"N	80°28'44.2806"W	1367.80	307.071	0.49	0.48	-0.15

WV Department of
Environmental Protection
AUG 18 2025
DATE RECEIVED
OFFICE OF OIL AND GAS



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'

Page 5 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Vanderbilt 6H
Field	Marion	API	47-049-02536-0000
Facility	Vanderbilt Pad	Wellbore	Vanderbilt 6H AWP
Slot	Slot #06		

WELLPATH DATA (246 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]
6769.00	24.850	307.460	6488.61	-1184.93	845.92	-1119.52	1723921.00	383675.63	39°32'57.4213"N	80°28'44.6431"W	1403.17	307.075	1.99	1.98	0.52
6854.00	25.860	305.320	6565.42	-1215.43	867.50	-1148.82	1723891.69	383697.22	39°32'57.6314"N	80°28'45.0202"W	1439.56	307.057	1.60	1.19	-2.52
6939.00	26.250	304.670	6641.78	-1246.21	888.91	-1179.41	1723861.11	383718.63	39°32'57.8397"N	80°28'45.4136"W	1476.87	307.005	0.57	0.46	-0.76
7024.00	27.270	305.060	6717.68	-1277.71	910.79	-1210.81	1723829.71	383740.51	39°32'58.0526"N	80°28'45.8175"W	1515.12	306.951	1.22	1.20	0.46
7142.00	27.810	305.610	6822.31	-1322.88	942.34	-1255.31	1723785.20	383772.06	39°32'58.3597"N	80°28'46.3900"W	1569.66	306.895	0.51	0.46	0.47
7222.00	28.950	305.010	6892.69	-1354.34	964.32	-1286.34	1723754.17	383794.04	39°32'58.5735"N	80°28'46.7892"W	1607.67	306.857	1.47	1.42	-0.75
7316.00	20.830	288.410	6977.99	-1383.69	982.70	-1320.93	1723719.58	383812.42	39°32'58.7515"N	80°28'47.2334"W	1646.38	306.647	11.32	-8.64	-17.66
7410.00	14.170	255.320	7067.81	-1395.42	985.07	-1348.02	1723692.50	383814.79	39°32'58.7720"N	80°28'47.5794"W	1669.59	306.158	12.47	-7.09	-35.20
7505.00	13.450	212.460	7160.29	-1389.94	972.77	-1365.24	1723675.27	383802.49	39°32'58.6485"N	80°28'47.7976"W	1676.35	305.471	10.56	-0.76	-45.12
7599.00	17.280	193.570	7250.97	-1371.78	949.95	-1374.39	1723666.12	383779.67	39°32'58.4220"N	80°28'47.9112"W	1670.74	304.652	6.66	4.07	-20.10
7694.00	22.730	185.260	7340.23	-1343.55	917.93	-1379.39	1723661.12	383747.65	39°32'58.1050"N	80°28'47.9706"W	1656.90	303.642	6.46	5.74	-8.75
7788.00	31.820	174.280	7423.74	-1303.13	875.07	-1378.57	1723661.94	383704.79	39°32'57.6815"N	80°28'47.9542"W	1632.86	302.406	11.02	9.67	-11.70
7883.00	40.810	163.220	7500.29	-1247.77	820.26	-1367.07	1723673.44	383649.98	39°32'57.1411"N	80°28'47.7997"W	1594.27	300.964	11.67	9.46	-11.62
7977.00	50.630	157.460	7565.87	-1180.61	757.11	-1344.21	1723696.30	383586.83	39°32'56.5194"N	80°28'47.4991"W	1542.76	299.390	11.32	10.45	-6.13
8072.00	57.900	158.750	7621.31	-1103.57	685.60	-1315.51	1723725.00	383515.32	39°32'55.8157"N	80°28'47.1228"W	1483.44	297.527	7.73	7.65	1.36
8167.00	62.980	158.920	7688.17	-1020.97	608.56	-1285.69	1723754.83	383438.28	39°32'55.0575"N	80°28'46.7313"W	1422.44	295.330	5.35	5.35	0.18
8262.00	72.080	158.700	7704.44	-933.28	526.80	-1253.98	1723786.53	383356.52	39°32'54.2528"N	80°28'46.3152"W	1360.14	292.767	9.58	9.58	-0.23
8356.00	81.390	158.540	7725.98	-841.90	441.70	-1220.66	1723819.85	383271.41	39°32'53.4154"N	80°28'45.8780"W	1298.12	289.893	9.91	9.90	-0.17
8451.00	88.130	155.870	7734.65	-747.43	354.54	-1184.02	1723856.49	383184.26	39°32'52.5580"N	80°28'45.3982"W	1235.97	286.670	7.63	7.09	-2.81
8546.00	87.860	155.660	7737.98	-652.69	267.97	-1145.05	1723895.46	383097.69	39°32'51.7065"N	80°28'44.8887"W	1175.99	283.172	0.36	-0.28	-0.22
8640.00	87.790	155.340	7741.55	-558.98	182.50	-1106.10	1723934.41	383012.21	39°32'50.8659"N	80°28'44.3795"W	1121.05	279.369	0.35	-0.07	-0.34
8735.00	88.840	155.180	7744.34	-464.28	96.25	-1066.36	1723974.15	382925.97	39°32'50.0179"N	80°28'43.8602"W	1070.70	275.156	1.12	1.11	-0.17
8829.00	88.750	154.180	7746.32	-370.63	11.30	-1026.17	1724014.34	382841.02	39°32'49.1826"N	80°28'43.3353"W	1026.23	270.631	1.07	-0.10	-1.06
8923.00	88.810	150.230	7748.32	-277.42	-71.82	-982.35	1724058.16	382757.90	39°32'48.3659"N	80°28'42.7645"W	984.98	265.819	4.20	0.06	-4.20
9017.00	88.890	150.830	7749.38	-184.57	-153.65	-936.11	1724104.40	382676.07	39°32'47.5621"N	80°28'42.1628"W	948.64	260.679	1.31	1.15	0.64
9112.00	89.790	147.670	7749.65	-91.08	-235.28	-887.55	1724152.97	382594.44	39°32'46.7605"N	80°28'41.5315"W	918.20	255.153	3.33	-0.11	-3.33
9206.00	89.670	146.390	7750.09	0.71	-314.14	-836.39	1724204.12	382515.58	39°32'45.9866"N	80°28'40.8676"W	893.44	249.414	1.37	-0.13	-1.36
9300.00	89.950	145.020	7750.40	92.01	-391.79	-783.43	1724257.08	382437.93	39°32'45.2248"N	80°28'40.1807"W	875.94	243.430	1.49	0.30	-1.46
9394.00	89.390	141.680	7750.95	182.31	-467.20	-727.33	1724313.18	382362.52	39°32'44.4856"N	80°28'39.4541"W	864.45	237.285	3.60	-0.60	-3.55
9489.00	89.730	144.930	7751.68	273.40	-543.06	-670.17	1724370.34	382286.66	39°32'43.7420"N	80°28'38.7139"W	862.58	230.981	2.81	0.36	2.79

RECEIVED
OFFICE OF OIL AND GAS
AUG 18 2025
EQT Department of
Environmental Protection



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'

Page 6 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Vanderbilt 6H
Field	Marion	API	47-049-02536-0000
Facility	Vanderbilt Pad	Wellbore	Vanderbilt 6H AWB
Slot	Slot #06		

WELLPATH DATA (246 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]
9583.00	89.640	148.540	7752.19	364.96	-621.37	-618.21	1724422.30	382208.35	39°32'42.9736"N	80°28'38.0398"W	876.52	224.854	4.48	-0.10	4.48
9676.00	89.670	153.030	7752.75	456.87	-702.52	-572.83	1724467.68	382127.20	39°32'42.1765"N	80°28'37.4492"W	906.46	219.194	4.83	0.03	4.83
9770.00	89.640	157.410	7753.32	550.59	-787.84	-533.44	1724507.07	382041.88	39°32'41.3375"N	80°28'36.9346"W	951.45	214.102	4.66	-0.03	4.66
9864.00	89.730	161.050	7753.84	644.57	-875.72	-500.11	1724540.40	381954.00	39°32'40.4725"N	80°28'36.4970"W	1008.46	209.730	3.87	0.10	3.87
9959.00	90.010	163.090	7754.05	739.47	-966.10	-470.87	1724569.64	381863.62	39°32'39.5824"N	80°28'36.1111"W	1074.74	205.984	2.17	0.29	2.15
10053.00	90.010	162.890	7754.04	833.29	-1055.99	-443.37	1724597.14	381773.74	39°32'38.6970"N	80°28'35.7476"W	1145.29	202.776	0.21	0.00	-0.21
10147.00	89.940	164.080	7754.08	927.06	-1146.11	-416.65	1724623.86	381683.62	39°32'37.8092"N	80°28'35.3940"W	1219.49	199.978	1.27	-0.07	1.27
10242.00	90.070	164.710	7754.07	1021.71	-1237.60	-391.10	1724649.42	381592.12	39°32'36.9076"N	80°28'35.0551"W	1297.93	197.537	0.68	0.14	0.66
10336.00	90.190	161.840	7753.86	1115.49	-1327.62	-364.05	1724676.46	381502.10	39°32'36.0209"N	80°28'34.6974"W	1376.63	195.334	3.06	0.13	-3.05
10430.00	90.620	161.360	7753.19	1209.42	-1416.81	-334.38	1724706.13	381412.91	39°32'35.1426"N	80°28'34.3063"W	1455.73	193.279	0.89	0.46	-0.51
10525.00	90.220	159.950	7752.49	1304.39	-1506.44	-302.91	1724737.60	381323.28	39°32'34.2601"N	80°28'33.8922"W	1536.59	191.369	1.54	-0.42	-1.48
10619.00	89.360	160.420	7752.84	1398.38	-1594.87	-271.05	1724769.46	381234.85	39°32'33.3895"N	80°28'33.4732"W	1617.74	189.645	1.04	-0.91	0.50
10713.00	89.640	160.360	7753.66	1492.37	-1683.42	-239.50	1724801.01	381146.31	39°32'32.5178"N	80°28'33.0582"W	1700.37	188.097	0.30	0.30	-0.06
10806.00	89.540	156.710	7754.32	1585.34	-1769.95	-205.47	1724835.04	381059.77	39°32'31.6662"N	80°28'32.6119"W	1781.84	186.622	3.93	-0.11	-3.92
10900.00	89.540	154.700	7755.08	1679.13	-1855.62	-166.80	1724873.71	380974.10	39°32'30.8237"N	80°28'32.1064"W	1863.10	185.137	2.14	0.00	-2.14
10994.00	89.390	154.890	7755.96	1772.81	-1940.67	-126.77	1724913.74	380889.06	39°32'29.9875"N	80°28'31.5837"W	1944.80	183.738	0.26	-0.16	0.20
11088.00	89.510	154.750	7756.86	1866.50	-2025.73	-86.78	1724953.73	380803.99	39°32'29.1510"N	80°28'31.0614"W	2027.59	182.453	0.20	0.13	-0.15
11182.00	89.730	154.850	7757.48	1960.19	-2110.78	-46.76	1724993.75	380718.94	39°32'28.3147"N	80°28'30.5388"W	2111.30	181.269	0.26	0.23	0.11
11275.00	90.070	154.790	7757.65	2052.88	-2194.94	-7.19	1725033.32	380634.78	39°32'27.4872"N	80°28'30.0221"W	2194.96	180.188	0.37	0.37	-0.06
11369.00	89.980	155.020	7757.60	2146.59	-2280.07	32.68	1725073.19	380549.65	39°32'26.6501"N	80°28'29.5014"W	2280.30	179.179	0.26	-0.10	0.24
11463.00	90.070	154.790	7757.56	2240.29	-2365.20	72.54	1725113.05	380464.53	39°32'25.8131"N	80°28'28.9807"W	2366.31	178.243	0.26	0.10	-0.24
11557.00	90.220	154.970	7757.33	2333.99	-2450.31	112.45	1725152.96	380379.42	39°32'24.9762"N	80°28'28.4596"W	2452.89	177.372	0.25	0.16	0.19
11650.00	90.040	154.610	7757.11	2426.68	-2534.45	152.06	1725192.57	380295.28	39°32'24.1488"N	80°28'27.9424"W	2539.01	176.567	0.43	-0.19	-0.39
11745.00	89.480	153.930	7757.51	2521.29	-2620.03	193.30	1725233.81	380209.70	39°32'23.3075"N	80°28'27.4041"W	2627.15	175.780	0.93	-0.59	-0.72
11838.00	91.510	154.840	7756.71	2613.91	-2703.88	233.50	1725274.01	380125.85	39°32'22.4830"N	80°28'26.8794"W	2713.94	175.064	2.39	2.18	0.98
11933.00	89.020	154.680	7756.27	2708.59	-2789.80	274.01	1725314.52	380039.92	39°32'21.6382"N	80°28'26.3505"W	2803.23	174.391	2.63	-2.62	-0.17
12027.00	89.330	155.200	7757.62	2802.28	-2874.94	313.82	1725354.33	379954.78	39°32'20.8010"N	80°28'25.8305"W	2892.02	173.770	0.64	0.33	0.55
12120.00	90.010	155.290	7758.16	2895.03	-2959.40	352.76	1725393.27	379870.33	39°32'19.9705"N	80°28'25.3218"W	2980.35	173.202	0.74	0.73	0.10
12214.00	88.680	154.710	7759.23	2988.74	-3044.58	392.48	1725432.99	379785.15	39°32'19.1328"N	80°28'24.8030"W	3069.77	172.654	1.54	-1.41	-0.62
12308.00	89.170	155.050	7761.00	3082.42	-3129.67	432.38	1725472.89	379700.05	39°32'18.2961"N	80°28'24.2820"W	3159.40	172.134	0.63	0.52	0.36

APPROVED
DATE 10/18/2025
BY [Signature]
EQT PRODUCTION COMPANY



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'

Page 7 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator:	EQT PRODUCTION COMPANY	Well:	Vanderbilt 6H
Field:	Marion	API:	47-049-02536-0000
Facility:	Vanderbilt Pad	Wellbore:	Vanderbilt 6H AWB
Slot:	Slot #06		

WELLPATH DATA (246 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]
12402.00	88.590	153.620	7762.83	3176.02	-3214.38	473.08	1725513.59	379615.34	39°32'17.4633"N	80°28'23.7508"W	3249.01	171.627	1.64	-0.62	-1.52
12496.00	89.420	154.970	7764.47	3269.62	-3299.06	513.85	1725554.36	379530.66	39°32'16.6307"N	80°28'23.2187"W	3338.84	171.147	1.69	0.88	1.44
12590.00	89.300	154.990	7765.52	3363.33	-3384.24	553.60	1725594.11	379445.49	39°32'15.7931"N	80°28'22.6996"W	3429.22	170.710	0.13	-0.13	0.02
12684.00	89.450	155.160	7766.54	3457.05	-3469.48	593.21	1725633.72	379360.25	39°32'14.9549"N	80°28'22.1822"W	3519.83	170.297	0.24	0.16	0.18
12778.00	89.510	154.980	7767.40	3550.77	-3554.72	632.83	1725673.34	379275.01	39°32'14.1167"N	80°28'21.6647"W	3610.61	169.906	0.20	0.06	-0.19
12872.00	89.420	154.760	7768.27	3644.46	-3639.81	672.75	1725713.26	379189.91	39°32'13.2800"N	80°28'21.1435"W	3701.47	169.528	0.25	-0.10	-0.23
12966.00	89.420	154.520	7769.22	3738.13	-3724.75	713.01	1725753.52	379104.98	39°32'12.4448"N	80°28'20.6179"W	3792.38	169.163	0.26	0.00	-0.26
13060.00	89.330	154.600	7770.25	3831.78	-3809.63	753.39	1725793.90	379020.10	39°32'11.6102"N	80°28'20.0908"W	3883.41	168.814	0.13	-0.10	0.09
13154.00	89.330	154.790	7771.35	3925.45	-3894.61	793.56	1725834.07	378935.12	39°32'10.7747"N	80°28'19.5663"W	3974.63	168.483	0.20	0.00	0.20
13247.00	89.850	155.080	7772.01	4018.15	-3978.86	832.96	1725873.47	378850.88	39°32'9.9463"N	80°28'19.0518"W	4065.10	168.176	0.64	0.86	0.31
13341.00	89.820	154.840	7772.29	4111.86	-4064.01	872.75	1725913.25	378765.72	39°32'9.1089"N	80°28'18.5323"W	4156.67	167.880	0.26	-0.03	-0.26
13435.00	89.790	154.770	7772.60	4205.55	-4149.07	912.76	1725953.27	378680.66	39°32'8.2725"N	80°28'18.0098"W	4248.28	167.593	0.08	-0.03	-0.07
13529.00	89.600	154.850	7773.11	4299.24	-4234.13	952.77	1725993.28	378595.60	39°32'7.4361"N	80°28'17.4874"W	4340.00	167.318	0.22	-0.20	0.09
13623.00	89.760	154.890	7773.63	4392.94	-4319.23	992.69	1726033.20	378510.50	39°32'6.5993"N	80°28'16.9662"W	4431.84	167.056	0.18	0.17	0.04
13718.00	89.700	154.810	7774.08	4487.63	-4405.22	1033.06	1726073.57	378424.51	39°32'5.7537"N	80°28'16.4390"W	4524.73	166.802	0.11	-0.06	-0.08
13812.00	89.730	154.730	7774.55	4581.32	-4490.25	1073.13	1726113.64	378339.48	39°32'4.9176"N	80°28'15.9159"W	4616.71	166.559	0.09	0.03	-0.09
13906.00	89.780	154.910	7774.96	4675.01	-4575.32	1113.12	1726153.63	378254.41	39°32'4.0812"N	80°28'15.3937"W	4708.78	166.326	0.19	0.03	0.19
13999.00	89.880	155.020	7775.26	4767.72	-4659.58	1152.48	1726192.98	378170.15	39°32'3.2526"N	80°28'14.8798"W	4799.99	166.108	0.18	0.13	0.12
14093.00	90.070	154.870	7775.30	4861.43	-4744.74	1192.28	1726232.79	378084.99	39°32'2.4152"N	80°28'14.3600"W	4892.25	165.894	0.26	0.20	-0.16
14188.00	90.320	155.680	7774.97	4956.17	-4831.03	1232.02	1726272.53	377998.70	39°32'1.5666"N	80°28'13.8410"W	4985.65	165.693	0.89	0.28	0.85
14282.00	89.890	155.740	7774.80	5049.97	-4916.70	1270.69	1726311.19	377913.03	39°32'0.7240"N	80°28'13.3357"W	5078.25	165.509	0.46	-0.46	0.06
14376.00	89.640	155.360	7775.19	5143.75	-5002.27	1309.59	1726350.10	377827.46	39°31'59.8824"N	80°28'12.8273"W	5170.86	165.329	0.48	-0.27	-0.40
14469.00	89.860	155.290	7775.59	5236.51	-5086.78	1348.42	1726388.92	377742.95	39°31'59.0514"N	80°28'12.3202"W	5262.47	165.153	0.25	0.24	-0.08
14563.00	89.800	155.090	7775.87	5330.25	-5172.10	1387.86	1726428.37	377657.63	39°31'58.2123"N	80°28'11.8050"W	5355.07	164.979	0.22	-0.06	-0.21
14657.00	89.740	155.500	7776.25	5424.00	-5257.50	1427.15	1726467.65	377572.23	39°31'57.3725"N	80°28'11.2918"W	5447.76	164.813	0.44	-0.06	0.44
14751.00	89.950	155.230	7776.50	5517.76	-5342.94	1466.33	1726506.84	377486.79	39°31'56.5322"N	80°28'10.7800"W	5540.50	164.653	0.36	0.22	-0.29
14844.00	89.860	155.460	7776.66	5610.52	-5427.47	1505.12	1726545.63	377402.27	39°31'55.7010"N	80°28'10.2732"W	5632.30	164.500	0.27	-0.10	0.25
14938.00	89.830	155.020	7776.91	5704.26	-5512.82	1544.49	1726585.00	377316.91	39°31'54.8616"N	80°28'9.7590"W	5725.09	164.349	0.47	-0.03	-0.47
15033.00	90.010	155.400	7777.04	5799.00	-5599.07	1584.33	1726624.83	377230.66	39°31'54.0134"N	80°28'9.2388"W	5818.91	164.200	0.44	0.19	0.40
15127.00	89.640	155.310	7777.33	5892.76	-5684.51	1623.52	1726664.03	377145.23	39°31'53.1732"N	80°28'8.7267"W	5911.81	164.060	0.41	-0.39	-0.10

RECEIVED
Office of Oil and Gas
Aug 18 2025
WV Department of
Environmental Protection



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'
Page 8 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Vanderbilt 6H
Field	Marion	API	47-049-02536-0000
Facility	Vanderbilt Pad	Wellbore	Vanderbilt 6H AWB
Slot	Slot #06		

WELLPATH DATA (246 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)
15220.00	89.980	155.320	7777.64	5985.52	-5769.01	1662.36	1726702.87	377060.72	39°31'52.3422"N	80°28'8.2194"W	6003.74	163.925	0.37	0.37	0.01
15314.00	89.950	155.460	7777.70	6079.28	-5854.47	1701.51	1726742.01	376975.26	39°31'51.5017"N	80°28'7.7081"W	6096.71	163.794	0.15	-0.03	0.15
15409.00	89.370	154.120	7778.26	6173.96	-5940.42	1741.97	1726782.48	376889.32	39°31'50.6566"N	80°28'7.1799"W	6190.56	163.657	1.54	-0.61	-1.41
15503.00	89.800	155.100	7778.94	6267.62	-6025.33	1782.27	1726822.78	376804.40	39°31'49.8216"N	80°28'6.6538"W	6283.40	163.522	1.14	0.46	1.04
15598.00	89.860	155.450	7779.22	6362.36	-6111.62	1822.01	1726862.51	376718.11	39°31'48.9730"N	80°28'6.1348"W	6377.43	163.400	0.37	0.06	0.37
15692.00	89.730	155.470	7779.56	6456.13	-6197.13	1861.05	1726901.55	376632.60	39°31'48.1321"N	80°28'5.6248"W	6470.54	163.285	0.14	-0.14	0.02
15786.00	89.890	155.060	7779.87	6549.88	-6282.51	1900.38	1726940.89	376547.23	39°31'47.2925"N	80°28'5.1111"W	6563.64	163.170	0.47	0.17	-0.44
15880.00	89.860	154.550	7780.08	6643.57	-6367.56	1940.40	1726980.90	376462.17	39°31'46.4561"N	80°28'4.5887"W	6656.65	163.052	0.54	-0.03	-0.54
15973.00	89.950	155.210	7780.23	6736.27	-6451.77	1979.88	1727020.38	376377.97	39°31'45.6281"N	80°28'4.0733"W	6748.72	162.940	0.72	0.10	0.71
16067.00	89.760	154.560	7780.47	6829.97	-6536.88	2019.77	1727060.28	376292.85	39°31'44.7912"N	80°28'3.5524"W	6841.80	162.830	0.72	-0.20	-0.69
16161.00	89.830	155.360	7780.81	6923.68	-6622.04	2059.56	1727100.06	376207.69	39°31'43.9537"N	80°28'3.0330"W	6934.93	162.724	0.85	0.07	0.85
16256.00	90.070	155.720	7780.89	7018.46	-6708.52	2098.89	1727139.40	376121.22	39°31'43.1032"N	80°28'2.5191"W	7029.19	162.627	0.46	0.25	0.38
16349.00	90.040	155.540	7780.80	7111.25	-6793.23	2137.27	1727177.77	376036.50	39°31'42.2701"N	80°28'2.0177"W	7121.51	162.536	0.20	-0.03	-0.19
16444.00	89.700	155.380	7781.01	7206.02	-6879.65	2176.72	1727217.23	375950.08	39°31'41.4202"N	80°28'1.5023"W	7215.79	162.443	0.40	-0.36	-0.17
16539.00	89.730	155.570	7781.49	7300.70	-6966.08	2216.16	1727256.66	375863.66	39°31'40.5702"N	80°28'0.9872"W	7310.10	162.352	0.20	0.03	0.20
16633.00	89.700	154.720	7781.95	7394.52	-7051.37	2255.67	1727296.17	375778.37	39°31'39.7314"N	80°28'0.4713"W	7403.37	162.261	0.90	-0.03	-0.90
16727.00	89.730	155.400	7782.42	7488.24	-7136.60	2295.30	1727335.81	375693.13	39°31'38.8932"N	80°27'59.9538"W	7496.63	162.171	0.72	0.03	0.72
16821.00	89.920	155.350	7782.71	7582.00	-7222.05	2334.47	1727374.97	375607.68	39°31'38.0529"N	80°27'59.4422"W	7589.98	162.087	0.21	0.20	-0.05
16915.00	89.950	155.330	7782.82	7675.76	-7307.48	2373.69	1727414.19	375522.26	39°31'37.2127"N	80°27'58.9299"W	7683.34	162.005	0.04	0.03	-0.02
17010.00	89.920	155.250	7782.92	7770.51	-7393.78	2413.40	1727453.91	375435.95	39°31'36.3640"N	80°27'58.4113"W	7777.69	161.923	0.09	-0.03	-0.08
17104.00	89.700	155.410	7783.24	7864.26	-7479.20	2452.64	1727493.14	375350.53	39°31'35.5239"N	80°27'57.8989"W	7871.08	161.844	0.29	-0.23	0.17
17198.00	90.070	155.510	7783.42	7958.03	-7564.71	2491.68	1727532.18	375265.03	39°31'34.6830"N	80°27'57.3889"W	7964.50	161.769	0.41	0.39	0.11
17292.00	89.770	155.130	7783.56	8051.79	-7650.12	2530.93	1727571.43	375179.61	39°31'33.8430"N	80°27'56.8763"W	8057.91	161.694	0.52	-0.32	-0.40
17386.00	89.650	155.100	7784.03	8145.52	-7735.39	2570.48	1727610.99	375094.34	39°31'33.0044"N	80°27'56.3598"W	8151.30	161.618	0.13	-0.13	-0.03
17481.00	89.990	155.210	7784.33	8240.25	-7821.60	2610.40	1727650.90	375008.13	39°31'32.1567"N	80°27'55.8386"W	8245.70	161.544	0.38	0.36	0.12
17575.00	89.920	155.010	7784.40	8333.98	-7906.87	2649.96	1727690.46	374922.87	39°31'31.3181"N	80°27'55.3221"W	8339.12	161.472	0.23	-0.07	-0.21
17669.00	89.950	155.450	7784.51	8427.72	-7992.22	2689.34	1727729.85	374837.51	39°31'30.4788"N	80°27'54.8078"W	8432.57	161.402	0.47	0.03	0.47
17764.00	90.200	155.460	7784.39	8522.49	-8078.64	2728.81	1727769.31	374751.10	39°31'29.6289"N	80°27'54.2923"W	8527.06	161.336	0.26	0.26	0.01
17858.00	90.080	155.230	7784.16	8616.25	-8164.07	2768.02	1727808.52	374665.67	39°31'28.7887"N	80°27'53.7802"W	8620.55	161.271	0.28	-0.13	-0.24
17952.00	89.950	155.260	7784.13	8709.99	-8249.43	2807.38	1727847.88	374580.31	39°31'27.9492"N	80°27'53.2662"W	8714.04	161.206	0.14	-0.14	0.03

RECEIVED
Office of Oil and Gas
Aug 18 2025
Environmental Protection
WV Department of



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'

Page 9 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Vanderbilt 6H
Field	Marion	API	47-049-02536-0000
Facility	Vanderbilt Pad	Wellbore	Vanderbilt 6H AWB
Slot	Slot #06		

WELLPATH DATA (246 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]
18046.00	90.260	155.370	7783.96	8803.75	-8334.84	2846.64	1727887.14	374494.90	39°31'27.1093"N	80°27'52.7535"W	8807.55	161.143	0.35	0.33	0.12
18140.00	90.260	155.370	7783.53	8897.51	-8420.29	2885.81	1727926.32	374409.45	39°31'26.2689"N	80°27'52.2419"W	8901.07	161.082	0.00	0.00	0.00
18233.00	90.290	155.110	7783.09	8990.25	-8504.73	2924.76	1727965.26	374325.00	39°31'25.4384"N	80°27'51.7333"W	8993.59	161.022	0.28	0.03	-0.28
18328.00	90.080	154.950	7782.78	9084.97	-8590.85	2964.86	1728005.37	374238.88	39°31'24.5915"N	80°27'51.2097"W	9088.08	160.959	0.28	-0.22	-0.17
18422.00	90.140	155.340	7782.60	9178.70	-8676.15	3004.37	1728044.88	374153.59	39°31'23.7527"N	80°27'50.6939"W	9181.60	160.900	0.42	0.06	0.41
18516.00	90.110	155.140	7782.39	9272.45	-8761.51	3043.74	1728084.25	374068.23	39°31'22.9133"N	80°27'50.1798"W	9275.15	160.843	0.22	-0.03	-0.21
18610.00	90.200	154.980	7782.14	9366.17	-8846.74	3083.38	1728123.88	373983.00	39°31'22.0751"N	80°27'49.6623"W	9368.67	160.785	0.20	0.10	-0.17
18704.00	90.290	155.750	7781.74	9459.93	-8932.18	3122.56	1728163.07	373897.56	39°31'21.2348"N	80°27'49.1506"W	9462.26	160.731	0.82	0.10	0.82
18797.00	90.050	154.250	7781.46	9552.64	-9016.47	3161.86	1728202.37	373813.27	39°31'20.4059"N	80°27'48.6376"W	9554.79	160.675	1.63	-0.26	-1.61
18892.00	89.680	155.250	7781.69	9647.32	-9102.39	3202.39	1728242.89	373727.35	39°31'19.5610"N	80°27'48.1087"W	9649.29	160.617	1.12	-0.38	1.05
18986.00	89.800	155.020	7782.11	9741.05	-9187.67	3241.91	1728282.42	373642.06	39°31'18.7223"N	80°27'47.5927"W	9742.86	160.564	0.28	0.13	-0.24
19080.00	89.650	154.780	7782.56	9834.75	-9272.80	3281.79	1728322.29	373556.94	39°31'17.8853"N	80°27'47.0722"W	9836.41	160.510	0.30	-0.16	-0.26
19174.00	89.430	155.000	7783.32	9928.45	-9357.91	3321.67	1728362.18	373471.83	39°31'17.0463"N	80°27'46.5515"W	9929.95	160.457	0.33	-0.23	0.23
19268.00	89.800	154.750	7783.95	10022.15	-9443.01	3361.59	1728402.09	373386.73	39°31'16.2114"N	80°27'46.0306"W	10023.51	160.405	0.48	0.39	-0.27
19362.00	89.490	154.590	7784.53	10115.82	-9527.97	3401.80	1728442.30	373301.76	39°31'15.3760"N	80°27'45.5058"W	10117.04	160.352	0.37	-0.33	-0.17
19456.00	89.620	155.060	7785.26	10209.51	-9613.04	3441.79	1728482.29	373216.70	39°31'14.5394"N	80°27'44.9840"W	10210.61	160.301	0.52	0.14	0.50
19550.00	88.660	155.040	7786.67	10303.22	-9698.26	3481.43	1728521.94	373131.48	39°31'13.7014"N	80°27'44.4664"W	10304.20	160.253	1.02	-1.02	-0.02
19644.00	89.650	155.290	7788.06	10396.94	-9783.56	3520.91	1728561.41	373046.18	39°31'12.8626"N	80°27'43.9510"W	10397.83	160.207	1.09	1.05	0.27
19738.00	89.520	155.470	7788.74	10490.70	-9869.01	3560.07	1728600.57	372960.73	39°31'12.0222"N	80°27'43.4397"W	10491.49	160.164	0.24	-0.14	0.19
19832.00	90.230	155.740	7788.95	10584.49	-9954.62	3598.89	1728639.39	372875.12	39°31'11.1802"N	80°27'42.9325"W	10585.20	160.124	0.81	0.76	0.29
19927.00	90.230	155.360	7788.56	10679.26	-10041.10	3638.21	1728678.71	372788.64	39°31'10.3296"N	80°27'42.4190"W	10679.90	160.083	0.40	0.00	-0.40
20020.00	89.960	154.920	7788.41	10772.00	-10125.48	3677.31	1728717.81	372704.26	39°31'9.4998"N	80°27'41.9086"W	10772.55	160.040	0.56	-0.29	-0.47
20114.00	90.020	154.570	7788.43	10865.68	-10210.49	3717.41	1728757.92	372619.25	39°31'8.6638"N	80°27'41.3852"W	10866.15	159.995	0.38	0.06	-0.37
20207.00	89.620	154.000	7788.72	10958.30	-10294.28	3757.77	1728798.27	372535.46	39°31'7.8400"N	80°27'40.8589"W	10958.70	159.946	0.75	-0.43	-0.61
20301.00	90.200	155.480	7788.87	11051.98	-10379.29	3797.88	1728838.38	372450.45	39°31'7.0040"N	80°27'40.3354"W	11052.31	159.902	1.69	0.62	1.57
20395.00	89.740	155.170	7788.92	11145.73	-10464.71	3837.12	1728877.62	372365.03	39°31'6.1640"N	80°27'39.8230"W	11146.01	159.863	0.59	-0.49	-0.33
20489.00	89.830	154.840	7789.27	11239.45	-10549.90	3876.84	1728917.34	372278.84	39°31'5.3262"N	80°27'39.3046"W	11239.68	159.823	0.36	0.10	-0.35
20584.00	89.960	154.600	7789.44	11334.12	-10635.80	3917.41	1728957.91	372193.94	39°31'4.4815"N	80°27'38.7752"W	11334.30	159.780	0.29	0.14	-0.25
20678.00	89.800	153.980	7789.64	11427.74	-10720.50	3958.18	1728998.69	372109.24	39°31'3.6487"N	80°27'38.2433"W	11427.87	159.735	0.68	-0.17	-0.66
20773.00	89.890	156.240	7789.90	11522.46	-10806.67	3998.16	1729038.67	372023.07	39°31'2.8013"N	80°27'37.7214"W	11522.56	159.697	2.38	0.09	2.38

RECEIVED
COLUMBIA GAS
ALL 18 2025
WV Department of
Environmental Protection



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'

Page 10 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Vanderbilt 6H
Field	Marion	API	47-049-02536-0000
Facility	Vanderbilt Pad	Wellbore	Vanderbilt 6H AWB
Slot	Slot #06		

WELLPATH DATA (246 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]
20868.00	90.260	157.480	7789.77	11617.36	-10894.02	4035.50	1729076.00	371935.72	39°31'1.9419"N	80°27'37.2332"W	11617.44	159.674	1.36	0.39	1.31
20962.00	90.020	158.280	7789.54	11711.32	-10981.10	4070.89	1729111.39	371848.64	39°31'1.0850"N	80°27'36.7696"W	11711.40	159.659	0.89	-0.26	0.85
21057.00	89.890	155.750	7789.62	11806.23	-11068.55	4107.99	1729148.49	371761.19	39°31'0.2246"N	80°27'36.2844"W	11806.29	159.638	2.67	-0.14	-2.66
21151.00	89.800	155.140	7789.87	11900.00	-11154.05	4147.05	1729187.55	371675.69	39°30'59.3837"N	80°27'35.7743"W	11900.04	159.605	0.66	-0.10	-0.65
21204.00	89.990	154.650	7789.97	11952.83	-11202.04	4169.53	1729210.04	371627.70	39°30'58.9118"N	80°27'35.4808"W	11952.86	159.584	0.99	0.36	-0.92
21229.00†	89.990	154.650	7789.97	11977.74	-11224.64	4180.24	1729220.74	371605.10	39°30'58.6896"N	80°27'35.3412"W	11977.77	159.574	0.00	0.00	0.00

HOLE & CASING SECTIONS - Ref Wellbore: Vanderbilt 6H AWB Ref Wellpath: Vanderbilt 6H AWP Proj: 21229'

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	1262.00	1234.00	28.00	1261.99	0.00	0.00	2.64	-0.51
13.375in Casing Surface	28.00	1262.00	1234.00	28.00	1261.99	0.00	0.00	2.64	-0.51
12.25in Open Hole	1262.00	2713.00	1451.00	1261.99	2712.96	2.64	-0.51	7.18	-9.02
9.625in Casing Intermediate	28.00	2713.00	2685.00	28.00	2712.96	0.00	0.00	7.18	-9.02
8.75in Open Hole	2713.00	7223.00	4510.00	2712.96	6893.57	7.18	-9.02	964.60	-1286.74
8.5in Open Hole	7223.00	21229.00	14006.00	6893.57	7789.97	964.60	-1286.74	-11224.64	4180.24
5.5in Casing Production	28.00	21229.00	21201.00	28.00	7789.97	0.00	0.00	-11224.64	4180.24

RECEIVED
Office of Oil and Gas
AUG 18 2015
WV Department of
Environmental Protection



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'

Page 11 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Vanderbilt 6H
Field	Marion	API	47-049-02536-0000
Facility	Vanderbilt Pad	Wellbore	Vanderbilt 6H AWB
Slot	Slot #06		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Vanderbilt 6H LP Rev-2	7727.00	341.47	-1187.71	1723852.80	383171.19	39°32'52.4283"N	80°28'45.4434"W	point
Vanderbilt 6H BHL Rev-2	7838.53	-11216.30	4202.29	1729242.79	371613.44	39°30'58.7743"N	80°27'35.0610"W	point

WELLPATH COMPOSITION - Ref Wellbore: Vanderbilt 6H AWB Ref Wellpath: Vanderbilt 6H AWP Proj: 21229'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
28.00	2715.00	Gyrodata 2015 - CT+WIR+DPIPE	01 Gyrodata Cont. Gyro <12-1/4"> (100'-2700')	Vanderbilt 6H AWB	12/26/2024
2715.00	7142.00	OWSG MWD rev2 + HRGM	02 SDI MWD <8-3/4"> (2700')(2738'-7127')	Vanderbilt 6H AWB	12/26/2024
7142.00	21229.00	OWSG MWD rev2 + IFR1 + Sag + Multi-Station Correction	03 BH Lucida+SuperiorQC IFR1+Sag+FOIR <8-1/2"> (7142')(7222'-21204')	Vanderbilt 6H AWB	1/12/2025

RECEIVED
Office of Oil and Gas
AUG 18 2025
NY Department of
Environmental Protection



Actual Wellpath Report

Vanderbilt 6H AWP Proj: 21229'

Page 12 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Vanderbilt 6H
Field	Marion	API	47-049-02536-0000
Facility	Vanderbilt Pad	Wellbore	Vanderbilt 6H AWB
Slot	Slot #06		

COMMENTS

Wellpath general comments

API: 47-049-02536-0000

BH Job #: 112536644

Rig: Patterson 294

Duration: 1/13/2025-1/17/2025

Gyrodata Cont. Gyro <12-1/4"> (100'-2700')

SDI MWD <8-3/4"> (2700')(2738'-7127')

BH Lucida+SuperiorQC IFR1+Sag+FDIR <8-1/2"> (7142')(7222'-21204')

Projected MD at TD: 21229'

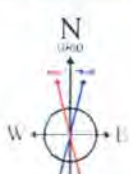
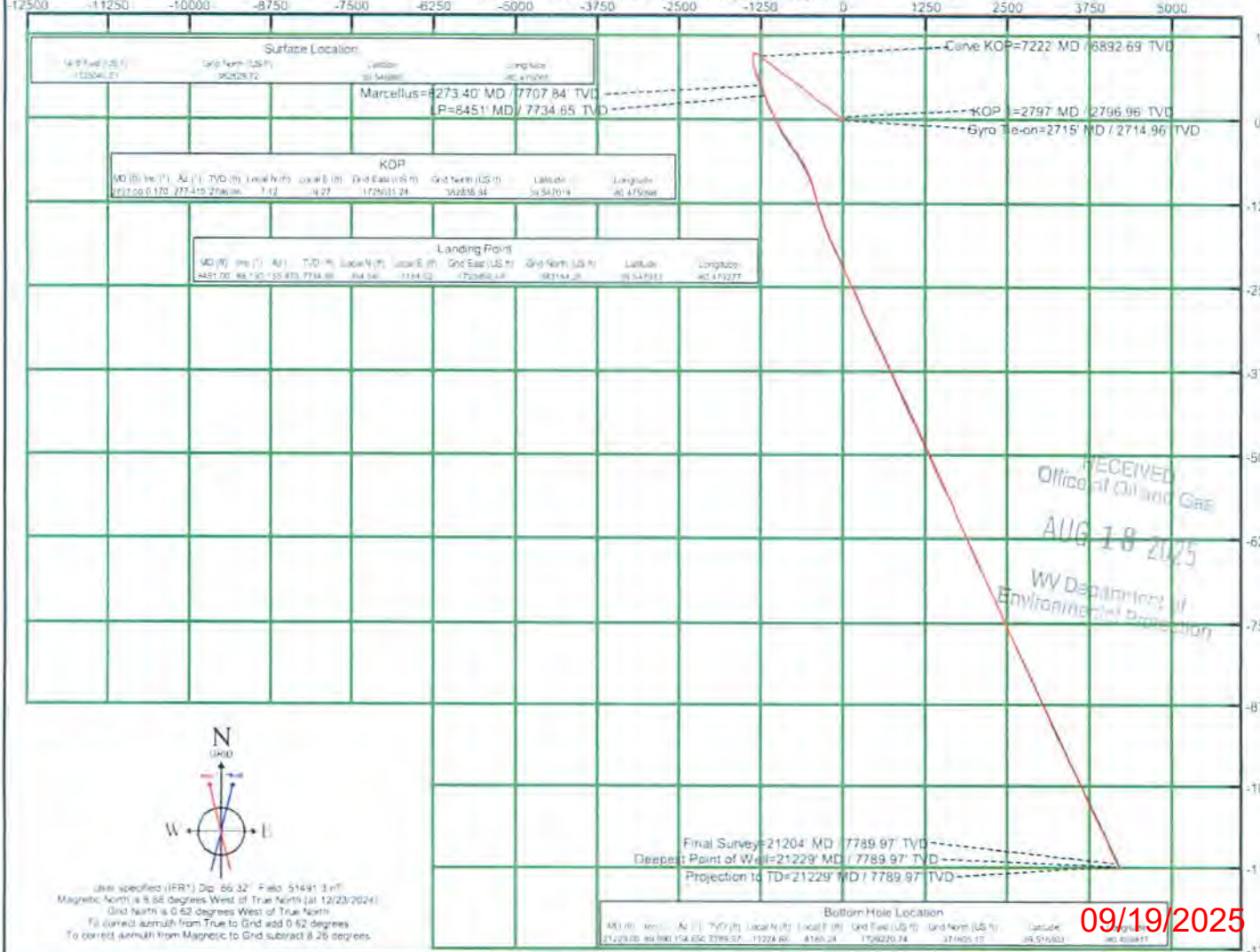
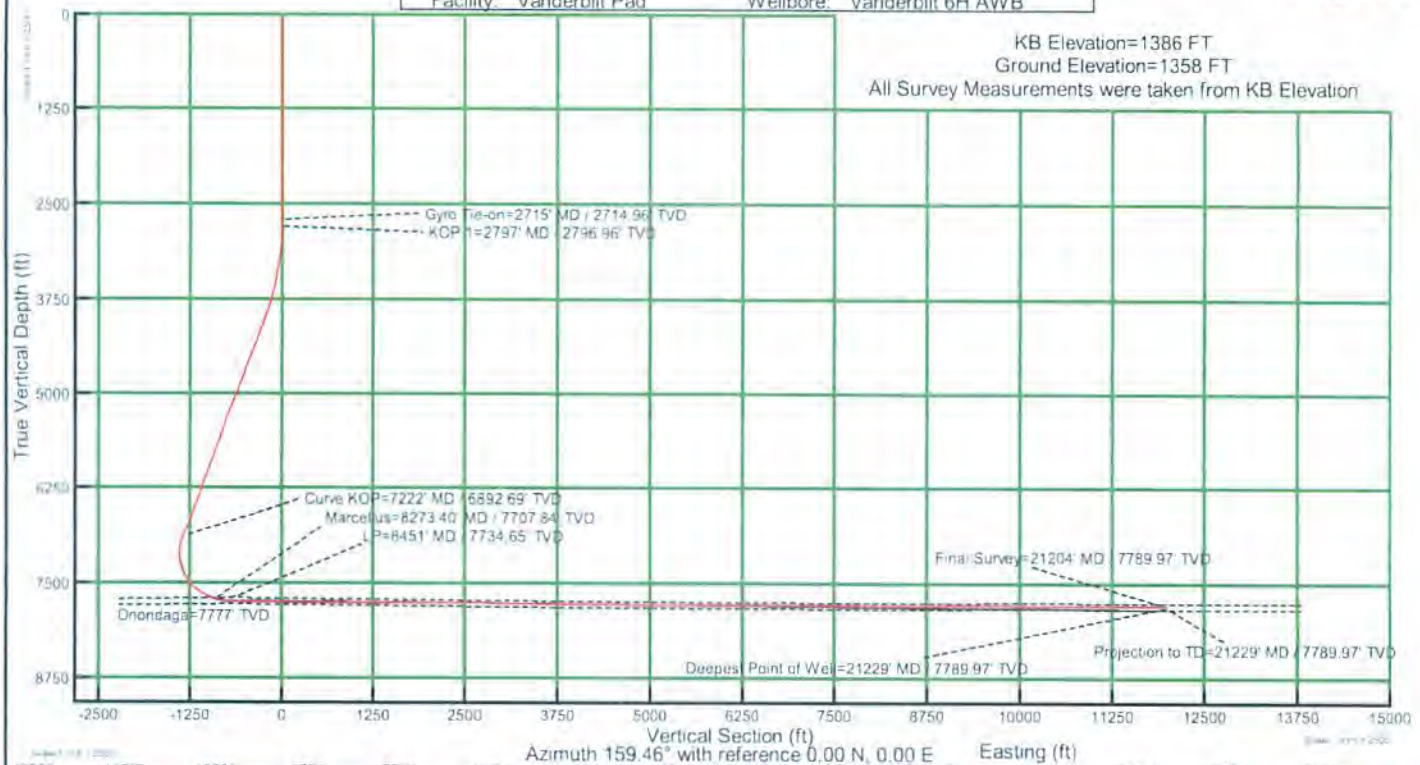
RECEIVED
Office of Oil and Gas
AUG 18 2025
WV Department of
Environmental Protection



EQT PRODUCTION COMPANY

Location: Marion County, WV
Field: Marion
Facility: Vanderbilt Pad

Slot: Slot #06
Well: Vanderbilt 6H
Wellbore: Vanderbilt 6H AWB



Units specified (IPR) Dip 86.32° Field 51441.1 m
Magnetic North is 8.84 degrees West of True North (at 12/23/2024)
Grid North is 0.62 degrees West of True North
To correct azimuth from True to Grid add 0.62 degrees
To correct azimuth from Magnetic to Grid subtract 8.26 degrees

RECEIVED
Office of Oil and Gas
AUG 18 2025
WV Department of Environmental Protection

09/19/2025