



Actual Wellpath Report

Carnegie 11H Proj: 26314'

Page 1 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Carnegie 11H
Field	Marion	API	47-049-02525
Facility	Carnegie Pad	Wellbore	Carnegie 11H
Slot	Slot 11		

REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Deergal
Scale	0.999942	Report Generated	6/12/2024 at 8:08:01 AM
Convergence at slot	0.60° 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	73.38	15.50	1735840.58	374278.99	39°31'25.8071"N	80°26'11.2290"W
Facility Reference Pt			1735825.08	374205.61	39°31'25.0803"N	80°26'11.4171"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 292 (RKB) to Facility Vertical Datum	1346.00ft
Horizontal Reference Pt	Slot	Patterson 292 (RKB) to Mean Sea Level	1346.00ft
Vertical Reference Pt	Patterson 292 (RKB)	Patterson 292 (RKB) to Ground Level at Slot (Slot 11)	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	335.00°



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Page 2 of 12



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WELLPATH DATA (288 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [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]	Comments
0.00†	0.000	59.290	0.00	-1346.00	0.00	0.00	0.00	1735840.58	374278.99	39°31'25.8071"N	80°26'11.2290"W	0.00	0.000	0.00	0.00	0.00	
28.00	0.000	59.290	28.00	-1318.00	0.00	0.00	0.00	1735840.58	374278.99	39°31'25.8071"N	80°26'11.2290"W	0.00	0.000	0.00	0.00	0.00	
115.00	0.240	59.290	115.00	-1231.00	0.02	0.09	0.16	1735840.74	374279.08	39°31'25.8080"N	80°26'11.2271"W	0.18	59.290	0.28	0.28	0.00	01 Gyro
215.00	0.190	84.600	215.00	-1131.00	-0.02	0.22	0.50	1735841.08	374279.21	39°31'25.8093"N	80°26'11.2227"W	0.55	66.747	0.11	-0.05	25.31	
315.00	0.260	108.590	315.00	-1031.00	-0.23	0.16	0.66	1735841.46	374279.15	39°31'25.8098"N	80°26'11.2178"W	0.90	79.787	0.12	0.07	23.95	
415.00	0.260	124.710	415.00	-931.00	-0.58	-0.04	1.28	1735841.86	374278.95	39°31'25.8068"N	80°26'11.2127"W	1.28	91.903	0.07	0.00	16.12	
515.00	0.210	122.900	515.00	-831.00	-0.93	-0.27	1.62	1735842.20	374278.72	39°31'25.8046"N	80°26'11.2083"W	1.65	99.488	0.05	-0.05	-1.81	
615.00	0.250	126.990	615.00	-731.00	-1.28	-0.50	1.95	1735842.53	374278.49	39°31'25.8023"N	80°26'11.2041"W	2.02	104.427	0.04	0.04	4.09	
715.00	0.250	133.210	714.99	-631.01	-1.68	-0.78	2.29	1735842.87	374278.21	39°31'25.7996"N	80°26'11.1998"W	2.42	108.909	0.03	0.00	6.22	
815.00	0.360	147.860	814.99	-531.01	-2.19	-1.20	2.61	1735843.19	374277.19	39°31'25.7955"N	80°26'11.1955"W	2.87	114.647	0.13	0.11	14.65	
915.00	0.180	139.140	914.99	-431.01	-2.65	-1.58	2.88	1735843.46	374277.41	39°31'25.7918"N	80°26'11.1921"W	3.29	118.785	0.18	-0.18	-8.72	
1015.00	0.240	96.080	1014.99	-331.01	-2.91	-1.72	3.19	1735843.77	374277.27	39°31'25.7904"N	80°26'11.1881"W	3.63	118.371	0.16	0.06	-43.06	
1115.00	0.250	126.420	1114.99	-231.01	-3.21	-1.88	3.58	1735844.16	374277.11	39°31'25.7889"N	80°26'11.1832"W	4.04	117.677	0.13	0.01	30.34	
1215.00	0.390	151.240	1214.99	-131.01	-3.74	-2.30	3.92	1735844.50	374276.69	39°31'25.7847"N	80°26'11.1788"W	4.54	120.470	0.19	0.14	24.82	
1315.00	0.510	136.420	1314.99	-31.01	-4.50	-2.92	4.38	1735844.97	374276.07	39°31'25.7787"N	80°26'11.1727"W	5.27	123.693	0.17	0.12	-14.82	
1415.00	0.570	133.130	1414.98	88.98	-5.39	-3.59	5.06	1735845.64	374275.40	39°31'25.7722"N	80°26'11.1641"W	6.20	125.354	0.07	0.06	-3.29	
1515.00	0.670	115.640	1514.98	168.98	-6.30	-4.18	5.95	1735846.53	374274.81	39°31'25.7664"N	80°26'11.1526"W	7.27	125.106	0.21	0.10	-17.49	
1615.00	0.750	105.270	1614.97	268.97	-7.18	-4.61	7.10	1735847.68	374274.38	39°31'25.7623"N	80°26'11.1378"W	8.47	122.952	0.15	0.08	-10.37	
1715.00	0.770	99.600	1714.96	368.96	-7.98	-4.89	8.40	1735848.98	374274.10	39°31'25.7597"N	80°26'11.1212"W	9.72	120.209	0.08	0.02	-5.67	
1815.00	0.810	95.640	1814.95	468.95	-8.72	-5.07	9.76	1735850.34	374273.92	39°31'25.7540"N	80°26'11.1038"W	11.00	117.446	0.07	-0.04	-3.98	
1915.00	0.770	92.130	1914.94	568.94	-9.39	-5.17	11.14	1735851.72	374273.62	39°31'25.7572"N	80°26'11.0862"W	12.28	114.879	0.06	-0.04	-3.51	
2015.00	0.590	92.290	2014.93	668.93	-9.93	-5.21	12.33	1735852.91	374273.78	39°31'25.7569"N	80°26'11.0711"W	13.38	112.919	0.18	-0.18	0.16	
2115.00	0.480	122.850	2114.93	768.93	-10.52	-5.46	13.19	1735853.77	374273.53	39°31'25.7545"N	80°26'11.0600"W	14.28	112.481	0.30	-0.11	30.56	
2215.00	0.550	90.040	2214.93	868.93	-11.08	-5.69	14.02	1735854.60	374273.30	39°31'25.7524"N	80°26'11.0493"W	15.13	112.073	0.30	0.07	-32.81	
2315.00	0.410	107.500	2314.92	968.92	-11.53	-5.79	14.84	1735855.42	374273.20	39°31'25.7514"N	80°26'11.0388"W	15.94	111.323	0.20	-0.14	17.46	
2415.00	0.410	109.190	2414.92	1068.92	-12.02	-6.02	15.52	1735856.10	374272.97	39°31'25.7492"N	80°26'11.0301"W	16.65	111.195	0.01	0.00	1.69	
2515.00	0.270	125.140	2514.92	1168.92	-12.47	-6.27	16.05	1735856.63	374272.72	39°31'25.7468"N	80°26'11.0233"W	17.24	111.342	0.17	-0.14	15.95	
2615.00	0.280	138.080	2614.92	1268.92	-12.91	-6.59	16.41	1735856.99	374272.40	39°31'25.7437"N	80°26'11.0188"W	17.68	111.880	0.06	0.01	12.94	
2631.00	0.250	150.550	2630.92	1284.92	-12.98	-6.65	16.45	1735857.03	374272.34	39°31'25.7431"N	80°26'11.0182"W	17.75	112.007	0.41	-0.19	77.94	
2764.00	0.320	136.490	2763.91	1417.91	-13.62	-7.17	16.85	1735857.43	374271.82	39°31'25.7380"N	80°26'11.0190"W	18.31	113.054	0.07	0.05	-10.57	SDI MWD



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Page 3 of 12



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Field	Marion	API	47-049-02525
Facility	Carnegie Pad	Wellbore	Carnegie 11H
Slot	Slot 11		

WELLPATH DATA (288 stations)

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	TVDSS (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)	Comments
2807.00	0.480	138.730	2806.91	1460.91	-13.91	-7.39	17.05	1735857.63	374271.60	39°31'25.7358"N	80°26'11.0104"W	18.59	113.442	0.37	0.37	5.21	KOP
2850.00	0.750	135.940	2849.91	1503.91	-14.35	-7.73	17.37	1735857.95	374271.26	39°31'25.7325"N	80°26'11.0064"W	19.01	113.998	0.63	0.63	-6.49	
2893.00	1.100	123.320	2892.91	1546.91	-14.97	-8.16	17.91	1735858.49	374270.83	39°31'25.7283"N	80°26'10.9994"W	19.68	114.499	0.94	0.81	-29.35	
2936.00	1.550	110.900	2935.89	1589.89	-15.73	-8.60	18.80	1735859.38	374270.39	39°31'25.7241"N	80°26'10.9880"W	20.67	114.573	1.24	1.05	-28.88	
2979.00	2.190	102.710	2978.87	1632.87	-16.65	-8.98	20.14	1735860.72	374270.01	39°31'25.7204"N	80°26'10.9708"W	22.05	114.037	1.61	1.43	-19.05	
3023.00	2.730	99.900	3022.83	1676.83	-17.77	-9.35	21.99	1735862.57	374269.64	39°31'25.7170"N	80°26'10.9471"W	23.90	113.028	1.26	1.23	-6.39	
3066.00	3.060	96.600	3065.78	1719.78	-18.96	-9.66	24.14	1735864.72	374269.33	39°31'25.7142"N	80°26'10.9197"W	26.00	111.800	0.86	0.77	-7.67	
3109.00	3.330	97.160	3108.71	1762.71	-20.22	-9.94	26.52	1735867.10	374269.05	39°31'25.7116"N	80°26'10.8893"W	28.32	110.553	0.63	0.63	1.30	
3152.00	3.610	97.720	3151.63	1805.63	-21.62	-10.28	29.10	1735869.68	374268.71	39°31'25.7085"N	80°26'10.8563"W	30.87	109.458	0.66	0.65	1.30	
3195.00	3.590	99.290	3195.54	1849.54	-23.14	-10.69	31.83	1735872.41	374268.30	39°31'25.7047"N	80°26'10.8214"W	33.58	108.562	0.23	-1.05	3.57	
3282.00	3.530	100.770	3281.38	1935.38	-26.21	-11.62	37.09	1735877.67	374267.37	39°31'25.6961"N	80°26'10.7542"W	38.87	107.393	0.13	-0.07	1.72	
3368.00	3.440	100.960	3367.22	2021.22	-29.27	-12.60	42.23	1735882.81	374266.39	39°31'25.6869"N	80°26'10.6885"W	44.07	106.620	0.11	-0.10	0.22	
3455.00	3.490	100.000	3454.06	2108.06	-32.32	-13.56	47.40	1735887.98	374265.43	39°31'25.6780"N	80°26'10.6224"W	49.30	105.955	0.09	0.06	-1.10	
3541.00	4.600	94.680	3539.84	2193.84	-35.53	-14.30	53.41	1735893.99	374264.69	39°31'25.6713"N	80°26'10.5455"W	55.29	104.985	1.36	1.29	-6.19	
3628.00	5.340	93.910	3626.47	2280.47	-39.44	-14.89	61.38	1735901.96	374264.10	39°31'25.6683"N	80°26'10.4438"W	63.16	103.834	1.54	1.54	-0.89	
3714.00	7.080	92.130	3711.92	2365.92	-44.00	-15.39	71.12	1735911.70	374263.60	39°31'25.6623"N	80°26'10.3195"W	72.76	102.210	1.35	1.33	-2.07	
3800.00	8.680	89.300	3797.10	2451.10	-49.09	-15.51	82.90	1735923.48	374263.48	39°31'25.6624"N	80°26'10.1690"W	84.34	100.594	1.91	1.86	-3.29	
3887.00	10.850	86.030	3882.84	2536.84	-54.73	-14.86	97.64	1735938.22	374264.13	39°31'25.6703"N	80°26'9.9811"W	98.76	98.653	2.57	2.49	-3.76	
3973.00	11.460	84.880	3967.21	2621.21	-60.54	-13.54	114.22	1735954.80	374265.45	39°31'25.6851"N	80°26'9.7696"W	115.02	96.759	0.75	0.71	-1.34	
4059.00	11.810	84.180	4051.45	2705.45	-66.34	-11.88	131.49	1735972.07	374267.11	39°31'25.7032"N	80°26'9.5495"W	132.02	95.183	0.44	0.41	-0.81	
4145.00	12.060	85.290	4135.59	2789.59	-72.35	-10.25	149.20	1735989.78	374268.74	39°31'25.7212"N	80°26'9.3238"W	149.55	93.931	0.39	0.29	1.29	
4232.00	12.420	82.610	4220.61	2874.61	-78.33	-8.30	167.53	1736008.11	374270.69	39°31'25.7423"N	80°26'9.0900"W	167.74	92.837	0.77	0.41	-3.08	
4318.00	12.460	81.140	4304.59	2958.59	-83.71	-5.68	185.87	1736026.45	374273.31	39°31'25.7701"N	80°26'8.8564"W	185.96	91.751	0.37	0.05	-1.71	
4405.00	12.770	80.840	4389.49	3043.49	-88.94	-2.71	204.64	1736045.22	374276.28	39°31'25.8014"N	80°26'8.6173"W	204.65	90.758	0.36	0.36	-0.34	
4491.00	12.890	80.160	4473.34	3127.34	-94.05	0.15	223.47	1736064.05	374279.44	39°31'25.8345"N	80°26'8.3774"W	223.47	89.888	0.22	0.14	-0.75	
4577.00	12.940	80.680	4557.17	3211.17	-99.16	3.64	242.42	1736083.00	374282.63	39°31'25.8681"N	80°26'8.1359"W	242.45	89.139	0.15	0.06	0.60	
4663.00	12.770	80.030	4641.01	3295.01	-104.23	6.85	261.29	1736101.87	374285.84	39°31'25.9017"N	80°26'7.8956"W	261.38	88.498	0.26	-0.20	-0.75	
4750.00	12.540	80.320	4725.90	3379.90	-109.22	10.10	280.07	1736120.65	374289.09	39°31'25.9358"N	80°26'7.6564"W	280.25	87.934	0.27	-0.26	0.33	
4836.00	12.440	80.530	4809.86	3463.86	-114.16	13.20	298.41	1736138.99	374292.19	39°31'25.9683"N	80°26'7.4228"W	298.70	87.468	0.13	-0.12	0.24	
4914.00	12.760	80.450	4885.99	3539.99	-118.71	16.01	315.19	1736155.77	374295.00	39°31'25.9978"N	80°26'7.2090"W	315.80	87.093	0.41	0.41	-0.10	



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Carnegie 11H Proj: 26314'

Page 4 of 12



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Field	Marion	API	47-049-02525
Facility	Carnegie Pad	Wellbore	Carnegie 11H
Slot	Slot 11		

WELLPATH DATA (288 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [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]	Comments
5000.00	12.890	79.980	4969.84	3623.84	-123.72	19.25	334.00	1736174.58	374298.24	39°31'26.0318"N	80°26'6.9694"W	334.56	86.701	0.19	0.15	-0.55	
5086.00	12.780	78.760	5053.69	3707.69	-128.46	22.77	352.78	1736193.36	374301.76	39°31'26.0685"N	80°26'6.7302"W	353.51	86.306	0.34	-0.13	-1.42	
5173.00	12.450	77.930	5138.59	3792.59	-132.85	26.61	371.39	1736211.97	374305.60	39°31'26.1084"N	80°26'6.4933"W	372.34	85.901	0.43	-0.38	-0.95	
5259.00	11.700	75.490	5222.69	3878.69	-136.51	30.73	388.89	1736229.47	374309.72	39°31'26.1509"N	80°26'6.2704"W	390.11	85.481	1.05	-0.87	-2.84	
5346.00	11.850	75.130	5307.86	3961.86	-139.67	35.25	406.06	1736246.64	374314.24	39°31'26.1973"N	80°26'6.0519"W	407.59	85.038	0.20	0.17	-0.53	
5432.00	11.750	77.410	5392.04	4046.04	-143.09	39.44	423.14	1736263.72	374318.43	39°31'26.2405"N	80°26'5.8345"W	424.97	84.675	0.58	-0.12	2.77	
5519.00	13.250	78.660	5476.98	4130.98	-147.35	43.33	441.56	1736282.14	374322.32	39°31'26.2808"N	80°26'5.6000"W	443.68	84.395	1.75	1.72	1.44	
5605.00	13.820	81.740	5560.59	4214.59	-152.84	46.75	461.39	1736301.97	374325.74	39°31'26.3166"N	80°26'5.3474"W	463.75	84.215	1.07	0.66	3.58	
5691.00	13.690	86.550	5644.12	4298.12	-159.34	48.84	481.71	1736322.29	374327.83	39°31'26.3394"N	80°26'5.0883"W	484.18	84.211	1.34	-0.15	5.59	
5777.00	13.350	82.890	5727.74	4381.74	-167.10	49.65	501.82	1736342.40	374328.84	39°31'26.3485"N	80°26'4.8318"W	504.27	84.349	0.72	-0.35	2.65	
5864.00	13.460	90.060	5812.36	4466.36	-175.45	49.85	522.01	1736362.59	374328.84	39°31'26.3535"N	80°26'4.5742"W	524.38	84.545	0.34	0.09	1.41	
5950.00	13.280	91.370	5896.03	4550.03	-184.08	49.60	541.89	1736382.47	374328.59	39°31'26.3531"N	80°26'4.3204"W	544.16	84.770	0.41	-0.21	1.52	
6037.00	12.590	89.780	5980.82	4634.82	-192.49	49.40	561.37	1736401.94	374328.39	39°31'26.3531"N	80°26'4.0719"W	563.53	84.971	0.89	-0.79	-1.83	
6123.00	12.870	89.180	6064.71	4718.71	-200.35	49.57	580.32	1736420.89	374328.56	39°31'26.3568"N	80°26'3.8301"W	582.43	85.118	0.36	0.33	-0.70	
6210.00	13.360	88.540	6149.43	4803.43	-208.40	49.90	600.08	1736440.85	374328.85	39°31'26.3620"N	80°26'3.5780"W	602.15	85.247	0.60	0.60	-0.28	
6288.00	13.650	89.070	6225.27	4879.27	-215.82	50.21	618.31	1736458.89	374329.20	39°31'26.3670"N	80°26'3.3454"W	620.34	85.357	0.34	0.33	0.17	
6374.00	14.140	86.000	6308.76	4962.76	-223.73	51.11	638.93	1736479.51	374330.10	39°31'26.3780"N	80°26'3.0823"W	640.97	85.427	1.03	0.57	-3.57	
6460.00	14.970	83.090	6392.00	5046.00	-230.94	53.18	660.44	1736501.02	374332.17	39°31'26.4006"N	80°26'2.8081"W	662.58	85.397	1.29	0.97	-3.38	
6547.00	14.690	82.290	6476.10	5130.10	-237.71	56.01	682.53	1736523.11	374335.00	39°31'26.4309"N	80°26'2.5267"W	684.82	85.308	0.40	-0.32	-0.92	
6633.00	13.270	80.240	6559.55	5213.55	-243.54	59.15	703.08	1736543.64	374338.14	39°31'26.4640"N	80°26'2.2650"W	705.54	85.191	1.75	-1.65	-2.38	
6720.00	12.940	78.840	6644.28	5298.28	-248.50	62.72	722.46	1736563.04	374341.71	39°31'26.5014"N	80°26'2.0180"W	725.18	85.038	0.53	-0.38	-1.61	
6806.00	12.660	75.550	6728.15	5382.15	-252.53	66.94	741.03	1736581.61	374345.93	39°31'26.5449"N	80°26'1.7815"W	744.05	84.838	0.91	-0.33	-3.83	
6892.00	11.780	76.250	6812.20	5466.20	-255.97	71.38	758.68	1736599.26	374350.37	39°31'26.5906"N	80°26'1.5568"W	762.03	84.625	1.04	-1.02	0.81	
6979.00	12.060	79.150	6897.32	5551.32	-259.92	75.20	776.24	1736616.82	374354.19	39°31'26.6302"N	80°26'1.3333"W	779.87	84.467	0.76	0.32	3.33	
7065.00	12.790	82.110	6981.31	5635.31	-264.92	78.20	794.49	1736635.07	374357.19	39°31'26.6617"N	80°26'1.1008"W	798.33	84.379	1.13	0.85	3.44	
7165.00	14.140	77.470	7078.56	5732.56	-270.82	82.37	817.38	1736657.96	374361.36	39°31'26.7053"N	80°26'0.8093"W	821.52	84.246	1.73	1.35	-4.64	D2 BH Lucida+SuperiorQC IFR1+Sag+FDIR <8 1/2"> (7165' - 26289')
7260.00	13.900	37.730	7170.94	5824.94	-268.09	93.94	835.73	1736676.31	374372.93	39°31'26.8215"N	80°26'0.5766"W	840.99	83.587	9.95	-0.25	-41.83	Curve KOP
7356.00	16.860	7.830	7283.84	5917.84	-251.08	116.89	844.70	1736685.28	374395.88	39°31'27.0492"N	80°26'0.4652"W	852.75	82.122	8.70	3.08	-31.15	
7450.00	23.910	348.500	7351.79	6005.79	-221.03	149.14	842.76	1736683.33	374428.13	39°31'27.3678"N	80°26'0.4943"W	855.85	79.965	10.28	7.50	-20.56	
7545.00	31.910	343.590	7435.68	6089.68	-177.40	192.16	831.79	1736672.37	374471.15	39°31'27.7818"N	80°26'0.8400"W	853.70	76.992	8.76	8.42	-5.21	



Actual Wellpath Report

Carnegie 11H Proj: 26314'

Page 5 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Carnegie 11H
Field	Marion	API	47-049-02525
Facility	Carnegie Pad	Wellbore	Carnegie 11H
Slot	Slot 11		

WELLPATH DATA (288 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [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]	Comments
7640.00	41.120	342.280	7511.96	6165.96	-121.47	246.11	815.13	1736655.71	374525.10	39°31'28.3234"N	80°26'0.8596"W	851.48	73.200	9.73	9.69	-1.34	
7735.00	49.620	342.580	7578.63	6232.63	-54.49	310.51	794.76	1736635.33	374589.50	39°31'28.9577"N	80°26'1.1282"W	853.26	68.660	8.95	8.95	0.32	
7830.00	57.500	343.210	7635.02	6289.02	21.15	383.50	772.32	1736612.89	374662.49	39°31'29.6768"N	80°26'1.4243"W	862.29	63.593	8.31	8.29	0.66	
7925.00	66.000	343.650	7679.94	6333.94	103.85	463.64	748.48	1736589.06	374742.63	39°31'30.4664"N	80°26'1.7390"W	880.45	58.224	8.96	8.95	0.46	
7985.80†	71.258	341.823	7702.48	6356.48	160.85	518.57	731.40	1736571.96	374797.56	39°31'31.0078"N	80°26'1.9644"W	896.58	54.663	8.94	8.51	-2.96	Marcellus
8020.00	74.090	340.890	7712.34	6386.34	192.35	548.60	721.26	1736561.84	374827.59	39°31'31.3033"N	80°26'2.0977"W	906.19	52.743	8.94	8.53	-2.81	
8116.00	83.260	338.510	7731.18	6385.18	286.06	636.77	688.62	1736529.19	374915.76	39°31'32.1714"N	80°26'2.5260"W	937.91	47.240	9.86	9.55	-2.48	
8211.00	88.850	334.610	7737.71	6391.71	380.74	723.67	650.93	1736491.51	375002.66	39°31'33.0264"N	80°26'3.0185"W	973.35	41.971	7.17	5.88	-4.11	
8306.00	88.380	333.730	7740.03	6394.03	475.70	809.15	609.55	1736450.13	375088.14	39°31'33.8670"N	80°26'3.5579"W	1013.05	36.991	1.06	-0.52	-0.93	
8400.00	89.770	334.280	7741.56	6395.56	569.67	893.63	568.36	1736408.93	375172.62	39°31'34.8976"N	80°26'4.0948"W	1059.05	32.457	1.61	1.50	-0.59	Landing Point
8495.00	89.710	333.970	7741.99	6395.99	664.66	979.10	526.90	1736367.46	375258.09	39°31'35.5382"N	80°26'4.6352"W	1111.87	28.287	0.33	-0.06	-0.33	
8590.00	89.530	334.330	7742.62	6396.62	759.65	1084.59	485.48	1736326.06	375343.58	39°31'36.3788"N	80°26'5.1752"W	1170.06	24.514	0.42	-0.19	0.38	
8686.00	89.620	334.910	7743.33	6397.33	855.64	1151.33	444.33	1736284.91	375430.31	39°31'37.2318"N	80°26'5.7118"W	1234.09	21.103	0.61	0.09	0.60	
8780.00	89.590	334.600	7743.98	6397.98	949.64	1236.35	404.24	1736244.82	375515.33	39°31'38.0680"N	80°26'6.2347"W	1300.75	18.106	0.33	-0.03	-0.33	
8875.00	90.110	335.050	7744.23	6398.23	1044.84	1322.32	363.83	1736204.41	375601.31	39°31'38.9135"N	80°26'6.7818"W	1371.46	15.584	0.72	0.55	0.47	
8970.00	89.960	334.430	7744.17	6398.17	1139.64	1408.24	323.29	1736163.87	375687.22	39°31'39.7585"N	80°26'7.2906"W	1444.87	12.929	0.67	-0.16	-0.65	
9064.00	90.080	335.250	7744.14	6398.14	1233.64	1493.32	283.33	1736123.91	375772.31	39°31'40.5953"N	80°26'7.8119"W	1519.96	10.743	0.88	0.13	0.87	
9159.00	89.990	334.800	7744.08	6398.08	1328.64	1579.43	243.22	1736083.80	375858.42	39°31'41.4423"N	80°26'8.3352"W	1598.05	8.754	0.48	-0.09	-0.47	
9253.00	90.970	335.240	7743.29	6397.29	1422.63	1664.64	203.52	1736044.10	375943.62	39°31'42.2803"N	80°26'8.8532"W	1677.03	6.971	1.14	1.04	0.47	
9348.00	89.560	335.060	7742.85	6396.85	1517.63	1750.83	163.59	1735970.17	376029.82	39°31'43.1281"N	80°26'9.3742"W	1758.46	5.338	1.50	-1.48	-0.20	
9442.00	90.330	335.140	7742.94	6396.94	1611.63	1836.09	124.01	1735964.59	376115.08	39°31'43.9666"N	80°26'9.8907"W	1840.28	3.864	0.82	0.82	0.10	
9537.00	89.590	335.090	7743.01	6397.01	1706.63	1922.27	84.03	1735924.61	376201.26	39°31'44.8143"N	80°26'10.4123"W	1924.11	2.503	0.78	-0.78	-0.05	
9632.00	90.210	335.440	7743.18	6397.18	1801.62	2008.56	44.28	1735884.86	376287.54	39°31'45.8629"N	80°26'10.9311"W	2009.04	1.263	0.75	0.65	0.37	
9727.00	89.900	335.220	7743.09	6397.09	1896.62	2094.88	4.63	1735845.21	376373.87	39°31'46.5121"N	80°26'11.4486"W	2094.89	0.127	0.40	-0.33	-0.23	
9822.00	89.810	335.240	7743.33	6397.33	1991.62	2181.14	-35.17	1735805.41	376460.13	39°31'47.3605"N	80°26'11.9681"W	2181.43	359.076	0.10	-0.09	0.02	
9917.00	90.050	335.400	7743.44	6397.44	2086.62	2267.47	-74.84	1735765.74	376546.45	39°31'48.2095"N	80°26'12.4858"W	2268.70	358.110	0.30	0.25	0.17	
10012.00	89.590	335.290	7743.74	6397.74	2181.62	2353.80	-114.47	1735726.11	376632.79	39°31'49.0588"N	80°26'13.0031"W	2356.59	357.216	0.50	-0.48	-0.12	
10106.00	89.440	334.900	7744.54	6398.54	2275.61	2439.06	-154.05	1735686.53	376718.04	39°31'49.8973"N	80°26'13.5196"W	2443.92	356.386	0.44	-0.16	-0.41	
10201.00	89.840	335.760	7745.13	6399.13	2370.61	2525.39	-193.70	1735646.88	376804.37	39°31'50.7464"N	80°26'14.0371"W	2532.80	355.614	1.00	0.42	0.91	
10295.00	89.440	334.960	7745.72	6399.72	2464.80	2610.82	-232.69	1735607.69	376889.81	39°31'51.5868"N	80°26'14.5487"W	2621.19	354.903	0.95	-0.43	-0.85	



Actual Wellpath Report

Carnegie 11H Proj: 26314'

Page 6 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Carnegie 11H
Field	Marion	API	47-049-02525
Facility	Carnegie Pad	Wellbore	Carnegie 11H
Slot	Slot 11		

WELLPATH DATA (288 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [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]	Comments
10390.00	89.620	335.530	7746.50	6400.50	2559.60	2697.09	-272.67	1735567.91	378976.08	39°31'52.4353"N	80°26'15.0678"W	2710.84	354.227	0.63	0.19	0.60	
10484.00	90.110	335.060	7746.72	6400.72	2653.60	2782.49	-311.96	1735528.62	377061.47	39°31'53.2752"N	80°26'15.5806"W	2799.92	353.603	0.72	0.52	-0.50	
10579.00	89.470	335.620	7747.07	6401.07	2748.59	2868.82	-351.59	1735488.99	377147.81	39°31'54.1244"N	80°26'16.0980"W	2890.29	353.013	0.90	-0.67	0.59	
10673.00	89.100	334.810	7748.25	6402.25	2842.58	2954.16	-391.00	1735449.59	377233.14	39°31'54.9637"N	80°26'16.6122"W	2979.92	352.460	0.95	-0.39	-0.86	
10768.00	88.360	334.400	7750.35	6404.35	2937.58	3039.95	-431.73	1735408.85	377318.94	39°31'55.8075"N	80°26'17.1435"W	3070.48	351.917	0.89	-0.78	-0.43	
10863.00	90.020	335.420	7751.69	6405.69	3032.54	3125.98	-472.00	1735368.58	377404.96	39°31'56.6535"N	80°26'17.6690"W	3161.41	351.414	2.05	1.75	1.07	
10958.00	89.990	335.500	7751.69	6405.69	3127.54	3212.40	-511.46	1735329.12	377491.38	39°31'57.5036"N	80°26'18.1841"W	3252.86	350.954	0.09	-0.03	0.08	
11052.00	89.960	335.400	7751.73	6405.73	3221.54	3297.90	-550.52	1735290.06	377576.88	39°31'58.3446"N	80°26'18.6939"W	3343.53	350.523	0.11	-0.03	-0.11	
11147.00	90.050	335.560	7751.72	6405.72	3316.53	3384.33	-589.94	1735250.64	377663.31	39°31'59.1948"N	80°26'19.2087"W	3435.36	350.112	0.19	0.09	0.17	
11242.00	89.870	335.190	7751.78	6405.78	3411.53	3470.69	-629.53	1735211.05	377748.57	39°32'00.0442"N	80°26'19.7254"W	3527.32	349.719	0.43	-0.19	-0.28	
11336.00	90.380	336.300	7751.60	6405.60	3505.52	3556.39	-668.14	1735172.44	377835.37	39°32'00.8672"N	80°26'20.2296"W	3618.61	349.360	1.29	0.52	1.18	
11431.00	89.680	334.610	7751.56	6405.56	3600.52	3642.80	-707.60	1735132.98	377921.79	39°32'01.7372"N	80°26'20.7448"W	3710.89	349.007	1.92	-0.72	-1.78	
11526.00	89.990	336.050	7751.84	6405.84	3695.51	3729.13	-747.25	1735093.33	378008.11	39°32'02.5863"N	80°26'21.2624"W	3803.26	348.669	1.55	0.33	1.52	
11621.00	89.990	334.600	7751.85	6405.85	3790.51	3815.45	-788.91	1735053.67	378094.43	39°32'03.4353"N	80°26'21.7801"W	3895.76	348.347	1.53	0.00	-1.53	
11716.00	89.530	334.470	7752.23	6406.23	3885.50	3901.22	-827.76	1735012.52	378180.20	39°32'04.2788"N	80°26'22.3129"W	3988.07	348.021	0.47	-0.45	-0.14	
11811.00	89.840	335.300	7752.72	6406.72	3980.50	3987.24	-868.08	1734972.50	378266.22	39°32'05.1248"N	80°26'22.8390"W	4080.64	347.718	0.92	0.29	0.87	
11906.00	89.710	335.320	7753.10	6407.10	4075.50	4073.55	-907.76	1734932.82	378352.54	39°32'05.9737"N	80°26'23.3569"W	4173.47	347.437	0.14	-0.14	0.02	
12000.00	89.930	335.600	7753.39	6407.39	4169.49	4159.06	-946.80	1734893.78	378438.04	39°32'06.8148"N	80°26'23.8667"W	4265.47	347.175	0.38	0.23	0.30	
12095.00	89.870	335.600	7753.56	6407.56	4264.49	4245.58	-986.05	1734854.54	378524.56	39°32'07.6658"N	80°26'24.3791"W	4358.58	346.925	0.06	-0.06	0.00	
12191.00	89.950	335.180	7753.73	6407.73	4360.49	4332.86	-1026.02	1734814.56	378611.84	39°32'08.5243"N	80°26'24.9011"W	4452.68	346.678	0.44	0.05	-0.44	
12286.00	89.900	335.360	7753.87	6407.87	4455.48	4419.14	-1065.77	1734774.82	378698.12	39°32'09.3730"N	80°26'25.4198"W	4545.84	346.441	0.19	-0.03	0.19	
12381.00	89.620	335.490	7754.26	6408.26	4550.48	4505.54	-1105.28	1734735.31	378784.52	39°32'10.2228"N	80°26'25.9356"W	4639.13	346.217	0.32	-0.29	0.14	
12475.00	89.960	335.190	7754.61	6408.61	4644.48	4590.96	-1144.49	1734696.09	378869.94	39°32'11.0630"N	80°26'26.4476"W	4731.47	346.002	0.48	0.36	-0.32	
12570.00	89.770	335.780	7754.83	6408.83	4739.47	4677.40	-1183.91	1734656.67	378956.38	39°32'11.9132"N	80°26'26.9622"W	4824.91	345.796	0.65	-0.20	0.62	
12665.00	90.020	335.580	7755.01	6409.01	4834.47	4763.97	-1223.04	1734617.55	379042.95	39°32'12.7847"N	80°26'27.4732"W	4918.46	345.602	0.34	0.26	-0.21	
12761.00	89.860	335.340	7755.11	6409.11	4930.46	4851.30	-1262.91	1734577.67	379130.28	39°32'13.6237"N	80°26'27.9938"W	5012.98	345.408	0.30	-0.17	-0.25	
12856.00	90.390	336.020	7754.90	6408.90	5025.46	4937.87	-1302.03	1734538.55	379216.85	39°32'14.4752"N	80°26'28.5047"W	5106.64	345.228	0.91	0.58	0.72	
12951.00	89.740	335.370	7754.79	6408.79	5120.45	5024.44	-1341.13	1734499.45	379303.42	39°32'15.3269"N	80°26'29.0153"W	5200.35	345.055	0.97	-0.68	-0.68	
13046.00	89.990	335.470	7755.02	6409.02	5215.45	5110.84	-1380.65	1734459.93	379389.81	39°32'16.1766"N	80°26'29.5313"W	5294.04	344.883	0.28	0.26	0.11	
13140.00	89.890	335.380	7755.11	6409.11	5309.44	5196.32	-1419.74	1734420.84	379475.30	39°32'17.0174"N	80°26'30.0417"W	5386.78	344.719	0.14	-0.11	-0.10	



Actual Wellpath Report

Carnegie 11H Proj: 26314'
Page 7 of 12



REFERENCE WELLPATH IDENTIFICATION

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Facility	Carnegie Pad	Wellbore	Carnegie 11H
Slot	Slot 11		

WELLPATH DATA (288 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [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]	Comments
13235.00	89.830	334.950	7755.35	6409.35	5404.44	5282.53	-1458.64	1734380.94	379561.51	39°32'17.8654"N	80°26'30.5625"W	5480.49	344.554	0.46	-0.06	-0.45	
13330.00	89.770	334.280	7755.68	6409.68	5499.44	5368.36	-1500.37	1734340.21	379647.34	39°32'18.7094"N	80°26'31.0938"W	5574.08	344.385	0.71	-0.06	-0.71	
13425.00	89.830	334.310	7756.01	6410.01	5594.43	5453.96	-1541.57	1734299.01	379732.94	39°32'19.5511"N	80°26'31.6312"W	5667.64	344.217	0.07	0.06	0.03	
13519.00	89.860	334.350	7756.26	6410.26	5688.42	5538.66	-1582.29	1734258.29	379817.66	39°32'20.3842"N	80°26'32.1623"W	5760.26	344.056	0.05	0.03	0.04	
13614.00	89.900	334.440	7756.55	6410.55	5783.43	5624.24	-1623.57	1734217.01	379903.23	39°32'21.2258"N	80°26'32.7008"W	5863.90	343.896	0.23	-0.36	-0.22	
13709.00	90.050	334.510	7756.67	6410.67	5878.41	5709.86	-1664.73	1734175.85	379988.84	39°32'22.0676"N	80°26'33.2375"W	5947.59	343.746	0.47	0.26	0.39	
13804.00	89.990	334.510	7756.64	6410.64	5973.41	5795.62	-1705.62	1734134.97	380074.59	39°32'22.9108"N	80°26'33.7708"W	6041.38	343.601	0.06	-0.06	0.00	
13899.00	89.950	334.680	7756.69	6410.69	6068.40	5881.43	-1746.37	1734094.21	380160.41	39°32'23.7547"N	80°26'34.3025"W	6135.23	343.462	0.16	-0.04	0.16	
13994.00	90.170	334.110	7756.59	6410.59	6163.40	5967.10	-1787.43	1734053.16	380246.08	39°32'24.5972"N	80°26'34.8380"W	6229.06	343.325	0.64	0.23	-0.60	
14089.00	90.140	334.480	7756.33	6410.33	6257.39	6051.79	-1828.22	1734012.36	380330.76	39°32'25.4299"N	80°26'35.3700"W	6321.91	343.191	0.36	-0.03	0.36	
14183.00	89.850	334.270	7756.28	6410.28	6352.35	6137.43	-1869.33	1733971.25	380416.41	39°32'26.2721"N	80°26'35.9052"W	6415.80	343.060	0.28	-0.20	-0.19	
14279.00	89.800	334.070	7756.47	6410.47	6448.37	6223.84	-1911.16	1733929.43	380502.82	39°32'27.1218"N	80°26'36.4517"W	6510.66	342.930	0.26	-0.16	-0.21	
14374.00	89.920	334.340	7756.70	6410.70	6543.36	6309.37	-1952.50	1733888.09	380588.35	39°32'27.9628"N	80°26'36.9908"W	6604.58	342.805	0.31	0.13	0.28	
14469.00	89.800	334.040	7756.93	6410.93	6638.35	6394.90	-1993.86	1733846.73	380673.87	39°32'28.8038"N	80°26'37.5303"W	6698.52	342.683	0.34	-0.13	-0.32	
14564.00	89.770	334.140	7757.29	6411.29	6733.34	6480.35	-2035.37	1733805.22	380759.32	39°32'29.6440"N	80°26'38.0716"W	6792.47	342.563	0.11	-0.03	0.11	
14659.00	89.710	334.110	7757.72	6411.72	6828.33	6565.82	-2076.83	1733763.76	380844.80	39°32'30.4845"N	80°26'38.6122"W	6886.45	342.447	0.07	-0.06	-0.03	
14754.00	89.660	334.050	7758.08	6412.08	6923.32	6651.28	-2118.32	1733722.26	380930.26	39°32'31.3248"N	80°26'39.1534"W	6980.46	342.334	0.16	0.16	-0.02	
14849.00	89.830	334.150	7758.33	6412.33	7018.30	6738.75	-2159.79	1733680.80	381015.73	39°32'32.1652"N	80°26'39.6941"W	7074.50	342.224	0.07	-0.03	0.06	
14944.00	90.020	334.270	7758.46	6412.46	7113.30	6822.29	-2201.12	1733639.46	381101.26	39°32'33.0063"N	80°26'40.2332"W	7168.58	342.118	0.24	0.20	0.13	
15039.00	89.740	334.100	7758.65	6412.65	7207.29	6908.91	-2242.05	1733598.53	381186.85	39°32'33.8384"N	80°26'40.7671"W	7261.99	342.006	0.35	0.30	-0.16	
15133.00	89.830	334.180	7759.01	6413.01	7302.27	6992.40	-2283.48	1733557.10	381271.37	39°32'34.6790"N	80°26'41.3074"W	7355.81	341.915	0.13	0.09	0.09	
15228.00	89.770	334.170	7759.34	6413.34	7397.28	7077.91	-2324.86	1733515.72	381356.89	39°32'35.5199"N	80°26'41.8470"W	7449.95	341.816	0.07	-0.06	-0.02	
15323.00	89.860	334.100	7759.65	6413.65	7492.25	7163.40	-2366.30	1733474.28	381442.37	39°32'36.3604"N	80°26'42.3875"W	7544.11	341.720	0.12	0.08	-0.07	
15419.00	89.770	334.210	7759.96	6413.96	7588.24	7249.70	-2408.15	1733432.43	381528.77	39°32'37.2100"N	80°26'42.9333"W	7639.29	341.625	0.15	-0.09	0.11	
15514.00	89.690	334.100	7760.26	6414.26	7683.23	7334.42	-2449.66	1733391.52	381613.40	39°32'38.0421"N	80°26'43.4689"W	7732.51	341.535	0.10	0.10	-0.04	
15609.00	89.770	334.100	7760.57	6414.57	7777.22	7419.91	-2490.49	1733350.09	381698.89	39°32'38.8827"N	80°26'44.0072"W	7826.73	341.446	0.13	-0.09	-0.09	
15703.00	89.860	334.100	7760.88	6414.88	7872.21	7505.37	-2531.99	1733308.60	381784.34	39°32'39.7230"N	80°26'44.5484"W	7920.96	341.358	0.09	0.08	0.00	
15797.00	89.960	334.220	7761.02	6415.02	7966.20	7599.97	-2572.96	1733267.62	381868.85	39°32'40.5549"N	80°26'45.0827"W	8014.22	341.274	0.17	0.11	0.13	
15892.00	90.110	334.220	7760.97	6414.97	8061.19	7675.52	-2614.28	1733226.31	381954.49	39°32'41.3961"N	80°26'45.6217"W	8108.51	341.191	0.16	0.16	0.00	
15987.00	90.250	335.970	7760.80	6414.80	8156.19	7761.88	-2654.28	1733185.30	382040.66	39°32'42.2435"N	80°26'46.1439"W	8202.98	341.121	1.65	0.13	1.64	



Actual Wellpath Report

Carnegie 11H Proj: 26314'

Page 8 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Carnegie 11H
Field	Marion	API	47-049-02525
Facility	Carnegie Pad	Wellbore	Carnegie 11H
Slot	Slot 11		

WELLPATH DATA (288 stations) † = interpolated, ‡ = extrapolated station

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	TVOSS (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)	Comments
16082.00	89.860	335.170	7760.61	6414.61	8251.18	7848.17	-2693.57	1733147.01	382127.15	39°32'43.0942"N	80°26'46.6571"W	8297.54	341.057	0.93	-0.39	-0.84	
16177.00	90.140	335.370	7760.61	6414.61	8346.18	7934.46	-2733.31	1733107.27	382213.43	39°32'43.9428"N	80°26'47.1760"W	8392.06	340.992	0.98	-0.29	-0.21	
16272.00	90.350	335.710	7760.20	6414.20	8441.17	8020.93	-2772.65	1733067.94	382299.91	39°32'44.7934"N	80°26'47.6897"W	8486.53	340.931	0.42	-0.22	-0.36	
16367.00	89.650	335.340	7760.20	6414.20	8536.17	8107.39	-2812.01	1733028.58	382386.37	39°32'45.6439"N	80°26'48.2038"W	8581.21	340.871	0.83	-0.74	-0.35	
16462.00	89.770	335.090	7760.61	6414.66	8631.17	8183.64	-2851.33	1732986.75	382472.52	39°32'46.4921"N	80°26'48.7237"W	8676.76	340.800	0.99	-0.49	-0.26	
16557.00	89.830	335.240	7761.02	6415.02	8726.17	8279.86	-2891.73	1732946.85	382558.83	39°32'47.3401"N	80°26'49.2447"W	8770.30	340.748	0.17	-0.09	-0.16	
16652.00	89.830	335.070	7761.30	6415.30	8821.17	8366.06	-2931.65	1732908.94	382645.04	39°32'48.1879"N	80°26'49.7658"W	8864.85	340.688	0.18	-0.00	-0.18	
16746.00	89.830	335.360	7761.58	6415.58	8915.16	8451.40	-2971.05	1732869.53	382730.38	39°32'49.0273"N	80°26'50.2803"W	8958.43	340.631	0.31	-0.00	-0.31	
16841.00	89.710	335.060	7761.96	6415.96	9010.16	8537.65	-3010.89	1732829.70	382816.62	39°32'49.8755"N	80°26'50.8004"W	9053.00	340.574	0.34	-0.13	-0.32	
16936.57†	89.727	335.105	7762.00	6416.00	9110.16	8625.61	-3050.55	1732790.04	382902.95	39°32'50.7245"N	80°26'51.3183"W	9147.61	340.520	0.59	-0.20	-0.58	
16936.00	89.800	335.590	7762.28	6416.28	9205.16	8723.97	-3090.05	1732750.54	382989.34	39°32'51.5743"N	80°26'51.8342"W	9242.24	340.468	0.45	-0.29	-0.34	
17031.00	89.620	335.270	7762.68	6416.68	9300.16	8810.37	-3130.20	1732710.38	383075.44	39°32'52.4210"N	80°26'52.3584"W	9336.81	340.412	0.61	-0.19	-0.58	
17126.00	89.800	334.720	7763.16	6417.16	9395.16	8906.47	-3170.27	1732670.31	383161.67	39°32'53.2681"N	80°26'52.8816"W	9431.39	340.358	0.70	-0.03	-0.69	
17221.00	89.830	335.380	7763.47	6417.47	9490.15	8998.60	-3210.00	1732630.51	383248.40	39°32'54.1306"N	80°26'53.4142"W	9526.36	340.308	1.14	-0.23	-1.13	
17317.00	89.627	334.310	7763.95	6417.95	9585.15	9089.49	-3250.57	1732590.01	383333.76	39°32'54.9615"N	80°26'53.9298"W	9620.57	340.252	1.98	-0.82	-1.80	
17411.00	90.390	336.000	7763.92	6417.92	9680.15	9181.36	-3289.69	1732550.90	383420.33	39°32'55.8131"N	80°26'54.4408"W	9715.27	340.208	0.73	-0.29	-0.68	
17506.00	90.110	335.370	7763.50	6417.50	9775.14	9276.14	-3329.36	1732511.22	383506.65	39°32'56.6620"N	80°26'54.9590"W	9809.93	340.160	0.29	-0.26	-0.12	
17601.00	89.860	335.260	7763.53	6417.53	9870.14	9371.07	-3368.87	1732471.71	383593.04	39°32'57.5118"N	80°26'55.4750"W	9904.61	340.115	0.40	-0.20	-0.35	
17696.00	90.050	335.590	7763.60	6417.60	9965.13	9466.07	-3408.03	1732431.76	383679.23	39°32'58.3694"N	80°26'55.9866"W	9999.33	340.069	1.07	-0.46	-0.97	
17791.00	89.820	334.670	7763.88	6417.88	10060.13	9561.26	-3448.43	1732391.15	383765.22	39°32'59.2149"N	80°26'56.5027"W	10094.87	340.019	0.64	-0.06	-0.64	
17887.00	89.680	335.280	7764.46	6418.46	10155.13	9657.25	-3488.97	1732351.61	383852.60	39°33'00.0645"N	80°26'57.0431"W	10189.57	339.976	0.37	-0.26	-0.26	
17982.00	89.930	335.530	7764.79	6418.79	10250.13	9753.63	-3528.54	1732312.04	383939.96	39°33'00.9140"N	80°26'57.5599"W	10284.26	339.934	0.42	-0.29	-0.31	
18077.00	89.650	335.240	7765.14	6419.14	10345.12	9849.33	-3568.19	1732272.40	384026.30	39°33'01.7631"N	80°26'58.0777"W	10378.96	339.892	0.56	-0.52	-0.20	
18172.00	90.140	335.430	7765.31	6419.31	10440.12	9945.12	-3607.19	1732232.91	384111.84	39°33'02.6142"N	80°26'58.5927"W	10473.70	339.850	0.43	-0.16	-0.43	
18267.00	89.710	335.840	7765.10	6419.10	10535.11	10040.28	-3646.88	1732193.71	384198.23	39°33'03.4640"N	80°26'59.1056"W	10568.42	339.814	0.96	-0.42	-0.86	
18362.00	89.740	335.260	7765.71	6419.71	10630.11	10135.46	-3686.82	1732153.77	384284.43	39°33'04.3117"N	80°26'59.6271"W	10663.11	339.772	0.25	-0.03	-0.25	
18457.00	89.900	335.220	7766.01	6420.01	10725.11	10230.72	-3726.61	1732113.98	384370.69	39°33'05.1602"N	80°27'00.1467"W	10757.81	339.732	0.17	-0.17	-0.04	
18552.00	89.830	334.270	7766.23	6420.23	10820.11	10325.84	-3767.14	1732073.45	384456.61	39°33'06.0051"N	80°27'00.6757"W	10852.45	339.689	1.00	-0.07	-1.00	
18647.00	89.930	335.500	7766.43	6420.43	10915.10	10420.93	-3807.85	1732033.71	384543.53	39°33'06.8591"N	80°27'01.2078"W	10948.12	339.646	1.29	-0.10	-1.29	



Actual Wellpath Report

Carnegie 11H Proj: 26314'

Page 9 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Carnegie 11H
Field	Marion	API	47-049-02525
Facility	Carnegie Pad	Wellbore	Carnegie 11H
Slot	Slot 11		

WELLPATH DATA (288 stations)

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	TVDSS (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (ft/100ft)	Build Rate (ft/100ft)	Turn Rate (ft/100ft)	Comments
16838.00	89.860	335.440	7766.60	6420.60	11007.10	10350.89	-3847.32	1731993.27	384629.96	39°33'7.100"N	80°27'1.7228"W	11042.87	339.611	0.10	-0.07	-0.06	
16933.00	89.860	335.370	7768.84	6420.84	11102.10	10437.37	-3886.86	1731953.73	384716.34	39°33'8.5595"N	80°27'2.2392"W	11137.61	339.575	0.07	0.00	-0.07	
19027.00	89.930	335.240	7767.01	6421.01	11196.10	10522.77	-3926.13	1731914.46	384801.74	39°33'9.3985"N	80°27'2.7521"W	11231.36	339.539	0.16	0.07	-0.14	
19123.00	89.800	334.980	7767.24	6421.24	11292.10	10609.86	-3966.53	1731874.06	384888.83	39°33'10.2580"N	80°27'3.2796"W	11327.07	339.502	0.29	-0.14	-0.26	
19218.00	89.740	335.070	7767.62	6421.62	11387.08	10695.75	-4008.13	1731832.46	384974.23	39°33'11.0957"N	80°27'3.6222"W	11421.83	339.455	0.02	-0.06	-0.03	
19313.00	89.460	333.520	7768.28	6422.28	11482.08	10780.13	-4050.82	1731789.77	385059.10	39°33'11.9303"N	80°27'4.3787"W	11516.09	339.405	0.56	-0.29	0.47	
19407.00	90.330	335.610	7768.45	6422.45	11576.02	10865.01	-4091.19	1731749.40	385143.98	39°33'12.7647"N	80°27'4.9056"W	11609.75	339.368	2.41	0.93	2.22	
19503.00	89.800	335.620	7768.34	6422.34	11672.02	10962.45	-4130.82	1731709.76	385231.41	39°33'13.6247"N	80°27'5.4234"W	11705.54	339.336	0.55	-0.55	0.01	
19598.00	89.310	335.050	7769.08	6423.08	11767.01	11038.78	-4170.47	1731670.12	385317.74	39°33'14.4737"N	80°27'5.9412"W	11800.31	339.303	0.79	-0.52	-0.60	
19693.00	89.930	335.670	7770.24	6424.24	11857.00	11121.01	-4249.98	1731631.21	385400.57	39°33'15.1736"N	80°27'5.9720"W	11889.86	339.242	0.68	0.36	0.43	
19788.00	89.250	334.860	7770.87	6424.87	12050.99	11297.05	-4288.56	1731552.03	385576.02	39°33'17.0139"N	80°27'7.4837"W	12083.67	339.212	1.33	-0.79	-1.07	
19882.00	89.620	336.260	7771.81	6425.81	12148.98	11384.44	-4328.27	1731512.32	385663.41	39°33'17.8735"N	80°27'8.0026"W	12179.47	339.184	1.51	0.39	1.48	
19976.00	89.620	336.260	7771.81	6425.81	12148.98	11384.44	-4328.27	1731512.32	385663.41	39°33'17.8735"N	80°27'8.0026"W	12179.47	339.184	1.51	0.39	1.48	
20073.00	89.400	335.400	7772.62	6426.62	12241.97	11471.11	-4367.17	1731473.42	385750.07	39°33'18.7260"N	80°27'8.5109"W	12274.30	339.158	0.93	-0.23	-0.91	
20168.00	89.560	335.530	7773.49	6427.49	12336.96	11557.53	-4406.62	1731433.97	385836.49	39°33'19.5760"N	80°27'9.0262"W	12369.10	339.129	0.22	0.17	0.14	
20262.00	89.400	335.420	7774.35	6428.35	12431.95	11643.95	-4445.05	1731394.64	385922.02	39°33'20.4260"N	80°27'9.5414"W	12463.91	339.101	0.20	-0.17	-0.12	
20356.00	89.340	335.270	7775.38	6429.38	12526.95	11730.29	-4485.67	1731354.91	386009.25	39°33'21.2751"N	80°27'10.0590"W	12558.70	339.073	0.17	-0.06	-0.15	
20453.00	89.710	335.680	7776.18	6430.18	12621.94	11816.71	-4525.11	1731315.48	386096.68	39°33'22.1251"N	80°27'10.5741"W	12653.51	339.046	0.58	0.39	0.43	
20549.00	89.560	335.640	7777.52	6431.52	12717.93	11904.11	-4564.83	1731275.76	386183.07	39°33'22.9847"N	80°27'11.0930"W	12749.33	339.020	0.29	-0.16	-0.25	
20644.00	89.560	335.640	7777.52	6431.52	12812.93	11990.58	-4604.18	1731236.43	386269.54	39°33'23.8352"N	80°27'11.6069"W	12844.15	338.994	0.21	0.00	0.21	
20738.00	89.890	335.640	7778.30	6432.30	12907.92	12077.09	-4643.42	1731197.17	386356.05	39°33'24.6881"N	80°27'12.1198"W	12939.96	338.969	0.30	0.32	0.11	
20834.00	90.110	335.420	7778.03	6432.03	13002.92	12163.52	-4682.84	1731157.74	386442.48	39°33'25.5362"N	80°27'12.6348"W	13033.81	338.944	0.29	0.26	-0.13	
20929.00	90.200	335.390	7777.77	6431.77	13087.91	12249.90	-4722.38	1731118.21	386528.86	39°33'26.3858"N	80°27'13.1515"W	13128.63	338.918	0.10	0.09	-0.03	
21024.00	90.050	335.230	7777.56	6431.56	13192.91	12336.21	-4762.07	1731078.52	386616.18	39°33'27.2347"N	80°27'13.6698"W	13223.44	338.892	0.23	-0.16	-0.17	
21119.00	89.770	335.550	7777.71	6431.71	13287.91	12422.63	-4801.53	1731039.06	386701.59	39°33'28.0846"N	80°27'14.1853"W	13318.27	338.868	0.56	-0.29	0.47	
21214.00	89.900	335.190	7778.07	6432.07	13382.90	12508.00	-4841.02	1730999.57	386787.99	39°33'28.9344"N	80°27'14.7013"W	13413.10	338.843	0.52	0.03	-0.32	
21310.00	89.770	335.420	7778.43	6432.43	13478.90	12596.25	-4881.13	1730959.46	386875.21	39°33'29.7922"N	80°27'15.2252"W	13508.92	338.818	0.24	-0.03	0.24	
21405.00	90.200	335.460	7778.45	6432.45	13573.90	12682.65	-4920.62	1730919.97	386961.62	39°33'30.6420"N	80°27'15.7410"W	13603.76	338.795	0.45	0.45	0.04	Deepest Point of Well
21500.00	90.260	335.280	7778.07	6432.07	13668.90	12769.00	-4960.22	1730880.37	387047.97	39°33'31.4912"N	80°27'16.2584"W	13698.59	338.771	0.22	0.06	-0.21	
21595.00	90.140	335.530	7777.74	6431.74	13763.89	12855.38	-4999.78	1730840.81	387134.34	39°33'32.3407"N	80°27'16.7752"W	13793.42	338.748	0.31	-0.13	0.28	
21690.00	90.330	335.480	7777.55	6431.55	13859.89	12941.83	-5039.16	1730801.43	387220.79	39°33'33.1910"N	80°27'17.2897"W	13888.27	338.724	0.20	0.20	-0.04	



Actual Wellpath Report

Carnegie 11H Proj: 26314'

Page 10 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Carnegie 11H
Field	Marion	API	47-049-02525
Facility	Carnegie Pad	Wellbore	Carnegie 11H
Slot	Slot 11		

WELLPATH DATA (288 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [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]	Comments
21785.00	90.290	334.860	7776.84	6430.84	13993.89	13028.05	-5079.04	1730761.55	387307.01	39°33'34.0390"N	80°27'17.8106"W	13983.09	338.701	0.66	-0.04	-0.66	
21881.00	90.480	332.950	7776.19	6430.19	14049.86	13114.26	-5121.27	1730719.32	387393.22	39°33'34.8866"N	80°27'18.3614"W	14078.75	338.669	2.00	0.20	-1.99	
21976.00	90.510	333.570	7775.37	6429.37	14144.81	13199.09	-5164.01	1730676.58	387478.06	39°33'35.7205"N	80°27'18.9187"W	14173.32	338.633	0.65	0.03	0.65	
22070.00	90.620	335.280	7774.94	6428.94	14238.80	13283.88	-5204.59	1730636.00	387562.84	39°33'36.5542"N	80°27'19.4483"W	14267.07	338.605	1.89	-0.52	1.62	
22165.00	90.170	335.270	7774.78	6428.78	14333.80	13370.17	-5244.32	1730596.27	387649.13	39°33'37.4029"N	80°27'19.9713"W	14361.91	338.583	0.16	0.16	-0.01	
22260.00	90.080	335.200	7774.57	6428.57	14428.80	13456.43	-5284.12	1730556.47	387735.40	39°33'38.2613"N	80°27'20.4871"W	14456.74	338.561	0.12	-0.05	-0.07	
22355.00	90.020	335.340	7774.49	6428.49	14523.80	13542.72	-5323.86	1730516.73	387821.88	39°33'39.0989"N	80°27'21.0053"W	14551.69	338.539	0.15	-0.05	0.15	
22450.00	90.200	335.710	7774.31	6428.31	14618.80	13629.18	-5363.22	1730477.37	387908.15	39°33'39.9503"N	80°27'21.5205"W	14646.46	338.520	0.43	0.19	0.39	
22545.00	90.140	335.400	7774.03	6428.03	14713.79	13715.67	-5402.53	1730438.06	387994.63	39°33'40.8009"N	80°27'22.0342"W	14741.33	338.501	0.33	-0.05	-0.33	
22640.00	90.110	335.150	7773.77	6427.77	14808.79	13801.06	-5442.26	1730398.39	388080.92	39°33'41.6488"N	80°27'22.5533"W	14836.18	338.480	0.27	0.03	-0.27	
22735.00	90.140	335.250	7773.51	6427.51	14903.79	13888.20	-5482.11	1730358.48	388167.16	39°33'42.4877"N	80°27'23.0738"W	14931.03	338.459	0.11	-0.03	0.11	
22830.00	90.080	335.420	7773.33	6427.33	14998.79	13974.53	-5521.76	1730318.83	388253.49	39°33'43.3468"N	80°27'23.5917"W	15025.89	338.440	0.19	-0.05	0.18	
22925.00	90.110	335.300	7773.17	6427.17	15093.78	14060.80	-5561.36	1730279.23	388339.84	39°33'44.1860"N	80°27'24.1092"W	15120.75	338.420	0.13	0.03	-0.13	
23019.00	90.140	335.090	7772.97	6426.97	15187.78	14146.21	-5600.80	1730239.79	388425.17	39°33'45.0352"N	80°27'24.6243"W	15214.60	338.400	0.23	0.03	-0.23	
23114.00	90.110	335.340	7772.78	6426.78	15282.78	14232.45	-5640.62	1730199.87	388511.42	39°33'45.8834"N	80°27'25.1448"W	15309.45	338.381	0.37	-0.03	0.28	
23209.00	89.920	335.480	7772.73	6426.73	15377.78	14318.84	-5680.16	1730160.44	388597.80	39°33'46.7330"N	80°27'25.6610"W	15404.33	338.362	0.25	-0.20	0.15	
23304.00	90.200	335.340	7772.63	6426.63	15472.78	14405.23	-5719.89	1730120.90	388684.18	39°33'47.5826"N	80°27'26.1775"W	15499.20	338.343	0.33	0.29	-0.15	
23399.00	90.110	335.350	7772.38	6426.38	15567.78	14491.58	-5759.32	1730081.27	388770.52	39°33'48.4317"N	80°27'26.6963"W	15594.07	338.326	0.10	-0.05	0.01	
23494.00	90.230	336.690	7772.10	6426.10	15662.76	14578.36	-5797.93	1730042.67	388857.32	39°33'49.2855"N	80°27'27.2001"W	15688.99	338.312	1.42	0.13	1.41	
23589.00	90.200	335.740	7771.74	6425.74	15757.74	14665.25	-5837.24	1730004.35	388944.25	39°33'50.1406"N	80°27'27.7011"W	15783.93	338.299	1.00	-0.03	-1.00	
23684.00	90.080	334.430	7771.51	6425.51	15852.73	14751.45	-5876.26	1729964.33	389030.41	39°33'50.9879"N	80°27'28.2238"W	15878.78	338.280	1.38	-0.13	-1.38	
23780.00	89.860	334.060	7771.58	6425.56	15948.72	14837.92	-5917.95	1729922.64	389116.88	39°33'51.8382"N	80°27'28.7679"W	15974.54	338.258	0.42	-0.23	-0.35	
23874.00	90.280	334.800	7771.46	6425.46	16042.72	14922.72	-5958.50	1729882.09	389201.88	39°33'52.6720"N	80°27'29.2972"W	16068.33	338.234	0.67	0.43	0.76	
23969.00	90.050	334.250	7771.20	6425.20	16137.72	15008.49	-5999.36	1729841.23	389287.45	39°33'53.5153"N	80°27'29.8306"W	16163.14	338.212	0.62	-0.22	-0.56	
24064.00	91.110	334.990	7771.07	6425.07	16232.70	15093.98	-6040.77	1729799.82	389372.94	39°33'54.3580"N	80°27'30.3711"W	16257.90	338.188	0.21	0.05	-0.20	
24160.00	90.170	334.420	7770.83	6424.83	16328.70	15180.44	-6082.50	1729758.10	389459.40	39°33'55.2061"N	80°27'30.9156"W	16353.67	338.165	0.38	0.06	0.37	
24255.00	90.260	334.960	7770.48	6424.48	16423.69	15266.32	-6123.11	1729717.48	389545.28	39°33'56.0506"N	80°27'31.4459"W	16448.50	338.145	0.58	0.09	0.57	
24350.00	90.080	334.370	7770.20	6424.20	16518.69	15352.19	-6163.76	1729676.83	389631.14	39°33'56.8949"N	80°27'31.9767"W	16543.32	338.125	0.65	-0.19	-0.62	
24445.00	90.170	334.440	7769.99	6423.99	16613.69	15437.86	-6204.80	1729635.79	389716.82	39°33'57.7973"N	80°27'32.5124"W	16638.12	338.104	0.12	0.09	0.07	
24540.00	90.110	334.140	7769.76	6423.76	16708.68	15523.46	-6246.01	1729594.88	389802.42	39°33'58.5789"N	80°27'33.0503"W	16732.91	338.082	0.32	-0.05	-0.32	



Actual Wellpath Report

Carnegie 11H Proj: 26314'

Page 11 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Carnegie 11H
Field	Marion	API	47-049-02525
Facility	Carnegie Pad	Wellbore	Carnegie 11H
Slot	Slot 11		

WELLPATH DATA (288 stations) † = interpolated, ‡ = extrapolated station

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	TVDSS (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)	Comments
24730.00	90.110	334.400	7769.39	6423.39	16898.66	15694.62	-6328.50	1729512.09	389973.58	39°34'0.2618"N	80°27'34.1269"W	16922.50	338.039	0.14	0.00	0.14	
24825.00	90.350	334.440	7769.01	6423.01	16993.66	15780.31	-6369.52	1729471.08	390059.26	39°34'1.1044"N	80°27'34.6623"W	17017.31	338.019	0.26	0.25	0.04	
24920.00	90.230	334.370	7768.53	6422.53	17088.65	15865.98	-6410.56	1729430.04	390144.94	39°34'1.9468"N	80°27'35.1980"W	17112.12	337.999	0.15	-0.13	-0.07	
25015.00	90.140	334.190	7768.22	6422.22	17183.64	15951.57	-6451.78	1729388.81	390230.53	39°34'2.7883"N	80°27'35.7362"W	17206.92	337.979	0.21	-0.09	-0.19	
25110.00	90.200	334.430	7767.94	6421.94	17278.63	16037.18	-6492.97	1729347.83	390318.14	39°34'3.6301"N	80°27'36.2737"W	17301.73	337.958	0.26	0.06	0.25	
25205.00	90.020	334.390	7767.76	6421.76	17373.63	16122.86	-6534.00	1729306.59	390401.82	39°34'4.4726"N	80°27'36.8094"W	17396.54	337.939	0.19	-0.18	-0.04	
25300.00	90.290	334.310	7767.50	6421.50	17468.62	16208.50	-6575.12	1729265.47	390487.46	39°34'5.3146"N	80°27'37.3461"W	17491.36	337.920	0.30	0.28	-0.08	
25395.00	90.350	334.640	7766.97	6420.97	17563.62	16294.22	-6616.06	1729224.54	390573.18	39°34'6.1575"N	80°27'37.8806"W	17586.19	337.901	0.35	0.06	0.35	
25490.00	90.080	334.560	7766.61	6420.61	17658.61	16380.04	-6656.81	1729183.79	390659.00	39°34'7.0014"N	80°27'38.4126"W	17681.03	337.883	0.30	-0.28	-0.08	
25679.00	90.170	334.240	7766.20	6420.20	17847.60	16550.49	-6738.47	1729102.12	390829.44	39°34'8.6773"N	80°27'39.4787"W	17869.68	337.846	0.18	0.05	-0.17	
25774.00	90.230	334.390	7765.87	6419.87	17942.60	16636.10	-6779.64	1729060.95	390915.06	39°34'9.5191"N	80°27'40.0162"W	17964.50	337.828	0.17	0.06	0.16	
25870.00	90.110	334.380	7765.59	6419.59	18038.59	16722.66	-6821.15	1729019.45	391001.62	39°34'10.3702"N	80°27'40.5580"W	18060.33	337.810	0.13	-0.12	-0.01	
25964.00	90.020	334.440	7765.48	6419.48	18132.59	16807.44	-6861.75	1728978.85	391086.40	39°34'11.2038"N	80°27'41.0880"W	18154.17	337.792	0.12	-0.10	0.06	
26059.00	90.260	334.250	7765.25	6419.25	18227.58	16893.08	-6902.88	1728937.72	391172.03	39°34'12.0458"N	80°27'41.6249"W	18248.99	337.774	0.32	0.25	-0.20	
26150.00	90.110	334.230	7764.95	6418.95	18318.57	16975.03	-6942.43	1728898.17	391253.96	39°34'12.8518"N	80°27'42.1411"W	18339.82	337.756	0.17	-0.16	-0.02	
26213.00	89.990	334.220	7764.90	6418.90	18381.56	17031.77	-6969.82	1728870.77	391310.72	39°34'13.4094"N	80°27'42.4987"W	18402.70	337.744	0.19	-0.19	-0.02	
26289.00	90.050	334.510	7764.87	6418.87	18457.56	17100.28	-7002.70	1728837.89	391379.24	39°34'14.0831"N	80°27'42.9280"W	18478.57	337.731	0.39	0.08	0.38	Final Survey
26314.00†	90.050	334.510	7764.85	6418.85	18482.56	17122.85	-7013.46	1728827.13	391401.81	39°34'14.3050"N	80°27'43.0684"W	18503.53	337.726	0.00	0.00	0.00	Projection to TD



Actual Wellpath Report

Carnegie 11H Proj: 26314'

Page 12 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Carnegie 11H
Field	Marion	API	47-049-02525
Facility	Carnegie Pad	Wellbore	Carnegie 11H
Slot	Slot 11		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Carnegie 11H - LP	7738.00	715.40	652.50	1736493.08	374994.39	39°31'32.9448"N	80°26'2.9973"W	point
Carnegie 11H - BHL	7801.22	17128.89	-7001.96	1728838.63	391407.85	39°34'14.3659"N	80°27'42.9224"W	point

WELLPATH COMPOSITION - Ref Wellbore: Carnegie 11H Ref Wellpath: Carnegie 11H Proj: 26314'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
28.00	2631.00	BH Generic gyro - northseeking (Standard)	01 Gyro	Carnegie 11H	4/24/2024
2631.00	7065.00	OWSG MWD rev2 - Standard	02 SDI MWD	Carnegie 11H	4/24/2024
7065.00	26314.00	OWSG MWD rev2 + IFR1 + Sag + Multi-Station Correction	03 BH Lucida+SuperiorQC IFR1+Sag+FDIR <8 1/2"> (7165' - 26289')	Carnegie 11H	6/5/2024



EQT PRODUCTION COMPANY

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

Slot: Slot 11
Well: Carnegie 11H
Wellbore: Carnegie 11H



KB Elevation = 1346'
Ground Elevation = 1318'

All survey measurements taken from KB elevation

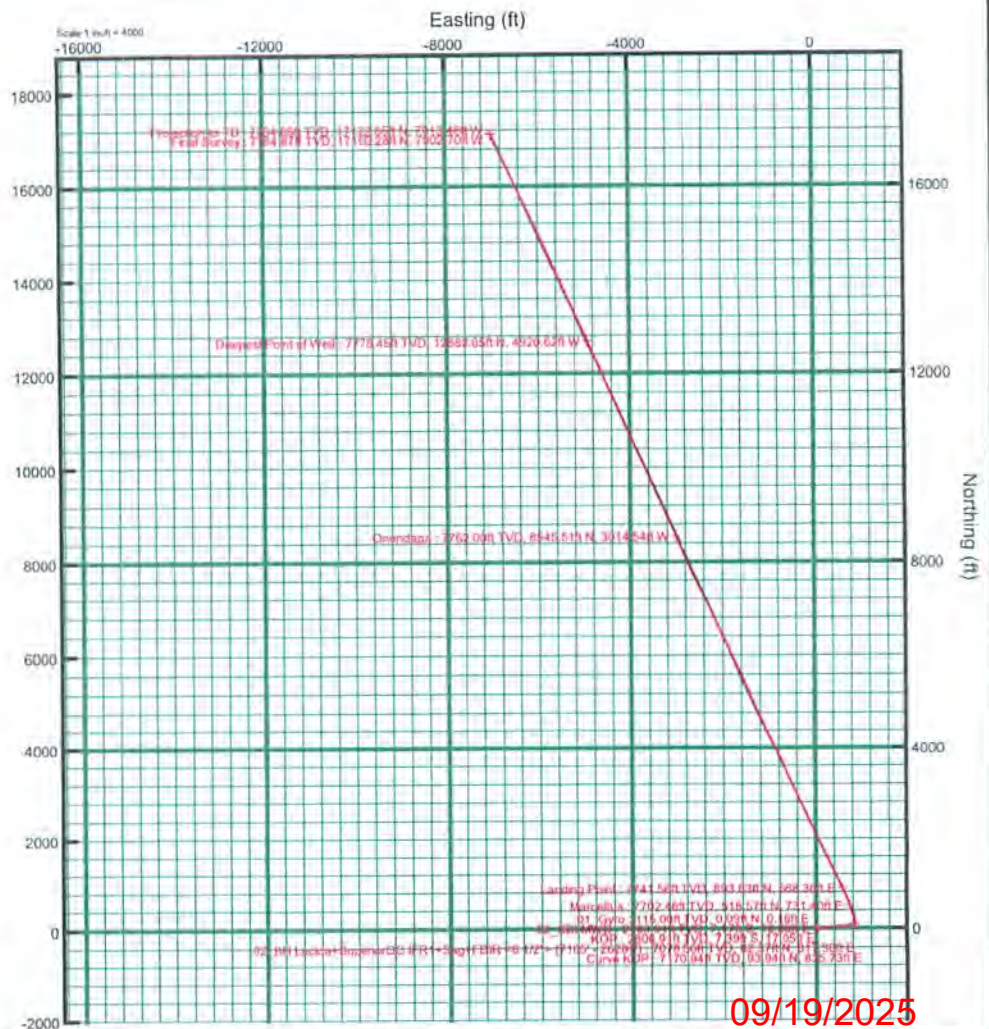
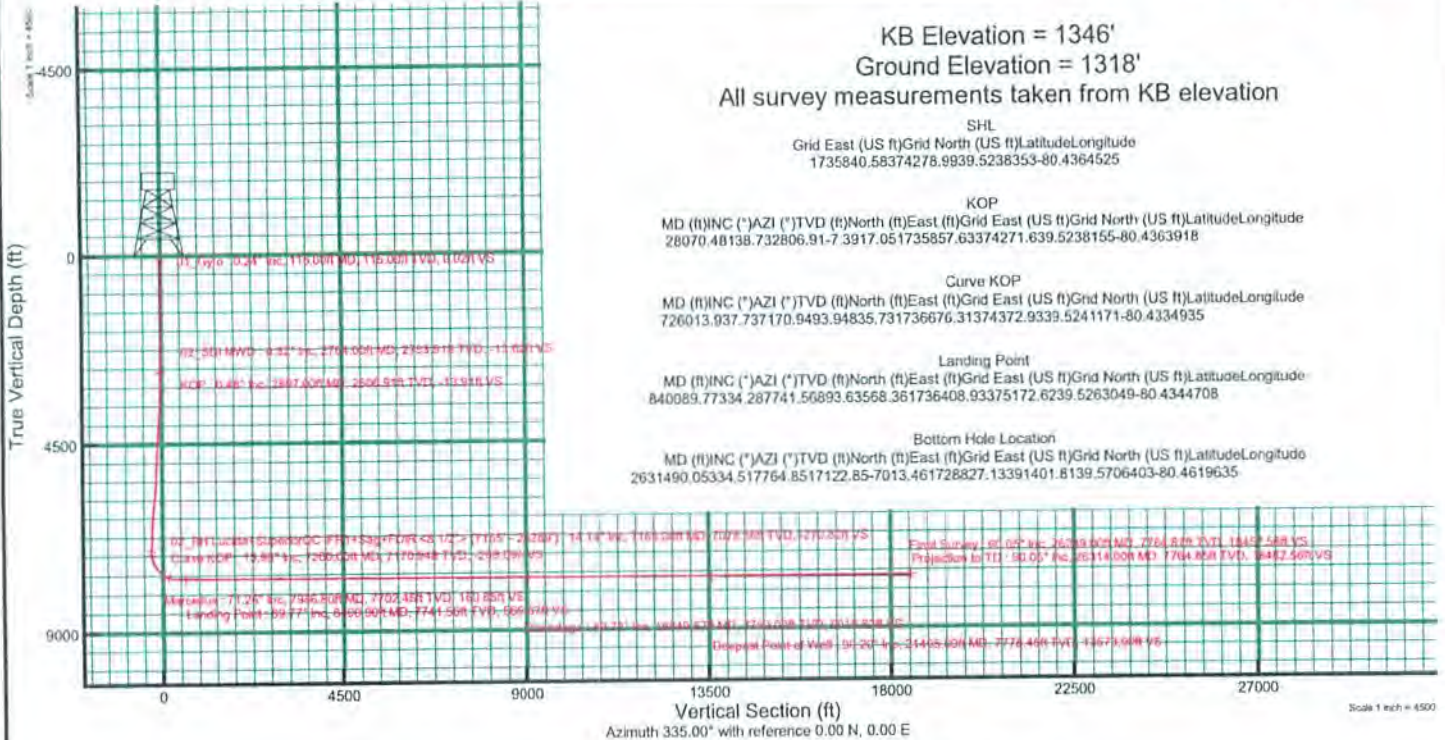
SHL
Grid East (US ft)Grid North (US ft)LatitudeLongitude
1735840.58374278.9939.5238353-80.4364525

KOP
MD (ft)INC (")AZI (")TVD (ft)North (ft)East (ft)Grid East (US ft)Grid North (US ft)LatitudeLongitude
28070.48138.732806.91-7.3917.051735857.63374271.639.5238155-80.4363918

Curve KOP
MD (ft)INC (")AZI (")TVD (ft)North (ft)East (ft)Grid East (US ft)Grid North (US ft)LatitudeLongitude
726013.937.737170.9493.94835.731736676.31374372.9339.5241171-80.4334935

Landing Point
MD (ft)INC (")AZI (")TVD (ft)North (ft)East (ft)Grid East (US ft)Grid North (US ft)LatitudeLongitude
840089.77334.287741.56893.63568.361736408.93375172.6239.5263049-80.4344708

Bottom Hole Location
MD (ft)INC (")AZI (")TVD (ft)North (ft)East (ft)Grid East (US ft)Grid North (US ft)LatitudeLongitude
2631490.05334.517764.8517122.85-7013.461728827.13391401.8139.5706403-80.4619635



Use specified Dip: 86.25° Field: 81555.2° T
Magnetic North is 8.80 degrees West of True North (at 6/5/2004)
Grid North is 0.60 degrees West of True North
To correct azimuth from True to Grid add 0.60 degrees
To correct azimuth from Magnetic to Grid subtract 8.80 degrees

09/19/2025