



Actual Wellpath Report

Elliott 17H (L-004601) AWP Proj: 24111'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 17H (L-004601)
Field	Marion	API	47-049-02506-00-00
Facility	Elliott Pad	Wellbore	Elliott 17H (L-004601) AWB
Slot	Slot 17		

REPORT SETUP INFORMATION			
Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Hilpthop
Scale	0.999942	Report Generated	9/15/2021 at 4:04:11 PM
Convergence at slot	0.56° 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	110.54	46.70	1751218.93	382018.08	39°32'43.8340"N	80°22'55.9519"W
Facility Reference Pt			1751172.23	381907.55	39°32'42.7371"N	80°22'56.5342"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	1370.00ft
Horizontal Reference Pt	Slot	Patterson 292 (RKB) to Mean Sea Level	1370.00ft
Vertical Reference Pt	Patterson 292 (RKB)	Patterson 292 (RKB) to Ground Level at Slot (Slot 17)	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	344.07°



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WELLPATH DATA (273 stations) † = interpolated, ‡ = extrapolated station															
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
0.00†	0.000	156.650	0.00	0.00	0.00	0.00	1751218.93	382018.08	39°32'43.8340"N	80°22'55.9519"W	0.00	0.000	0.00	0.00	0.00
28.00	0.000	156.650	28.00	0.00	0.00	0.00	1751218.93	382018.08	39°32'43.8340"N	80°22'55.9519"W	0.00	0.000	0.00	0.00	0.00
115.00	0.250	156.650	115.00	-0.19	-0.17	0.08	1751219.01	382017.91	39°32'43.8323"N	80°22'55.9509"W	0.19	156.650	0.29	0.29	0.00
215.00	0.220	167.720	215.00	-0.60	-0.56	0.20	1751219.13	382017.52	39°32'43.8285"N	80°22'55.9492"W	0.60	160.187	0.05	-0.03	11.07
315.00	0.140	166.320	315.00	-0.91	-0.87	0.27	1751219.20	382017.21	39°32'43.8255"N	80°22'55.9483"W	0.91	162.594	0.08	-0.08	-1.40
415.00	0.150	139.030	415.00	-1.15	-1.09	0.39	1751219.32	382016.99	39°32'43.8233"N	80°22'55.9468"W	1.15	160.387	0.07	0.01	-27.29
515.00	0.260	150.110	515.00	-1.49	-1.38	0.59	1751219.52	382016.70	39°32'43.8204"N	80°22'55.9442"W	1.50	157.020	0.12	0.11	11.08
615.00	0.280	183.560	615.00	-1.94	-1.82	0.68	1751219.61	382016.26	39°32'43.8161"N	80°22'55.9429"W	1.95	159.431	0.16	0.02	33.45
630.00	0.290	188.920	630.00	-2.01	-1.90	0.68	1751219.61	382016.18	39°32'43.8154"N	80°22'55.9430"W	2.01	160.389	0.19	0.07	35.73
715.00	0.160	190.920	715.00	-2.31	-2.23	0.62	1751219.55	382015.85	39°32'43.8121"N	80°22'55.9437"W	2.31	164.437	0.15	-0.15	2.35
815.00	0.310	193.840	814.99	-2.67	-2.63	0.53	1751219.46	382015.46	39°32'43.8081"N	80°22'55.9448"W	2.68	168.614	0.15	0.15	2.92
890.00	0.520	177.430	889.99	-3.18	-3.16	0.50	1751219.43	382014.92	39°32'43.8028"N	80°22'55.9452"W	3.20	171.097	0.32	0.28	-21.88
1051.00	0.380	206.300	1050.99	-4.28	-4.37	0.29	1751219.22	382013.71	39°32'43.7909"N	80°22'55.9476"W	4.38	176.184	0.16	-0.09	17.93
1094.00	0.430	175.530	1093.99	-4.55	-4.66	0.24	1751219.17	382013.42	39°32'43.7880"N	80°22'55.9482"W	4.67	177.040	0.51	0.12	-71.56
1137.00	0.440	103.910	1136.99	-4.79	-4.86	0.41	1751219.34	382013.22	39°32'43.7860"N	80°22'55.9460"W	4.88	175.133	1.18	0.02	-166.56
1180.00	0.480	101.260	1179.98	-4.95	-4.93	0.75	1751219.68	382013.15	39°32'43.7853"N	80°22'55.9417"W	4.99	171.350	0.11	0.09	-6.16
1223.00	0.780	65.020	1222.98	-4.99	-4.85	1.19	1751220.12	382013.23	39°32'43.7863"N	80°22'55.9360"W	4.99	166.174	1.13	0.70	-84.28
1266.00	1.570	73.240	1265.97	-4.93	-4.55	2.02	1751220.95	382013.53	39°32'43.7892"N	80°22'55.9255"W	4.98	156.052	1.87	1.84	19.12
1309.00	1.860	65.070	1308.95	-4.82	-4.09	3.22	1751222.15	382013.99	39°32'43.7939"N	80°22'55.9103"W	5.20	141.788	0.88	0.67	-19.00
1352.00	2.370	63.100	1351.92	-4.54	-3.39	4.64	1751223.57	382014.69	39°32'43.8010"N	80°22'55.8922"W	5.75	126.144	1.20	1.19	-4.58
1395.00	3.160	52.240	1394.87	-3.93	-2.26	6.37	1751225.30	382015.82	39°32'43.8123"N	80°22'55.8702"W	6.76	109.556	2.20	1.84	-25.26
1438.00	3.810	54.050	1437.79	-3.00	-0.70	8.47	1751227.40	382017.38	39°32'43.8279"N	80°22'55.8437"W	8.50	94.724	1.53	1.51	4.21
1481.00	4.330	50.780	1480.69	-1.87	1.17	10.88	1751229.81	382019.25	39°32'43.8466"N	80°22'55.8131"W	10.94	83.888	1.32	1.21	-7.60
1524.00	4.730	50.170	1523.55	-0.51	3.33	13.50	1751232.43	382021.41	39°32'43.8682"N	80°22'55.7800"W	13.91	76.156	0.94	0.93	-1.42
1611.00	5.600	46.740	1610.20	2.90	8.53	19.35	1751238.28	382026.61	39°32'43.9203"N	80°22'55.7060"W	21.15	66.198	1.06	1.00	-3.94
1697.00	5.340	46.810	1695.81	6.66	14.15	25.32	1751244.25	382032.23	39°32'43.9763"N	80°22'55.6304"W	29.01	60.805	0.30	-0.30	0.08
1782.00	5.250	55.540	1780.44	9.70	19.06	31.41	1751250.34	382037.13	39°32'44.0254"N	80°22'55.5533"W	36.74	58.756	0.95	-0.11	10.27
1868.00	5.210	60.750	1866.09	11.85	23.19	38.06	1751256.99	382041.27	39°32'44.0669"N	80°22'55.4689"W	44.57	58.647	0.55	-0.05	6.06
1954.00	5.570	57.890	1951.71	13.92	27.32	45.00	1751263.93	382045.40	39°32'44.1084"N	80°22'55.3808"W	52.65	58.743	0.52	0.42	-3.33
2040.00	5.800	56.000	2037.28	16.43	31.97	52.14	1751271.07	382050.04	39°32'44.1550"N	80°22'55.2903"W	61.16	58.490	0.34	0.27	-2.20



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Field	Marion	API	47-049-02506-00-00
Facility	Elliott Pad	Wellbore	Elliott 17H (L-004601) AWB
Slot	Slot 17		

WELLPATH DATA (273 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)
2127.00	6.080	51.920	2123.82	19.53	37.27	59.41	1751278.34	382055.34	39°32'44.2081"N	80°22'55.1982"W	70.13	57.903	0.58	0.32	-4.69
2213.00	6.020	47.490	2209.34	23.26	43.12	66.32	1751285.25	382061.20	39°32'44.2666"N	80°22'55.1107"W	79.11	56.969	0.55	-0.07	-5.15
2299.00	6.480	47.050	2294.83	27.48	49.48	73.20	1751292.12	382067.55	39°32'44.3301"N	80°22'55.0237"W	88.35	55.945	0.54	0.53	-0.51
2386.00	6.500	53.910	2381.27	31.41	55.72	80.77	1751299.70	382073.80	39°32'44.3926"N	80°22'54.9278"W	98.13	55.400	0.89	0.02	7.89
2460.00	6.720	56.940	2454.78	34.13	60.55	87.78	1751306.71	382078.63	39°32'44.4410"N	80°22'54.8389"W	106.64	55.404	0.56	0.30	4.09
2547.00	6.910	50.580	2541.17	37.72	66.65	96.09	1751315.02	382084.73	39°32'44.5021"N	80°22'54.7336"W	116.95	55.255	0.89	0.22	-7.31
2590.00	7.000	49.090	2583.85	39.85	70.01	100.07	1751319.00	382088.08	39°32'44.5356"N	80°22'54.6833"W	122.13	55.024	0.47	0.21	-3.47
2633.00	7.120	46.070	2626.52	42.21	73.57	103.97	1751322.90	382091.65	39°32'44.5712"N	80°22'54.6339"W	127.37	54.716	0.91	0.28	-7.02
2676.00	7.150	45.050	2669.19	44.76	77.31	107.79	1751326.71	382095.39	39°32'44.6086"N	80°22'54.5857"W	132.65	54.349	0.30	0.07	-2.37
2720.00	7.960	53.020	2712.81	47.18	81.08	112.16	1751331.08	382099.16	39°32'44.6462"N	80°22'54.5304"W	138.40	54.136	3.01	1.84	18.11
2763.00	9.470	61.930	2755.31	49.00	84.54	117.66	1751336.58	382102.61	39°32'44.6809"N	80°22'54.4606"W	144.88	54.303	4.70	3.51	20.72
2806.00	11.190	66.220	2797.62	50.31	87.88	124.60	1751343.52	382105.96	39°32'44.7147"N	80°22'54.3725"W	152.47	54.803	4.38	4.00	9.98
2849.00	12.670	69.440	2839.69	51.26	91.22	132.83	1751351.75	382109.30	39°32'44.7485"N	80°22'54.2678"W	161.14	55.521	3.77	3.44	7.49
2936.00	16.060	67.070	2923.95	53.50	99.26	152.85	1751371.77	382117.34	39°32'44.8299"N	80°22'54.0132"W	182.26	57.000	3.95	3.90	-2.72
3022.00	19.580	67.860	3005.82	56.51	109.33	177.17	1751396.08	382127.41	39°32'44.9317"N	80°22'53.7042"W	208.19	58.320	4.10	4.09	0.92
3108.00	21.330	64.690	3086.39	60.62	121.45	204.66	1751423.57	382139.52	39°32'45.0542"N	80°22'53.3548"W	237.98	59.313	2.41	2.03	-3.69
3194.00	22.310	63.860	3166.23	66.06	135.33	233.45	1751452.37	382153.40	39°32'45.1941"N	80°22'52.9890"W	269.84	59.899	1.19	1.14	-0.97
3281.00	23.470	62.020	3246.38	72.60	150.73	263.57	1751482.49	382168.80	39°32'45.3493"N	80°22'52.6064"W	303.63	60.235	1.57	1.33	-2.11
3367.00	24.720	60.990	3324.88	80.25	167.49	294.43	1751513.34	382185.56	39°32'45.5179"N	80°22'52.2147"W	338.73	60.366	1.53	1.45	-1.20
3453.00	25.290	59.450	3402.82	88.95	185.55	325.97	1751544.88	382203.62	39°32'45.6994"N	80°22'51.8142"W	375.08	60.351	1.01	0.66	-1.79
3539.00	27.630	59.160	3479.81	98.72	205.11	358.92	1751577.83	382223.18	39°32'45.8959"N	80°22'51.3962"W	413.39	60.253	2.73	2.72	-0.34
3626.00	31.430	58.390	3555.49	110.05	227.35	395.57	1751614.48	382245.42	39°32'46.1192"N	80°22'50.9311"W	456.25	60.112	4.39	4.37	-0.89
3712.00	35.500	59.820	3627.22	122.26	251.67	436.27	1751655.17	382269.73	39°32'46.3635"N	80°22'50.4146"W	503.65	60.021	4.82	4.73	1.66
3798.00	37.410	63.860	3696.40	133.04	275.73	481.32	1751700.22	382293.80	39°32'46.6057"N	80°22'49.8426"W	554.70	60.193	3.57	2.22	4.70
3885.00	38.740	65.200	3764.89	141.92	298.80	529.76	1751748.65	382316.86	39°32'46.8383"N	80°22'49.2272"W	608.21	60.576	1.80	1.53	1.54
3963.00	39.940	65.730	3825.21	149.32	319.33	574.74	1751793.63	382337.39	39°32'47.0456"N	80°22'48.6556"W	657.49	60.943	1.60	1.54	0.68
4049.00	41.650	66.200	3890.32	157.23	342.21	626.05	1751844.95	382360.27	39°32'47.2767"N	80°22'48.0034"W	713.48	61.339	2.02	1.99	0.55
4136.00	42.340	66.330	3954.98	165.14	365.63	679.34	1751898.23	382383.69	39°32'47.5134"N	80°22'47.3262"W	771.48	61.710	0.80	0.79	0.15
4222.00	42.310	67.130	4018.56	172.53	388.51	732.53	1751951.42	382406.57	39°32'47.7446"N	80°22'46.6500"W	829.18	62.060	0.63	-0.03	0.93
4308.00	41.460	68.210	4082.59	178.94	410.33	785.64	1752004.52	382428.38	39°32'47.9654"N	80°22'45.9749"W	886.34	62.423	1.30	-0.99	1.26



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4395.00	41.020	68.730	4148.01	184.54	431.38	838.99	1752057.87	382449.43	39°32'48.1785"N	80°22'45.2965"W	943.39	62.789	0.64	-0.51	0.60	
4481.00	39.520	66.830	4213.62	190.61	452.38	890.45	1752109.33	382470.44	39°32'48.3911"N	80°22'44.6423"W	998.78	63.068	2.25	-1.74	-2.21	
4567.00	38.890	66.680	4280.27	197.53	473.84	940.40	1752159.27	382491.89	39°32'48.6080"N	80°22'44.0074"W	1053.03	63.258	0.74	-0.73	-0.17	
4653.00	38.870	63.820	4347.22	205.81	496.43	989.41	1752208.28	382514.48	39°32'48.8360"N	80°22'43.3846"W	1106.97	63.355	2.09	-0.02	-3.33	
4739.00	38.710	62.580	4414.25	215.97	520.72	1037.50	1752256.36	382538.77	39°32'49.0807"N	80°22'42.7738"W	1160.84	63.348	0.92	-0.19	-1.44	
4826.00	37.180	63.360	4482.86	226.27	545.04	1085.15	1752304.01	382563.08	39°32'49.3256"N	80°22'42.1686"W	1214.33	63.331	1.84	-1.76	0.90	
4912.00	36.230	62.560	4551.81	236.17	568.40	1130.93	1752349.79	382586.45	39°32'49.5609"N	80°22'41.5871"W	1265.73	63.316	1.24	-1.10	-0.93	
4998.00	34.840	64.060	4621.79	245.51	590.86	1175.58	1752394.44	382608.90	39°32'49.7872"N	80°22'41.0200"W	1315.71	63.315	1.91	-1.62	1.74	
5084.00	34.950	64.050	4692.33	254.07	612.38	1219.82	1752438.67	382630.43	39°32'50.0042"N	80°22'40.4579"W	1364.91	63.342	0.13	0.13	-0.01	
5171.00	36.990	64.460	4762.73	262.77	634.58	1265.84	1752484.70	382652.62	39°32'50.2280"N	80°22'39.8732"W	1416.00	63.375	2.36	2.34	0.47	
5257.00	38.960	66.190	4830.52	270.80	656.65	1313.93	1752532.78	382674.69	39°32'50.4507"N	80°22'39.2621"W	1468.88	63.446	2.60	2.29	2.01	
5343.00	39.760	65.350	4897.02	278.68	679.03	1363.66	1752582.51	382697.07	39°32'50.6768"N	80°22'38.6301"W	1523.37	63.529	1.12	0.93	-0.98	
5429.00	38.840	66.640	4963.57	286.33	701.20	1413.42	1752632.26	382719.24	39°32'50.9006"N	80°22'37.9977"W	1577.79	63.614	1.43	-1.07	1.50	
5516.00	38.980	66.530	5031.27	293.45	722.91	1463.56	1752682.40	382740.95	39°32'51.1201"N	80°22'37.3604"W	1632.37	63.713	0.18	0.16	-0.13	
5602.00	39.280	67.910	5097.98	299.92	743.92	1513.60	1752732.44	382761.96	39°32'51.3325"N	80°22'36.7243"W	1686.54	63.826	1.07	0.35	1.60	
5689.00	37.580	67.520	5166.13	305.90	764.43	1563.64	1752782.47	382782.46	39°32'51.5400"N	80°22'36.0881"W	1740.49	63.947	1.97	-1.95	-0.45	
5775.00	36.370	64.620	5234.84	313.08	785.39	1610.91	1752829.74	382803.42	39°32'51.7517"N	80°22'35.4873"W	1792.17	64.009	2.47	-1.41	-3.37	
5861.00	35.520	63.450	5304.46	321.87	807.48	1656.30	1752875.13	382825.51	39°32'51.9744"N	80°22'34.9107"W	1842.65	64.010	1.27	-0.99	-1.36	
5948.00	36.810	64.990	5374.70	330.64	829.80	1702.53	1752921.36	382847.83	39°32'52.1994"N	80°22'34.3233"W	1893.98	64.016	1.81	1.48	1.77	
6034.00	37.020	63.470	5443.46	339.47	852.26	1749.04	1752967.87	382870.28	39°32'52.4259"N	80°22'33.7324"W	1945.63	64.021	1.09	0.24	-1.77	
6120.00	38.810	63.910	5511.31	348.99	875.67	1796.41	1753015.23	382893.70	39°32'52.6619"N	80°22'33.1306"W	1998.48	64.013	2.10	2.08	0.51	
6207.00	39.280	63.750	5578.87	358.73	899.84	1845.60	1753064.42	382917.87	39°32'52.9055"N	80°22'32.5057"W	2053.28	64.008	0.55	0.54	-0.18	
6293.00	39.810	65.230	5645.19	367.84	923.42	1895.01	1753113.83	382941.45	39°32'53.1432"N	80°22'31.8779"W	2108.03	64.020	1.26	0.62	1.72	
6379.00	39.600	64.730	5711.36	376.52	946.66	1944.80	1753163.61	382964.68	39°32'53.3777"N	80°22'31.2453"W	2162.96	64.045	0.44	-0.24	-0.58	
6466.00	39.370	66.580	5778.50	384.62	969.46	1995.19	1753214.00	382987.48	39°32'53.6079"N	80°22'30.6048"W	2218.26	64.085	1.38	-0.26	2.13	
6552.00	39.410	67.300	5844.97	391.39	990.84	2045.41	1753264.21	383008.86	39°32'53.8240"N	80°22'29.9665"W	2272.76	64.154	0.53	0.05	0.84	
6638.00	39.200	68.790	5911.52	397.11	1011.21	2095.93	1753314.73	383029.22	39°32'54.0301"N	80°22'29.3241"W	2327.11	64.244	1.12	-0.24	1.73	
6724.00	38.210	70.020	5978.63	401.49	1030.13	2146.27	1753365.07	383048.14	39°32'54.2220"N	80°22'28.6840"W	2380.68	64.361	1.46	-1.15	1.43	
6810.00	37.340	67.390	6046.61	406.40	1049.24	2195.34	1753414.14	383067.26	39°32'54.4156"N	80°22'28.0599"W	2433.20	64.455	2.13	-1.01	-3.06	
6888.00	36.680	65.130	6108.90	412.77	1068.14	2238.32	1753457.11	383086.15	39°32'54.6065"N	80°22'27.5136"W	2480.12	64.489	1.94	-0.85	-2.90	



Actual Wellpath Report

Elliott 17H (L-004601) AWP Proj: 24111'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 17H (L-004601)
Field	Marion	API	47-049-02506-00-00
Facility	Elliott Pad	Wellbore	Elliott 17H (L-004601) AWB
Slot	Slot 17		

WELLPATH DATA (273 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]
6974.00	36.710	63.030	6177.86	421.69	1090.60	2284.53	1753503.32	383108.61	39°32'54.8329"N	80°22'26.9265"W	2531.50	64.481	1.46	0.03	-2.44
7061.00	36.480	62.840	6247.71	431.70	1114.20	2330.72	1753549.51	383132.21	39°32'55.0706"N	80°22'26.3398"W	2583.35	64.450	0.29	-0.26	-0.22
7146.00	36.160	62.650	6316.19	441.59	1137.25	2375.47	1753594.26	383155.26	39°32'55.3027"N	80°22'25.7714"W	2633.67	64.417	0.40	-0.38	-0.22
7233.00	37.130	63.280	6386.00	451.58	1160.85	2421.73	1753640.51	383178.86	39°32'55.5404"N	80°22'25.1839"W	2685.58	64.389	1.20	1.11	0.72
7319.00	38.310	64.150	6454.02	461.04	1184.14	2468.90	1753687.68	383202.15	39°32'55.7751"N	80°22'24.5846"W	2738.19	64.377	1.51	1.37	1.01
7405.00	37.610	65.510	6521.83	469.53	1206.65	2516.77	1753735.55	383224.65	39°32'56.0021"N	80°22'23.9763"W	2791.08	64.385	1.27	-0.81	1.58
7491.00	39.290	67.850	6589.18	476.39	1227.79	2565.88	1753784.66	383245.80	39°32'56.2158"N	80°22'23.3521"W	2844.51	64.429	2.58	1.95	2.72
7578.00	42.510	69.680	6654.93	481.63	1248.39	2618.97	1753837.75	383266.40	39°32'56.4245"N	80°22'22.6769"W	2901.30	64.514	3.95	3.70	2.10
7664.00	42.770	67.700	6718.20	487.09	1269.56	2673.24	1753892.01	383287.57	39°32'56.6389"N	80°22'21.9868"W	2959.39	64.596	1.59	0.30	-2.30
7750.00	41.920	66.000	6781.76	494.36	1292.33	2726.50	1753945.27	383310.33	39°32'56.8690"N	80°22'21.3097"W	3017.27	64.640	1.66	-0.99	-1.98
7836.00	41.020	62.520	6846.21	504.05	1317.04	2777.79	1753996.56	383335.04	39°32'57.1182"N	80°22'20.6581"W	3074.20	64.633	2.88	-1.05	-4.05
7923.00	39.640	62.100	6912.53	515.52	1343.20	2827.65	1754046.41	383361.20	39°32'57.3815"N	80°22'20.0249"W	3130.46	64.591	1.62	-1.59	-0.48
8010.00	38.930	61.000	6979.87	527.46	1369.44	2876.08	1754094.84	383387.44	39°32'57.6455"N	80°22'19.4099"W	3185.47	64.539	1.14	-0.82	-1.26
8126.00	35.210	60.190	7072.41	543.73	1403.75	2937.00	1754155.75	383421.74	39°32'57.9904"N	80°22'18.6365"W	3255.22	64.454	3.23	-3.21	-0.70
8221.00	35.470	64.860	7149.92	554.71	1429.08	2985.72	1754204.47	383447.07	39°32'58.2454"N	80°22'18.0177"W	3310.11	64.423	2.86	0.27	4.92
8317.00	35.570	65.270	7228.06	563.44	1452.59	3036.30	1754255.05	383470.58	39°32'58.4826"N	80°22'17.3750"W	3365.88	64.433	0.27	0.10	0.43
8412.00	35.480	65.150	7305.38	571.94	1475.73	3086.41	1754305.16	383493.73	39°32'58.7161"N	80°22'16.7381"W	3421.07	64.446	0.12	-0.09	-0.13
8507.00	36.230	56.210	7382.43	584.84	1502.95	3134.80	1754353.54	383520.94	39°32'58.9898"N	80°22'16.1239"W	3476.47	64.385	5.56	0.79	-9.41
8602.00	35.200	34.490	7459.87	611.00	1541.29	3173.79	1754392.53	383559.28	39°32'59.3724"N	80°22'15.6308"W	3528.25	64.097	13.34	-1.08	-22.86
8697.00	36.370	25.100	7537.00	649.72	1589.40	3201.27	1754420.00	383607.39	39°32'59.8505"N	80°22'15.2861"W	3574.12	63.596	5.90	1.23	-9.88
8792.00	46.580	16.740	7608.13	700.19	1648.15	3223.23	1754441.96	383666.13	39°33'0.4332"N	80°22'15.0130"W	3620.16	62.918	12.21	10.75	-8.80
8887.00	52.080	6.150	7670.12	764.11	1718.61	3237.21	1754455.95	383736.59	39°33'1.1309"N	80°22'14.8432"W	3665.13	62.036	10.23	5.79	-11.15
8982.00	57.840	357.080	7724.72	838.17	1796.20	3239.18	1754457.92	383814.18	39°33'1.8979"N	80°22'14.8276"W	3703.87	60.991	9.88	6.06	-9.55
9077.00	64.650	348.780	7770.46	920.34	1878.68	3228.76	1754447.49	383896.64	39°33'2.7120"N	80°22'14.9710"W	3735.54	59.807	10.48	7.17	-8.74
9172.00	71.840	342.770	7805.67	1008.43	1964.07	3206.99	1754425.72	383982.03	39°33'3.5538"N	80°22'15.2594"W	3760.63	58.515	9.58	7.57	-6.33
9267.00	79.720	338.120	7829.00	1100.23	2050.73	3176.14	1754394.88	384068.69	39°33'4.4073"N	80°22'15.6639"W	3780.65	57.151	9.55	8.29	-4.89
9363.00	86.330	333.110	7840.66	1194.40	2137.43	3136.80	1754355.54	384155.38	39°33'5.2604"N	80°22'16.1768"W	3795.81	55.729	8.61	6.89	-5.22
9458.00	90.150	330.500	7843.58	1287.16	2221.10	3091.95	1754310.69	384239.04	39°33'6.0829"N	80°22'16.7597"W	3807.02	54.308	4.87	4.02	-2.75
9553.00	88.610	329.670	7844.61	1379.33	2303.43	3044.58	1754263.32	384321.37	39°33'6.8921"N	80°22'17.3747"W	3817.75	52.890	1.84	-1.62	-0.87
9648.00	89.630	331.460	7846.07	1471.69	2386.15	2997.90	1754216.65	384404.09	39°33'7.7051"N	80°22'17.9808"W	3831.59	51.482	2.17	1.07	1.88



Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 17H (L-004601)
Field	Marion	API	47-049-02506-00-00
Facility	Elliott Pad	Wellbore	Elliott 17H (L-004601) AWB
Slot	Slot 17		

WELLPATH DATA (273 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]
9744.00	89.080	330.370	7847.15	1565.17	2470.04	2951.24	1754169.99	384487.97	39°33'8.5297"N	80°22'18.5869"W	3848.49	50.072	1.27	-0.57	-1.14
9839.00	89.200	332.150	7848.57	1657.79	2553.32	2905.56	1754124.32	384571.25	39°33'9.3484"N	80°22'19.1802"W	3868.04	48.692	1.88	0.13	1.87
9934.00	87.510	330.580	7851.30	1750.42	2636.67	2860.06	1754078.82	384654.59	39°33'10.1677"N	80°22'19.7715"W	3889.98	47.327	2.43	-1.78	-1.65
10029.00	90.000	330.130	7853.36	1842.68	2719.20	2813.08	1754031.84	384737.12	39°33'10.9789"N	80°22'20.3814"W	3912.48	45.972	2.66	2.62	-0.47
10124.00	89.450	329.010	7853.82	1934.65	2801.12	2764.97	1753983.73	384819.03	39°33'11.7838"N	80°22'21.0057"W	3935.90	44.628	1.31	-0.58	-1.18
10219.00	89.450	324.090	7854.73	2025.21	2880.35	2712.62	1753931.39	384898.26	39°33'12.5618"N	80°22'21.6838"W	3956.61	43.282	5.18	0.00	-5.18
10314.00	89.450	329.610	7855.64	2115.91	2959.86	2660.70	1753879.47	384977.76	39°33'13.3426"N	80°22'22.3566"W	3979.96	41.953	5.81	0.00	5.81
10409.00	89.260	330.320	7856.71	2208.04	3042.09	2613.15	1753831.92	385059.99	39°33'14.1507"N	80°22'22.9738"W	4010.35	40.662	0.77	-0.20	0.75
10505.00	88.920	328.960	7858.24	2301.00	3124.92	2564.64	1753783.41	385142.81	39°33'14.9646"N	80°22'23.6034"W	4042.58	39.376	1.46	-0.35	-1.42
10600.00	89.200	329.910	7859.80	2392.90	3206.70	2516.33	1753735.11	385224.59	39°33'15.7683"N	80°22'24.2301"W	4076.14	38.122	1.04	0.29	1.00
10695.00	89.290	329.430	7861.05	2484.91	3288.69	2468.37	1753687.15	385306.58	39°33'16.5739"N	80°22'24.8527"W	4111.98	36.890	0.51	0.09	-0.51
10790.00	89.260	327.650	7862.25	2576.43	3369.72	2418.79	1753637.57	385387.60	39°33'17.3699"N	80°22'25.4956"W	4147.96	35.671	1.87	-0.03	-1.87
10886.00	89.260	329.170	7863.49	2668.86	3451.49	2368.51	1753587.29	385469.36	39°33'18.1732"N	80°22'26.1477"W	4186.00	34.459	1.58	0.00	1.58
10981.00	89.690	328.230	7864.36	2760.46	3532.65	2319.16	1753537.95	385550.52	39°33'18.9706"N	80°22'26.7878"W	4225.89	33.285	1.09	0.45	-0.99
11075.00	89.600	330.310	7864.94	2851.33	3613.45	2271.13	1753489.92	385631.31	39°33'19.7645"N	80°22'27.4110"W	4267.91	32.150	2.21	-0.10	2.21
11171.00	89.940	331.870	7865.33	2944.87	3697.48	2224.72	1753443.51	385715.34	39°33'20.5905"N	80°22'28.0139"W	4315.18	31.035	1.66	0.35	1.63
11266.00	89.540	329.950	7865.76	3037.37	3780.49	2178.53	1753397.33	385798.35	39°33'21.4064"N	80°22'28.6139"W	4363.27	29.953	2.06	-0.42	-2.02
11361.00	89.420	330.360	7866.62	3129.58	3862.89	2131.26	1753350.06	385880.74	39°33'22.2162"N	80°22'29.2276"W	4411.82	28.887	0.45	-0.13	0.43
11456.00	89.230	330.710	7867.74	3221.94	3945.60	2084.53	1753303.34	385963.44	39°33'23.0291"N	80°22'29.8344"W	4462.40	27.848	0.42	-0.20	0.37
11551.00	89.820	331.590	7868.53	3314.53	4028.80	2038.70	1753257.50	386046.64	39°33'23.8470"N	80°22'30.4300"W	4515.26	26.841	1.12	0.62	0.93
11646.00	89.850	330.910	7868.80	3407.16	4112.09	1993.00	1753211.81	386129.92	39°33'24.6657"N	80°22'31.0237"W	4569.61	25.858	0.72	0.03	-0.72
11741.00	89.290	329.060	7869.52	3499.30	4194.34	1945.48	1753164.30	386212.17	39°33'25.4740"N	80°22'31.6405"W	4623.57	24.884	2.03	-0.59	-1.95
11836.00	89.170	327.810	7870.79	3590.77	4275.28	1895.76	1753114.58	386293.10	39°33'26.2691"N	80°22'32.2854"W	4676.74	23.914	1.32	-0.13	-1.32
11931.00	89.660	329.210	7871.76	3682.28	4356.28	1846.14	1753064.96	386374.10	39°33'27.0648"N	80°22'32.9290"W	4731.33	22.967	1.56	0.52	1.47
12026.00	90.800	329.390	7871.38	3774.14	4437.97	1797.64	1753016.46	386455.78	39°33'27.8674"N	80°22'33.5583"W	4788.22	22.051	1.21	1.20	0.19
12122.00	90.310	329.790	7870.45	3867.09	4520.76	1749.05	1752967.87	386538.56	39°33'28.6809"N	80°22'34.1890"W	4847.31	21.151	0.66	-0.51	0.42
12217.00	89.450	329.030	7870.65	3958.99	4602.53	1700.71	1752919.53	386620.34	39°33'29.4845"N	80°22'34.8164"W	4906.70	20.280	1.21	-0.91	-0.80
12312.00	90.860	328.090	7870.39	4050.53	4683.58	1651.16	1752869.99	386701.38	39°33'30.2807"N	80°22'35.4591"W	4966.11	19.420	1.78	1.48	-0.99
12407.00	90.150	324.530	7869.56	4140.98	4762.61	1598.47	1752817.30	386780.40	39°33'31.0566"N	80°22'36.1415"W	5023.70	18.553	3.82	-0.75	-3.75
12502.00	90.060	320.330	7869.38	4229.27	4837.89	1540.56	1752759.40	386855.68	39°33'31.7950"N	80°22'36.8903"W	5077.26	17.663	4.42	-0.09	-4.42



Actual Wellpath Report

Elliott 17H (L-004601) AWP Proj: 24111'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 17H (L-004601)
Field	Marion	API	47-049-02506-00-00
Facility	Elliott Pad	Wellbore	Elliott 17H (L-004601) AWB
Slot	Slot 17		

WELLPATH DATA (273 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]
12597.00	90.220	317.590	7869.15	4315.28	4909.54	1478.19	1752697.03	386927.32	39°33'32.4971"N	80°22'37.6955"W	5127.24	16.756	2.89	0.17	-2.88
12692.00	90.340	316.730	7868.69	4399.99	4979.20	1413.59	1752632.44	386996.98	39°33'33.1792"N	80°22'38.5288"W	5175.97	15.849	0.91	0.13	-0.91
12787.00	90.340	314.450	7868.12	4483.49	5047.05	1347.12	1752565.97	387064.83	39°33'33.8435"N	80°22'39.3860"W	5223.74	14.945	2.40	0.00	-2.40
12883.00	89.510	313.950	7868.25	4566.74	5113.98	1278.30	1752497.15	387131.75	39°33'34.4982"N	80°22'40.2730"W	5271.32	14.034	1.01	-0.86	-0.52
12978.00	90.120	310.740	7868.55	4647.53	5177.96	1208.09	1752426.95	387195.73	39°33'35.1238"N	80°22'41.1773"W	5317.03	13.133	3.44	0.64	-3.38
13073.00	89.880	310.910	7868.55	4726.98	5240.07	1136.21	1752355.07	387257.83	39°33'35.7306"N	80°22'42.1028"W	5361.84	12.234	0.31	-0.25	0.18
13168.00	89.320	313.960	7869.22	4807.85	5304.16	1066.10	1752284.97	387321.92	39°33'36.3572"N	80°22'43.0058"W	5410.24	11.365	3.26	-0.59	3.21
13263.00	89.080	316.610	7870.54	4891.10	5371.66	999.27	1752218.14	387389.41	39°33'37.0178"N	80°22'43.8675"W	5463.81	10.538	2.80	-0.25	2.79
13358.00	89.260	319.530	7871.92	4976.47	5442.32	935.81	1752154.68	387460.07	39°33'37.7100"N	80°22'44.6866"W	5522.19	9.757	3.08	0.19	3.07
13453.00	89.200	322.610	7873.20	5063.90	5516.21	876.12	1752095.00	387533.95	39°33'38.4345"N	80°22'45.4578"W	5585.35	9.025	3.24	-0.06	3.24
13548.00	89.140	326.790	7874.57	5153.49	5593.71	821.25	1752040.13	387611.46	39°33'39.1951"N	80°22'46.1681"W	5653.68	8.352	4.40	-0.06	4.40
13643.00	88.890	330.700	7876.21	5245.08	5674.90	771.97	1751990.85	387692.64	39°33'39.9927"N	80°22'46.8074"W	5727.16	7.747	4.12	-0.26	4.12
13738.00	89.820	336.100	7877.28	5338.40	5759.80	729.45	1751948.34	387777.54	39°33'40.8277"N	80°22'47.3608"W	5805.81	7.218	5.77	0.98	5.68
13833.00	89.200	339.040	7878.09	5432.77	5847.60	693.21	1751912.10	387865.33	39°33'41.6919"N	80°22'47.8345"W	5888.55	6.761	3.16	-0.65	3.09
13928.00	89.690	338.010	7879.01	5527.32	5936.00	658.43	1751877.32	387953.73	39°33'42.5622"N	80°22'48.2896"W	5972.41	6.329	1.20	0.52	-1.08
14023.00	91.080	339.000	7878.37	5621.87	6024.39	623.63	1751842.52	388042.11	39°33'43.4323"N	80°22'48.7451"W	6056.58	5.910	1.80	1.46	1.04
14118.00	89.140	341.430	7878.19	5716.64	6113.77	591.47	1751810.37	388131.48	39°33'44.3125"N	80°22'49.1668"W	6142.32	5.526	3.27	-2.04	2.56
14213.00	89.660	343.570	7879.19	5811.59	6204.36	562.91	1751781.81	388222.07	39°33'45.2051"N	80°22'49.5428"W	6229.85	5.184	2.32	0.55	2.25
14307.00	90.400	348.020	7879.14	5905.53	6295.47	539.85	1751758.75	388313.17	39°33'46.1032"N	80°22'49.8486"W	6318.57	4.901	4.80	0.79	4.73
14402.00	89.880	347.220	7878.90	6000.34	6388.26	519.48	1751738.38	388405.95	39°33'47.0182"N	80°22'50.1203"W	6409.34	4.649	1.00	-0.55	-0.84
14497.00	90.220	347.150	7878.82	6095.20	6480.89	498.41	1751717.31	388498.58	39°33'47.9317"N	80°22'50.4009"W	6500.03	4.398	0.37	0.36	-0.07
14591.00	89.260	343.410	7879.25	6189.16	6571.79	474.53	1751693.43	388589.47	39°33'48.8277"N	80°22'50.7172"W	6588.90	4.130	4.11	-1.02	-3.98
14686.00	89.420	340.010	7880.34	6284.06	6661.97	444.72	1751663.63	388679.65	39°33'49.7160"N	80°22'51.1090"W	6676.80	3.819	3.58	0.17	-3.58
14782.00	88.890	335.540	7881.76	6379.45	6750.80	408.43	1751627.33	388768.48	39°33'50.5904"N	80°22'51.5836"W	6763.15	3.462	4.69	-0.55	-4.66
14877.00	89.290	337.020	7883.27	6473.56	6837.76	370.22	1751589.12	388855.43	39°33'51.4461"N	80°22'52.0823"W	6847.78	3.099	1.61	0.42	1.56
14973.00	89.350	333.280	7884.41	6568.37	6924.85	329.88	1751548.79	388942.52	39°33'52.3029"N	80°22'52.6082"W	6932.71	2.727	3.90	0.06	-3.90
15067.00	89.010	333.430	7885.75	6660.72	7008.86	287.73	1751506.64	389026.52	39°33'53.1291"N	80°22'53.1569"W	7014.77	2.351	0.40	-0.36	0.16
15163.00	89.020	333.880	7887.40	6755.13	7094.88	245.14	1751464.05	389112.53	39°33'53.9750"N	80°22'53.7116"W	7099.11	1.979	0.47	0.01	0.47
15258.00	89.660	333.280	7888.50	6848.53	7179.95	202.87	1751421.79	389197.60	39°33'54.8117"N	80°22'54.2619"W	7182.82	1.618	0.92	0.67	-0.63
15353.00	90.310	333.050	7888.52	6941.82	7264.72	159.98	1751378.90	389282.36	39°33'55.6453"N	80°22'54.8201"W	7266.48	1.262	0.73	0.68	-0.24



Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 17H (L-004601)
Field	Marion	API	47-049-02506-00-00
Facility	Elliott Pad	Wellbore	Elliott 17H (L-004601) AWB
Slot	Slot 17		

WELLPATH DATA (273 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]
15448.00	90.460	332.240	7887.88	7034.93	7349.09	116.33	1751335.26	389366.73	39°33'56.4749"N	80°22'55.3880"W	7350.01	0.907	0.87	0.16	-0.85
15543.00	90.090	328.860	7887.43	7127.29	7431.81	69.63	1751288.56	389449.44	39°33'57.2878"N	80°22'55.9947"W	7432.13	0.537	3.58	-0.39	-3.56
15638.00	89.660	328.620	7887.63	7218.91	7513.01	20.33	1751239.26	389530.64	39°33'58.0855"N	80°22'56.6343"W	7513.04	0.155	0.52	-0.45	-0.25
15733.00	89.940	328.680	7887.97	7310.49	7594.14	-29.09	1751189.84	389611.76	39°33'58.8825"N	80°22'57.2755"W	7594.20	359.791	0.30	0.29	0.06
15828.00	88.920	329.070	7888.91	7402.16	7675.46	-78.19	1751140.74	389693.08	39°33'59.6814"N	80°22'57.9127"W	7675.86	359.416	1.15	-1.07	0.41
15923.00	89.320	328.090	7890.37	7493.70	7756.52	-127.71	1751091.23	389774.13	39°34'0.4777"N	80°22'58.5551"W	7757.57	359.057	1.11	0.42	-1.03
16018.00	89.820	329.370	7891.08	7585.31	7837.72	-177.02	1751041.92	389855.32	39°34'1.2753"N	80°22'59.1949"W	7839.71	358.706	1.45	0.53	1.35
16113.00	89.820	328.840	7891.38	7677.08	7919.24	-225.80	1750993.14	389936.84	39°34'2.0762"N	80°22'59.8280"W	7922.45	358.367	0.56	0.00	-0.56
16209.00	89.380	327.210	7892.05	7769.34	8000.67	-276.63	1750942.31	390018.26	39°34'2.8761"N	80°23'0.4873"W	8005.45	358.020	1.76	-0.46	-1.70
16303.00	89.600	329.460	7892.89	7859.81	8080.66	-325.97	1750892.98	390098.26	39°34'3.6619"N	80°23'1.1273"W	8087.24	357.690	2.40	0.23	2.39
16399.00	88.950	329.070	7894.10	7952.61	8163.17	-375.03	1750843.92	390180.76	39°34'4.4725"N	80°23'1.7641"W	8171.78	357.370	0.79	-0.68	-0.41
16494.00	89.630	327.540	7895.28	8044.03	8243.99	-424.94	1750794.02	390261.58	39°34'5.2664"N	80°23'2.4115"W	8254.94	357.049	1.76	0.72	-1.61
16589.00	90.490	331.000	7895.18	8135.86	8325.64	-473.47	1750745.48	390343.22	39°34'6.0686"N	80°23'3.0415"W	8339.09	356.745	3.75	0.91	3.64
16684.00	89.750	330.860	7894.98	8228.37	8408.67	-519.63	1750699.33	390426.25	39°34'6.8847"N	80°23'3.6413"W	8424.71	356.464	0.79	-0.78	-0.15
16779.00	90.090	331.300	7895.12	8320.94	8491.83	-565.57	1750653.39	390509.39	39°34'7.7020"N	80°23'4.2384"W	8510.64	356.190	0.59	0.36	0.46
16874.00	89.910	330.820	7895.12	8413.50	8574.96	-611.54	1750607.42	390592.53	39°34'8.5191"N	80°23'4.8358"W	8596.74	355.921	0.54	-0.19	-0.51
16969.00	90.220	331.490	7895.01	8506.10	8658.18	-657.37	1750561.59	390675.73	39°34'9.3370"N	80°23'5.4315"W	8683.10	355.658	0.78	0.33	0.71
17064.00	90.220	331.270	7894.64	8598.78	8741.57	-702.88	1750516.09	390759.12	39°34'10.1567"N	80°23'6.0230"W	8769.78	355.403	0.23	0.00	-0.23
17159.00	89.820	330.980	7894.61	8691.36	8824.76	-748.75	1750470.22	390842.30	39°34'10.9744"N	80°23'6.6192"W	8856.46	355.150	0.52	-0.42	-0.31
17254.00	89.780	330.950	7894.94	8783.89	8907.82	-794.86	1750424.12	390925.36	39°34'11.7908"N	80°23'7.2184"W	8943.21	354.901	0.05	-0.04	-0.03
17349.00	90.000	330.420	7895.12	8876.31	8990.65	-841.37	1750377.61	391008.19	39°34'12.6049"N	80°23'7.8228"W	9029.93	354.654	0.60	0.23	-0.56
17444.00	89.660	330.340	7895.41	8968.61	9073.24	-888.33	1750330.66	391090.77	39°34'13.4165"N	80°23'8.4327"W	9116.62	354.408	0.37	-0.36	-0.08
17539.00	89.750	331.080	7895.89	9061.04	9156.09	-934.80	1750284.18	391173.62	39°34'14.2308"N	80°23'9.0366"W	9203.68	354.171	0.78	0.09	0.78
17634.00	89.940	330.790	7896.15	9153.55	9239.12	-980.95	1750238.03	391256.65	39°34'15.0469"N	80°23'9.6364"W	9291.05	353.939	0.36	0.20	-0.31
17729.00	89.940	330.950	7896.25	9246.04	9322.11	-1027.20	1750191.79	391339.63	39°34'15.8625"N	80°23'10.2373"W	9378.53	353.712	0.17	0.00	0.17
17824.00	89.750	330.770	7896.51	9338.53	9405.08	-1073.46	1750145.54	391422.60	39°34'16.6780"N	80°23'10.8385"W	9466.15	353.489	0.28	-0.20	-0.19
17919.00	89.940	330.780	7896.77	9430.98	9487.99	-1119.84	1750099.16	391505.50	39°34'17.4929"N	80°23'11.4412"W	9553.85	353.269	0.20	0.20	0.01
18014.00	90.220	330.980	7896.63	9523.47	9570.98	-1166.07	1750052.93	391588.49	39°34'18.3085"N	80°23'12.0420"W	9641.76	353.054	0.36	0.29	0.21
18109.00	89.850	331.180	7896.57	9616.04	9654.14	-1212.01	1750006.99	391671.63	39°34'19.1258"N	80°23'12.6391"W	9729.92	352.844	0.44	-0.39	0.21
18203.00	89.720	330.740	7896.93	9707.59	9736.32	-1257.64	1749961.36	391753.81	39°34'19.9336"N	80°23'13.2321"W	9817.21	352.640	0.49	-0.14	-0.47



Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 17H (L-004601)
Field	Marion	API	47-049-02506-00-00
Facility	Elliott Pad	Wellbore	Elliott 17H (L-004601) AWB
Slot	Slot 17		

WELLPATH DATA (273 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]
18298.00	89.880	329.950	7897.26	9799.88	9818.87	-1304.65	1749914.36	391836.36	39°34'20.7449"N	80°23'13.8427"W	9905.17	352.431	0.85	0.17	-0.83
18393.00	89.480	329.980	7897.79	9892.01	9901.12	-1352.20	1749866.82	391918.60	39°34'21.5530"N	80°23'14.4603"W	9993.02	352.223	0.42	-0.42	0.03
18489.00	91.510	329.540	7896.96	9985.02	9984.04	-1400.54	1749818.48	392001.52	39°34'22.3678"N	80°23'15.0880"W	10081.80	352.015	2.16	2.11	-0.46
18584.00	90.180	331.150	7895.56	10077.30	10066.59	-1447.53	1749771.48	392084.06	39°34'23.1790"N	80°23'15.6986"W	10170.13	351.817	2.20	-1.40	1.69
18679.00	89.690	328.360	7895.67	10169.34	10148.65	-1495.38	1749723.64	392166.12	39°34'23.9853"N	80°23'16.3199"W	10258.23	351.618	2.98	-0.52	-2.94
18774.00	92.000	329.040	7894.27	10260.92	10229.81	-1544.73	1749674.30	392247.27	39°34'24.7826"N	80°23'16.9603"W	10345.78	351.413	2.53	2.43	0.72
18869.00	89.720	330.300	7892.84	10352.92	10311.79	-1592.69	1749626.34	392329.25	39°34'25.5881"N	80°23'17.5831"W	10434.06	351.220	2.74	-2.40	1.33
18964.00	89.910	330.540	7893.15	10445.24	10394.41	-1639.58	1749579.44	392411.86	39°34'26.4000"N	80°23'18.1924"W	10522.92	351.036	0.32	0.20	0.25
19059.00	89.540	329.420	7893.60	10537.38	10476.66	-1687.11	1749531.92	392494.11	39°34'27.2082"N	80°23'18.8097"W	10611.63	350.852	1.24	-0.39	-1.18
19154.00	89.970	328.370	7894.01	10629.06	10558.00	-1736.19	1749482.85	392575.44	39°34'28.0073"N	80°23'19.4466"W	10699.80	350.662	1.19	0.45	-1.11
19249.00	90.650	328.770	7893.49	10720.60	10639.06	-1785.73	1749433.31	392656.50	39°34'28.8035"N	80°23'20.0894"W	10787.88	350.472	0.83	0.72	0.42
19344.00	90.710	330.860	7892.37	10812.67	10721.17	-1833.49	1749385.56	392738.60	39°34'29.6103"N	80°23'20.7097"W	10876.81	350.295	2.20	0.06	2.20
19439.00	90.430	330.040	7891.42	10904.99	10803.80	-1880.34	1749338.71	392821.23	39°34'30.4224"N	80°23'21.3184"W	10966.21	350.127	0.91	-0.29	-0.86
19534.00	89.630	329.820	7891.37	10997.11	10886.02	-1927.94	1749291.11	392903.44	39°34'31.2303"N	80°23'21.9367"W	11055.42	349.957	0.87	-0.84	-0.23
19629.00	89.880	328.290	7891.78	11088.86	10967.49	-1976.78	1749242.27	392984.91	39°34'32.0307"N	80°23'22.5707"W	11144.22	349.783	1.63	0.26	-1.61
19724.00	91.290	329.650	7890.81	11180.58	11048.89	-2025.75	1749193.30	393066.30	39°34'32.8303"N	80°23'23.2063"W	11233.06	349.611	2.06	1.48	1.43
19819.00	90.550	329.270	7889.28	11272.49	11130.70	-2074.02	1749145.04	393148.11	39°34'33.6341"N	80°23'23.8331"W	11322.28	349.445	0.88	-0.78	-0.40
19915.00	90.220	329.580	7888.64	11365.37	11213.35	-2122.85	1749096.21	393230.75	39°34'34.4461"N	80°23'24.4671"W	11412.52	349.280	0.47	-0.34	0.32
20010.00	89.880	330.040	7888.56	11457.44	11295.46	-2170.62	1749048.44	393312.86	39°34'35.2530"N	80°23'25.0875"W	11502.13	349.122	0.60	-0.36	0.48
20105.00	89.820	329.810	7888.80	11549.56	11377.67	-2218.23	1749000.84	393395.07	39°34'36.0608"N	80°23'25.7059"W	11591.89	348.968	0.25	-0.06	-0.24
20200.00	89.750	329.780	7889.16	11641.63	11459.78	-2266.02	1748953.05	393477.16	39°34'36.8675"N	80°23'26.3266"W	11681.67	348.815	0.08	-0.07	-0.03
20295.00	89.940	329.950	7889.42	11733.72	11541.94	-2313.71	1748905.36	393559.32	39°34'37.6748"N	80°23'26.9461"W	11771.56	348.665	0.27	0.20	0.18
20390.00	90.280	329.720	7889.24	11825.81	11624.07	-2361.45	1748857.62	393641.45	39°34'38.4818"N	80°23'27.5661"W	11861.51	348.517	0.43	0.36	-0.24
20485.00	89.880	330.190	7889.10	11917.94	11706.30	-2409.02	1748810.06	393723.68	39°34'39.2898"N	80°23'28.1839"W	11951.61	348.372	0.65	-0.42	0.49
20580.00	89.910	329.810	7889.28	12010.09	11788.58	-2456.52	1748762.56	393805.95	39°34'40.0983"N	80°23'28.8009"W	12041.80	348.229	0.40	0.03	-0.40
20675.00	89.970	329.860	7889.38	12102.17	11870.71	-2504.25	1748714.83	393888.08	39°34'40.9053"N	80°23'29.4210"W	12131.99	348.088	0.08	0.06	0.05
20770.00	89.510	330.320	7889.81	12194.35	11953.06	-2551.62	1748667.46	393970.42	39°34'41.7145"N	80°23'30.0363"W	12222.37	347.950	0.68	-0.48	0.48
20865.00	90.060	330.500	7890.16	12286.67	12035.67	-2598.53	1748620.56	394053.02	39°34'42.5263"N	80°23'30.6459"W	12312.99	347.817	0.61	0.58	0.19
20960.00	89.380	329.460	7890.63	12378.81	12117.92	-2646.06	1748573.03	394135.27	39°34'43.3345"N	80°23'31.2632"W	12403.45	347.682	1.31	-0.72	-1.09
21055.00	90.090	330.550	7891.07	12470.95	12200.19	-2693.55	1748525.54	394217.54	39°34'44.1429"N	80°23'31.8802"W	12494.00	347.550	1.37	0.75	1.15



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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 17H (L-004601)
Field	Marion	API	47-049-02506-00-00
Facility	Elliott Pad	Wellbore	Elliott 17H (L-004601) AWB
Slot	Slot 17		

WELLPATH DATA (273 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]
21150.00	89.780	329.610	7891.18	12563.14	12282.53	-2740.93	1748478.16	394299.87	39°34'44.9520"N	80°23'32.4957"W	12584.65	347.420	1.04	-0.33	-0.99
21245.00	89.780	328.030	7891.54	12654.79	12363.81	-2790.12	1748428.98	394381.14	39°34'45.7504"N	80°23'33.1341"W	12674.72	347.283	1.66	0.00	-1.66
21340.00	90.280	330.290	7891.49	12746.58	12445.37	-2838.81	1748380.29	394462.70	39°34'46.5516"N	80°23'33.7664"W	12765.03	347.151	2.44	0.53	2.38
21435.00	90.180	329.510	7891.11	12838.69	12527.56	-2886.46	1748332.65	394544.88	39°34'47.3592"N	80°23'34.3853"W	12855.79	347.025	0.83	-0.11	-0.82
21531.00	89.940	330.020	7891.01	12931.71	12610.50	-2934.80	1748284.31	394627.82	39°34'48.1741"N	80°23'35.0131"W	12947.50	346.899	0.59	-0.25	0.53
21626.00	89.750	329.910	7891.27	13023.85	12692.74	-2982.35	1748236.76	394710.05	39°34'48.9822"N	80°23'35.6308"W	13038.41	346.777	0.23	-0.20	-0.12
21721.00	90.370	330.930	7891.17	13116.16	12775.36	-3029.24	1748189.87	394792.67	39°34'49.7941"N	80°23'36.2402"W	13129.59	346.661	1.26	0.65	1.07
21816.00	89.570	329.200	7891.22	13208.34	12857.68	-3076.65	1748142.47	394874.98	39°34'50.6030"N	80°23'36.8561"W	13220.65	346.543	2.01	-0.84	-1.82
21911.00	89.510	328.970	7891.98	13300.10	12939.18	-3125.45	1748093.67	394956.48	39°34'51.4037"N	80°23'37.4897"W	13311.30	346.420	0.25	-0.06	-0.24
22007.00	89.320	329.060	7892.96	13392.80	13021.48	-3174.87	1748044.25	395038.77	39°34'52.2121"N	80°23'38.1313"W	13402.93	346.298	0.22	-0.20	0.09
22102.00	89.510	329.460	7893.93	13484.64	13103.12	-3223.43	1747995.70	395120.41	39°34'53.0143"N	80°23'38.7618"W	13493.79	346.179	0.47	0.20	0.42
22197.00	89.630	329.860	7894.64	13576.65	13185.11	-3271.41	1747947.71	395202.39	39°34'53.8198"N	80°23'39.3850"W	13584.89	346.065	0.44	0.13	0.42
22292.00	89.880	329.750	7895.05	13668.72	13267.22	-3319.19	1747899.94	395284.50	39°34'54.6266"N	80°23'40.0057"W	13676.12	345.954	0.29	0.26	-0.12
22387.00	90.150	330.210	7895.02	13760.86	13349.47	-3366.72	1747852.41	395366.75	39°34'55.4348"N	80°23'40.6231"W	13767.47	345.845	0.56	0.28	0.48
22482.00	89.850	329.970	7895.02	13853.05	13431.82	-3414.09	1747805.04	395449.09	39°34'56.2439"N	80°23'41.2386"W	13858.93	345.739	0.40	-0.32	-0.25
22577.00	89.780	330.210	7895.33	13945.23	13514.17	-3461.46	1747757.68	395531.43	39°34'57.0531"N	80°23'41.8540"W	13950.43	345.633	0.26	-0.07	0.25
22672.00	89.880	330.240	7895.61	14037.47	13596.63	-3508.64	1747710.50	395613.89	39°34'57.8633"N	80°23'42.4670"W	14042.04	345.530	0.11	0.11	0.03
22768.00	90.030	330.120	7895.69	14130.67	13679.91	-3556.38	1747662.77	395697.17	39°34'58.6818"N	80°23'43.0873"W	14134.63	345.427	0.20	0.16	-0.13
22863.00	89.780	330.410	7895.84	14222.92	13762.41	-3603.50	1747615.65	395779.66	39°34'59.4924"N	80°23'43.6996"W	14226.35	345.327	0.40	-0.26	0.31
22958.00	89.630	329.480	7896.33	14315.05	13844.63	-3651.07	1747568.08	395861.88	39°35'0.3003"N	80°23'44.3177"W	14317.97	345.226	0.99	-0.16	-0.98
23053.00	90.030	330.080	7896.62	14407.11	13926.72	-3698.89	1747520.26	395943.96	39°35'1.1068"N	80°23'44.9388"W	14409.55	345.126	0.76	0.42	0.63
23148.00	89.970	330.300	7896.62	14499.33	14009.15	-3746.12	1747473.04	396026.38	39°35'1.9168"N	80°23'45.5525"W	14501.37	345.029	0.24	-0.06	0.23
23242.00	90.090	330.230	7896.57	14590.62	14090.77	-3792.74	1747426.42	396108.00	39°35'2.7189"N	80°23'46.1583"W	14592.28	344.935	0.15	0.13	-0.07
23337.00	89.880	329.870	7896.59	14682.79	14173.08	-3840.17	1747378.99	396190.31	39°35'3.5277"N	80°23'46.7745"W	14684.11	344.840	0.44	-0.22	-0.38
23432.00	90.250	329.980	7896.48	14774.91	14255.29	-3887.77	1747331.39	396272.52	39°35'4.3354"N	80°23'47.3930"W	14775.93	344.745	0.41	0.39	0.12
23527.00	90.030	329.920	7896.25	14867.04	14337.53	-3935.35	1747283.82	396354.74	39°35'5.1434"N	80°23'48.0111"W	14867.80	344.652	0.24	-0.23	-0.06
23622.00	89.850	329.910	7896.35	14959.15	14419.73	-3982.97	1747236.20	396436.94	39°35'5.9511"N	80°23'48.6298"W	14959.70	344.559	0.19	-0.19	-0.01
23716.00	89.970	329.740	7896.50	15050.26	14500.99	-4030.22	1747188.96	396518.20	39°35'6.7495"N	80°23'49.2436"W	15050.63	344.468	0.22	0.13	-0.18
23811.00	89.910	329.810	7896.60	15142.32	14583.07	-4078.04	1747141.14	396600.28	39°35'7.5560"N	80°23'49.8648"W	15142.54	344.377	0.10	-0.06	0.07
23906.00	90.000	329.730	7896.67	15234.38	14665.16	-4125.87	1747093.31	396682.35	39°35'8.3625"N	80°23'50.4862"W	15234.49	344.287	0.13	0.09	-0.08



Actual Wellpath Report

Elliott 17H (L-004601) AWP Proj: 24111'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 17H (L-004601)
Field	Marion	API	47-049-02506-00-00
Facility	Elliott Pad	Wellbore	Elliott 17H (L-004601) AWB
Slot	Slot 17		

WELLPATH DATA (273 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]
24001.00	89.940	329.840	7896.72	15326.44	14747.25	-4173.68	1747045.50	396764.44	39°35'9.1691"N	80°23'51.1072"W	15326.48	344.198	0.13	-0.06	0.12
24086.00	90.030	329.850	7896.74	15408.83	14820.75	-4216.38	1747002.81	396837.93	39°35'9.8912"N	80°23'51.6620"W	15408.84	344.119	0.11	0.11	0.01
24111.00‡	90.030	329.850	7896.73	15433.07	14842.36	-4228.93	1746990.25	396859.55	39°35'10.1036"N	80°23'51.8251"W	15433.07	344.097	0.00	0.00	0.00

HOLE & CASING SECTIONS - Ref Wellbore: Elliott 17H (L-004601) AWB Ref Wellpath: Elliott 17H (L-004601) AWP Proj: 24111'									
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	1030.00	1002.00	28.00	1029.99	0.00	0.00	-4.24	0.35
13.375in Casing Surface	28.00	1030.00	1002.00	28.00	1029.99	0.00	0.00	-4.24	0.35
12.25in Open Hole	1030.00	2507.00	1477.00	1029.99	2501.45	-4.24	0.35	63.71	92.33
9.625in Casing Intermediate	28.00	2507.00	2479.00	28.00	2501.45	0.00	0.00	63.71	92.33
8.75in Open Hole	2507.00	8085.00	5578.00	2501.45	7039.19	63.71	92.33	1391.86	2916.12
8.5in Open Hole	8085.00	24111.00	16026.00	7039.19	7896.73	1391.86	2916.12	14842.36	-4228.93
5.5in Casing Production	28.00	24111.00	24083.00	28.00	7896.73	0.00	0.00	14842.36	-4228.93

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Elliott 17H LP Rev-1	7840.00	2154.80	3132.12	1754350.87	384172.75	39°33'5.4316"N	80°22'16.2387"W	point
Elliott 17H BHL Rev-1	7969.40	14840.88	-4236.01	1746983.17	396858.07	39°35'10.0883"N	80°23'51.9153"W	point
Elliott Pad Hardline #1 (8.31.21)	8500.00	9839.52	-8082.36	1743137.05	391857.00	39°34'20.2784"N	80°24'40.3925"W	polygon
2D Polygon: dimensions not calculated								
Elliott Pad Hardline #2 (8.31.21)	8500.00	8315.78	-7616.40	1743602.99	390333.36	39°34'5.2663"N	80°24'34.2454"W	polygon
2D Polygon: dimensions not calculated								
Elliott Pad Hardline #3 (8.31.21)	8500.00	12376.32	-8803.89	1742415.57	394393.65	39°34'45.2765"N	80°24'49.9355"W	polygon
2D Polygon: dimensions not calculated								
Elliott Pad L&A1 (8.31.21)	8500.00	-1073.39	-2382.08	1748837.00	380944.75	39°32'32.9936"N	80°23'26.2220"W	polygon
2D Polygon: dimensions not calculated								

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Elliott Pad L&A2 (8.31.21)	8500.00	1113.36	-5464.82	1745754.44	383131.37	39°32'54.3009"N	80°24'5.8498"W	polygon
	2D Polygon: dimensions not calculated							
Elliott Pad L&A3 (8.31.21)	8500.00	3117.36	-4321.21	1746897.98	385135.25	39°33'14.2192"N	80°23'51.5073"W	polygon
	2D Polygon: dimensions not calculated							

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Elliott Pad L&A4 (8.31.21)	8500.00	3713.30	-5045.07	1746174.16	385731.16	39°33'20.0371"N	80°24'0.8243"W	polygon
	2D Polygon: dimensions not calculated							
Elliott Pad L&A5 (8.31.21)	8500.00	5766.20	2330.66	1753549.45	387783.94	39°33'41.0454"N	80°22'26.9184"W	polygon
	2D Polygon: dimensions not calculated							



Actual Wellpath Report
 Elliott 17H (L-004601) AWP Proj: 24111'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 17H (L-004601)
Field	Marion	API	47-049-02506-00-00
Facility	Elliott Pad	Wellbore	Elliott 17H (L-004601) AWB
Slot	Slot 17		

WELLPATH COMPOSITION - Ref Wellbore: Elliott 17H (L-004601) AWB Ref Wellpath: Elliott 17H (L-004601) AWP Proj: 24111'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
28.00	890.00	Gyrodata 2015 - CT+WIR+ALC	01 Gyrodata Cont Gyro <17-1/2">(115'-890')	Elliott 17H (L-004601) AWB	7/8/2021
890.00	8010.00	OWSG MWD rev2 - Standard	02 SDI MWD <8-3/4">(890')(1051'-8010')	Elliott 17H (L-004601) AWB	7/8/2021
8010.00	24111.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	03 BH AT Curve + H&P MSA <8-1/2">(8010')(8126'-24086')	Elliott 17H (L-004601) AWB	9/7/2021



Actual Wellpath Report

Elliott 17H (L-004601) AWP Proj: 24111'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 17H (L-004601)
Field	Marion	API	47-049-02506-00-00
Facility	Elliott Pad	Wellbore	Elliott 17H (L-004601) AWB
Slot	Slot 17		

COMMENTS
<p>Wellpath general comments API: 47-049-02506-0000 BH Job #: 110974191 Rig: Patterson 292 Duration: 9/10/21 - 9/13/21</p> <p>01_Gyrodata Cont Gyro <17-1/2">(115'-890') 02_SDI MWD <8-3/4">(890')(1051'-8010') 03_BH AT Curve + H&P MSA <8-1/2">(8010')(8126'-24086') Projected MD at TD: 24111'</p>



KB Elevation=1370 FT
 Ground Elevation=1342 FT
 All Survey Measurements were taken from KB Elevation

