



Actual Wellpath Report

Elliott 7H (L-003941) AWP Proj: 19077'

Page 1 of 9



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 7H (L-003941)
Field	Marion	API	47-049-02502-00-00
Facility	Elliot Pad	Wellbore	Elliott 7H (L-003941) AWB
Slot	Slot 07		

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	8/31/2021 at 9:23:08 AM
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	41.45	17.51	1751189.74	381949.00	39°32'43.1485"N	80°22'56.3158"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 07)	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	323.92°



Actual Wellpath Report

Elliott 7H (L-003941) AWP Proj: 19077'
Page 2 of 9



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 7H (L-003941)
Field	Marion	API	47-049-02502-00-00
Facility	Elliot Pad	Wellbore	Elliott 7H (L-003941) AWB
Slot	Slot 07		

WELLPATH DATA (210 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	195.640	0.00	0.00	0.00	0.00	1751189.74	381949.00	39°32'43.1485"N	80°22'56.3158"W	0.00	0.000	0.00	0.00	0.00
28.00	0.000	195.640	28.00	0.00	0.00	0.00	1751189.74	381949.00	39°32'43.1485"N	80°22'56.3158"W	0.00	0.000	0.00	0.00	0.00
115.00	0.210	195.640	115.00	-0.10	-0.15	-0.04	1751189.70	381948.85	39°32'43.1469"N	80°22'56.3164"W	0.16	195.640	0.24	0.24	0.00
215.00	0.190	201.520	215.00	-0.30	-0.48	-0.15	1751189.59	381948.52	39°32'43.1437"N	80°22'56.3177"W	0.51	197.556	0.03	-0.02	5.88
315.00	0.120	233.620	315.00	-0.39	-0.70	-0.30	1751189.44	381948.30	39°32'43.1415"N	80°22'56.3195"W	0.76	203.066	0.11	-0.07	32.10
415.00	0.090	230.080	415.00	-0.40	-0.81	-0.44	1751189.30	381948.19	39°32'43.1404"N	80°22'56.3214"W	0.93	208.576	0.03	-0.03	-3.54
515.00	0.110	234.610	515.00	-0.40	-0.92	-0.58	1751189.16	381948.08	39°32'43.1393"N	80°22'56.3231"W	1.09	212.315	0.02	0.02	4.53
615.00	0.130	243.100	615.00	-0.38	-1.03	-0.76	1751188.98	381947.97	39°32'43.1382"N	80°22'56.3254"W	1.28	216.557	0.03	0.02	8.49
715.00	0.130	260.520	715.00	-0.31	-1.10	-0.97	1751188.77	381947.90	39°32'43.1375"N	80°22'56.3281"W	1.47	221.622	0.04	0.00	17.42
815.00	0.150	258.080	815.00	-0.21	-1.14	-1.21	1751188.53	381947.86	39°32'43.1371"N	80°22'56.3312"W	1.67	226.752	0.02	0.02	-2.44
915.00	0.190	258.090	915.00	-0.09	-1.20	-1.50	1751188.24	381947.80	39°32'43.1364"N	80°22'56.3349"W	1.93	231.347	0.04	0.04	0.01
1015.00	0.220	258.010	1015.00	0.06	-1.28	-1.85	1751187.89	381947.72	39°32'43.1357"N	80°22'56.3393"W	2.25	235.442	0.03	0.03	-0.08
1115.00	0.210	264.000	1115.00	0.23	-1.34	-2.22	1751187.52	381947.66	39°32'43.1350"N	80°22'56.3441"W	2.59	239.006	0.02	-0.01	5.99
1215.00	0.210	251.990	1215.00	0.38	-1.41	-2.58	1751187.16	381947.59	39°32'43.1343"N	80°22'56.3486"W	2.94	241.316	0.04	0.00	-12.01
1315.00	0.220	257.660	1314.99	0.51	-1.51	-2.94	1751186.80	381947.49	39°32'43.1332"N	80°22'56.3532"W	3.31	242.840	0.02	0.01	5.67
1415.00	0.220	257.900	1414.99	0.67	-1.59	-3.32	1751186.42	381947.41	39°32'43.1324"N	80°22'56.3580"W	3.68	244.382	0.00	0.00	0.24
1515.00	0.270	222.930	1514.99	0.70	-1.80	-3.67	1751186.07	381947.20	39°32'43.1303"N	80°22'56.3624"W	4.09	243.803	0.15	0.05	-34.97
1615.00	0.310	218.960	1614.99	0.59	-2.19	-4.00	1751185.74	381946.81	39°32'43.1265"N	80°22'56.3666"W	4.56	241.317	0.04	0.04	-3.97
1715.00	0.300	216.750	1714.99	0.44	-2.61	-4.32	1751185.42	381946.39	39°32'43.1223"N	80°22'56.3707"W	5.05	238.913	0.02	-0.01	-2.21
1815.00	0.320	219.650	1814.99	0.29	-3.03	-4.66	1751185.08	381945.97	39°32'43.1180"N	80°22'56.3749"W	5.56	236.945	0.03	0.02	2.90
1915.00	0.290	214.670	1914.99	0.14	-3.45	-4.98	1751184.76	381945.55	39°32'43.1138"N	80°22'56.3790"W	6.06	235.253	0.04	-0.03	-4.98
2015.00	0.330	222.990	2014.99	0.00	-3.87	-5.32	1751184.42	381945.13	39°32'43.1097"N	80°22'56.3833"W	6.58	233.946	0.06	0.04	8.32
2115.00	0.290	227.370	2114.98	-0.08	-4.26	-5.70	1751184.04	381944.74	39°32'43.1058"N	80°22'56.3881"W	7.12	233.272	0.05	-0.04	4.38
2215.00	0.190	255.700	2214.98	-0.05	-4.47	-6.05	1751183.69	381944.53	39°32'43.1037"N	80°22'56.3925"W	7.52	233.555	0.15	-0.10	28.33
2315.00	0.180	195.670	2314.98	-0.08	-4.66	-6.25	1751183.49	381944.34	39°32'43.1018"N	80°22'56.3951"W	7.80	233.306	0.19	-0.01	-60.03
2415.00	0.140	284.600	2414.98	-0.09	-4.78	-6.41	1751183.33	381944.22	39°32'43.1006"N	80°22'56.3971"W	8.00	233.302	0.23	-0.04	88.93
2515.00	0.200	239.200	2514.98	0.02	-4.84	-6.68	1751183.06	381944.16	39°32'43.1000"N	80°22'56.4005"W	8.25	234.088	0.14	0.06	-45.40
2525.00	0.240	237.180	2524.98	0.03	-4.86	-6.71	1751183.03	381944.14	39°32'43.0998"N	80°22'56.4009"W	8.29	234.107	0.41	0.40	-20.20
2593.00	0.310	254.100	2592.98	0.10	-4.99	-7.01	1751182.73	381944.01	39°32'43.0985"N	80°22'56.4047"W	8.60	234.577	0.16	0.10	24.88
2636.00	0.330	253.080	2635.98	0.18	-5.05	-7.24	1751182.50	381943.95	39°32'43.0978"N	80°22'56.4076"W	8.83	235.084	0.05	0.05	-2.37



Actual Wellpath Report

Elliott 7H (L-003941) AWP Proj: 19077'
Page 3 of 9



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 7H (L-003941)
Field	Marion	API	47-049-02502-00-00
Facility	Elliot Pad	Wellbore	Elliott 7H (L-003941) AWB
Slot	Slot 07		

WELLPATH DATA (210 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]	
2679.00	1.020	272.830	2678.98	0.46	-5.07	-7.74	1751182.00	381943.93	39°32'43.0976"N	80°22'56.4140"W	9.26	236.771	1.67	1.60	45.93	
2722.00	2.560	276.720	2721.96	1.35	-4.94	-9.08	1751180.66	381944.06	39°32'43.0987"N	80°22'56.4311"W	10.34	241.444	3.59	3.58	9.05	
2765.00	4.020	276.860	2764.88	3.03	-4.65	-11.53	1751178.21	381944.35	39°32'43.1014"N	80°22'56.4624"W	12.43	248.041	3.40	3.40	0.33	
2808.00	4.620	277.240	2807.76	5.25	-4.25	-14.74	1751175.00	381944.75	39°32'43.1050"N	80°22'56.5035"W	15.34	253.919	1.40	1.40	0.88	
2895.00	4.420	265.090	2894.49	9.39	-4.10	-21.56	1751188.18	381944.90	39°32'43.1059"N	80°22'56.5905"W	21.94	259.244	1.12	-0.23	-13.97	
2981.00	5.020	252.040	2980.20	12.27	-5.54	-28.44	1751161.30	381943.46	39°32'43.0910"N	80°22'56.6782"W	28.97	258.979	1.43	0.70	-15.17	
3067.00	6.010	245.230	3065.80	14.33	-8.59	-36.11	1751153.63	381940.41	39°32'43.0601"N	80°22'56.7757"W	37.11	256.624	1.38	1.15	-7.92	
3153.00	7.400	237.150	3151.22	15.52	-13.48	-44.85	1751144.89	381935.52	39°32'43.0109"N	80°22'56.8866"W	46.83	253.275	1.95	1.62	-9.40	
3240.00	8.540	232.310	3237.38	15.65	-20.47	-54.67	1751135.08	381928.54	39°32'42.9409"N	80°22'57.0111"W	58.37	249.476	1.52	1.31	-5.56	
3326.00	9.410	227.770	3322.32	14.72	-29.10	-64.93	1751124.82	381919.91	39°32'42.8546"N	80°22'57.1409"W	71.15	245.862	1.30	1.01	-5.28	
3411.00	9.690	220.900	3406.15	12.37	-39.17	-74.76	1751114.99	381909.83	39°32'42.7541"N	80°22'57.2651"W	84.40	242.345	1.38	0.33	-8.08	
3498.00	10.070	218.250	3491.86	8.66	-50.68	-84.26	1751105.49	381898.32	39°32'42.6394"N	80°22'57.3850"W	98.33	238.974	0.68	0.44	-3.05	
3584.00	10.680	219.370	3576.45	4.63	-62.75	-93.97	1751095.78	381886.26	39°32'42.5192"N	80°22'57.5074"W	112.99	236.268	0.75	0.71	1.30	
3670.00	11.240	223.580	3660.88	1.12	-74.98	-104.80	1751084.94	381874.03	39°32'42.3973"N	80°22'57.6442"W	128.86	234.419	1.14	0.65	4.90	
3756.00	12.330	227.580	3745.07	-1.40	-87.24	-117.36	1751072.39	381861.76	39°32'42.2748"N	80°22'57.8029"W	146.24	233.373	1.58	1.27	4.65	
3843.00	13.880	226.830	3829.80	-3.71	-100.65	-131.83	1751057.92	381848.36	39°32'42.1409"N	80°22'57.9859"W	165.86	232.638	1.79	1.78	-0.86	
3929.00	14.870	226.330	3913.11	-6.44	-115.33	-147.33	1751042.42	381833.68	39°32'41.9944"N	80°22'58.1820"W	187.10	231.947	1.16	1.15	-0.58	
4015.00	15.320	224.500	3996.14	-9.76	-131.05	-163.28	1751026.47	381817.96	39°32'41.8375"N	80°22'58.3835"W	209.37	231.249	0.76	0.52	-2.13	
4101.00	15.820	223.700	4078.99	-13.70	-147.63	-179.34	1751010.41	381801.38	39°32'41.6721"N	80°22'58.5865"W	232.29	230.540	0.63	0.58	-0.93	
4187.00	14.560	220.070	4161.98	-18.36	-164.38	-194.40	1750995.35	381784.63	39°32'41.5051"N	80°22'58.7766"W	254.58	229.783	1.84	-1.47	-4.22	
4274.00	13.890	218.160	4246.31	-23.82	-180.96	-207.89	1750981.86	381768.05	39°32'41.3399"N	80°22'58.9467"W	275.62	228.962	0.94	-0.77	-2.20	
4360.00	14.440	218.590	4329.70	-29.46	-197.45	-220.96	1750968.80	381751.56	39°32'41.1756"N	80°22'59.1114"W	296.33	228.215	0.65	0.64	0.50	
4446.00	15.090	221.030	4412.86	-34.79	-214.28	-234.99	1750954.76	381734.73	39°32'41.0079"N	80°22'59.2885"W	318.02	227.640	1.05	0.76	2.84	
4533.00	14.440	219.490	4496.99	-40.02	-231.20	-249.33	1750940.43	381717.82	39°32'40.8394"N	80°22'59.4693"W	340.02	227.161	0.87	-0.75	-1.77	
4619.00	14.210	215.500	4580.31	-46.03	-248.06	-262.28	1750927.48	381700.95	39°32'40.6714"N	80°22'59.6325"W	361.01	226.595	1.18	-0.27	-4.64	
4705.00	14.140	216.310	4663.70	-52.54	-265.12	-274.63	1750915.13	381683.89	39°32'40.5016"N	80°22'59.7880"W	381.72	226.009	0.24	-0.08	0.94	
4791.00	14.630	218.020	4747.00	-58.69	-282.14	-287.54	1750902.22	381666.87	39°32'40.3322"N	80°22'59.9506"W	402.84	225.542	0.75	0.57	1.99	
4878.00	16.290	222.800	4830.85	-64.06	-299.75	-302.60	1750887.16	381649.26	39°32'40.1567"N	80°23'0.1407"W	425.93	225.270	2.40	1.91	5.49	
4955.00	16.200	225.360	4904.78	-67.74	-315.23	-317.58	1750872.18	381633.79	39°32'40.0023"N	80°23'0.3299"W	447.46	225.213	0.94	-0.12	3.32	
5041.00	16.170	223.420	4987.37	-71.71	-332.35	-334.34	1750855.42	381616.67	39°32'39.8314"N	80°23'0.5418"W	471.43	225.171	0.63	-0.03	-2.26	



Actual Wellpath Report

Elliott 7H (L-003941) AWP Proj: 19077'
Page 4 of 9



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 7H (L-003941)
Field	Marion	API	47-049-02502-00-00
Facility	Elliot Pad	Wellbore	Elliott 7H (L-003941) AWB
Slot	Slot 07		

WELLPATH DATA (210 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]	
5127.00	15.600	223.800	5070.09	-75.92	-349.40	-350.58	1750839.18	381599.62	39°32'39.6614"N	80°23'0.7469"W	494.96	225.097	0.67	-0.66	0.44	
5234.00	15.510	220.750	5173.17	-81.71	-370.62	-369.87	1750819.89	381578.40	39°32'39.4498"N	80°23'0.9905"W	523.61	224.942	0.77	-0.08	-2.85	
5329.00	15.140	217.860	5264.79	-88.03	-390.04	-385.78	1750803.98	381558.99	39°32'39.2563"N	80°23'1.1911"W	548.59	224.686	0.89	-0.39	-3.04	
5425.00	15.080	218.300	5357.47	-94.87	-409.73	-401.21	1750788.55	381539.29	39°32'39.0601"N	80°23'1.3856"W	573.46	224.398	0.13	-0.06	0.46	
5519.00	15.830	221.240	5448.08	-100.97	-428.97	-417.24	1750772.52	381520.05	39°32'38.8685"N	80°23'1.5878"W	598.42	224.206	1.15	0.80	3.13	
5614.00	16.120	224.610	5539.41	-105.95	-448.10	-435.05	1750754.72	381500.92	39°32'38.6777"N	80°23'1.8127"W	624.55	224.153	1.02	0.31	3.55	
5709.00	14.810	220.830	5630.97	-110.83	-466.68	-452.25	1750737.52	381482.35	39°32'38.4924"N	80°23'2.0299"W	649.86	224.100	1.74	-1.38	-3.98	
5804.00	14.740	220.750	5722.83	-116.34	-485.02	-468.08	1750721.69	381464.00	39°32'38.3096"N	80°23'2.2296"W	674.05	223.981	0.08	-0.07	-0.08	
5899.00	15.590	223.250	5814.52	-121.45	-503.48	-484.71	1750705.06	381445.55	39°32'38.1256"N	80°23'2.4397"W	698.88	223.912	1.13	0.89	2.63	
5994.00	15.500	224.800	5906.05	-125.83	-521.78	-502.40	1750687.37	381427.25	39°32'37.9429"N	80°23'2.6632"W	724.34	223.916	0.45	-0.09	1.63	
6090.00	14.920	225.330	5998.68	-129.71	-539.58	-520.23	1750669.54	381409.46	39°32'37.7654"N	80°23'2.8885"W	749.52	223.954	0.62	-0.60	0.55	
6185.00	15.710	223.070	6090.31	-133.96	-557.57	-537.71	1750652.06	381391.46	39°32'37.5859"N	80°23'3.1094"W	774.61	223.961	1.04	0.83	-2.38	
6280.00	15.360	215.250	6181.85	-140.41	-577.24	-553.76	1750636.01	381371.79	39°32'37.3899"N	80°23'3.3117"W	799.91	223.811	2.23	-0.37	-8.23	
6376.00	14.770	212.560	6274.55	-148.93	-597.94	-567.68	1750622.09	381351.10	39°32'37.1840"N	80°23'3.4869"W	824.50	223.513	0.95	-0.61	-2.80	
6470.00	15.680	217.930	6365.25	-156.80	-618.06	-581.94	1750607.83	381330.98	39°32'36.9838"N	80°23'3.6663"W	848.91	223.276	1.78	0.97	5.71	
6563.00	16.670	220.130	6454.57	-163.44	-638.17	-598.26	1750591.51	381310.87	39°32'36.7834"N	80°23'3.8721"W	874.75	223.151	1.25	1.06	2.37	
6657.00	15.660	219.150	6544.86	-169.89	-658.32	-614.96	1750574.81	381290.72	39°32'36.5827"N	80°23'4.0828"W	900.87	223.050	1.11	-1.07	-1.04	
6752.00	14.450	214.660	6636.60	-177.07	-678.01	-629.80	1750559.98	381271.03	39°32'36.3866"N	80°23'4.2697"W	925.39	222.889	1.77	-1.27	-4.73	
6847.00	13.700	211.330	6728.74	-185.30	-697.37	-642.39	1750547.39	381251.67	39°32'36.1940"N	80°23'4.4279"W	948.15	222.650	1.16	-0.79	-3.51	
6941.00	13.470	215.800	6820.12	-192.98	-715.76	-654.58	1750535.19	381233.28	39°32'36.0111"N	80°23'4.5813"W	969.95	222.444	1.14	-0.24	4.76	
7035.00	12.970	221.910	6911.63	-198.58	-732.49	-668.04	1750521.74	381216.55	39°32'35.8445"N	80°23'4.7508"W	991.37	222.365	1.58	-0.53	6.50	
7131.00	13.420	223.370	7005.10	-202.86	-748.61	-682.88	1750506.90	381200.44	39°32'35.6838"N	80°23'4.9383"W	1013.28	222.371	0.58	0.47	1.52	
7166.00	13.750	222.610	7039.12	-204.42	-754.62	-688.49	1750501.29	381194.43	39°32'35.6238"N	80°23'5.0091"W	1021.50	222.376	1.07	0.94	-2.17	
7174.00	13.740	221.980	7046.89	-204.80	-756.03	-689.77	1750500.02	381193.02	39°32'35.6098"N	80°23'5.0253"W	1023.40	222.376	1.88	-0.12	-7.88	
7270.00	13.990	223.630	7140.09	-209.24	-772.90	-705.40	1750484.38	381176.15	39°32'35.4415"N	80°23'5.2227"W	1046.40	222.386	0.49	0.26	1.72	
7365.00	14.780	260.630	7232.30	-205.83	-783.21	-725.32	1750464.46	381165.84	39°32'35.3377"N	80°23'5.4756"W	1067.47	222.802	9.55	0.83	38.95	
7460.00	17.040	277.120	7323.70	-190.85	-783.45	-751.10	1750438.68	381165.59	39°32'35.3327"N	80°23'5.8047"W	1085.34	223.792	5.30	2.38	17.36	
7555.00	21.420	295.430	7413.46	-166.04	-774.27	-780.62	1750409.16	381174.78	39°32'35.4206"N	80°23'6.1827"W	1099.48	225.234	7.79	4.61	19.27	
7650.00	30.040	303.950	7498.99	-128.36	-753.49	-816.09	1750373.69	381195.55	39°32'35.6225"N	80°23'6.6380"W	1110.75	227.284	9.85	9.07	8.97	
7745.00	38.450	314.290	7577.52	-76.75	-719.50	-857.07	1750332.72	381229.55	39°32'35.9545"N	80°23'7.1653"W	1119.04	229.987	10.74	8.85	10.88	



Actual Wellpath Report

Elliott 7H (L-003941) AWP Proj: 19077'
Page 5 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Elliott 7H (L-003941)
Field	Marion	API	47-049-02502-00-00
Facility	Elliot Pad	Wellbore	Elliott 7H (L-003941) AWB
Slot	Slot 07		

WELLPATH DATA (210 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]
7840.00	47.100	320.660	7647.22	-12.74	-671.85	-900.37	1750289.42	381277.19	39°32'36.4212"N	80°23'7.7241"W	1123.41	233.270	10.17	9.11	6.71
7935.00	54.450	324.180	7707.26	60.76	-613.51	-945.12	1750244.68	381335.53	39°32'36.9934"N	80°23'8.3025"W	1126.78	237.011	8.25	7.74	3.71
8030.00	64.150	325.530	7755.71	142.33	-546.77	-992.04	1750197.76	381402.26	39°32'37.6484"N	80°23'8.9099"W	1132.74	241.138	10.28	10.21	1.42
8125.00	70.060	326.330	7792.65	229.75	-474.30	-1041.04	1750148.77	381474.73	39°32'38.3598"N	80°23'9.5444"W	1143.99	245.506	6.27	6.22	0.84
8220.00	76.970	329.530	7819.60	320.55	-397.14	-1089.33	1750100.48	381551.88	39°32'39.1176"N	80°23'10.1705"W	1159.47	249.969	7.96	7.27	3.37
8316.00	86.180	330.620	7833.65	414.87	-314.92	-1136.64	1750053.17	381634.10	39°32'39.9256"N	80°23'10.7848"W	1179.46	254.514	9.66	9.59	1.14
8411.00	90.400	330.230	7836.48	509.19	-232.36	-1183.50	1750006.31	381716.66	39°32'40.7370"N	80°23'11.3933"W	1206.09	258.892	4.46	4.44	-0.41
8506.00	90.550	329.900	7835.70	603.64	-150.03	-1230.91	1749958.91	381798.98	39°32'41.5459"N	80°23'12.0087"W	1240.02	263.051	0.38	0.16	-0.35
8601.00	90.460	329.710	7834.86	698.14	-67.93	-1278.68	1749911.13	381881.08	39°32'42.3527"N	80°23'12.6289"W	1280.49	266.959	0.22	-0.09	-0.20
8697.00	89.720	330.170	7834.71	793.61	15.16	-1326.77	1749863.05	381964.16	39°32'43.1692"N	80°23'13.2532"W	1326.86	270.655	0.91	-0.77	0.48
8792.00	89.690	330.420	7835.20	888.02	97.68	-1373.84	1749815.98	382046.67	39°32'43.9801"N	80°23'13.8645"W	1377.31	274.067	0.27	-0.03	0.26
8887.00	90.220	330.000	7835.27	982.45	180.12	-1421.04	1749768.78	382129.11	39°32'44.7902"N	80°23'14.4773"W	1432.41	277.224	0.71	0.56	-0.44
8982.00	89.780	330.760	7835.27	1076.84	262.71	-1468.00	1749721.83	382211.69	39°32'45.6018"N	80°23'15.0871"W	1491.32	280.146	0.92	-0.46	0.80
9077.00	89.510	330.020	7835.86	1171.23	345.30	-1514.93	1749674.90	382294.28	39°32'46.4135"N	80°23'15.6966"W	1553.79	282.840	0.83	-0.28	-0.78
9172.00	89.720	330.270	7836.50	1265.67	427.69	-1562.22	1749627.61	382376.66	39°32'47.2231"N	80°23'16.3107"W	1619.71	285.311	0.34	0.22	0.26
9267.00	89.510	330.400	7837.14	1360.08	510.24	-1609.24	1749580.60	382459.21	39°32'48.0343"N	80°23'16.9212"W	1688.19	287.592	0.26	-0.22	0.14
9362.00	89.600	330.010	7837.88	1454.50	592.68	-1656.44	1749533.40	382541.64	39°32'48.8444"N	80°23'17.5342"W	1759.28	289.687	0.42	0.09	-0.41
9458.00	90.090	330.640	7838.14	1549.90	676.08	-1703.97	1749485.87	382625.04	39°32'49.6641"N	80°23'18.1514"W	1833.20	291.642	0.83	0.51	0.66
9553.00	89.720	329.870	7838.29	1644.32	758.57	-1751.10	1749438.74	382707.52	39°32'50.4746"N	80°23'18.7634"W	1908.35	293.422	0.90	-0.39	-0.81
9648.00	89.600	330.330	7838.86	1738.77	840.92	-1798.46	1749391.39	382789.87	39°32'51.2839"N	80°23'19.3783"W	1985.35	295.060	0.50	-0.13	0.48
9743.00	89.480	330.450	7839.62	1833.16	923.51	-1845.40	1749344.45	382872.45	39°32'52.0955"N	80°23'19.9879"W	2063.58	296.585	0.18	-0.13	0.13
9839.00	89.880	330.520	7840.16	1928.53	1007.05	-1892.69	1749297.16	382955.99	39°32'52.9165"N	80°23'20.6021"W	2143.93	298.016	0.42	0.42	0.07
9934.00	90.090	330.700	7840.18	2022.88	1089.82	-1939.31	1749250.54	383038.76	39°32'53.7300"N	80°23'21.2077"W	2224.56	299.334	0.29	0.22	0.19
10028.00	90.120	329.890	7840.01	2116.30	1171.47	-1985.89	1749203.97	383120.40	39°32'54.5323"N	80°23'21.8126"W	2305.67	300.536	0.86	0.03	-0.86
10124.00	90.030	329.370	7839.88	2211.82	1254.30	-2034.43	1749155.44	383203.22	39°32'55.3461"N	80°23'22.4426"W	2390.01	301.655	0.55	-0.09	-0.54
10219.00	89.940	329.240	7839.91	2306.40	1335.99	-2082.92	1749106.94	383284.91	39°32'56.1487"N	80°23'23.0720"W	2474.56	302.676	0.17	-0.09	-0.14
10314.00	90.150	329.450	7839.83	2400.98	1417.71	-2131.36	1749058.51	383366.63	39°32'56.9516"N	80°23'23.7006"W	2559.80	303.631	0.31	0.22	0.22
10409.00	89.380	329.490	7840.22	2495.53	1499.54	-2179.62	1749010.25	383448.45	39°32'57.7556"N	80°23'24.3270"W	2645.63	304.527	0.81	-0.81	0.04
10504.00	90.120	329.000	7840.64	2590.12	1581.18	-2228.20	1748961.68	383530.08	39°32'58.5577"N	80°23'24.9575"W	2732.21	305.360	0.93	0.78	-0.52
10599.00	89.910	329.630	7840.61	2684.70	1662.88	-2276.68	1748913.20	383611.77	39°32'59.3603"N	80°23'25.5867"W	2819.29	306.144	0.70	-0.22	0.66



Actual Wellpath Report

Elliott 7H (L-003941) AWP Proj: 19077'
Page 6 of 9



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Elliott 7H (L-003941)
Field	Marion	API	47-049-02502-00-00
Facility	Elliot Pad	Wellbore	Elliott 7H (L-003941) AWB
Slot	Slot 07		

WELLPATH DATA (210 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]
10694.00	89.910	330.080	7840.76	2779.19	1745.03	-2324.38	1748865.50	383693.92	39°33'0.1675"N	80°23'26.2061"W	2906.52	306.897	0.47	0.00	0.47
10789.00	89.600	329.160	7841.17	2873.71	1826.98	-2372.43	1748817.46	383775.87	39°33'0.9728"N	80°23'26.8297"W	2994.37	307.599	1.02	-0.33	-0.97
10884.00	89.910	329.790	7841.57	2968.27	1908.81	-2420.68	1748769.21	383857.70	39°33'1.7768"N	80°23'27.4560"W	3082.73	308.257	0.74	0.33	0.66
10979.00	89.820	329.870	7841.80	3062.76	1990.94	-2468.42	1748721.47	383939.82	39°33'2.5838"N	80°23'28.0759"W	3171.27	308.888	0.13	-0.09	0.08
11075.00	89.850	330.070	7842.07	3158.23	2074.06	-2516.47	1748673.43	384022.93	39°33'3.4004"N	80°23'28.6997"W	3261.03	309.495	0.21	0.03	0.21
11170.00	89.690	329.770	7842.46	3252.70	2156.26	-2564.08	1748625.81	384105.13	39°33'4.2082"N	80°23'29.3179"W	3350.22	310.062	0.36	-0.17	-0.32
11265.00	89.940	329.240	7842.76	3347.25	2238.12	-2612.29	1748577.61	384186.99	39°33'5.0124"N	80°23'29.9437"W	3439.95	310.589	0.62	0.26	-0.56
11360.00	90.490	329.630	7842.41	3441.81	2319.92	-2660.60	1748529.30	384268.78	39°33'5.8161"N	80°23'30.5708"W	3529.99	311.087	0.71	0.58	0.41
11455.00	90.150	330.210	7841.88	3536.29	2402.12	-2708.21	1748481.69	384350.98	39°33'6.6238"N	80°23'31.1890"W	3620.03	311.572	0.71	-0.36	0.61
11550.00	89.690	329.750	7842.01	3630.76	2484.38	-2755.74	1748434.17	384433.23	39°33'7.4321"N	80°23'31.8062"W	3710.29	312.036	0.68	-0.48	-0.48
11645.00	89.910	329.840	7842.34	3725.26	2566.48	-2803.53	1748386.38	384515.33	39°33'8.2388"N	80°23'32.4267"W	3800.87	312.472	0.25	0.23	0.09
11740.00	90.250	330.840	7842.21	3819.66	2649.03	-2850.54	1748339.37	384597.87	39°33'9.0500"N	80°23'33.0373"W	3891.40	312.902	1.11	0.36	1.05
11836.00	89.630	329.920	7842.31	3915.05	2732.49	-2897.99	1748291.92	384681.32	39°33'9.8701"N	80°23'33.6536"W	3983.07	313.316	1.16	-0.65	-0.96
11931.00	90.340	331.380	7842.33	4009.39	2815.29	-2944.55	1748245.37	384764.12	39°33'10.6839"N	80°23'34.2585"W	4073.85	313.714	1.71	0.75	1.54
12026.00	90.180	331.460	7841.90	4103.58	2898.71	-2990.00	1748199.92	384847.54	39°33'11.5038"N	80°23'34.8492"W	4164.45	314.112	0.19	-0.17	0.08
12121.00	89.940	330.660	7841.80	4197.84	2981.85	-3035.97	1748153.95	384930.67	39°33'12.3209"N	80°23'35.4466"W	4255.41	314.485	0.88	-0.25	-0.84
12216.00	89.780	329.290	7842.03	4292.31	3064.10	-3083.50	1748106.42	385012.91	39°33'13.1291"N	80°23'36.0639"W	4347.03	314.819	1.45	-0.17	-1.44
12311.00	90.150	328.690	7842.09	4386.94	3145.52	-3132.45	1748057.48	385094.33	39°33'13.9290"N	80°23'36.6990"W	4439.20	315.119	0.74	0.39	-0.63
12406.00	90.460	328.360	7841.59	4481.63	3226.54	-3182.05	1748007.89	385175.35	39°33'14.7248"N	80°23'37.3425"W	4531.66	315.398	0.48	0.33	-0.35
12501.00	90.340	328.280	7840.92	4576.35	3307.38	-3231.94	1747958.00	385256.18	39°33'15.5189"N	80°23'37.9897"W	4624.31	315.661	0.15	-0.13	-0.08
12596.00	90.460	328.740	7840.26	4671.04	3388.39	-3281.56	1747908.38	385337.19	39°33'16.3146"N	80°23'38.6334"W	4716.97	315.918	0.50	0.13	0.48
12691.00	90.370	327.250	7839.57	4765.79	3468.95	-3331.91	1747858.04	385417.74	39°33'17.1057"N	80°23'39.2864"W	4809.90	316.154	1.57	-0.09	-1.57
12786.00	90.370	328.610	7838.96	4860.56	3549.45	-3382.34	1747807.60	385498.23	39°33'17.8963"N	80°23'39.9405"W	4902.94	316.381	1.43	0.00	1.43
12881.00	90.860	329.460	7837.94	4955.17	3630.90	-3431.22	1747758.73	385579.68	39°33'18.6965"N	80°23'40.5748"W	4995.67	316.620	1.03	0.52	0.89
12976.00	90.370	328.800	7836.92	5049.77	3712.44	-3479.96	1747709.99	385661.21	39°33'19.4975"N	80°23'41.2074"W	5088.45	316.851	0.87	-0.52	-0.69
13071.00	90.490	329.480	7836.21	5144.38	3793.98	-3528.69	1747661.27	385742.76	39°33'20.2986"N	80°23'41.8399"W	5181.31	317.075	0.73	0.13	0.72
13166.00	90.150	328.100	7835.68	5239.03	3875.23	-3577.91	1747612.04	385824.00	39°33'21.0968"N	80°23'42.4786"W	5274.36	317.284	1.50	-0.36	-1.45
13260.00	90.680	329.010	7834.99	5332.72	3955.42	-3626.95	1747563.01	385904.19	39°33'21.8844"N	80°23'43.1149"W	5366.58	317.481	1.12	0.56	0.97
13355.00	90.580	328.970	7833.95	5427.34	4036.84	-3675.89	1747514.07	385985.60	39°33'22.6843"N	80°23'43.7500"W	5459.69	317.679	0.11	-0.11	-0.04
13450.00	90.340	329.210	7833.19	5521.95	4118.35	-3724.69	1747465.28	386067.10	39°33'23.4849"N	80°23'44.3834"W	5552.84	317.873	0.36	-0.25	0.25



Actual Wellpath Report

Elliott 7H (L-003941) AWP Proj: 19077'
Page 7 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Elliott 7H (L-003941)
Field	Marion	API	47-049-02502-00-00
Facility	Elliot Pad	Wellbore	Elliott 7H (L-003941) AWB
Slot	Slot 07		

WELLPATH DATA (210 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]
13544.00	90.090	329.330	7832.83	5615.54	4199.15	-3772.72	1747417.25	386147.89	39°33'24.2787"N	80°23'45.0069"W	5645.02	318.062	0.30	-0.27	0.13
13639.00	90.310	329.540	7832.50	5710.10	4280.95	-3821.03	1747368.94	386229.69	39°33'25.0824"N	80°23'45.6340"W	5738.18	318.249	0.32	0.23	0.22
13735.00	90.460	329.610	7831.86	5805.63	4363.72	-3869.64	1747320.33	386312.46	39°33'25.8957"N	80°23'46.2652"W	5832.34	318.434	0.17	0.16	0.07
13830.00	89.420	328.450	7831.96	5900.25	4445.18	-3918.53	1747271.45	386393.91	39°33'26.6958"N	80°23'46.8997"W	5925.75	318.603	1.64	-1.09	-1.22
13926.00	90.220	330.320	7832.26	5995.81	4527.79	-3967.41	1747222.57	386476.52	39°33'27.5075"N	80°23'47.5343"W	6020.07	318.774	2.12	0.83	1.95
14021.00	90.060	329.120	7832.03	6090.32	4609.83	-4015.31	1747174.67	386558.55	39°33'28.3135"N	80°23'48.1563"W	6113.37	318.943	1.27	-0.17	-1.26
14116.00	90.030	329.410	7831.95	6184.91	4691.49	-4063.87	1747126.12	386640.20	39°33'29.1157"N	80°23'48.7865"W	6206.85	319.100	0.31	-0.03	0.31
14211.00	90.090	329.770	7831.85	6279.44	4773.42	-4111.95	1747078.03	386722.13	39°33'29.9207"N	80°23'49.4109"W	6300.29	319.257	0.38	0.06	0.38
14306.00	90.180	329.620	7831.63	6373.96	4855.43	-4159.89	1747030.10	386804.14	39°33'30.7265"N	80°23'50.0334"W	6393.74	319.412	0.18	0.09	-0.16
14401.00	90.150	328.640	7831.36	6468.56	4936.97	-4208.63	1746981.36	386885.68	39°33'31.5275"N	80°23'50.6660"W	6487.40	319.553	1.03	-0.03	-1.03
14496.00	90.220	329.020	7831.05	6563.22	5018.26	-4257.80	1746932.19	386966.96	39°33'32.3260"N	80°23'51.3042"W	6581.17	319.687	0.41	0.07	0.40
14591.00	90.340	329.380	7830.58	6657.81	5099.86	-4306.45	1746883.55	387048.55	39°33'33.1276"N	80°23'51.9356"W	6674.88	319.821	0.40	0.13	0.38
14686.00	89.690	328.610	7830.56	6752.44	5181.28	-4355.38	1746834.62	387129.97	39°33'33.9275"N	80°23'52.5707"W	6768.68	319.950	1.06	-0.68	-0.81
14781.00	89.720	329.600	7831.05	6847.05	5262.80	-4404.16	1746785.85	387211.49	39°33'34.7283"N	80°23'53.2039"W	6862.49	320.076	1.04	0.03	1.04
14876.00	89.880	330.340	7831.38	6941.52	5345.05	-4451.70	1746738.31	387293.73	39°33'35.5364"N	80°23'53.8214"W	6956.09	320.210	0.80	0.17	0.78
14971.00	89.720	329.280	7831.71	7036.01	5427.16	-4499.47	1746690.54	387375.84	39°33'36.3432"N	80°23'54.4418"W	7049.78	320.339	1.13	-0.17	-1.12
15066.00	89.910	330.000	7832.02	7130.54	5509.13	-4547.49	1746642.53	387457.80	39°33'37.1486"N	80°23'55.0652"W	7143.54	320.462	0.78	0.20	0.76
15162.00	89.660	329.960	7832.38	7226.00	5592.25	-4595.52	1746594.50	387540.92	39°33'37.9653"N	80°23'55.6891"W	7238.24	320.588	0.26	-0.26	-0.04
15256.00	90.030	330.180	7832.63	7319.46	5673.72	-4642.42	1746547.60	387622.38	39°33'38.7657"N	80°23'56.2982"W	7330.97	320.709	0.46	0.39	0.23
15352.00	90.030	329.690	7832.58	7414.93	5756.80	-4690.51	1746499.51	387705.45	39°33'39.5821"N	80°23'56.9229"W	7425.74	320.828	0.51	0.00	-0.51
15447.00	89.910	330.040	7832.63	7509.42	5838.96	-4738.21	1746451.82	387787.61	39°33'40.3893"N	80°23'57.5423"W	7519.58	320.941	0.39	-0.13	0.37
15542.00	89.880	329.530	7832.81	7603.92	5921.05	-4786.01	1746404.01	387869.70	39°33'41.1959"N	80°23'58.1632"W	7613.46	321.051	0.54	-0.03	-0.54
15637.00	89.940	329.950	7832.96	7698.43	6003.11	-4833.89	1746356.14	387951.75	39°33'42.0021"N	80°23'58.7849"W	7707.39	321.158	0.45	0.06	0.44
15732.00	89.910	329.930	7833.08	7792.91	6085.33	-4881.47	1746308.56	388033.97	39°33'42.8100"N	80°23'59.4030"W	7801.29	321.264	0.04	-0.03	-0.02
15827.00	89.850	330.140	7833.28	7887.37	6167.63	-4928.92	1746261.11	388116.26	39°33'43.6186"N	80°24'0.0193"W	7895.19	321.370	0.23	-0.06	0.22
15922.00	89.880	329.970	7833.50	7981.82	6249.95	-4976.34	1746213.70	388198.58	39°33'44.4275"N	80°24'0.6353"W	7989.11	321.472	0.18	0.03	-0.18
16017.00	90.060	329.860	7833.55	8076.30	6332.15	-5023.96	1746166.08	388280.77	39°33'45.2351"N	80°24'1.2538"W	8083.09	321.571	0.22	0.19	-0.12
16112.00	89.940	329.740	7833.55	8170.80	6414.26	-5071.75	1746118.29	388362.87	39°33'46.0418"N	80°24'1.8744"W	8177.13	321.667	0.18	-0.13	-0.13
16207.00	89.660	330.060	7833.88	8265.29	6496.45	-5119.39	1746070.65	388445.06	39°33'46.8494"N	80°24'2.4932"W	8271.16	321.761	0.45	-0.29	0.34
16302.00	89.720	329.740	7834.40	8359.77	6578.64	-5167.04	1746023.01	388527.24	39°33'47.6569"N	80°24'3.1120"W	8365.21	321.853	0.34	0.06	-0.34

HOLE & CASING SECTIONS - Ref Wellbore: Elliott 7H (L-003941) AWB Ref Wellpath: Elliott 7H (L-003941) AWP Proj: 19077'									
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	1041.00	1013.00	28.00	1041.00	0.00	0.00	-1.30	-1.95
13.375in Casing Surface	28.00	1041.00	1013.00	28.00	1041.00	0.00	0.00	-1.30	-1.95
12.25in Open Hole	1041.00	2539.00	1498.00	1041.00	2538.98	-1.30	-1.95	-4.89	-6.77
9.625in Casing Intermediate	28.00	2539.00	2511.00	28.00	2538.98	0.00	0.00	-4.89	-6.77
8.75in Open Hole	2539.00	7243.00	4704.00	2538.98	7113.89	-4.89	-6.77	-768.17	-700.93
8.5in Open Hole	7243.00	19077.00	11834.00	7113.89	7843.41	-768.17	-700.93	8976.59	-6563.56
5.5in Casing Production	28.00	19077.00	19049.00	28.00	7843.41	0.00	0.00	8976.59	-6563.56

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Elliott 7H BHL Rev-1	7835.00	8987.53	-6549.45	1744640.69	390935.99	39°34'11.3260"N	80°24'21.0723"W	point
Elliott 7H LP Rev-1	7835.00	-287.35	-1162.56	1750027.25	381661.67	39°32'40.1955"N	80°23'11.1190"W	point

WELLPATH COMPOSITION - Ref Wellbore: Elliott 7H (L-003941) AWB Ref Wellpath: Elliott 7H (L-003941) AWP Proj: 19077'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
28.00	2525.00	Gyrodatta 2015 - CT+WIR+ALC	01 Gyrodatta Cont Gyro <12-1/4">(100'-2510')	Elliott 7H (L-003941) AWB	7/8/2021
2525.00	7166.00	OWSG MWD rev2 - Standard	02 SDI MWD <8-3/4">(2510')(2578'-7151')	Elliott 7H (L-003941) AWB	7/8/2021
7166.00	19077.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	03 BH AT Curve + H&P MSA <8-1/2">(7166')(7174'-19052')	Elliott 7H (L-003941) AWB	8/26/2021



Actual Wellpath Report

Elliott 7H (L-003941) AWP Proj: 19077'

Page 9 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Elliott 7H (L-003941)
Field	Marion	API	47-049-02502-00-00
Facility	Elliot Pad	Wellbore	Elliott 7H (L-003941) AWB
Slot	Slot 07		

COMMENTS

Wellpath general comments

API: 47-049-02502-0000

BH Job #: 110974212

Rig: Patterson 292

Duration: 8/28/21 - 8/30/21

01_Gyrodata Cont Gyro <12-1/4">(100'-2510')

02_SDI MWD <8-3/4">(2510')(2578'-7151')

03_BH AT Curve + H&P MSA <8-1/2">(7166')(7174'-19052')

Projected MD at TD: 19077'



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

