



Actual Wellpath Report

Radcliff 14H Proj: 22796'

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Radcliff 14H
Field	Marion	API/Legal	
Facility	Radcliff Pad	Wellbore	Radcliff 14H
Slot	Slot 14		

REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Meyedavr
Scale	0.999941	Report Generated	4/16/2024 at 11:00:31 PM
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	-83.37	-16.57	1735577.70	397586.54	39°35'16.1361"N	80°26'17.6902"W
Facility Reference Pt			1735594.27	397669.91	39°35'16.9617"N	80°26'17.4896"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 (RT) to Facility Vertical Datum	1521.00ft
Horizontal Reference Pt	Slot	Patterson 292 (RT) to Mean Sea Level	1521.00ft
Vertical Reference Pt	Patterson 292 (RT)	Patterson 292 (RT) to Ground Level at Slot (Slot 14)	28.00ft
MD Reference Pt	Patterson 292 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	150.28°

04/11/2025



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WELLPATH DATA (261 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	163.120	0.00	0.00	0.00	0.00	1735577.70	397586.54	39°35'16.1361"N	80°26'17.6902"W	0.00	0.000	0.00	0.00	0.00
28.00	0.000	163.120	28.00	0.00	0.00	0.00	1735577.70	397586.54	39°35'16.1361"N	80°26'17.6902"W	0.00	0.000	0.00	0.00	0.00
115.00	0.120	163.120	115.00	0.09	-0.09	0.03	1735577.73	397586.45	39°35'16.1352"N	80°26'17.6898"W	0.09	163.120	0.14	0.14	0.00
215.00	0.190	184.320	215.00	0.33	-0.35	0.04	1735577.74	397586.19	39°35'16.1326"N	80°26'17.6895"W	0.36	172.830	0.09	0.07	21.20
315.00	0.170	157.520	315.00	0.61	-0.66	0.09	1735577.79	397585.88	39°35'16.1296"N	80°26'17.6889"W	0.66	172.298	0.09	-0.02	-26.80
415.00	0.140	140.950	415.00	0.88	-0.89	0.22	1735577.92	397585.65	39°35'16.1273"N	80°26'17.6872"W	0.91	165.932	0.05	-0.03	-16.57
515.00	0.200	177.270	515.00	1.16	-1.16	0.31	1735578.01	397585.38	39°35'16.1247"N	80°26'17.6861"W	1.20	165.104	0.12	0.08	36.32
615.00	0.160	155.140	615.00	1.45	-1.46	0.37	1735578.07	397585.08	39°35'16.1217"N	80°26'17.6852"W	1.50	165.585	0.08	-0.04	-22.13
715.00	0.240	153.290	715.00	1.80	-1.77	0.53	1735578.23	397584.77	39°35'16.1186"N	80°26'17.6832"W	1.85	163.417	0.08	0.08	-1.85
815.00	0.180	146.540	815.00	2.17	-2.09	0.71	1735578.41	397584.45	39°35'16.1155"N	80°26'17.6808"W	2.21	161.275	0.06	-0.06	-6.75
915.00	0.130	149.710	915.00	2.44	-2.32	0.85	1735578.55	397584.22	39°35'16.1132"N	80°26'17.6790"W	2.47	159.821	0.05	-0.05	3.17
1015.00	0.050	126.070	1015.00	2.59	-2.44	0.94	1735578.64	397584.10	39°35'16.1120"N	80°26'17.6778"W	2.62	158.854	0.09	-0.08	-23.64
1115.00	0.160	113.560	1115.00	2.74	-2.52	1.11	1735578.81	397584.02	39°35'16.1112"N	80°26'17.6757"W	2.76	156.299	0.11	0.11	-12.51
1215.00	0.200	145.640	1215.00	3.03	-2.72	1.33	1735579.03	397583.82	39°35'16.1093"N	80°26'17.6727"W	3.03	153.898	0.11	0.04	32.08
1270.00	0.180	117.320	1270.00	3.19	-2.84	1.47	1735579.17	397583.70	39°35'16.1081"N	80°26'17.6711"W	3.20	152.729	0.17	-0.04	-51.49
1406.00	0.170	127.310	1405.99	3.56	-3.06	1.82	1735579.52	397583.48	39°35'16.1060"N	80°26'17.6666"W	3.56	149.341	0.02	-0.01	7.35
1448.00	0.390	85.070	1447.99	3.68	-3.09	2.01	1735579.71	397583.45	39°35'16.1058"N	80°26'17.6641"W	3.68	146.973	0.69	0.52	-100.57
1490.00	0.960	100.950	1489.99	3.97	-3.14	2.50	1735580.20	397583.40	39°35'16.1053"N	80°26'17.6579"W	4.01	141.550	1.42	1.36	37.81
1533.00	1.780	103.260	1532.98	4.66	-3.36	3.50	1735581.20	397583.18	39°35'16.1032"N	80°26'17.6450"W	4.85	133.875	1.91	1.91	5.37
1576.00	2.460	101.390	1575.95	5.72	-3.70	5.05	1735582.75	397582.84	39°35'16.1000"N	80°26'17.6251"W	6.26	126.206	1.59	1.58	-4.35
1619.00	2.900	100.850	1618.90	7.03	-4.09	7.03	1735584.73	397582.45	39°35'16.0964"N	80°26'17.5999"W	8.13	120.182	1.02	1.02	-1.26
1663.00	3.220	99.680	1662.84	8.54	-4.50	9.34	1735587.04	397582.04	39°35'16.0925"N	80°26'17.5703"W	10.37	115.749	0.74	0.73	-2.66
1706.00	3.450	98.620	1705.77	10.11	-4.90	11.81	1735589.51	397581.64	39°35'16.0889"N	80°26'17.5387"W	12.78	112.541	0.55	0.53	-2.47
1749.00	3.230	98.300	1748.69	11.66	-5.27	14.29	1735591.99	397581.27	39°35'16.0855"N	80°26'17.5070"W	15.23	110.248	0.51	-0.51	-0.74
1792.00	2.720	96.520	1791.63	13.01	-5.56	16.50	1735594.20	397580.98	39°35'16.0828"N	80°26'17.4787"W	17.41	108.626	1.21	-1.19	-4.14
1835.00	2.720	92.810	1834.59	14.16	-5.73	18.53	1735596.23	397580.81	39°35'16.0814"N	80°26'17.4527"W	19.40	107.172	0.41	0.00	-8.63
1879.00	2.330	87.280	1878.54	15.13	-5.74	20.47	1735598.17	397580.81	39°35'16.0815"N	80°26'17.4280"W	21.26	105.653	1.04	-0.89	-12.57
1922.00	2.040	85.830	1921.51	15.86	-5.64	22.10	1735599.80	397580.90	39°35'16.0826"N	80°26'17.4071"W	22.81	104.309	0.69	-0.67	-3.37
1965.00	2.120	83.530	1964.48	16.50	-5.49	23.66	1735601.36	397581.05	39°35'16.0842"N	80°26'17.3873"W	24.29	103.071	0.27	0.19	-5.35
2008.00	2.260	79.860	2007.45	17.10	-5.25	25.28	1735602.98	397581.29	39°35'16.0868"N	80°26'17.3665"W	25.82	101.739	0.46	0.33	-8.53
2050.00	2.390	78.670	2049.42	17.65	-4.94	26.96	1735604.66	397581.60	39°35'16.0901"N	80°26'17.3452"W	27.40	100.377	0.33	0.31	-2.83
2094.00	2.710	77.780	2093.37	18.25	-4.54	28.87	1735606.57	397582.00	39°35'16.0942"N	80°26'17.3208"W	29.23	98.928	0.73	0.73	-2.02
2137.00	2.920	78.690	2136.32	18.91	-4.11	30.94	1735608.64	397582.43	39°35'16.0987"N	80°26'17.2944"W	31.21	97.559	0.50	0.49	2.12
2179.00	2.590	84.070	2178.27	19.63	-3.80	32.93	1735610.63	397582.74	39°35'16.1019"N	80°26'17.2690"W	33.15	96.578	1.00	-0.79	12.81
2224.00	2.250	89.820	2223.23	20.47	-3.69	34.83	1735612.53	397582.85	39°35'16.1032"N	80°26'17.2448"W	35.02	96.048	0.93	-0.76	12.78
2268.00	2.380	92.940	2267.20	21.39	-3.73	36.60	1735614.30	397582.81	39°35'16.1029"N	80°26'17.2221"W	36.79	95.825	0.41	0.30	7.09
2311.00	2.520	93.630	2310.16	22.39	-3.84	38.44	1735616.14	397582.70	39°35'16.1021"N	80°26'17.1987"W	38.63	95.704	0.33	0.33	1.60
2397.00	1.820	114.990	2396.10	24.55	-4.54	41.56	1735619.26	397582.00	39°35'16.0955"N	80°26'17.1587"W	41.81	96.229	1.23	-0.81	24.84
2484.00	1.930	120.830	2483.05	26.95	-5.87	44.07	1735621.77	397580.67	39°35'16.0826"N	80°26'17.1264"W	44.46	97.587	0.25	0.13	6.71
2570.00	2.030	121.670	2569.00	29.55	-7.41	46.61	1735624.31	397579.13	39°35'16.0676"N	80°26'17.0938"W	47.20	99.036	0.12	0.12	0.98
2657.00	2.200	118.870	2655.94	32.33	-9.03	49.39	1735627.09	397577.51	39°35'16.0519"N	80°26'17.0581"W	50.20	100.359	0.23	0.20	-3.22
2695.00	2.240	115.260	2693.91	33.56	-9.70	50.70	1735628.40	397576.84	39°35'16.0455"N	80°26'17.0413"W	51.62	100.828	0.38	0.11	-9.50
2801.00	2.430	104.770	2799.82	36.83	-11.15	54.74	1735632.44	397575.39	39°35'16.0315"N	80°26'16.9894"W	55.87	101.516	0.44	0.18	-9.90
2844.00	2.880	103.570	2842.78	38.21	-11.64	56.67	1735634.37	397574.90	39°35'16.0269"N	80°26'16.9647"W	57.86	101.606	1.05	1.05	-2.79
2887.00	3.070	96.560	2885.72	39.63	-12.02	58.87	1735636.57	397574.52	39°35'16.0233"N	80°26'16.9366"W	60.08	101.545	0.95	0.44	-16.30

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Operator	EQT PRODUCTION COMPANY	Well	Radcliff 14H
Field	Marion	API/Legal	
Facility	Radcliff Pad	Wellbore	Radcliff 14H
Slot	Slot 14		

WELLPATH DATA (261 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]
2930.00	3.350	92.650	2928.65	40.98	-12.21	61.27	1735638.97	397574.33	39°35'16.0217"N	80°26'16.9060"W	62.47	101.275	0.83	0.65	-9.09
2974.00	3.710	89.350	2972.57	42.37	-12.26	63.98	1735641.68	397574.28	39°35'16.0215"N	80°26'16.8714"W	65.14	100.846	0.94	0.82	-7.50
3060.00	5.630	85.390	3058.28	45.51	-11.89	70.96	1735648.66	397574.65	39°35'16.0259"N	80°26'16.7822"W	71.95	99.509	2.26	2.23	-4.60
3146.00	7.420	85.500	3143.72	49.67	-11.11	80.70	1735658.40	397575.43	39°35'16.0346"N	80°26'16.6578"W	81.47	97.840	2.08	2.08	0.13
3233.00	8.430	86.760	3229.89	54.90	-10.31	92.67	1735670.37	397576.23	39°35'16.0437"N	80°26'16.5051"W	93.24	96.349	1.18	1.16	1.45
3319.00	10.290	91.550	3314.74	61.70	-10.16	106.65	1735684.35	397576.38	39°35'16.0466"N	80°26'16.3266"W	107.13	95.443	2.34	2.16	5.57
3405.00	12.770	92.770	3399.00	70.80	-10.83	123.82	1735701.52	397575.71	39°35'16.0418"N	80°26'16.1072"W	124.29	94.999	2.90	2.88	1.42
3492.00	14.360	93.460	3483.57	81.87	-11.95	144.19	1735721.89	397574.59	39°35'16.0329"N	80°26'15.8468"W	144.69	94.736	1.84	1.83	0.79
3578.00	15.970	95.600	3566.57	94.55	-13.74	166.62	1735744.32	397572.80	39°35'16.0174"N	80°26'15.5602"W	167.18	94.716	1.98	1.87	2.49
3665.00	16.750	93.940	3650.05	108.42	-15.77	191.03	1735768.73	397570.77	39°35'15.9999"N	80°26'15.2480"W	191.68	94.720	1.05	0.90	-1.91
3751.00	16.810	93.310	3732.39	122.06	-17.34	215.81	1735793.51	397569.20	39°35'15.9869"N	80°26'14.9313"W	216.51	94.594	0.22	0.07	-0.73
3838.00	16.620	92.010	3815.71	135.47	-18.51	240.81	1735818.51	397568.03	39°35'15.9780"N	80°26'14.6119"W	241.52	94.394	0.48	-0.22	-1.49
3924.00	16.200	92.760	3898.21	148.38	-19.51	265.08	1735842.78	397567.03	39°35'15.9706"N	80°26'14.3017"W	265.80	94.210	0.55	-0.49	0.87
4010.00	16.240	90.990	3980.79	160.96	-20.30	289.09	1735866.79	397566.24	39°35'15.9653"N	80°26'13.9950"W	289.80	94.017	0.58	0.05	-2.06
4097.00	16.360	94.110	4064.29	174.00	-21.39	313.47	1735891.17	397565.15	39°35'15.9570"N	80°26'13.6834"W	314.20	93.903	1.02	0.14	3.59
4183.00	16.290	94.920	4146.82	187.60	-23.29	337.57	1735915.27	397563.25	39°35'15.9407"N	80°26'13.3753"W	338.37	93.947	0.28	-0.08	0.94
4270.00	16.430	95.350	4230.30	201.61	-25.48	361.98	1735939.68	397561.06	39°35'15.9215"N	80°26'13.0633"W	362.87	94.027	0.21	0.16	0.49
4356.00	16.710	93.400	4312.73	215.35	-27.35	386.43	1735964.13	397559.19	39°35'15.9056"N	80°26'12.7507"W	387.39	94.048	0.72	0.33	-2.27
4443.00	16.690	93.580	4396.06	229.05	-28.87	411.38	1735989.08	397557.67	39°35'15.8931"N	80°26'12.4318"W	412.39	94.015	0.06	-0.02	0.21
4529.00	16.780	94.140	4478.42	242.74	-30.54	436.09	1736013.79	397556.00	39°35'15.8792"N	80°26'12.1160"W	437.16	94.006	0.21	0.10	0.65
4616.00	16.350	94.990	4561.81	256.72	-32.51	460.81	1736038.51	397554.03	39°35'15.8623"N	80°26'11.7999"W	461.96	94.036	0.57	-0.49	0.98
4702.00	16.360	95.000	4644.33	270.51	-34.62	484.94	1736062.64	397551.92	39°35'15.8439"N	80°26'11.4915"W	486.17	94.084	0.01	0.01	0.01
4788.00	16.100	95.650	4726.90	284.31	-36.85	508.87	1736086.57	397549.69	39°35'15.8243"N	80°26'11.1855"W	510.20	94.142	0.37	-0.30	0.76
4865.00	15.840	94.680	4800.93	296.43	-38.76	529.97	1736107.67	397547.78	39°35'15.8077"N	80°26'10.9158"W	531.38	94.183	0.48	-0.34	-1.26
4952.00	14.950	93.370	4884.81	309.27	-40.39	553.01	1736130.70	397546.15	39°35'15.7939"N	80°26'10.6213"W	554.48	94.177	1.10	-1.02	-1.51
5038.00	15.400	93.830	4967.81	321.63	-41.80	575.47	1736153.17	397544.74	39°35'15.7823"N	80°26'10.3341"W	576.99	94.155	0.54	0.52	0.53
5125.00	15.230	94.090	5051.72	334.38	-43.39	598.40	1736176.10	397543.15	39°35'15.7689"N	80°26'10.0411"W	599.97	94.147	0.21	-0.20	0.30
5211.00	15.430	92.640	5134.66	346.79	-44.72	621.09	1736198.79	397541.82	39°35'15.7581"N	80°26'9.7510"W	622.70	94.118	0.50	0.23	-1.69
5297.00	16.150	92.190	5217.41	359.23	-45.71	644.47	1736222.17	397540.83	39°35'15.7508"N	80°26'9.4523"W	646.09	94.057	0.85	0.84	-0.52
5384.00	16.590	91.800	5300.88	372.13	-46.56	668.98	1736246.68	397539.98	39°35'15.7449"N	80°26'9.1392"W	670.60	93.981	0.52	0.51	-0.45
5470.00	16.890	91.850	5383.24	385.09	-47.35	693.74	1736271.43	397539.19	39°35'15.7396"N	80°26'8.8228"W	695.35	93.904	0.35	0.35	0.06
5557.00	16.170	90.220	5466.64	397.75	-47.80	718.48	1736296.18	397538.74	39°35'15.7377"N	80°26'8.5067"W	720.07	93.806	0.98	-0.83	-1.87
5643.00	15.670	90.410	5549.35	409.56	-47.93	742.07	1736319.77	397538.61	39°35'15.7388"N	80°26'8.2054"W	743.62	93.696	0.58	-0.58	0.22
5729.00	17.340	90.980	5631.80	421.93	-48.23	766.50	1736344.20	397538.31	39°35'15.7384"N	80°26'7.8933"W	768.02	93.601	1.95	1.94	0.66
5816.00	16.980	91.360	5714.93	435.11	-48.76	792.16	1736369.86	397537.78	39°35'15.7358"N	80°26'7.5654"W	793.66	93.522	0.43	-0.41	0.44
5902.00	18.050	93.520	5796.94	448.90	-49.87	818.02	1736395.72	397536.67	39°35'15.7275"N	80°26'7.2351"W	819.54	93.489	1.46	1.24	2.51
5988.00	18.220	93.420	5878.67	463.55	-51.49	844.74	1736422.43	397535.05	39°35'15.7142"N	80°26'6.8936"W	846.30	93.488	0.20	0.20	-0.12
6075.00	17.620	94.420	5961.45	478.38	-53.32	871.44	1736449.14	397533.22	39°35'15.6989"N	80°26'6.5522"W	873.07	93.501	0.78	-0.69	1.15
6162.00	17.820	92.930	6044.32	492.96	-55.01	897.87	1736475.56	397531.53	39°35'15.6849"N	80°26'6.2145"W	899.55	93.506	0.57	0.23	-1.71
6248.00	17.610	92.250	6126.24	506.94	-56.20	924.01	1736501.70	397530.34	39°35'15.6759"N	80°26'5.8804"W	925.71	93.480	0.34	-0.24	-0.79
6334.00	17.220	92.350	6208.30	520.59	-57.23	949.72	1736527.42	397529.31	39°35'15.6683"N	80°26'5.5518"W	951.45	93.448	0.45	-0.45	0.12
6421.00	16.710	92.210	6291.51	534.05	-58.24	975.09	1736552.79	397528.30	39°35'15.6609"N	80°26'5.2277"W	976.83	93.418	0.59	-0.59	-0.16
6508.00	16.170	91.260	6374.96	546.90	-58.99	999.70	1736577.40	397527.55	39°35'15.6561"N	80°26'4.9132"W	1001.44	93.377	0.69	-0.62	-1.09
6594.00	16.360	91.470	6457.51	559.34	-59.56	1023.78	1736601.48	397526.98	39°35'15.6529"N	80°26'4.6056"W	1025.51	93.330	0.23	0.22	0.24
6680.00	15.920	89.270	6540.12	571.33	-59.72	1047.68	1736625.38	397526.82	39°35'15.6537"N	80°26'4.3003"W	1049.38	93.263	0.88	-0.51	-2.56

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Actual Wellpath Report

Radcliff 14H Proj: 22796'
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REFERENCE - REPORT IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Radcliff 14H
Field	Marion	API/Legal	
Facility	Radcliff Pad	Wellbore	Radcliff 14H
Slot	Slot 14		

WELLPATH DATA (261 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]
6767.00	15.970	89.000	6623.78	582.86	-59.36	1071.58	1738649.28	397527.18	39°35'15.6598"N	80°26'3.9951"W	1073.22	93.171	0.10	0.06	-0.31
6853.00	17.850	90.440	6706.06	595.17	-59.26	1096.59	1736674.29	397527.28	39°35'15.6634"N	80°26'3.6756"W	1098.19	93.093	2.24	2.19	1.67
6939.00	18.320	93.210	6787.81	609.14	-60.12	1123.27	1736700.96	397526.42	39°35'15.6576"N	80°26'3.3348"W	1124.87	93.063	1.14	0.55	3.22
7026.00	18.820	94.380	6870.28	624.45	-61.95	1150.91	1736728.61	397524.59	39°35'15.6423"N	80°26'2.9815"W	1152.58	93.081	0.72	0.57	1.34
7112.00	16.500	94.150	6952.22	639.03	-63.90	1176.93	1736754.62	397522.84	39°35'15.6258"N	80°26'2.6489"W	1178.66	93.108	2.70	-2.70	-0.27
7199.00	16.780	89.980	7035.58	652.14	-64.79	1201.81	1736779.50	397521.75	39°35'15.6195"N	80°26'2.3310"W	1203.55	93.086	1.41	0.32	-4.79
7285.00	16.930	87.970	7117.89	664.11	-64.34	1226.73	1736804.43	397522.20	39°35'15.6265"N	80°26'2.0126"W	1228.42	93.002	0.70	0.17	-2.34
7372.00	15.640	94.720	7201.40	676.63	-64.85	1251.09	1736828.78	397521.69	39°35'15.6239"N	80°26'1.7016"W	1252.76	92.987	2.63	-1.48	7.78
7458.00	16.410	94.470	7284.06	690.02	-66.76	1274.75	1736852.45	397519.78	39°35'15.6076"N	80°26'1.3990"W	1276.50	92.998	0.90	0.90	-0.29
7495.00	17.260	94.630	7319.47	696.05	-67.61	1285.43	1736863.13	397518.93	39°35'15.6003"N	80°26'1.2625"W	1287.21	93.011	2.30	2.30	0.43
7545.00	18.650	93.170	7367.04	704.58	-68.65	1300.81	1736878.51	397517.89	39°35'15.5916"N	80°26'1.0659"W	1302.62	93.021	2.92	2.78	-2.92
7640.00	19.020	94.870	7456.95	721.62	-70.80	1331.40	1736909.10	397515.74	39°35'15.5734"N	80°26'0.6749"W	1333.28	93.044	0.70	0.39	1.79
7735.00	22.020	110.390	7545.98	744.10	-78.33	1363.55	1736941.25	397508.21	39°35'15.5023"N	80°26'0.2633"W	1365.80	93.288	6.51	3.16	16.34
7830.00	27.870	127.210	7632.19	778.26	-98.00	1398.00	1736975.70	397488.54	39°35'15.3114"N	80°25'59.8206"W	1401.43	94.010	9.52	6.16	17.71
7926.00	36.160	137.550	7713.58	826.65	-132.56	1435.08	1737012.78	397453.98	39°35'14.9737"N	80°25'59.3425"W	1441.19	95.277	10.33	8.64	10.77
8021.00	44.980	143.590	7785.70	887.48	-180.37	1474.02	1737051.71	397406.17	39°35'14.5052"N	80°25'58.8388"W	1485.01	96.976	10.15	9.28	6.36
8115.00	53.590	146.590	7846.96	958.37	-238.80	1514.64	1737092.34	397347.74	39°35'13.9319"N	80°25'58.3121"W	1533.35	98.960	9.47	9.16	3.19
8210.00	63.760	150.200	7896.30	1039.35	-307.88	1556.99	1737134.69	397278.66	39°35'13.2535"N	80°25'57.7621"W	1587.14	101.185	11.18	10.71	3.80
8305.00	74.230	153.060	7930.31	1127.88	-385.83	1599.00	1737176.69	397200.71	39°35'12.4873"N	80°25'57.2152"W	1644.89	103.568	11.37	11.02	3.01
8399.00	78.780	154.140	7952.24	1219.11	-467.69	1639.62	1737217.32	397118.85	39°35'11.6825"N	80°25'56.6854"W	1705.02	105.920	4.97	4.84	1.15
8494.00	85.900	155.150	7964.90	1312.92	-552.72	1679.91	1737257.60	397033.83	39°35'10.8463"N	80°25'56.1596"W	1768.50	108.212	7.57	7.49	1.06
8589.00	85.560	154.720	7971.97	1407.35	-638.53	1720.04	1737297.74	396948.01	39°35'10.0023"N	80°25'55.6356"W	1834.74	110.366	0.58	-0.36	-0.45
8684.00	89.300	154.700	7976.23	1501.95	-724.32	1760.58	1737338.27	396862.22	39°35'9.1585"N	80°25'55.1065"W	1903.75	112.363	3.94	3.94	-0.02
8779.00	89.480	153.900	7977.24	1596.71	-809.92	1801.77	1737379.47	396776.62	39°35'8.3168"N	80°25'54.5690"W	1975.44	114.205	0.86	0.19	-0.84
8874.00	89.700	158.250	7977.92	1691.20	-896.73	1840.29	1737417.98	396689.81	39°35'7.4627"N	80°25'54.0655"W	2047.14	115.979	4.58	0.23	4.58
8969.00	90.370	158.480	7977.86	1785.25	-985.04	1875.31	1737453.01	396601.50	39°35'6.5935"N	80°25'53.6065"W	2118.28	117.712	0.75	0.71	0.24
9063.00	90.040	155.030	7977.53	1878.64	-1071.40	1912.41	1737490.10	396515.14	39°35'5.7439"N	80°25'53.1213"W	2192.07	119.259	3.69	-0.35	-3.67
9158.00	90.310	157.060	7977.24	1973.15	-1158.21	1950.98	1737528.67	396428.33	39°35'4.8898"N	80°25'52.6172"W	2268.87	120.696	2.18	0.28	2.14
9253.00	89.760	154.100	7977.18	2067.73	-1244.70	1990.25	1737567.94	396341.84	39°35'4.0390"N	80°25'52.1041"W	2347.42	122.022	3.17	-0.58	-3.12
9348.00	89.760	155.310	7977.58	2162.45	-1330.59	2030.84	1737608.53	396255.95	39°35'3.1943"N	80°25'51.5743"W	2427.91	123.233	1.27	0.00	1.27
9442.00	89.700	152.640	7978.02	2256.24	-1415.05	2072.08	1737649.77	396171.49	39°35'2.3638"N	80°25'51.0364"W	2509.16	124.330	2.84	-0.06	-2.84
9537.00	89.820	154.950	7978.42	2351.06	-1500.28	2114.02	1737691.72	396086.26	39°35'1.5258"N	80°25'50.4894"W	2592.28	125.363	2.43	0.13	2.43
9632.00	89.790	154.480	7978.74	2445.77	-1586.18	2154.60	1737732.29	396000.37	39°35'0.6810"N	80°25'49.9598"W	2675.49	126.360	0.50	-0.03	-0.49
9727.00	89.880	156.000	7979.01	2540.41	-1672.44	2194.39	1737772.08	395914.10	39°34'59.8325"N	80°25'49.4402"W	2759.06	127.313	1.60	0.09	1.60
9822.00	89.660	155.320	7979.40	2634.99	-1759.00	2233.54	1737811.23	395827.55	39°34'58.9810"N	80°25'48.9287"W	2843.02	128.222	0.75	-0.23	-0.72
9917.00	89.730	153.360	7979.90	2729.74	-1844.62	2274.67	1737852.37	395741.92	39°34'58.1390"N	80°25'48.3920"W	2928.61	129.040	2.06	0.07	-2.06
10011.00	89.790	150.650	7980.29	2823.69	-1927.61	2318.79	1737896.49	395658.93	39°34'57.3233"N	80°25'47.8178"W	3015.38	129.737	2.88	0.06	-2.88
10106.00	89.420	154.910	7980.95	2918.58	-2012.07	2362.24	1737939.93	395574.47	39°34'56.4930"N	80°25'47.2515"W	3103.00	130.423	4.50	-0.39	-4.48
10201.00	89.690	156.640	7981.69	3013.13	-2098.70	2401.21	1737978.91	395487.84	39°34'55.6408"N	80°25'46.7423"W	3189.10	131.154	1.84	0.28	1.82
10296.00	89.360	153.090	7982.48	3107.81	-2184.69	2441.56	1738019.25	395401.86	39°34'54.7951"N	80°25'46.2156"W	3276.29	131.822	3.75	-0.35	-3.74
10391.00	89.690	158.130	7983.26	3202.37	-2271.18	2480.77	1738058.47	395315.37	39°34'53.9443"N	80°25'45.7034"W	3363.40	132.474	5.32	0.35	5.31
10486.00	89.760	157.370	7983.72	3296.56	-2359.10	2516.74	1738094.44	395227.44	39°34'53.0790"N	80°25'45.2323"W	3449.55	133.148	0.80	0.07	-0.80
10581.00	89.940	157.020	7983.97	3390.86	-2446.68	2553.57	1738131.26	395139.87	39°34'52.2172"N	80°25'44.7505"W	3536.51	133.775	0.41	0.19	-0.37
10676.00	90.280	158.550	7983.79	3485.05	-2534.62	2589.48	1738167.18	395051.92	39°34'51.3517"N	80°25'44.2802"W	3623.50	134.387	1.65	0.38	1.61
10771.00	90.250	154.930	7983.35	3579.43	-2621.88	2626.99	1738204.69	394964.66	39°34'50.4931"N	80°25'43.7896"W	3711.52	134.944	3.81	-0.03	-3.81

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Actual Wellpath Report

Radcliff 14H Proj: 22796'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Radcliff 14H
Field	Marion	API/Legal	
Facility	Radcliff Pad	Wellbore	Radcliff 14H
Slot	Slot 14		

WELLPATH DATA (261 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]
10866.00	89.970	150.170	7983.16	3674.32	-2706.16	2670.77	1738248.47	394880.38	39°34'48.6646"N	80°25'43.2193"W	3802.15	135.377	5.02	-0.29	-5.01
10960.00	89.970	149.560	7983.21	3768.32	-2787.46	2717.96	1738295.66	394799.09	39°34'48.8880"N	80°25'42.6059"W	3893.23	135.723	0.65	0.00	-0.65
11054.00	89.910	154.610	7983.31	3862.24	-2870.50	2761.96	1738339.65	394716.05	39°34'48.0498"N	80°25'42.0331"W	3983.48	136.104	5.37	-0.06	5.37
11149.00	89.730	154.420	7983.61	3956.98	-2956.25	2802.83	1738380.53	394630.29	39°34'47.2064"N	80°25'41.4997"W	4073.73	136.526	0.28	-0.19	-0.20
11244.00	89.850	155.360	7983.96	4051.67	-3042.27	2843.14	1738420.84	394544.27	39°34'46.3604"N	80°25'40.9735"W	4164.00	136.938	1.00	0.13	0.99
11339.00	89.660	155.760	7984.36	4146.27	-3128.76	2882.45	1738460.14	394457.79	39°34'45.5096"N	80°25'40.4601"W	4254.13	137.346	0.47	-0.20	0.42
11433.00	89.570	156.350	7985.00	4239.79	-3214.67	2920.60	1738498.29	394371.88	39°34'44.6645"N	80°25'39.9616"W	4343.27	137.744	0.63	-0.10	0.63
11528.00	89.540	158.020	7985.73	4334.09	-3302.23	2957.43	1738535.13	394284.32	39°34'43.8028"N	80°25'39.4796"W	4432.96	138.153	1.76	-0.03	1.76
11624.00	89.760	158.320	7986.32	4429.18	-3391.34	2993.13	1738570.82	394195.21	39°34'42.9257"N	80°25'39.0119"W	4523.28	138.569	0.39	0.23	0.31
11719.00	89.260	154.010	7987.13	4523.65	-3478.22	3031.51	1738609.20	394108.33	39°34'42.0710"N	80°25'38.5103"W	4613.90	138.926	4.57	-0.53	-4.54
11813.00	89.510	155.910	7988.14	4617.33	-3563.37	3071.29	1738648.99	394023.18	39°34'41.2335"N	80°25'37.9910"W	4704.30	139.242	2.04	0.27	2.02
11909.00	89.660	155.120	7988.84	4712.93	-3650.74	3111.08	1738688.77	393935.81	39°34'40.3741"N	80°25'37.4714"W	4796.53	139.563	0.84	0.16	-0.82
12004.00	89.790	156.770	7989.29	4807.46	-3737.48	3149.80	1738727.49	393849.07	39°34'39.5207"N	80°25'36.9655"W	4887.74	139.877	1.74	0.14	1.74
12098.00	89.820	155.800	7989.61	4900.94	-3823.54	3187.60	1738765.30	393763.01	39°34'38.6740"N	80°25'36.4713"W	4977.98	140.183	1.03	0.03	-1.03
12194.00	89.880	156.610	7989.87	4996.42	-3911.38	3226.34	1738804.03	393675.17	39°34'37.8098"N	80°25'35.9651"W	5070.32	140.482	0.85	0.06	0.84
12289.00	89.690	154.580	7990.22	5091.01	-3997.89	3265.59	1738843.28	393588.66	39°34'36.9589"N	80°25'35.4524"W	5162.09	140.757	2.15	-0.20	-2.14
12383.00	89.750	153.260	7990.68	5184.82	-4082.31	3305.91	1738884.60	393504.24	39°34'36.1287"N	80°25'34.9136"W	5253.66	140.991	1.41	0.06	-1.40
12478.00	90.060	154.990	7990.84	5279.60	-4167.79	3348.37	1738926.06	393418.76	39°34'35.2881"N	80°25'34.3729"W	5346.21	141.222	1.85	0.33	1.82
12574.00	90.150	155.050	7990.66	5375.27	-4254.80	3388.91	1738966.60	393331.74	39°34'34.4322"N	80°25'33.8437"W	5438.49	141.463	0.11	0.09	0.06
12668.00	90.180	153.960	7990.39	5469.01	-4339.65	3428.37	1739007.06	393246.90	39°34'33.5978"N	80°25'33.3158"W	5531.11	141.683	1.16	0.03	-1.16
12764.00	90.030	151.710	7990.22	5564.91	-4425.05	3473.19	1739050.89	393161.49	39°34'32.7582"N	80°25'32.7449"W	5625.32	141.872	2.35	-0.16	-2.34
12859.00	90.060	147.930	7990.14	5659.89	-4507.16	3520.94	1739098.64	393079.39	39°34'31.9516"N	80°25'32.1243"W	5719.40	142.003	3.98	0.03	-3.98
12954.00	90.400	153.620	7989.76	5754.84	-4590.04	3567.31	1739145.00	392996.51	39°34'31.1372"N	80°25'31.5213"W	5813.27	142.146	6.00	0.36	5.99
13050.00	88.950	149.990	7990.30	5850.79	-4674.63	3612.65	1739190.35	392911.92	39°34'30.3058"N	80°25'30.9311"W	5907.91	142.302	4.07	-1.51	-3.78
13145.00	89.910	155.250	7991.25	5945.67	-4758.95	3656.33	1739234.02	392827.60	39°34'29.4789"N	80°25'30.3623"W	6001.36	142.465	5.63	1.01	5.64
13240.00	89.660	153.600	7991.61	6040.42	-4844.64	3697.34	1739275.03	392741.91	39°34'28.6341"N	80°25'29.8273"W	6094.33	142.650	1.76	-0.26	-1.74
13335.00	90.060	155.680	7991.84	6135.14	-4930.48	3738.02	1739315.71	392656.07	39°34'27.7899"N	80°25'29.2964"W	6187.28	142.833	2.23	0.42	2.19
13430.00	90.030	155.720	7991.76	6229.71	-5017.06	3777.12	1739354.81	392569.49	39°34'26.9381"N	80°25'28.7858"W	6279.93	143.026	0.05	-0.03	0.04
13525.00	90.250	155.690	7991.53	6324.29	-5103.65	3816.20	1739393.89	392482.90	39°34'26.0864"N	80°25'28.2753"W	6372.65	143.213	0.23	0.23	-0.03
13620.00	89.940	154.960	7991.37	6418.92	-5189.87	3855.86	1739433.55	392396.58	39°34'25.2372"N	80°25'27.7574"W	6465.56	143.390	0.83	-0.33	-0.77
13715.00	90.090	154.670	7991.35	6513.62	-5275.94	3896.29	1739473.98	392310.61	39°34'24.3917"N	80°25'27.2299"W	6558.71	143.554	0.34	0.16	-0.31
13810.00	90.060	154.760	7991.23	6608.33	-5361.84	3936.86	1739514.56	392224.71	39°34'23.5468"N	80°25'26.7004"W	6651.93	143.712	0.10	-0.03	0.09
13906.00	90.680	156.770	7990.61	6703.89	-5449.37	3976.27	1739553.96	392137.18	39°34'22.6857"N	80°25'26.1858"W	6745.84	143.883	2.19	0.65	2.09
14001.00	90.860	156.860	7989.33	6798.26	-5536.69	4013.67	1739591.36	392049.86	39°34'21.8265"N	80°25'25.6967"W	6838.46	144.061	0.21	0.19	0.09
14096.00	90.210	156.860	7988.44	6892.63	-5624.05	4051.00	1739628.69	391962.51	39°34'20.9670"N	80°25'25.2085"W	6931.12	144.235	0.68	-0.68	0.00
14191.00	90.490	157.550	7987.86	6986.93	-5711.62	4087.80	1739665.49	391874.93	39°34'20.1052"N	80°25'24.7270"W	7023.73	144.409	0.78	0.29	0.73
14286.00	90.060	156.780	7987.41	7081.24	-5799.18	4124.66	1739702.35	391787.37	39°34'19.2436"N	80°25'24.2448"W	7116.41	144.578	0.92	-0.45	-0.80
14381.00	90.150	156.290	7987.23	7175.68	-5886.33	4162.48	1739740.17	391700.23	39°34'18.3861"N	80°25'23.7504"W	7209.37	144.734	0.53	0.09	-0.53
14476.00	90.340	156.700	7986.83	7270.12	-5973.44	4200.37	1739778.06	391613.11	39°34'17.5290"N	80°25'23.2552"W	7302.40	144.886	0.48	0.20	0.43
14571.00	90.310	156.480	7986.29	7364.54	-6060.62	4238.11	1739815.80	391525.93	39°34'16.6712"N	80°25'22.7617"W	7395.45	145.035	0.23	-0.03	-0.23
14667.00	90.280	157.110	7985.79	7459.92	-6148.85	4275.94	1739853.63	391437.70	39°34'15.8030"N	80°25'22.2671"W	7489.46	145.185	0.66	-0.03	0.66
14762.00	90.120	155.900	7985.46	7554.35	-6235.97	4313.81	1739891.50	391350.58	39°34'14.9458"N	80°25'21.7721"W	7582.63	145.326	1.28	-0.17	-1.27
14857.00	90.310	156.680	7985.10	7648.83	-6322.95	4352.01	1739929.70	391263.60	39°34'14.0900"N	80°25'21.2729"W	7675.92	145.461	0.85	0.20	0.82
14952.00	90.460	156.440	7984.47	7743.25	-6410.11	4389.80	1739967.49	391176.44	39°34'13.2325"N	80°25'20.7789"W	7769.16	145.596	0.30	0.16	-0.25
15047.00	90.400	156.360	7983.75	7837.71	-6497.16	4427.83	1740005.52	391089.39	39°34'12.3760"N	80°25'20.2818"W	7862.50	145.725	0.11	-0.06	-0.08

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WELL PATH DATA
WELL PATH DATA



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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Radcliff 14H
Field	Marion	API/Legal	
Facility	Radcliff Pad	Wellbore	Radcliff 14H
Slot	Slot 14		

WELLPATH DATA (261 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]
15142.00	90.060	154.950	7983.37	7932.29	-6583.71	4466.99	1740044.68	391002.84	39°34'11.5245"N	80°25'19.7704"W	7956.09	145.843	1.53	-0.36	-1.48
15237.00	90.060	154.570	7983.27	8027.00	-6669.64	4507.50	1740085.19	390916.91	39°34'10.6794"N	80°25'19.2419"W	8049.95	145.948	0.40	0.00	-0.40
15332.00	90.430	154.590	7982.87	8121.73	-6755.45	4548.28	1740125.97	390831.11	39°34'9.8355"N	80°25'18.7099"W	8143.89	146.049	0.39	0.39	0.02
15427.00	90.030	149.930	7982.48	8216.64	-6839.50	4592.49	1740170.18	390747.05	39°34'9.0092"N	80°25'18.1344"W	8238.31	146.120	4.92	-0.42	-4.91
15523.00	90.180	154.530	7982.31	8312.56	-6924.42	4637.20	1740214.89	390662.13	39°34'8.1745"N	80°25'17.5523"W	8333.74	146.190	4.79	0.16	4.79
15617.00	90.150	154.450	7982.04	8406.31	-7009.26	4677.68	1740255.38	390577.29	39°34'7.3401"N	80°25'17.0242"W	8426.77	146.283	0.09	-0.03	-0.09
15712.00	90.340	155.840	7981.63	8500.96	-7095.46	4717.61	1740295.30	390491.10	39°34'6.4922"N	80°25'16.5030"W	8520.65	146.381	1.48	0.20	1.46
15806.00	90.400	154.350	7981.02	8594.63	-7180.71	4757.20	1740334.89	390405.84	39°34'5.6537"N	80°25'15.9864"W	8613.57	146.476	1.59	0.06	-1.59
15901.00	90.580	155.430	7980.21	8689.31	-7266.73	4797.51	1740375.20	390319.83	39°34'4.8076"N	80°25'15.4604"W	8707.55	146.567	1.15	0.19	1.14
15997.00	90.210	154.210	7979.55	8785.01	-7353.60	4838.35	1740416.04	390232.85	39°34'3.9531"N	80°25'14.9275"W	8802.56	146.657	1.33	-0.39	-1.27
16091.00	90.340	154.390	7979.10	8878.77	-7438.30	4879.12	1740456.81	390148.25	39°34'3.1202"N	80°25'14.3959"W	8895.74	146.737	0.24	0.14	0.19
16186.00	90.240	153.880	7978.62	8973.56	-7523.79	4920.56	1740498.25	390062.77	39°34'2.2795"N	80°25'13.8555"W	8989.95	146.815	0.55	-0.11	-0.54
16281.00	90.270	153.880	7978.19	9068.37	-7609.08	4962.38	1740540.07	389977.47	39°34'1.4407"N	80°25'13.3103"W	9084.24	146.889	0.03	0.03	0.00
16376.00	90.920	154.810	7977.21	9163.12	-7694.71	5003.51	1740581.20	389891.84	39°34'0.5986"N	80°25'12.7740"W	9178.44	146.966	1.19	0.68	0.98
16471.00	90.670	153.690	7975.89	9257.89	-7780.23	5044.85	1740622.54	389806.32	39°33'59.7576"N	80°25'12.2349"W	9272.68	147.040	1.31	-0.26	-1.28
16566.00	90.640	153.670	7974.80	9352.72	-7865.34	5087.04	1740664.73	389721.22	39°33'58.9207"N	80°25'11.6850"W	9367.05	147.107	0.09	-0.03	0.08
16661.00	90.640	152.820	7973.74	9447.58	-7950.16	5129.81	1740707.50	389636.39	39°33'58.0867"N	80°25'11.1278"W	9461.50	147.168	0.89	0.00	-0.89
16756.00	90.830	155.460	7972.52	9542.35	-8035.64	5171.24	1740748.93	389550.92	39°33'57.2461"N	80°25'10.5877"W	9555.79	147.237	2.79	0.20	2.78
16851.00	90.610	155.150	7971.33	9636.98	-8121.84	5210.92	1740788.61	389464.62	39°33'56.3971"N	80°25'10.0698"W	9649.85	147.316	0.40	-0.23	-0.33
16946.00	90.460	155.570	7969.44	9731.60	-8208.29	5250.53	1740828.22	389378.27	39°33'55.5478"N	80°25'9.5526"W	9743.92	147.394	0.47	-0.16	0.44
17042.00	90.400	155.710	7968.72	9827.18	-8295.74	5290.13	1740867.81	389290.82	39°33'54.6875"N	80°25'9.0356"W	9838.94	147.475	0.16	-0.06	0.15
17137.00	90.460	155.540	7969.01	9921.76	-8382.27	5329.33	1740907.02	389204.29	39°33'53.8362"N	80°25'8.5237"W	9932.98	147.552	0.19	0.06	-0.18
17232.00	90.640	155.690	7968.10	10016.35	-8468.75	5368.63	1740946.32	389117.80	39°33'52.9854"N	80°25'8.0106"W	10027.06	147.628	0.20	0.19	0.05
17326.00	90.460	155.510	7967.20	10109.95	-8554.32	5407.53	1740985.22	389032.24	39°33'52.1437"N	80°25'7.5027"W	10120.17	147.701	0.21	-0.19	-0.09
17421.00	90.460	155.520	7966.43	10204.55	-8640.77	5446.90	1741024.59	388945.78	39°33'51.2932"N	80°25'6.9887"W	10214.29	147.774	0.01	0.00	0.01
17516.00	90.430	155.350	7965.69	10299.16	-8727.17	5486.40	1741064.09	388859.38	39°33'50.4433"N	80°25'6.4731"W	10308.45	147.844	0.18	-0.03	-0.18
17611.00	90.400	155.570	7965.01	10393.77	-8813.59	5525.85	1741103.54	388772.97	39°33'49.5932"N	80°25'5.9581"W	10402.62	147.914	0.23	-0.03	0.23
17707.00	90.150	155.650	7964.55	10489.36	-8901.02	5565.49	1741143.18	388685.54	39°33'48.7331"N	80°25'5.4405"W	10497.76	147.984	0.27	-0.26	0.08
17801.00	90.180	155.590	7964.28	10582.95	-8986.64	5604.30	1741181.98	388599.92	39°33'47.8908"N	80°25'4.9339"W	10590.93	148.051	0.07	0.03	-0.06
17897.00	90.150	155.340	7964.00	10678.55	-9073.97	5644.16	1741221.85	388512.59	39°33'47.0317"N	80°25'4.4135"W	10686.13	148.118	0.26	-0.03	-0.26
17992.00	90.180	155.460	7963.73	10773.17	-9160.35	5683.71	1741261.39	388426.21	39°33'46.1820"N	80°25'3.8973"W	10780.37	148.182	0.13	0.03	0.13
18087.00	90.120	155.510	7963.48	10867.78	-9246.78	5723.12	1741300.81	388339.78	39°33'45.3317"N	80°25'3.3827"W	10874.81	148.245	0.08	-0.06	0.05
18182.00	90.090	155.480	7963.30	10962.39	-9333.22	5762.54	1741340.23	388253.34	39°33'44.4814"N	80°25'2.8681"W	10968.86	148.308	0.06	-0.03	-0.05
18277.00	90.150	154.410	7963.10	11057.07	-9419.27	5802.79	1741380.48	388167.29	39°33'43.6350"N	80°25'2.3430"W	11063.23	148.365	1.11	0.06	-1.11
18373.00	90.420	155.360	7962.63	11152.76	-9506.19	5843.53	1741421.22	388080.37	39°33'42.7801"N	80°25'1.8115"W	11158.61	148.421	1.03	0.28	0.99
18467.00	90.420	155.480	7961.94	11246.38	-9591.67	5882.63	1741460.32	387994.89	39°33'41.8392"N	80°25'1.3011"W	11251.91	148.479	0.13	0.00	0.13
18563.00	90.420	155.680	7961.23	11341.96	-9679.08	5922.31	1741500.00	387907.47	39°33'41.0793"N	80°25'0.7831"W	11347.18	148.539	0.22	0.00	0.22
18658.00	90.360	155.520	7960.59	11436.55	-9765.60	5961.55	1741539.24	387820.96	39°33'40.2281"N	80°25'0.2708"W	11441.46	148.597	0.19	-0.06	-0.18
18753.00	90.270	155.340	7960.06	11531.17	-9852.00	6001.05	1741578.74	387734.56	39°33'39.3782"N	80°24'59.7552"W	11535.79	148.654	0.21	-0.09	-0.19
18848.00	90.330	155.480	7959.57	11625.78	-9938.38	6040.58	1741618.27	387648.18	39°33'38.6285"N	80°24'59.2392"W	11630.14	148.709	0.16	0.06	0.15
18942.00	90.450	155.520	7958.93	11719.39	-10023.92	6079.58	1741657.25	387562.64	39°33'37.6870"N	80°24'58.7304"W	11723.48	148.763	0.13	0.13	0.04
19037.00	90.480	155.660	7958.16	11813.98	-10110.42	6118.82	1741696.51	387476.14	39°33'36.8360"N	80°24'58.2179"W	11817.81	148.818	0.15	0.03	0.15
19133.00	90.390	155.400	7957.43	11909.57	-10197.80	6158.58	1741736.27	387388.77	39°33'35.9765"N	80°24'57.6988"W	11913.15	148.872	0.29	-0.09	-0.27
19228.00	90.300	155.320	7956.86	12004.20	-10284.14	6198.19	1741775.88	387302.42	39°33'35.1271"N	80°24'57.1819"W	12007.55	148.923	0.13	-0.09	-0.08
19323.00	90.420	155.500	7956.26	12098.81	-10370.53	6237.72	1741815.41	387216.03	39°33'34.2773"N	80°24'56.6659"W	12101.94	148.974	0.23	0.13	0.19

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Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION				
Operator	EQT PRODUCTION COMPANY		Well	Radcliff 14H
Field	Marion		API/Legal	
Facility	Radcliff Pad		Wellbore	Radcliff 14H
Slot	Slot 14			

WELLPATH DATA (261 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]
19418.00	90.270	155.410	7955.69	12193.42	-10456.94	6277.18	1741854.87	387129.62	39°33'33.4272"N	80°24'56.1508"W	12196.34	149.024	0.18	-0.16	-0.09
19513.00	90.150	152.090	7955.34	12288.24	-10542.13	6319.20	1741896.88	387044.43	39°33'32.5895"N	80°24'55.6034"W	12291.00	149.061	3.50	-0.13	-3.49
19703.00	90.180	155.500	7954.79	12477.85	-10712.58	6403.08	1741980.77	386873.99	39°33'30.9134"N	80°24'54.5101"W	12480.34	149.133	1.79	0.02	1.79
19798.00	90.180	155.380	7954.49	12572.46	-10798.98	6442.57	1742020.26	386787.58	39°33'30.0634"N	80°24'53.9948"W	12574.76	149.180	0.13	0.00	-0.13
19893.00	90.110	155.410	7954.25	12667.08	-10885.35	6482.12	1742059.81	386701.21	39°33'29.2137"N	80°24'53.4785"W	12669.21	149.227	0.08	-0.07	0.03
19989.00	90.020	155.250	7954.14	12762.71	-10972.59	6522.19	1742099.88	386613.97	39°33'28.3555"N	80°24'52.9556"W	12764.67	149.272	0.19	-0.09	-0.17
20083.00	90.360	155.520	7953.83	12856.34	-11058.05	6561.35	1742139.03	386528.51	39°33'27.5149"N	80°24'52.4446"W	12858.14	149.317	0.46	0.36	0.29
20179.00	90.330	155.450	7953.25	12951.94	-11145.39	6601.18	1742178.87	386441.17	39°33'26.6556"N	80°24'51.9247"W	12953.58	149.363	0.08	-0.03	-0.07
20274.00	90.420	155.440	7952.63	13046.55	-11231.80	6640.66	1742218.34	386354.76	39°33'25.8056"N	80°24'51.4094"W	13048.05	149.407	0.10	0.09	-0.01
20369.00	90.140	152.600	7952.17	13141.34	-11317.19	6682.27	1742259.95	386269.37	39°33'24.9659"N	80°24'50.8671"W	13142.74	149.440	3.00	-0.29	-2.99
20463.00	89.990	152.770	7952.06	13235.25	-11400.71	6725.40	1742303.09	386185.85	39°33'24.1448"N	80°24'50.3055"W	13236.59	149.463	0.24	-0.16	0.18
20559.00	90.080	155.210	7952.00	13331.04	-11486.98	6767.50	1742345.18	386099.58	39°33'23.2964"N	80°24'49.7569"W	13332.28	149.496	2.54	0.09	2.54
20653.00	90.140	155.580	7951.82	13424.67	-11572.44	6806.64	1742384.32	386014.12	39°33'22.4556"N	80°24'49.2461"W	13425.79	149.537	0.40	0.06	0.39
20748.00	90.270	155.560	7951.48	13519.26	-11658.94	6845.92	1742423.61	385927.63	39°33'21.6047"N	80°24'48.7333"W	13520.26	149.579	0.14	0.14	-0.02
20844.00	90.080	155.460	7951.19	13614.86	-11746.30	6885.72	1742463.41	385840.26	39°33'20.7453"N	80°24'48.2138"W	13615.75	149.621	0.22	-0.20	-0.10
20938.00	90.050	155.010	7951.08	13708.51	-11831.66	6925.10	1742502.78	385754.91	39°33'19.9057"N	80°24'47.7001"W	13709.30	149.659	0.48	-0.03	-0.48
21034.00	90.270	155.760	7950.81	13804.13	-11918.93	6965.08	1742542.77	385667.63	39°33'19.0471"N	80°24'47.1782"W	13804.83	149.699	0.81	0.23	0.78
21128.00	90.270	155.760	7950.37	13897.70	-12004.64	7003.67	1742581.36	385581.92	39°33'18.2039"N	80°24'46.6744"W	13898.30	149.740	0.00	0.00	0.00
21223.00	90.270	155.710	7949.92	13992.26	-12091.25	7042.71	1742620.40	385495.32	39°33'17.3518"N	80°24'46.1647"W	13992.79	149.781	0.05	0.00	-0.05
21318.00	89.990	154.800	7949.71	14086.90	-12177.52	7082.48	1742660.16	385409.04	39°33'16.5031"N	80°24'45.6459"W	14087.36	149.818	1.00	-0.29	-0.96
21413.00	90.050	154.090	7949.67	14181.65	-12263.23	7123.46	1742701.15	385323.33	39°33'15.6602"N	80°24'45.1116"W	14182.05	149.849	0.75	0.06	-0.75
21508.00	90.270	155.620	7949.41	14276.35	-12349.22	7163.82	1742741.51	385237.34	39°33'14.8143"N	80°24'44.5851"W	14276.68	149.882	1.63	0.23	1.61
21602.00	89.710	154.880	7949.43	14369.99	-12434.59	7203.18	1742780.86	385151.98	39°33'13.9746"N	80°24'44.0716"W	14370.27	149.917	0.99	-0.60	-0.79
21697.00	89.680	151.110	7949.93	14464.87	-12519.21	7246.31	1742823.99	385067.35	39°33'13.1425"N	80°24'43.5100"W	14465.12	149.937	3.97	-0.03	-3.97
21792.00	89.740	151.370	7950.41	14559.85	-12602.49	7292.01	1742869.70	384984.07	39°33'12.3240"N	80°24'42.9157"W	14560.09	149.946	0.28	0.06	0.27
21887.00	89.900	155.540	7950.71	14654.68	-12687.46	7334.46	1742912.15	384899.11	39°33'11.4885"N	80°24'42.3628"W	14654.90	149.968	4.39	0.17	4.39
21982.00	89.960	155.510	7950.83	14749.29	-12773.92	7373.82	1742951.50	384812.64	39°33'10.6379"N	80°24'41.8491"W	14749.45	150.004	0.07	0.06	-0.03
22077.00	90.110	155.440	7950.77	14843.89	-12860.35	7413.25	1742990.94	384726.21	39°33'9.7877"N	80°24'41.3345"W	14844.02	150.039	0.17	0.16	-0.07
22172.00	89.870	155.610	7950.79	14938.50	-12946.82	7452.61	1743030.29	384639.75	39°33'8.9371"N	80°24'40.8209"W	14938.59	150.074	0.31	-0.25	0.18
22267.00	89.870	155.400	7951.00	15033.10	-13033.27	7492.00	1743069.68	384553.30	39°33'8.0866"N	80°24'40.3068"W	15033.16	150.108	0.22	0.00	-0.22
22362.00	89.800	155.420	7951.27	15127.72	-13119.65	7531.53	1743109.21	384466.92	39°33'7.2368"N	80°24'39.7910"W	15127.76	150.141	0.08	-0.07	0.02
22457.00	89.770	155.210	7951.63	15222.35	-13205.97	7571.20	1743148.89	384380.60	39°33'6.3877"N	80°24'39.2733"W	15222.38	150.174	0.22	-0.03	-0.22
22552.00	89.770	155.100	7952.01	15317.01	-13292.17	7611.12	1743188.80	384294.39	39°33'5.5397"N	80°24'38.7526"W	15317.02	150.204	0.12	0.00	-0.12
22647.00	89.770	154.980	7952.39	15411.68	-13378.30	7651.21	1743228.89	384208.27	39°33'4.6925"N	80°24'38.2296"W	15411.68	150.234	0.13	0.00	-0.13
22771.00	89.740	155.240	7952.92	15535.23	-13490.78	7703.40	1743281.08	384095.78	39°33'3.5860"N	80°24'37.5488"W	15535.23	150.273	0.21	-0.02	0.21
22796.00†	89.740	155.240	7953.04	15560.14	-13513.48	7713.87	1743291.55	384073.08	39°33'3.3627"N	80°24'37.4122"W	15560.14	150.281	0.00	0.00	0.00

HOLE & CASING SECTIONS - Ref Wellbore: Radcliff 14H Ref Wellpath: Radcliff 14H Proj: 22796'									
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]
13.375in Casing Surface	28.00	1385.00	1357.00	28.00	1384.99	0.00	0.00	-3.03	1.77
9.625in Casing Intermediate	28.00	2745.00	2717.00	28.00	2743.87	0.00	0.00	-10.46	52.53
8.75in Open Hole	2745.00	7572.00	4827.00	2743.87	7392.61	-10.46	52.53	-69.16	1309.45

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Actual Wellpath Report

Radcliff 14H Proj: 22796'

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Radcliff 14H
Field	Marion	API/Legal	
Facility	Radcliff Pad	Wellbore	Radcliff 14H
Slot	Slot 14		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Radcliff 14H T1	7966.00	-579.80	1683.64	1737261.34	397006.74	39°35'10.5790"N	80°25'56.1083"W	point
Radcliff 14H T2	8122.90	-13514.15	7715.79	1743293.47	384072.41	39°33'3.3563"N	80°24'37.3876"W	point

WELLPATH COMPOSITION - Ref Wellbore: Radcliff 14H Ref Wellpath: Radcliff 14H Proj: 22796'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
28.00	1270.00	BH Generic gyro - continuous (Standard)	01 Gyro	Radcliff 14H	2/22/2024
1270.00	7495.00	OWSG MWD rev2 - Standard	02 SDI MWD	Radcliff 14H	2/22/2024
7495.00	22796.00	OWSG MWD rev2 + IFR1 + Sag + Multi-Station Correction	03 BH Lucida+SuperiorQC IFR1+Sag+FDIR <8-1/2"> (7545-22771)	Radcliff 14H	4/8/2024

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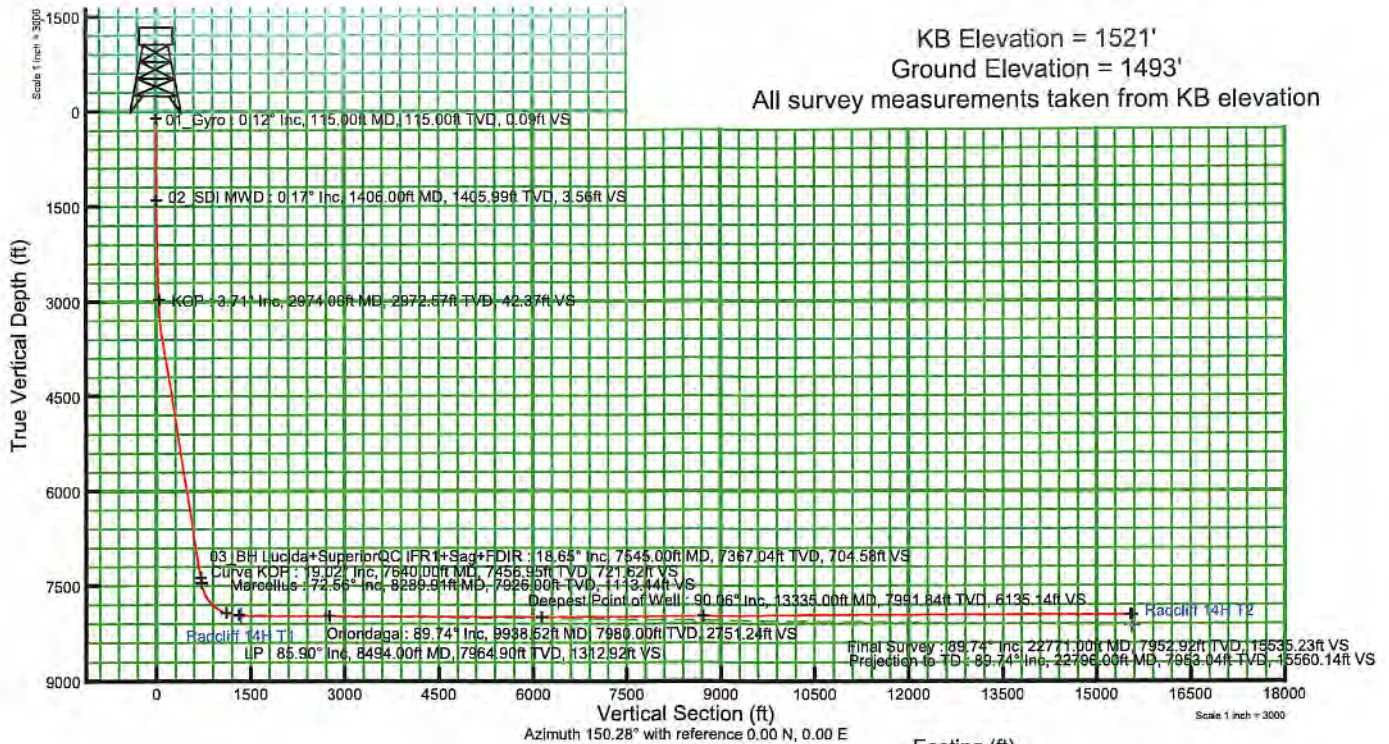
04/11/2025



EQT PRODUCTION COMPANY

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

Slot: Slot 14
Well: Radcliff 14H
Wellbore: Radcliff 14H



User specified Dip: 85.30° Field: 51439.5 nT
Magnetic North is 8.76 degrees West of True North (at 4/7/2024)
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 8.16 degrees

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Surface Location

Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
1735577.7	397586.54	39.5878156	-80.4382473

KOP

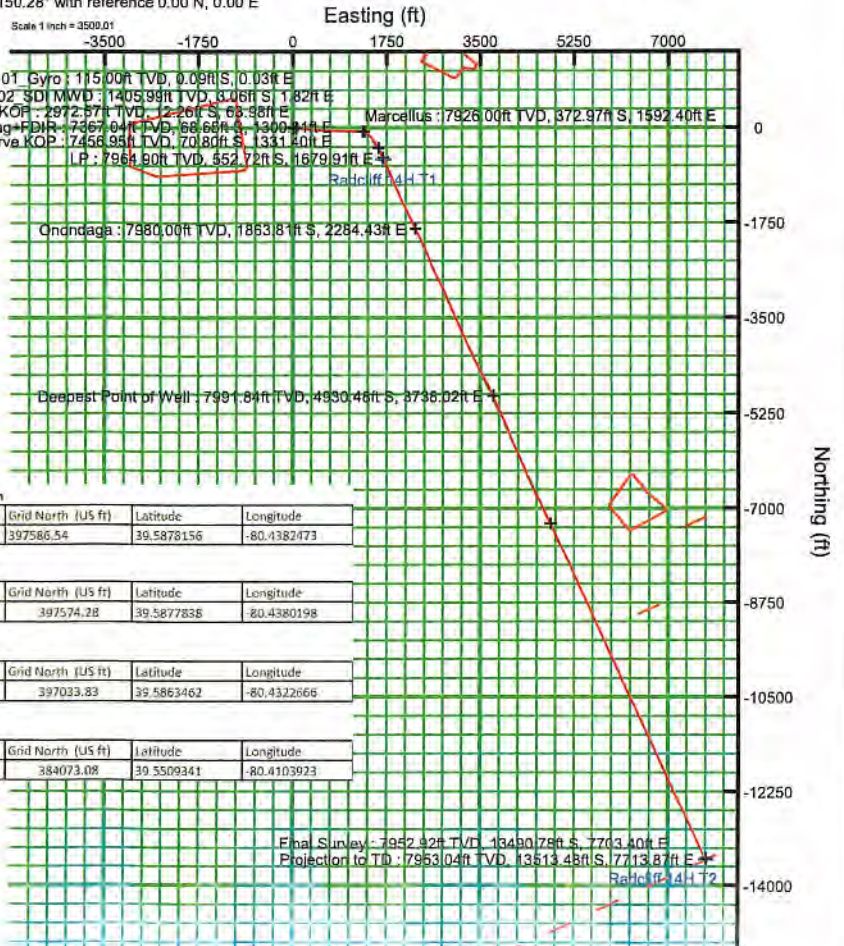
MD (ft)	Inc (°)	Adj (°)	TVD (ft)	North	East	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
2974	3.71	89.35	2972.57	-12.26	63.98	1735641.68	397574.28	39.5877836	-80.4380198

Landing Point

MD (ft)	Inc (°)	Adj (°)	TVD (ft)	North	East	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
8494	85.9	155.15	7964.9	-552.72	1679.91	1737257.6	397033.83	39.5863462	-80.4322666

Bottom Hole Location

MD (ft)	Inc (°)	Adj (°)	TVD (ft)	North	East	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
22796	89.74	155.24	7953.04	-13513.48	7713.87	1743291.55	384073.08	39.5509341	-80.4103923



04/11/2025