

Actual Wellpath Report

BIG 464 113H AWP Proj: 25750'
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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 464 113H (L-004012)
Field	Wetzel	API	47-103-03437
Facility	Big 464 Pad	Wellbore	BIG 464 113H AWB
Slot	Slot #113		

REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Manajohj
Scale	0.999941	Report Generated	6/9/2022 at 1:42:39 PM
Convergence at slot	0.65° 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	-3.79	32.40	1713430.94	390418.37	39°34'2.9099"N	80°30'59.5302"W
Facility Reference Pt			1713398.54	390422.16	39°34'2.9437"N	80°30'59.9445"W
Field Reference Pt			1688243.35	385255.46	39°33'8.9436"N	80°36'20.3370"W

WELLPATH DATUM

Calculation method	Minimum curvature	Patterson 294 (RKB) to Facility Vertical Datum	1274.00ft
Horizontal Reference Pt	Slot	Patterson 294 (RKB) to Mean Sea Level	1274.00ft
Vertical Reference Pt	Patterson 294 (RKB)	Patterson 294 (RKB) to Ground Level at Slot (Slot #113)	28.00ft
MD Reference Pt	Patterson 294 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	337.84°

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WELLPATH DATA (297 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	227.360	0.00	0.00	0.00	0.00	1713430.94	390418.37	39°34'2.9099"N	80°30'59.5302"W	0.00	0.000	0.00	0.00	0.00
28.00	0.000	227.360	28.00	0.00	0.00	0.00	1713430.94	390418.37	39°34'2.9099"N	80°30'59.5302"W	0.00	0.000	0.00	0.00	0.00
115.00	0.200	227.360	115.00	-0.05	-0.10	-0.11	1713430.83	390418.27	39°34'2.9088"N	80°30'59.5316"W	0.15	227.360	0.23	0.23	0.00
215.00	0.200	227.540	215.00	-0.17	-0.34	-0.37	1713430.57	390418.03	39°34'2.9065"N	80°30'59.5349"W	0.50	227.423	0.20	0.00	0.18
315.00	0.090	237.450	315.00	-0.25	-0.50	-0.56	1713430.38	390417.87	39°34'2.9049"N	80°30'59.5374"W	0.75	228.491	0.11	-0.11	9.91
415.00	0.080	250.180	415.00	-0.26	-0.56	-0.70	1713430.24	390417.81	39°34'2.9036"N	80°30'59.5390"W	0.90	230.923	0.02	-0.01	12.73
515.00	0.100	243.090	515.00	-0.27	-0.63	-0.84	1713429.85	390417.66	39°34'2.9027"N	80°30'59.5408"W	1.05	233.187	0.02	0.02	-7.09
615.00	0.200	256.250	615.00	-0.25	-0.71	-1.09	1713429.56	390417.52	39°34'2.9013"N	80°30'59.5440"W	1.30	236.872	0.11	0.10	13.16
715.00	0.180	229.260	715.00	-0.27	-0.85	-1.38	1713429.38	390417.36	39°34'2.8997"N	80°30'59.5477"W	1.62	238.186	0.09	-0.02	-26.99
815.00	0.100	227.860	815.00	-0.35	-1.01	-1.56	1713429.21	390417.19	39°34'2.8980"N	80°30'59.5500"W	1.86	236.953	0.08	-0.08	-1.40
915.00	0.180	225.030	915.00	-0.44	-1.18	-1.73	1713429.06	390417.06	39°34'2.8967"N	80°30'59.5522"W	2.10	235.691	0.08	0.08	-2.83
1005.00	0.070	235.620	1005.00	-0.51	-1.31	-1.88	1713429.02	390417.19	39°34'2.8979"N	80°30'59.5540"W	2.29	235.036	0.12	-0.12	11.77
1084.00	0.230	0.700	1084.00	-0.37	-1.18	-1.92	1713429.02	390417.39	39°34'2.8979"N	80°30'59.5545"W	2.19	243.303	0.30	0.21	-45.07
1127.00	0.320	341.320	1127.00	-0.17	-0.98	-1.96	1713428.98	390417.39	39°34'2.8999"N	80°30'59.5550"W	2.08	247.981	0.67	-0.05	128.56
1170.00	0.300	36.600	1170.00	0.01	-0.78	-1.93	1713429.01	390417.59	39°34'2.9019"N	80°30'59.5547"W	2.08	247.981	0.67	-0.05	128.56
1213.00	0.990	98.050	1212.99	-0.12	-0.74	-1.49	1713429.45	390417.63	39°34'2.9024"N	80°30'59.5492"W	1.67	243.591	2.06	1.60	142.91
1256.00	2.000	109.070	1255.98	-0.80	-1.04	-1.49	1713432.29	390417.33	39°34'2.8996"N	80°30'59.5354"W	1.12	201.779	2.43	2.35	25.63
1300.00	2.800	104.230	1299.94	-1.95	-1.55	1.35	1713434.43	390416.82	39°34'2.8947"N	80°30'59.5127"W	2.06	138.944	1.87	1.82	-11.00
1343.00	3.040	100.960	1342.88	-3.19	-2.03	3.49	1713436.73	390415.77	39°34'2.8902"N	80°30'59.4854"W	4.04	120.159	0.68	0.56	-7.60
1386.00	3.290	106.560	1385.82	-4.59	-2.60	5.79	1713438.98	390415.00	39°34'2.8848"N	80°30'59.4559"W	6.35	114.145	0.92	0.58	13.02
1429.00	3.060	111.460	1428.75	-6.15	-3.37	8.04	1713440.92	390414.16	39°34'2.8775"N	80°30'59.4270"W	8.72	112.721	0.83	-0.53	11.40
1472.00	2.580	116.110	1471.70	-7.67	-4.21	9.98	1713442.44	390413.22	39°34'2.8693"N	80°30'59.4022"W	10.83	112.890	1.24	-1.12	10.81
1515.00	2.210	128.300	1514.66	-9.11	-5.15	11.50	1713444.93	390412.23	39°34'2.8602"N	80°30'59.3826"W	12.60	114.139	1.46	-0.86	28.35
1558.00	2.080	127.290	1557.63	-10.50	-6.14	12.77	1713448.71	390411.33	39°34'2.8506"N	80°30'59.3663"W	14.17	115.677	0.31	-0.30	-2.35
1601.00	1.960	126.000	1600.61	-11.80	-7.05	13.99	1713446.28	390410.74	39°34'2.8418"N	80°30'59.3506"W	15.66	116.734	0.30	-0.28	-3.00
1644.00	2.070	101.700	1643.58	-12.86	-7.63	15.34	1713446.28	390410.74	39°34'2.8361"N	80°30'59.3332"W	17.14	116.456	1.99	0.26	-56.51
1687.00	2.720	90.700	1686.54	-13.69	-7.63	17.12	1713448.06	390410.57	39°34'2.8346"N	80°30'59.3105"W	18.82	114.504	1.84	1.51	-25.58
1731.00	3.450	82.000	1730.48	-14.42	-7.63	19.48	1713450.42	390410.74	39°34'2.8366"N	80°30'59.2804"W	20.92	111.400	1.97	1.66	-19.77
1774.00	3.970	83.260	1773.39	-15.13	-7.28	22.24	1713453.18	390411.09	39°34'2.8404"N	80°30'59.2452"W	23.40	108.124	1.22	1.21	2.93
1817.00	4.470	78.200	1816.27	-15.83	-6.76	25.36	1713456.29	390411.61	39°34'2.8459"N	80°30'59.2055"W	26.24	104.931	1.45	1.16	-11.77



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Operator: **EQT PRODUCTION COMPANY**

API: **47-103-03437**

Field: **Wetzel**

Wellbore: **BIG 464 113H AWB**

Facility: **Big 464 Pad**

Slot: **Slot #113**

WELLPATH DATA (297 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]
1860.00	4.840	87.890	1859.13	-16.75	-6.35	28.81	1713459.75	390412.02	39°34'2.8503"N	80°30'59.1615"W	29.50	102.433	2.02	0.86	22.52
1946.00	5.010	101.910	1944.82	-20.10	-6.99	36.11	1713467.05	390411.38	39°34'2.8448"N	80°30'59.0682"W	36.78	100.961	1.41	0.20	16.30
2032.00	5.390	102.620	2030.46	-24.50	-8.65	43.73	1713474.66	390409.72	39°34'2.8293"N	80°30'58.9707"W	44.57	101.191	0.45	0.44	0.83
2118.00	4.120	96.240	2116.16	-28.28	-9.87	50.74	1713481.68	390408.50	39°34'2.8180"N	80°30'58.8810"W	51.69	101.007	1.60	-1.48	-7.42
2204.00	3.980	92.860	2201.95	-31.01	-10.35	56.79	1713487.73	390408.02	39°34'2.8139"N	80°30'58.8036"W	57.73	100.332	0.32	-0.16	-3.93
2291.00	4.320	90.460	2288.72	-33.55	-10.53	63.08	1713494.02	390407.84	39°34'2.8128"N	80°30'58.7232"W	63.96	99.477	0.44	0.39	-2.75
2377.00	4.860	90.660	2374.45	-36.21	-10.60	69.96	1713500.90	390407.77	39°34'2.8129"N	80°30'58.6354"W	70.76	98.614	0.63	0.63	0.23
2412.00	5.070	91.690	2409.31	-37.41	-10.66	72.99	1713503.93	390407.71	39°34'2.8127"N	80°30'58.5967"W	73.77	98.310	0.65	0.60	2.94
2502.00	5.350	92.050	2498.94	-40.73	-10.93	81.16	1713512.10	390407.44	39°34'2.8109"N	80°30'58.4924"W	81.89	97.669	0.31	0.31	0.40
2546.00	5.300	93.540	2542.75	-42.46	-11.13	85.24	1713516.17	390407.24	39°34'2.8094"N	80°30'58.4403"W	85.96	97.438	0.33	-0.11	3.39
2589.00	5.580	93.700	2585.56	-44.23	-11.39	89.31	1713520.24	390406.99	39°34'2.8073"N	80°30'58.3883"W	90.03	97.265	0.65	0.65	0.37
2632.00	6.340	92.120	2628.33	-46.12	-11.61	93.77	1713524.70	390406.76	39°34'2.8056"N	80°30'58.3313"W	94.48	97.057	1.81	1.77	-3.97
2675.00	7.410	91.340	2671.02	-48.20	-11.76	98.91	1713529.85	390406.61	39°34'2.8047"N	80°30'58.2856"W	99.61	96.781	2.50	2.49	-1.81
2718.00	7.660	90.110	2713.64	-50.39	-11.83	104.55	1713535.48	390406.54	39°34'2.8046"N	80°30'58.1936"W	105.22	96.456	0.69	0.58	-2.86
2762.00	7.590	88.580	2757.26	-52.53	-11.76	110.39	1713541.32	390406.61	39°34'2.8059"N	80°30'58.1191"W	111.01	96.083	0.49	-0.16	-3.48
2805.00	8.060	87.470	2799.86	-54.55	-11.56	116.24	1713547.17	390406.81	39°34'2.8086"N	80°30'58.0444"W	116.81	95.680	1.15	1.09	-2.58
2848.00	9.240	86.680	2842.37	-56.68	-11.23	122.70	1713553.63	390407.14	39°34'2.8126"N	80°30'57.9620"W	123.21	95.229	2.76	2.74	-1.84
2891.00	10.090	87.590	2884.75	-59.07	-10.87	129.91	1713560.84	390407.50	39°34'2.8170"N	80°30'57.8700"W	130.36	94.783	2.01	1.98	2.12
2934.00	10.790	87.650	2927.04	-61.70	-10.55	137.69	1713568.62	390407.82	39°34'2.8210"N	80°30'57.7706"W	138.09	94.380	1.63	1.63	0.14
2977.00	11.400	87.830	2969.24	-64.52	-10.22	145.96	1713576.89	390408.15	39°34'2.8252"N	80°30'57.6651"W	146.32	94.005	1.42	1.42	0.42
3021.00	12.130	88.490	3012.31	-67.64	-9.93	154.93	1713585.86	390408.44	39°34'2.8290"N	80°30'57.5507"W	155.24	93.669	1.69	1.66	1.50
3064.00	13.110	88.000	3054.27	-70.91	-9.65	164.32	1713595.25	390408.73	39°34'2.8329"N	80°30'57.4308"W	164.60	93.359	2.29	2.28	-1.12
3107.00	14.040	88.740	3096.07	-74.45	-9.36	174.40	1713605.33	390409.01	39°34'2.8368"N	80°30'57.3020"W	174.66	93.072	2.20	2.16	1.70
3150.00	15.050	88.780	3137.69	-78.31	-9.13	185.20	1713616.13	390409.24	39°34'2.8404"N	80°30'57.1642"W	185.43	92.822	2.35	2.35	0.09
3193.00	15.980	88.080	3179.13	-82.35	-8.81	196.70	1713627.63	390409.56	39°34'2.8448"N	80°30'57.0175"W	196.90	92.565	2.21	2.16	-1.63
3236.00	16.780	87.390	3220.38	-86.48	-8.33	208.81	1713639.74	390410.04	39°34'2.8509"N	80°30'56.8628"W	208.98	92.284	1.91	1.86	-1.60
3322.00	18.560	86.970	3302.32	-95.12	-7.08	234.89	1713665.81	390411.33	39°34'2.8665"N	80°30'56.5301"W	234.99	91.717	2.08	2.07	-0.49
3409.00	20.390	88.000	3384.34	-104.88	-5.74	263.86	1713694.78	390412.59	39°34'2.8822"N	80°30'56.1603"W	263.92	91.255	2.14	2.14	1.18
3495.00	22.420	88.100	3464.40	-115.72	-4.71	295.23	1713726.15	390413.66	39°34'2.8963"N	80°30'55.7600"W	295.27	90.915	2.36	2.36	0.12
3581.00	24.270	88.340	3543.36	-127.59	-3.66	329.29	1713760.21	390414.71	39°34'2.9105"N	80°30'55.3252"W	329.31	90.636	2.15	2.15	0.28

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3667.00	26.470	87.590	3621.06	-140.26	-2.34	366.11	1713797.03	390416.03	39°34'2.9277"N	80°30'54.8553"W	366.12	90.366	2.59	2.56	-0.87
3754.00	28.910	85.840	3698.09	-153.31	0.00	406.46	1713837.38	390418.37	39°34'2.9553"N	80°30'54.3404"W	406.46	90.000	2.96	2.80	-2.01
3840.00	31.660	85.550	3772.35	-166.60	3.26	449.71	1713880.62	390421.63	39°34'2.9923"N	80°30'53.7887"W	449.72	89.584	3.20	3.20	-0.34
3926.00	33.570	85.550	3844.79	-180.70	6.86	495.92	1713926.83	390425.23	39°34'3.0330"N	80°30'53.1992"W	495.96	89.208	2.22	2.22	0.00
4013.00	34.560	85.940	3916.86	-195.69	10.47	544.51	1713975.42	390428.84	39°34'3.0742"N	80°30'52.5792"W	544.61	88.898	1.17	1.14	0.45
4099.00	35.150	85.010	3987.43	-210.57	14.35	593.51	1714024.41	390432.72	39°34'3.1180"N	80°30'51.9542"W	593.68	88.615	0.92	0.69	-1.08
4185.00	35.060	84.150	4057.78	-224.82	19.02	642.74	1714073.64	390437.39	39°34'3.1696"N	80°30'51.3262"W	643.02	88.305	0.58	-0.10	-1.00
4271.00	34.610	84.950	4128.37	-238.94	23.69	691.64	1714122.54	390442.06	39°34'3.2212"N	80°30'50.7025"W	692.05	88.038	0.75	-0.52	0.93
4357.00	33.540	84.480	4199.61	-252.93	28.13	739.62	1714170.52	390446.49	39°34'3.2704"N	80°30'50.0906"W	740.16	87.822	1.28	-1.24	-0.55
4443.00	32.910	85.500	4271.55	-266.82	32.24	786.56	1714217.45	390450.61	39°34'3.3164"N	80°30'49.4918"W	787.22	87.653	0.98	-0.73	-1.19
4530.00	33.430	85.180	4344.37	-281.13	36.11	834.00	1714264.89	390454.48	39°34'3.3599"N	80°30'48.8866"W	834.79	87.521	0.63	0.60	-0.37
4616.00	32.660	85.170	4416.46	-295.11	40.06	880.73	1714311.62	390458.42	39°34'3.4041"N	80°30'48.2905"W	881.64	87.396	0.90	-0.90	-0.01
4702.00	31.560	83.010	4489.31	-307.91	44.75	926.20	1714357.08	390463.12	39°34'3.4555"N	80°30'47.7107"W	927.28	87.234	1.85	-1.28	-2.51
4788.00	31.420	82.960	4562.64	-319.65	50.24	970.78	1714401.66	390468.60	39°34'3.5147"N	80°30'47.1422"W	972.08	87.038	0.17	-0.16	-0.06
4874.00	31.380	81.820	4636.05	-330.90	56.17	1015.19	1714446.07	390474.54	39°34'3.5783"N	80°30'46.5760"W	1016.75	86.833	0.69	-0.05	-1.38
4951.00	32.800	81.260	4709.75	-341.80	62.97	1060.91	1714491.78	390481.34	39°34'3.6506"N	80°30'45.9933"W	1062.77	86.603	1.67	1.63	-0.64
5039.00	32.970	81.620	4775.25	-351.80	69.28	1102.79	1714533.66	390487.64	39°34'3.7176"N	80°30'45.4595"W	1104.96	86.405	0.33	0.22	0.76
5125.00	34.350	83.530	4846.84	-363.94	75.42	1150.05	1714580.92	390493.79	39°34'3.7836"N	80°30'44.8569"W	1152.52	86.248	2.02	1.60	2.22
5211.00	34.870	85.100	4917.62	-377.79	80.26	1198.65	1714629.52	390498.62	39°34'3.8368"N	80°30'44.2370"W	1201.33	86.169	1.20	0.60	1.83
5298.00	36.210	85.490	4988.41	-392.96	84.40	1249.05	1714679.91	390502.77	39°34'3.8833"N	80°30'43.5941"W	1251.90	86.134	1.56	1.54	0.45
5384.00	37.310	87.720	5057.31	-409.53	87.43	1300.42	1714731.28	390505.80	39°34'3.9190"N	80°30'42.9387"W	1303.36	86.153	2.01	1.28	2.56
5470.00	35.690	89.040	5126.44	-427.47	88.89	1351.55	1714782.41	390507.26	39°34'3.9391"N	80°30'42.2860"W	1354.47	86.237	2.09	-1.88	1.53
5556.00	34.950	89.340	5196.61	-445.57	89.60	1401.26	1714832.12	390507.96	39°34'3.9516"N	80°30'41.6513"W	1404.13	86.342	0.88	-0.86	0.35
5642.00	34.730	88.250	5267.20	-463.14	90.63	1450.38	1714881.23	390508.99	39°34'3.9673"N	80°30'41.0243"W	1453.21	86.424	0.77	-0.26	-1.27
5729.00	35.120	88.060	5338.53	-480.43	92.23	1500.16	1714931.01	390510.60	39°34'3.9887"N	80°30'40.3889"W	1503.00	86.482	0.47	0.45	-0.22
5815.00	35.260	88.340	5408.81	-497.67	93.79	1549.70	1714980.55	390512.15	39°34'4.0096"N	80°30'39.7567"W	1552.54	86.537	0.25	0.16	0.33
5901.00	35.660	88.680	5478.85	-515.29	95.09	1599.59	1715030.43	390513.45	39°34'4.0279"N	80°30'39.1199"W	1602.41	86.598	0.54	0.49	0.40
5988.00	34.390	88.450	5550.08	-532.96	96.33	1649.52	1715080.36	390514.70	39°34'4.0458"N	80°30'38.4826"W	1652.33	86.658	1.49	-1.48	-0.26
6074.00	32.820	86.910	5621.71	-549.13	98.25	1697.07	1715127.91	390516.61	39°34'4.0700"N	80°30'37.8756"W	1699.91	86.687	2.08	-1.83	-1.79
6160.00	32.790	86.240	5694.00	-564.09	101.03	1743.58	1715174.41	390519.40	39°34'4.1027"N	80°30'37.2822"W	1746.50	86.684	0.42	-0.03	-0.78



Actual Wellpath Report

BIG 464 113H AWP Proj: 25750'

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 464 113H (L-004012)
Field	Wetzel	API	47-103-03437
Facility	Big 464 Pad	Wellbore	BIG 464 113H AWB
Slot	Slot #113		

WELLPATH DATA (297 stations)

ID	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]
6246.00	34.060	86.480	5765.77	-579.14	104.04	1790.86	1715221.69	390522.40	39°34'4.1377"N	80°30'36.6790"W	1793.87	86.675	1.48	1.48	0.28
6333.00	34.430	85.860	5837.69	-694.54	107.31	1839.70	1715270.53	390525.67	39°34'4.1754"N	80°30'36.0558"W	1842.83	86.662	0.58	0.43	-0.71
6419.00	32.740	84.690	5909.33	-608.80	111.22	1887.11	1715317.94	390529.58	39°34'4.2193"N	80°30'35.4510"W	1890.39	86.627	2.10	-1.97	-1.36
6505.00	30.680	82.460	5982.49	-621.08	116.25	1932.02	1715362.85	390534.61	39°34'4.2740"N	80°30'34.8782"W	1935.52	86.557	2.76	-2.40	-2.59
6591.00	30.150	83.000	6056.65	-632.27	121.76	1975.21	1715406.03	390540.12	39°34'4.3333"N	80°30'34.3276"W	1978.96	86.473	0.69	-0.62	0.63
6677.00	30.130	83.290	6131.03	-643.67	126.91	2018.09	1715448.90	390545.28	39°34'4.3890"N	80°30'33.7809"W	2022.07	86.402	0.17	-0.02	0.34
6764.00	31.290	84.010	6205.83	-655.77	131.82	2062.24	1715493.06	390550.18	39°34'4.4424"N	80°30'33.2178"W	2066.45	86.343	1.40	1.33	0.63
6850.00	32.900	87.210	6278.69	-669.74	135.29	2107.79	1715538.60	390553.65	39°34'4.4817"N	80°30'32.6368"W	2112.13	86.327	2.72	1.87	3.72
6936.00	33.980	86.900	6350.45	-685.34	137.73	2155.12	1715585.93	390556.09	39°34'4.5111"N	80°30'32.0328"W	2159.51	86.343	1.27	1.26	-0.36
7023.00	35.040	86.680	6422.14	-701.34	140.49	2204.33	1715635.13	390558.85	39°34'4.5438"N	80°30'31.4049"W	2208.80	86.353	1.23	1.22	-0.25
7109.00	35.550	87.300	6492.33	-717.64	143.10	2253.95	1715684.75	390561.46	39°34'4.5751"N	80°30'30.7717"W	2258.49	86.367	0.72	0.59	0.72
7195.00	35.480	85.290	6562.33	-733.46	146.32	2303.80	1715734.60	390564.68	39°34'4.6125"N	80°30'30.1356"W	2308.44	86.366	1.36	0.08	-2.34
7281.00	34.570	82.970	6632.76	-747.31	151.36	2352.89	1715783.69	390569.72	39°34'4.6677"N	80°30'29.5095"W	2357.75	86.319	1.88	-1.06	-2.70
7327.00	33.480	81.780	6670.89	-753.77	154.77	2378.40	1715809.20	390573.13	39°34'4.7043"N	80°30'28.1843"W	2383.43	86.277	2.78	-2.37	-2.59
7442.00	32.800	87.090	6767.20	-771.69	160.89	2440.92	1715871.71	390579.25	39°34'4.7653"N	80°30'27.7605"W	2446.21	86.229	2.59	-0.59	4.62
7537.00	31.170	71.990	6847.91	-781.97	169.81	2490.08	1715920.87	390588.17	39°34'4.8653"N	80°30'27.7605"W	2495.86	86.099	8.57	-1.72	-15.89
7633.00	32.200	52.360	6929.81	-776.93	193.18	2534.08	1715964.86	390611.53	39°34'5.1011"N	80°30'27.2020"W	2541.43	85.641	10.75	1.07	-20.45
7728.00	33.310	32.030	7009.95	-754.84	230.86	2568.06	1715998.84	390649.22	39°34'5.4773"N	80°30'26.7735"W	2578.42	84.863	11.59	1.17	-21.40
7823.00	34.190	14.220	7089.14	-717.99	278.97	2588.50	1716019.29	390697.33	39°34'5.9550"N	80°30'26.5194"W	2603.49	83.849	10.43	0.93	-18.75
7918.00	39.240	10.610	7165.27	-671.20	334.42	2600.60	1716031.38	390752.77	39°34'6.5043"N	80°30'26.3729"W	2622.01	82.672	5.78	5.32	-3.90
8013.00	45.540	6.940	7235.41	-616.25	397.68	2610.24	1716041.02	390816.03	39°34'7.1306"N	80°30'26.2588"W	2640.36	81.337	7.12	6.63	-3.86
8108.00	52.010	3.160	7298.00	-552.71	468.81	2616.41	1716047.19	390887.15	39°34'8.6031"N	80°30'26.1903"W	2658.08	79.842	7.44	6.81	-3.96
8203.00	58.270	355.670	7352.33	-480.27	546.62	2615.42	1716046.20	390964.96	39°34'8.6031"N	80°30'26.2140"W	2671.93	78.195	9.23	6.59	-7.88
8298.00	65.500	348.040	7397.12	-399.07	629.40	2603.38	1716034.16	391047.73	39°34'9.4198"N	80°30'26.3796"W	2678.38	76.409	10.39	7.61	-6.03
8393.00	72.810	341.670	7430.93	-311.05	714.95	2580.10	1716010.89	391133.28	39°34'10.2627"N	80°30'26.6891"W	2677.33	74.512	9.92	7.69	-6.71
8488.00	78.600	334.560	7454.40	-219.10	800.25	2545.76	1715976.54	391218.57	39°34'11.1019"N	80°30'27.1398"W	2668.57	72.550	9.47	6.09	-7.48
8583.00	88.030	331.130	7465.45	-125.23	884.08	2502.73	1715933.51	391302.40	39°34'11.9256"N	80°30'27.7013"W	2654.29	70.544	10.55	9.93	-3.61
8678.00	90.580	330.230	7466.60	-30.98	966.90	2456.21	1715887.00	391385.21	39°34'12.7389"N	80°30'28.3071"W	2639.67	68.513	2.85	2.68	-0.95
8773.00	90.340	328.290	7465.84	62.95	1048.55	2407.66	1715838.45	391466.85	39°34'13.5404"N	80°30'28.9387"W	2626.08	66.467	2.06	-0.25	-2.04
8867.00	92.160	328.900	7463.79	155.70	1128.75	2358.69	1715789.49	391547.05	39°34'14.3276"N	80°30'29.5755"W	2614.86	64.427	2.04	1.94	0.65

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Actual Wellpath Report

BIG 464 113H AWP Proj: 25750'
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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 464 113H (L-004012)
Field	Wetzel	API	47-103-03437
Facility	Big 464 Pad	Wellbore	BIG 464 113H AWP
Slot	Slot #113		

WELLPATH DATA (297 stations)

ID [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]
6962.00	91.970	325.300	7460.37	248.96	1208.45	2307.13	1715737.93	391626.75	39°34'15.1095"N	80°30'30.2453"W	2604.46	62.355	3.79	-0.20	-3.79
9057.00	91.200	324.130	7457.74	341.44	1285.97	2252.28	1715683.08	391704.26	39°34'15.8695"N	80°30'30.9568"W	2593.54	60.275	1.47	-0.81	-1.23
9152.00	91.290	328.740	7455.67	434.52	1365.09	2199.78	1715630.59	391783.37	39°34'16.6455"N	80°30'31.6385"W	2588.92	58.178	4.85	0.09	4.85
9248.00	92.920	326.710	7452.15	528.95	1446.19	2148.56	1715528.57	391864.48	39°34'17.4414"N	80°30'32.3042"W	2589.94	56.056	2.71	1.70	-2.11
9343.00	92.030	328.570	7448.05	622.36	1526.36	2097.76	1715478.89	391944.64	39°34'18.2280"N	80°30'32.9643"W	2594.30	53.960	2.17	-0.94	1.96
9437.00	92.060	327.560	7444.69	714.93	1606.08	2048.07	1715426.62	392024.35	39°34'19.0104"N	80°30'33.6103"W	2602.71	51.897	1.07	0.03	-1.07
9533.00	92.310	326.410	7441.03	809.15	1686.52	1995.80	1715275.79	392104.79	39°34'19.7995"N	80°30'34.2892"W	2612.96	49.801	1.23	0.26	-1.20
9628.00	93.420	329.360	7436.28	902.59	1766.87	1945.37	1715327.08	392185.14	39°34'20.5880"N	80°30'34.9448"W	2627.98	47.753	3.31	1.17	3.11
9723.00	92.920	328.280	7431.03	996.27	1848.02	1896.26	1715275.79	392266.28	39°34'21.3845"N	80°30'35.5835"W	2647.83	45.738	1.25	-0.53	-1.14
9818.00	92.770	326.260	7426.31	1089.53	1927.84	1844.96	1715223.25	392346.09	39°34'22.1676"N	80°30'36.2500"W	2668.42	43.742	2.13	0.83	-2.13
9913.00	92.030	326.520	7422.33	1182.56	2006.89	1792.42	1715170.58	392425.13	39°34'22.9430"N	80°30'36.9322"W	2690.79	41.769	0.83	-0.76	0.27
10008.00	89.320	326.110	7421.21	1275.63	2085.92	1739.74	1715119.43	392504.17	39°34'23.7182"N	80°30'37.6163"W	2716.20	39.829	2.89	-2.85	-0.43
10103.00	90.550	328.730	7421.32	1369.05	2165.96	1688.59	1715069.97	392584.20	39°34'24.5035"N	80°30'38.2809"W	2746.41	37.940	3.05	1.29	2.76
10198.00	88.310	328.510	7422.27	1462.82	2247.06	1639.13	1715021.89	392665.29	39°34'25.2995"N	80°30'38.9242"W	2781.37	36.109	2.37	-2.36	-0.23
10293.00	90.770	330.670	7423.03	1556.82	2328.98	1591.05	1714974.59	392747.21	39°34'26.1037"N	80°30'39.5499"W	2820.56	34.339	3.45	2.59	2.27
10368.00	90.490	329.600	7421.99	1650.95	2411.35	1543.75	1714928.25	392829.58	39°34'26.9125"N	80°30'40.1658"W	2863.18	32.627	1.16	-0.29	-1.13
10483.00	89.910	332.000	7421.65	1745.23	2494.28	1497.40	1714881.36	392912.49	39°34'27.7268"N	80°30'40.7695"W	2909.23	30.978	2.60	-0.61	2.53
10578.00	90.120	328.830	7421.63	1839.42	2576.88	1450.51	1714837.46	392995.09	39°34'28.5379"N	80°30'41.3802"W	2957.07	29.375	3.34	0.22	-3.34
10673.00	92.830	336.060	7419.18	1933.90	2661.01	1406.61	1714793.81	393079.22	39°34'29.3645"N	80°30'41.9529"W	3009.90	27.861	8.12	2.85	7.51
10768.00	93.020	329.110	7414.33	2028.31	2745.18	1362.95	1714744.83	393163.38	39°34'30.1914"N	80°30'42.5225"W	3064.90	26.404	7.31	0.20	-7.32
10863.00	90.310	328.790	7411.57	2122.12	2826.52	1313.97	1714697.38	393244.72	39°34'30.9899"N	80°30'43.7775"W	3117.01	24.932	2.87	-2.85	-0.34
10958.00	92.370	331.240	7409.35	2216.20	2908.78	1266.51	1714650.29	393326.97	39°34'31.7975"N	80°30'44.3905"W	3172.54	23.529	3.37	2.17	2.58
11052.00	91.510	328.590	7406.16	2309.24	2990.06	1219.42	1714601.22	393408.25	39°34'32.5955"N	80°30'45.0290"W	3229.15	22.187	2.96	-0.91	-2.82
11148.00	90.650	329.910	7403.35	2404.14	3072.54	1170.35	1714555.74	393490.73	39°34'33.4052"N	80°30'45.6216"W	3287.89	20.852	1.64	-0.90	1.38
11242.00	90.860	332.210	7403.11	2497.47	3154.79	1124.87	1714508.96	393572.97	39°34'34.2130"N	80°30'46.2309"W	3349.34	19.624	2.46	0.22	2.45
11337.00	90.740	328.770	7401.79	2591.67	3237.45	1078.09	1714461.28	393655.62	39°34'35.0246"N	80°30'46.2309"W	3412.23	18.418	3.62	-0.13	-3.02
11432.00	90.280	330.970	7400.94	2685.74	3319.60	1030.41	1714414.63	393737.77	39°34'35.8312"N	80°30'46.8516"W	3475.85	17.244	2.37	-0.48	2.32
11527.00	89.380	330.200	7401.22	2779.98	3402.36	983.75	1714414.63	393820.52	39°34'36.6438"N	80°30'47.4594"W	3541.72	16.127	1.25	-0.95	-0.81
11622.00	91.630	329.540	7400.39	2874.05	3484.51	936.07	1714366.95	393902.67	39°34'37.4504"N	80°30'48.0801"W	3608.05	15.037	2.47	2.37	-0.69
11716.00	89.050	330.070	7399.83	2967.12	3565.75	888.80	1714319.68	393983.90	39°34'38.2480"N	80°30'48.6955"W	3674.85	13.996	2.80	-2.74	0.55

Actual Wellpath Report

BIG 464 113H AWP Proj: 25750'
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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 464 113H (L-004012)
Field	Weitzel	API	47-103-03437
Facility	Big 464 Pad	Wellbore	BIG 464 113H AWB
Slot	Slot #113		

WELLPATH DATA (297 stations)

Mid [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]
11811.00	90.310	329.430	7400.36	3061.17	3647.81	840.94	1714271.83	394065.96	39°34'39.0536"N	80°30'49.3184"W	3743.49	12.982	1.49	1.33	-0.97
11906.00	87.690	329.670	7402.02	3155.15	3729.69	792.81	1714223.70	394147.83	39°34'39.8574"N	80°30'49.9449"W	3813.02	12.001	2.77	-2.76	0.25
12001.00	89.630	332.740	7404.24	3249.48	3812.90	747.07	1714177.96	394231.04	39°34'40.6747"N	80°30'50.5410"W	3885.40	11.086	3.82	2.04	3.23
12096.00	91.290	330.550	7403.48	3343.91	3896.49	701.96	1714132.85	394314.63	39°34'41.4958"N	80°30'51.1291"W	3959.22	10.212	2.89	1.75	-2.31
12191.00	91.320	328.870	7401.31	3437.93	3978.50	654.06	1714084.96	394396.63	39°34'42.3009"N	80°30'51.7527"W	4031.91	9.336	1.77	0.03	-1.77
12286.00	89.050	327.770	7401.01	3531.61	4059.34	604.17	1714035.07	394477.46	39°34'43.0942"N	80°30'52.4014"W	4104.05	8.465	2.66	-2.39	-1.13
12381.00	90.180	328.300	7401.64	3625.22	4139.93	553.88	1713984.78	394558.05	39°34'43.8850"N	80°30'53.0553"W	4176.82	7.620	1.31	1.19	0.56
12476.00	88.120	327.990	7403.05	3718.85	4220.61	503.75	1713934.66	394638.72	39°34'44.6768"N	80°30'53.7071"W	4250.56	6.806	2.19	-2.17	-0.33
12571.00	91.450	328.810	7403.41	3812.54	4301.51	453.98	1713884.89	394719.62	39°34'45.4707"N	80°30'54.3543"W	4325.40	6.025	3.61	3.51	0.86
12665.00	89.660	326.320	7402.50	3905.02	4380.83	403.57	1713834.48	394798.94	39°34'46.2490"N	80°30'55.0095"W	4399.38	5.263	3.26	-1.90	-2.65
12760.00	90.180	328.410	7402.63	3998.43	4460.83	352.34	1713783.26	394878.93	39°34'47.0338"N	80°30'55.6753"W	4474.72	4.516	2.27	0.55	2.20
12855.00	89.850	329.300	7402.61	4092.27	4542.14	303.21	1713734.13	394960.23	39°34'47.8319"N	80°30'56.3145"W	4552.24	3.819	1.00	-0.35	0.94
12949.00	88.920	327.300	7403.62	4184.95	4622.10	253.82	1713684.74	395040.19	39°34'48.6166"N	80°30'56.9568"W	4629.07	3.143	2.35	-0.99	-2.13
13044.00	89.570	330.410	7404.87	4278.77	4703.39	204.69	1713635.62	395121.48	39°34'49.4145"N	80°30'57.5958"W	4707.84	2.492	3.34	0.68	3.27
13139.00	89.540	327.470	7405.61	4372.61	4784.76	155.69	1713586.62	395202.84	39°34'50.2131"N	80°30'58.2335"W	4787.29	1.864	3.09	-0.03	-3.06
13235.00	89.940	329.500	7406.04	4467.33	4866.60	105.51	1713536.44	395284.67	39°34'51.0163"N	80°30'58.8861"W	4867.74	1.242	2.16	0.42	2.11
13330.00	88.310	329.190	7407.49	4561.27	4948.31	57.08	1713488.01	395366.38	39°34'51.8184"N	80°30'59.5164"W	4948.64	0.661	1.75	-1.72	-0.33
13424.00	90.490	328.130	7408.48	4654.06	5028.58	8.19	1713439.13	395446.65	39°34'52.6062"N	80°31'0.1523"W	5028.59	0.093	2.58	2.32	-1.13
13519.00	87.480	328.580	7410.16	4747.73	5109.43	-41.64	1713389.31	395527.49	39°34'53.3997"N	80°31'0.8003"W	5109.60	359.533	3.20	-3.17	0.47
13614.00	90.830	328.440	7411.56	4841.45	5190.42	-91.25	1713339.70	395608.48	39°34'54.1945"N	80°31'1.4456"W	5191.23	358.993	3.53	3.53	-0.15
13709.00	88.280	327.990	7412.30	4935.10	5271.17	-141.28	1713289.67	395689.22	39°34'54.9869"N	80°31'2.0963"W	5273.06	358.465	2.73	-2.68	-0.47
13804.00	90.740	327.660	7413.11	5028.65	5351.57	-191.86	1713239.09	395769.61	39°34'55.7758"N	80°31'2.7539"W	5355.01	357.947	2.61	2.59	-0.35
13899.00	88.310	329.570	7413.90	5122.40	5432.66	-241.33	1713189.63	395850.70	39°34'56.5716"N	80°31'3.3973"W	5438.01	357.456	3.25	-2.56	2.01
13994.00	90.220	327.740	7415.12	5216.17	5513.78	-290.74	1713140.22	395931.81	39°34'57.3678"N	80°31'4.0401"W	5521.44	356.982	2.78	2.01	-1.93
14089.00	87.380	328.750	7417.11	5309.81	5594.53	-340.72	1713090.24	396012.56	39°34'58.1602"N	80°31'4.6901"W	5604.89	356.515	3.17	-2.99	1.06
14184.00	90.400	329.030	7418.95	5403.62	5675.84	-389.79	1713041.17	396093.87	39°34'58.9583"N	80°31'5.3265"W	5689.21	356.071	3.19	3.18	0.29
14279.00	86.490	327.990	7421.52	5497.31	5756.80	-439.38	1712991.58	396174.82	39°34'59.7529"N	80°31'5.9736"W	5773.55	355.635	4.26	-4.12	-1.09
14374.00	91.170	329.260	7423.46	5591.04	5837.87	-488.82	1712942.15	396255.89	39°35'0.5485"N	80°31'6.6167"W	5858.30	355.214	5.10	4.93	1.34
14469.00	87.040	324.250	7424.95	5684.20	5917.27	-540.86	1712890.11	396335.28	39°35'1.3273"N	80°31'7.2929"W	5941.94	354.777	6.83	-4.35	-5.27
14564.00	87.290	328.910	7429.65	5777.24	5996.45	-593.11	1712837.87	396414.45	39°35'2.1039"N	80°31'7.9716"W	6025.71	354.351	4.91	0.26	4.91

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Actual Wellpath Report

BIG 464 113H AWP Proj: 25750'

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 464 113H (L-004012)
Field	Wetzol	API	47-103-03437
Facility	Big 464 Pad	Wellbore	BIG 464 113H AWB
Slot	Slot #113		

WELLPATH DATA (297 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]
14659.00	92.680	328.540	7429.67	5871.00	6077.61	-642.41	1712788.57	396495.61	39°35'2.9005"N	80°31'8.6130"W	6111.47	353.966	5.69	5.67	-0.39
14754.00	89.320	326.130	7428.02	5964.37	6157.56	-693.66	1712737.32	396575.55	39°35'3.6848"N	80°31'9.2792"W	6196.50	353.573	4.35	-3.54	-2.54
14849.00	90.550	328.610	7428.12	6057.78	6237.55	-744.88	1712686.10	396655.55	39°35'4.4697"N	80°31'9.9449"W	6281.87	353.190	2.91	1.29	2.61
14944.00	88.200	327.450	7428.66	6151.39	6318.14	-795.18	1712635.81	396736.13	39°35'5.2604"N	80°31'10.5989"W	6367.98	352.827	2.21	-1.84	-1.22
15134.00	88.680	328.360	7432.84	6338.49	6479.06	-896.11	1712534.89	396897.04	39°35'6.8394"N	80°31'11.9113"W	6540.74	352.125	0.48	-0.06	0.48
15229.00	88.030	327.850	7435.57	6432.08	6559.68	-946.28	1712484.72	396977.66	39°35'7.6305"N	80°31'12.5637"W	6627.59	351.791	0.87	-0.68	-0.54
15324.00	88.000	330.910	7438.86	6525.98	6641.38	-994.63	1712436.37	397059.35	39°35'8.4325"N	80°31'13.1931"W	6715.45	351.483	3.22	-0.03	3.22
15419.00	87.320	328.860	7442.74	6619.98	6723.48	-1042.26	1712388.75	397141.44	39°35'9.2385"N	80°31'13.8133"W	6803.79	351.188	2.27	-0.72	-2.16
15515.00	88.460	331.020	7446.27	6715.00	6806.51	-1090.31	1712340.70	397224.46	39°35'10.0536"N	80°31'14.4390"W	6893.28	350.899	2.54	1.19	2.25
15610.00	87.910	331.200	7449.28	6809.30	6889.64	-1136.18	1712294.83	397307.59	39°35'10.8701"N	80°31'15.0369"W	6982.70	350.636	0.61	-0.58	0.19
15705.00	89.910	329.840	7451.09	6903.50	6972.32	-1182.92	1712248.09	397390.27	39°35'11.6819"N	80°31'15.6459"W	7071.96	350.371	2.55	2.11	-1.43
15801.00	88.650	330.720	7452.30	6998.66	7055.68	-1230.51	1712200.51	397473.63	39°35'12.5004"N	80°31'16.2658"W	7162.18	350.107	1.60	-1.31	0.92
15896.00	88.650	330.860	7454.53	7092.91	7138.58	-1276.86	1712154.16	397556.52	39°35'13.3144"N	80°31'16.8698"W	7251.88	349.859	0.15	0.00	0.15
15991.00	87.910	328.830	7457.39	7186.94	7220.68	-1324.55	1712106.47	397638.61	39°35'14.1204"N	80°31'17.4909"W	7341.17	349.605	2.27	-0.78	-2.14
16086.00	88.400	329.780	7460.44	7280.84	7302.33	-1373.02	1712058.00	397720.26	39°35'14.9219"N	80°31'18.1218"W	7430.29	349.351	1.12	0.52	1.00
16181.00	90.180	332.560	7461.62	7375.17	7385.54	-1418.82	1712012.20	397803.46	39°35'15.7390"N	80°31'18.7188"W	7520.59	349.125	3.47	1.87	2.93
16276.00	91.020	329.310	7460.63	7469.47	7468.56	-1464.96	1711966.06	397886.47	39°35'16.5543"N	80°31'19.3202"W	7610.88	348.902	3.53	0.88	-3.42
16371.00	90.460	332.340	7459.40	7563.74	7551.49	-1511.26	1711919.77	397969.40	39°35'17.3687"N	80°31'19.9236"W	7701.23	348.683	3.24	-0.59	3.19
16466.00	89.540	328.650	7459.40	7657.94	7634.15	-1558.04	1711872.99	398052.06	39°35'18.1803"N	80°31'20.5331"W	7791.52	348.465	4.00	-0.97	-3.98
16561.00	87.140	329.890	7462.15	7751.83	7715.77	-1606.56	1711824.47	398133.67	39°35'18.9815"N	80°31'21.1647"W	7881.25	348.238	2.84	-2.53	1.31
16655.00	90.770	333.550	7463.87	7845.25	7798.51	-1651.08	1711779.96	398216.41	39°35'19.7942"N	80°31'21.7452"W	7971.38	348.046	5.48	3.86	3.89
16750.00	87.940	328.240	7464.94	7939.50	7881.47	-1697.26	1711733.78	398299.36	39°35'20.6088"N	80°31'22.3471"W	8062.15	347.847	6.33	-2.98	-5.59
16845.00	90.370	329.570	7466.34	8033.33	7962.81	-1746.31	1711684.73	398380.69	39°35'21.4071"N	80°31'22.9855"W	8152.05	347.630	2.92	2.56	1.40
16940.00	87.880	328.580	7467.79	8127.20	8044.28	-1795.12	1711635.93	398462.17	39°35'22.2068"N	80°31'23.6208"W	8242.15	347.420	2.82	-2.62	-1.04
17035.00	90.920	327.730	7468.78	8220.83	8124.97	-1845.24	1711585.81	398542.85	39°35'22.9985"N	80°31'24.2726"W	8331.87	347.205	3.32	3.20	-0.89
17130.00	88.310	327.120	7469.42	8314.25	8205.02	-1896.38	1711534.67	398622.89	39°35'23.7839"N	80°31'24.9375"W	8421.31	346.986	2.82	-2.75	-0.64
17225.00	90.860	328.600	7470.11	8407.80	8285.45	-1946.91	1711484.14	398703.31	39°35'24.5730"N	80°31'25.5946"W	8511.12	346.777	3.10	2.68	1.56
17320.00	86.090	326.550	7472.64	8501.22	8365.58	-1997.82	1711433.25	398783.44	39°35'25.3592"N	80°31'26.2564"W	8600.83	346.569	5.46	-5.02	-2.16
17415.00	90.250	328.580	7475.67	8594.62	8445.70	-2048.73	1711382.34	398863.56	39°35'26.1453"N	80°31'26.9183"W	8690.63	346.365	4.87	4.38	2.14
17509.00	88.030	328.150	7477.08	8687.32	8525.72	-2098.02	1711333.05	398943.57	39°35'26.9305"N	80°31'27.5596"W	8780.06	346.175	2.41	-2.36	-0.46

Actual Wellpath Report

BIG 464 113H AWP Proj: 25750'
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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 464 113H (L-004012)
Field	Wetzel	API	47-103-03437
Facility	Big 464 Pad	Wellbore	BIG 464 113H AWB
Slot	Slot #113		

WELLPATH DATA (297 stations)

ID	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]
17604.00	88.680	328.610	7479.81	8780.99	8606.58	-2147.81	1711283.26	399024.43	39°35'27.7240"N	80°31'28.2073"W	8870.53	345.988	0.84	0.68	0.78
17699.00	88.250	329.810	7482.35	8874.88	8688.16	-2196.42	1711234.66	399106.00	39°35'28.5247"N	80°31'28.8400"W	8961.49	345.813	1.34	-0.45	1.23
17794.00	88.220	328.020	7485.28	8968.68	8769.47	-2245.44	1711185.63	399187.31	39°35'29.3228"N	80°31'29.4781"W	9052.39	345.638	1.88	-0.03	-1.88
17889.00	91.350	329.670	7485.64	9062.50	8850.76	-2294.58	1711136.50	399268.59	39°35'30.1206"N	80°31'30.1176"W	9143.36	345.466	3.72	3.29	1.74
17985.00	89.140	325.930	7485.22	9157.00	8931.97	-2345.73	1711085.36	399349.80	39°35'30.9174"N	80°31'30.7826"W	9234.86	345.285	4.52	-2.30	-3.90
18079.00	88.060	329.080	7487.52	9249.44	9011.22	-2396.20	1711034.88	399429.04	39°35'31.6949"N	80°31'31.4389"W	9324.37	345.109	3.54	-1.15	3.55
18174.00	90.950	327.900	7488.34	9343.16	9092.20	-2445.85	1710985.24	399510.02	39°35'32.4896"N	80°31'32.0848"W	9415.43	344.944	3.29	3.04	-1.27
18269.00	90.490	328.690	7487.15	9436.84	9173.02	-2495.77	1710935.32	399590.83	39°35'33.2826"N	80°31'32.7343"W	9506.48	344.780	0.96	-0.48	0.33
18365.00	90.060	326.970	7486.69	9531.37	9254.27	-2546.88	1710884.21	399672.08	39°35'34.0799"N	80°31'33.3990"W	9598.34	344.612	1.85	-0.45	-1.79
18459.00	90.060	323.790	7486.59	9623.14	9331.62	-2600.28	1710830.82	399749.42	39°35'34.8382"N	80°31'34.0923"W	9687.13	344.429	3.28	0.00	-3.38
18554.00	89.450	327.780	7487.00	9716.03	9410.16	-2653.69	1710777.42	399827.96	39°35'35.6084"N	80°31'34.7859"W	9777.18	344.251	4.25	-0.64	4.20
18649.00	92.450	329.650	7485.41	9809.80	9491.32	-2703.00	1710728.10	399909.12	39°35'36.4049"N	80°31'35.4277"W	9868.71	344.104	3.73	3.17	1.97
18743.00	88.890	326.650	7484.30	9902.43	9571.14	-2752.59	1710678.52	399988.93	39°35'37.1881"N	80°31'36.0727"W	9959.09	343.955	4.96	-3.80	-3.19
18838.00	90.060	329.650	7485.18	9996.05	9651.82	-2802.71	1710628.40	400069.61	39°35'37.9798"N	80°31'36.7247"W	10050.52	343.808	3.39	1.23	3.16
18933.00	89.570	331.280	7485.48	10090.26	9734.48	-2849.54	1710581.57	400152.25	39°35'38.7913"N	80°31'37.3349"W	10142.97	343.684	1.79	-0.52	1.72
19028.00	89.570	330.880	7486.24	10184.60	9817.63	-2895.48	1710535.63	400235.40	39°35'39.6079"N	80°31'37.9339"W	10235.70	343.568	0.43	-0.06	-0.42
19123.00	89.460	330.910	7486.27	10278.90	9900.63	-2941.69	1710489.43	400318.40	39°35'40.4229"N	80°31'38.5362"W	10328.41	343.452	1.00	1.00	0.03
19218.00	90.310	328.930	7485.63	10372.99	9982.83	-2989.30	1710441.82	400400.59	39°35'41.2299"N	80°31'39.1564"W	10420.79	343.330	2.09	-0.16	-2.08
19313.00	90.710	328.650	7484.79	10466.80	10064.08	-3038.53	1710392.60	400481.84	39°35'42.0273"N	80°31'39.7970"W	10512.77	343.200	0.51	0.42	-0.28
19407.00	89.750	329.960	7484.41	10559.76	10144.90	-3086.51	1710344.62	400562.66	39°35'42.8206"N	80°31'40.4217"W	10604.04	343.078	1.73	-1.02	1.33
19502.00	89.970	327.220	7484.64	10653.51	10225.97	-3136.01	1710295.12	400643.72	39°35'43.6162"N	80°31'41.0659"W	10696.03	342.951	2.89	0.23	-2.88
19597.00	89.970	331.030	7484.69	10741.40	10307.50	-3184.76	1710246.38	400725.24	39°35'44.4163"N	80°31'41.7005"W	10788.29	342.830	4.01	0.00	4.01
19692.00	91.290	328.000	7483.65	10841.38	10389.35	-3232.94	1710198.20	400807.09	39°35'45.2198"N	80°31'42.3279"W	10880.74	342.715	3.48	1.39	-3.19
19787.00	89.950	329.260	7483.45	10935.15	10470.46	-3282.38	1710148.76	400888.20	39°35'46.0158"N	80°31'42.9712"W	10972.90	342.594	2.81	-2.46	1.35
19882.00	89.940	327.360	7484.37	11028.83	10551.30	-3332.26	1710098.88	400969.03	39°35'46.8090"N	80°31'43.6203"W	11064.98	342.473	2.27	1.04	-2.02
20072.00	89.630	330.570	7484.72	11122.68	10632.69	-3381.23	1710049.91	401050.41	39°35'47.6078"N	80°31'44.2577"W	11157.36	342.359	3.39	-0.33	3.38
20167.00	89.570	325.680	7485.39	11216.29	10713.34	-3431.38	1709999.77	401131.05	39°35'48.3991"N	80°31'44.9101"W	11249.44	342.240	5.15	-0.06	-5.15
20262.00	89.480	324.830	7486.17	11309.00	10791.39	-3485.52	1709945.63	401209.11	39°35'49.1644"N	80°31'45.6131"W	11340.33	342.100	0.90	-0.06	-0.89
20356.00	89.630	324.770	7486.91	11401.55	10869.02	-3540.28	1709890.87	401286.73	39°35'49.9254"N	80°31'46.3240"W	11431.06	341.958	0.17	0.16	-0.06
20450.00	89.820	326.080	7487.36	11493.35	10946.42	-3593.62	1709837.53	401364.12	39°35'50.6842"N	80°31'47.0167"W	11521.20	341.825	1.41	0.20	1.39

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 464 113H (L-004012)
Field	Wetzel	API	47-103-03437
Facility	Big 464 Pad	Wellbore	BIG 464 113H AWB
Slot	Slot #113		

WELLPATH DATA (297 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]
20451.00	90.000	326.400	7487.51	11586.41	11025.40	-3646.42	1709784.74	401443.10	39°35'51.4587"N	80°31'47.7026"W	11612.74	341.699	0.39	0.19	0.34
20545.00	89.200	329.890	7488.17	11679.05	11105.22	-3696.02	1709735.15	401522.92	39°35'52.2420"N	80°31'48.3479"W	11704.12	341.592	3.81	-0.85	3.71
20640.00	89.630	330.990	7489.14	11773.25	11187.85	-3742.88	1709688.28	401605.54	39°35'53.0533"N	80°31'48.9586"W	11797.34	341.502	1.24	0.45	1.16
20736.00	89.630	333.280	7489.76	11868.76	11272.71	-3787.75	1709643.42	401690.40	39°35'53.8869"N	80°31'49.5442"W	11892.06	341.427	2.39	0.00	2.39
20831.00	89.690	332.160	7490.32	11963.38	11357.14	-3831.29	1709599.88	401774.82	39°35'54.7163"N	80°31'50.1127"W	11985.97	341.358	1.18	0.06	-1.18
20926.00	89.750	333.540	7490.79	12058.02	11441.67	-3874.64	1709556.54	401859.35	39°35'55.5468"N	80°31'50.6788"W	12079.93	341.292	1.45	0.06	1.45
21021.00	90.250	333.140	7490.79	12152.72	11526.57	-3917.26	1709513.91	401944.24	39°35'56.3810"N	80°31'51.2358"W	12174.02	341.230	0.67	0.53	-0.42
21117.00	91.420	329.070	7489.39	12248.03	11610.59	-3963.64	1709467.55	402028.26	39°35'57.2060"N	80°31'51.8405"W	12268.51	341.151	4.41	1.22	-4.24
21212.00	90.920	329.240	7487.45	12341.92	11692.14	-4012.33	1709418.85	402109.80	39°35'58.0064"N	80°31'52.4745"W	12361.43	341.060	0.56	-0.53	0.18
21306.00	90.800	328.320	7486.04	12434.74	11772.52	-4061.05	1709370.14	402190.17	39°35'58.7952"N	80°31'53.1086"W	12453.28	340.968	0.99	-0.13	-0.98
21497.00	90.000	327.350	7484.70	12622.82	11934.19	-4162.73	1709268.47	402351.84	39°36'0.3814"N	80°31'54.4312"W	12639.35	340.771	0.66	-0.42	-0.51
21592.00	90.030	329.530	7484.68	12716.54	12015.14	-4212.44	1709218.75	402432.78	39°36'1.1757"N	80°31'55.0782"W	12732.17	340.680	2.29	0.03	2.29
21686.00	89.880	328.060	7484.75	12809.37	12095.54	-4261.15	1709170.05	402513.17	39°36'1.9647"N	80°31'55.7121"W	12824.17	340.593	1.57	-0.16	-1.50
21780.00	90.000	328.170	7484.85	12902.02	12175.35	-4310.80	1709120.40	402592.98	39°36'2.7479"N	80°31'56.3581"W	12915.97	340.503	0.17	0.13	0.12
21875.00	88.770	326.970	7485.87	12995.49	12255.53	-4361.74	1709069.47	402673.16	39°36'3.5344"N	80°31'57.0206"W	13008.57	340.409	1.81	-1.29	-1.26
21970.00	91.170	328.760	7485.92	13089.04	12335.97	-4412.26	1709018.94	402753.59	39°36'4.3236"N	80°31'57.6778"W	13101.30	340.319	3.15	2.53	1.88
22065.00	90.460	329.270	7484.57	13182.91	12417.40	-4461.17	1708970.04	402835.02	39°36'5.1229"N	80°31'58.3145"W	13194.46	340.238	0.92	-0.75	0.54
22161.00	89.600	328.770	7484.52	13277.77	12499.71	-4510.58	1708920.63	402917.32	39°36'5.9306"N	80°31'58.9578"W	13288.64	340.158	1.04	-0.90	-0.52
22256.00	89.290	327.620	7485.44	13371.42	12580.44	-4560.64	1708870.57	402998.04	39°36'6.7227"N	80°31'59.6092"W	13381.59	340.073	1.25	-0.33	-1.21
22351.00	89.660	326.800	7486.31	13464.79	12660.29	-4612.09	1708819.13	403077.90	39°36'7.5061"N	80°32'0.2782"W	13474.21	339.984	0.95	0.39	-0.86
22446.00	90.180	330.860	7486.44	13558.59	12741.56	-4661.25	1708769.97	403159.16	39°36'8.3036"N	80°32'0.9181"W	13567.41	339.906	4.31	0.55	4.27
22541.00	90.430	328.130	7485.94	13652.58	12823.40	-4709.47	1708721.76	403240.99	39°36'9.1070"N	80°32'1.7500"W	13660.85	339.834	2.89	0.26	-2.87
22636.00	91.200	330.750	7484.56	13746.54	12905.19	-4757.76	1708673.47	403322.78	39°36'9.9097"N	80°32'2.7840"W	13754.28	339.763	2.88	0.84	2.76
22732.00	90.800	331.020	7482.86	13841.82	12989.05	-4804.46	1708626.77	403406.63	39°36'10.7331"N	80°32'2.7840"W	13849.12	339.701	0.53	-0.45	0.28
22826.00	90.830	330.260	7481.52	13935.07	13070.97	-4850.55	1708580.69	403488.54	39°36'11.5374"N	80°32'3.3847"W	13941.95	339.640	0.81	0.03	-0.81
22921.00	90.950	331.400	7480.05	14029.34	13153.91	-4896.84	1708534.39	403571.48	39°36'12.3518"N	80°32'3.9884"W	14035.82	339.581	1.21	0.13	1.20
23016.00	90.310	330.250	7479.00	14123.62	13236.85	-4943.15	1708488.09	403654.41	39°36'13.1662"N	80°32'4.5921"W	14129.71	339.522	1.39	-0.67	-1.21
23111.00	91.350	330.460	7477.63	14217.80	13319.40	-4990.13	1708441.11	403736.96	39°36'13.9767"N	80°32'5.2045"W	14223.50	339.461	1.32	1.09	0.22
23206.00	89.320	330.310	7477.07	14311.99	13401.99	-5037.08	1708394.17	403819.54	39°36'14.7875"N	80°32'5.8163"W	14317.31	339.401	2.14	-2.14	-0.16
23301.00	90.980	329.190	7476.82	14406.04	13484.05	-5084.93	1708346.32	403901.60	39°36'15.5931"N	80°32'6.4398"W	14410.97	339.338	2.11	1.75	-1.13

Actual Wellpath Report

BIG 464 113H AWP Proj: 25750'

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 464 113H (L-004012)
Field	Wetzel	API	47-103-03437
Facility	Big 464 Pad	Wellbore	BIG 464 113H AWB
Slot	Slot #113		

WELLPATH DATA (297 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]
23396.00	90.650	329.780	7475.47	14500.03	13565.88	-5133.16	1708298.09	403983.43	39°36'16.3963"N	80°32'7.0680"W	14504.57	339.274	0.71	-0.35	0.62
23492.00	90.860	330.550	7474.21	14595.16	13649.15	-5180.92	1708250.33	404066.69	39°36'17.2137"N	80°32'7.6903"W	14599.35	339.214	0.83	-0.22	0.30
23587.00	90.680	329.820	7472.93	14689.30	13731.56	-5228.15	1708203.11	404149.10	39°36'18.0229"N	80°32'8.3058"W	14693.18	339.156	0.79	-0.19	-0.77
23682.00	90.830	329.790	7471.68	14783.36	13813.67	-5275.93	1708155.34	404231.20	39°36'18.8288"N	80°32'8.9283"W	14786.91	339.096	0.16	0.16	-0.03
23777.00	89.820	330.450	7471.14	14877.50	13896.04	-5323.25	1708108.01	404313.56	39°36'19.6374"N	80°32'9.5450"W	14880.75	339.039	1.27	-1.06	0.69
23872.00	90.030	330.110	7471.26	14971.67	13978.54	-5370.35	1708060.92	404396.06	39°36'20.4474"N	80°32'10.1588"W	14974.65	338.984	0.42	0.22	-0.36
23967.00	90.220	329.900	7471.06	15066.78	14060.82	-5417.84	1708013.43	404478.33	39°36'21.2551"N	80°32'10.7777"W	15068.50	338.928	0.30	0.20	-0.22
24062.00	90.460	328.780	7470.49	15159.74	14142.53	-5466.28	1707964.99	404560.04	39°36'22.0571"N	80°32'11.4086"W	15162.17	338.868	1.21	0.25	-1.18
24158.00	90.580	329.560	7469.62	15254.63	14224.96	-5515.48	1707915.79	404642.47	39°36'22.8661"N	80°32'12.0493"W	15256.81	338.807	0.82	0.13	0.31
24253.00	89.820	329.840	7469.29	15348.68	14306.99	-5563.41	1707867.87	404724.49	39°36'23.6712"N	80°32'12.6737"W	15350.61	338.751	0.85	-0.80	0.29
24348.00	89.720	329.220	7469.67	15442.68	14388.86	-5611.58	1707819.70	404806.36	39°36'24.4749"N	80°32'13.3012"W	15444.39	338.694	0.66	-0.11	-0.65
24443.00	90.250	329.080	7469.70	15536.59	14470.42	-5660.30	1707770.99	404887.91	39°36'25.2754"N	80°32'13.9356"W	15538.09	338.636	0.58	0.56	-0.15
24538.00	91.020	330.030	7468.64	15630.59	14552.32	-5708.43	1707722.85	404969.80	39°36'26.0792"N	80°32'14.5626"W	15631.89	338.581	1.29	0.81	1.00
24634.00	89.480	328.960	7468.22	15725.56	14635.02	-5757.16	1707674.13	405052.51	39°36'26.8910"N	80°32'15.1973"W	15726.69	338.526	1.95	-1.60	-1.11
24728.00	90.000	328.930	7468.65	15818.43	14715.55	-5805.65	1707625.64	405133.03	39°36'27.6813"N	80°32'15.8287"W	15819.39	338.470	0.55	0.55	-0.03
24823.00	89.940	329.370	7468.70	15912.34	14797.11	-5854.37	1707576.93	405214.58	39°36'28.4817"N	80°32'16.4631"W	15913.14	338.414	0.47	-0.06	0.46
24918.00	90.050	329.270	7468.70	16006.29	14878.81	-5902.84	1707528.46	405296.28	39°36'29.2836"N	80°32'17.0944"W	16006.95	338.360	0.16	0.13	-0.11
25013.00	83.550	329.230	7469.85	16100.22	14960.45	-5951.41	1707479.90	405377.91	39°36'30.0848"N	80°32'17.7270"W	16100.75	338.307	1.59	-1.59	-0.04
25108.00	90.000	329.260	7471.00	16194.14	15042.08	-5999.98	1707431.32	405459.53	39°36'30.8860"N	80°32'18.3596"W	16194.56	338.254	1.59	1.59	0.03
25203.00	89.850	328.970	7471.08	16288.04	15123.61	-6048.75	1707382.56	405541.06	39°36'31.6861"N	80°32'18.9947"W	16288.36	338.201	0.38	-0.22	-0.31
25298.00	90.370	326.060	7470.90	16381.49	15203.73	-6099.76	1707331.55	405621.18	39°36'32.4721"N	80°32'19.6583"W	16381.72	338.139	3.11	0.55	-3.06
25393.00	89.750	326.000	7470.80	16474.48	15282.52	-6152.84	1707278.47	405699.96	39°36'33.2447"N	80°32'20.3481"W	16474.61	338.070	0.66	-0.65	-0.06
25488.00	90.340	326.270	7470.72	16567.51	15361.40	-6205.78	1707225.53	405778.84	39°36'34.0182"N	80°32'21.0361"W	16567.57	338.002	0.68	0.62	0.28
25583.00	89.450	328.280	7470.90	16660.89	15441.32	-6257.14	1707174.18	405858.75	39°36'34.8021"N	80°32'21.7040"W	16660.91	337.941	2.31	-0.94	2.12
25678.00	89.850	329.110	7471.48	16754.68	15522.49	-6306.50	1707124.83	405939.91	39°36'35.5986"N	80°32'22.3466"W	16754.68	337.889	0.97	0.42	0.37
25725.00	89.940	328.040	7471.56	16801.06	15562.59	-6331.00	1707100.32	405980.02	39°36'35.9921"N	80°32'22.6656"W	16801.07	337.863	2.28	0.19	-2.28
25750.00†	89.940	328.040	7471.59	16825.70	15583.80	-6344.23	1707087.09	406001.23	39°36'36.2002"N	80°32'22.8378"W	16825.70	337.849	0.00	0.00	0.00

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Actual Wellpath Report

BIG 464 113H AWP Proj: 25750'
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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	BIG 464 113H (L-004012)
Field	Wetzel	API	47-103-03437
Facility	Big 464 Pad	Wellbore	BIG 464 113H AWB
Slot	Slot #113		

HOLE & CASING SECTIONS - Ref Wellbore: BIG 464 113H AWB Ref Wellpath: BIG 464 113H AWP Proj: 25750'

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	End N/S [ft]	Start E/W [ft]	End E/W [ft]
26in Conductor	28.00	68.00	40.00	28.00	68.00	0.00	-0.02	0.00	-0.02
17.5in Open Hole	68.00	1070.00	1002.00	68.00	1070.00	-0.02	-1.23	-0.02	-1.92
13.375in Casing Surface	28.00	1040.00	1012.00	28.00	1040.00	0.00	-1.30	0.00	-1.91
12.25in Open Hole	1070.00	2491.00	1421.00	1070.00	2487.99	-1.23	-10.89	-1.92	80.14
9.625in Casing Intermediate	28.00	2461.00	2433.00	28.00	2458.12	0.00	-10.80	0.00	77.39
8.75in Open Hole	2491.00	7407.00	4916.00	2487.99	6737.81	-10.89	159.65	80.14	2421.95
8.5in Open Hole	7407.00	25750.00	18343.00	6737.81	7471.59	159.65	15583.80	2421.95	-6344.23
5.5in Casing Production	28.00	25720.00	25692.00	28.00	7471.56	0.00	15558.35	0.00	-6328.36

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BIG 464 113H BHL Rev-2	7162.03	15583.21	-6346.65	1707084.68	406000.63	39°36'36.1941"N	80°32'22.8686"W	point
BIG 464 113H LP Rev-2	7461.00	903.73	2474.04	1715904.83	391322.05	39°34'12.1166"N	80°30'28.0704"W	point
BIG 464 HL 1 Rev-2	7750.00	14253.75	-11551.14	1701880.50	404671.25	39°36'22.4552"N	80°33'29.1613"W	polygon
BIG 464 HARDLINE 2	8000.00	12634.40	-10641.46	1702790.13	403052.01	39°36'6.5577"N	80°33'17.2969"W	polygon
BIG 464 HARDLINE 1	8000.00	16435.29	-7264.37	1706167.01	406852.66	39°36'44.5097"N	80°32'34.7199"W	polygon
BIG 464 HARDLINE 3	8000.00	15480.21	-6518.09	1706913.25	405897.64	39°36'35.1566"N	80°32'25.0436"W	rectangle
BIG 464 L&A 1	8000.00	6210.57	-6858.46	1706572.89	396628.56	39°35'3.5101"N	80°32'28.0198"W	polygon
BIG 464 L&A 2	8000.00	11556.58	-10297.33	1703134.23	401974.25	39°35'55.9460"N	80°33'12.7394"W	polygon

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TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BIG 464 L&A 4	8000.00	11321.81	-3650.66	1709780.50	401739.49	39°35'54.3875"N	80°31'47.8003"W	polygon
2D Polygon: dimensions not calculated								
BIG 464 TEMP 3	8000.00	11364.56	-8613.91	1704817.55	401782.24	39°35'54.2429"N	80°32'51.2068"W	polygon
2D Polygon: dimensions not calculated								

WELLPATH COMPOSITION - Ref Wellbore: BIG 464 113H AWB Ref Wellpath: BIG 464 113H AWP Proj: 25750'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
28.00	1005.00	Gyrodata 2015 - CT+WIR+ALC	01 <17.5"> Gyro Data-CT+WIR+ALC (115'-1005')	BIG 464 113H AWB	3/23/2022
1005.00	2412.00	OWSG MWD rev2 - Standard	02 <12.25"> SDI MWD [OWSG-Standard] (1005')(1084'-2412')	BIG 464 113H AWB	3/23/2022
2412.00	7327.00	OWSG MWD rev2 - Standard	03 <8.75"> SDI MWD [OWSG-Standard] (2412')(2502'-7327')	BIG 464 113H AWB	3/23/2022
7327.00	25750.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	04 BH AT Curve+H&P IFR1+MSA <8-1/2"> (7327')(7442'- 25725')	BIG 464 113H AWB	5/12/2022

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Actual Wellpath Report

BIG 464 113H AWP Proj: 25750'

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REFERENCE WELLPATH IDENTIFICATION

EQT PRODUCTION COMPANY	
Operator	BIG 464 113H (L-004012)
Field	47-103-03437
Facility	BIG 464 113H AWP
Slot	Slot #113

COMMENTS

Wellpath general comments

API: 47103034370000
 BH Job #: 111294601
 Rig: Patterson 294
 Duration: 05/16/2022 - 05/20/2022

01_ <17.5"> Gyro [Gyro Data-CT+WIR+ALC] (115'-1005')
 02_ <12.25"> SDI MWD [OWSG-Standard] (1005')(1084'-2412')
 03_ <8.75"> SDI MWD [OWSG-Standard] (2412')(2502'-7327')
 04_ BH AT Curve+H&P IFR1+MSA <8-1/2"> (7327')(7442'- 25725')

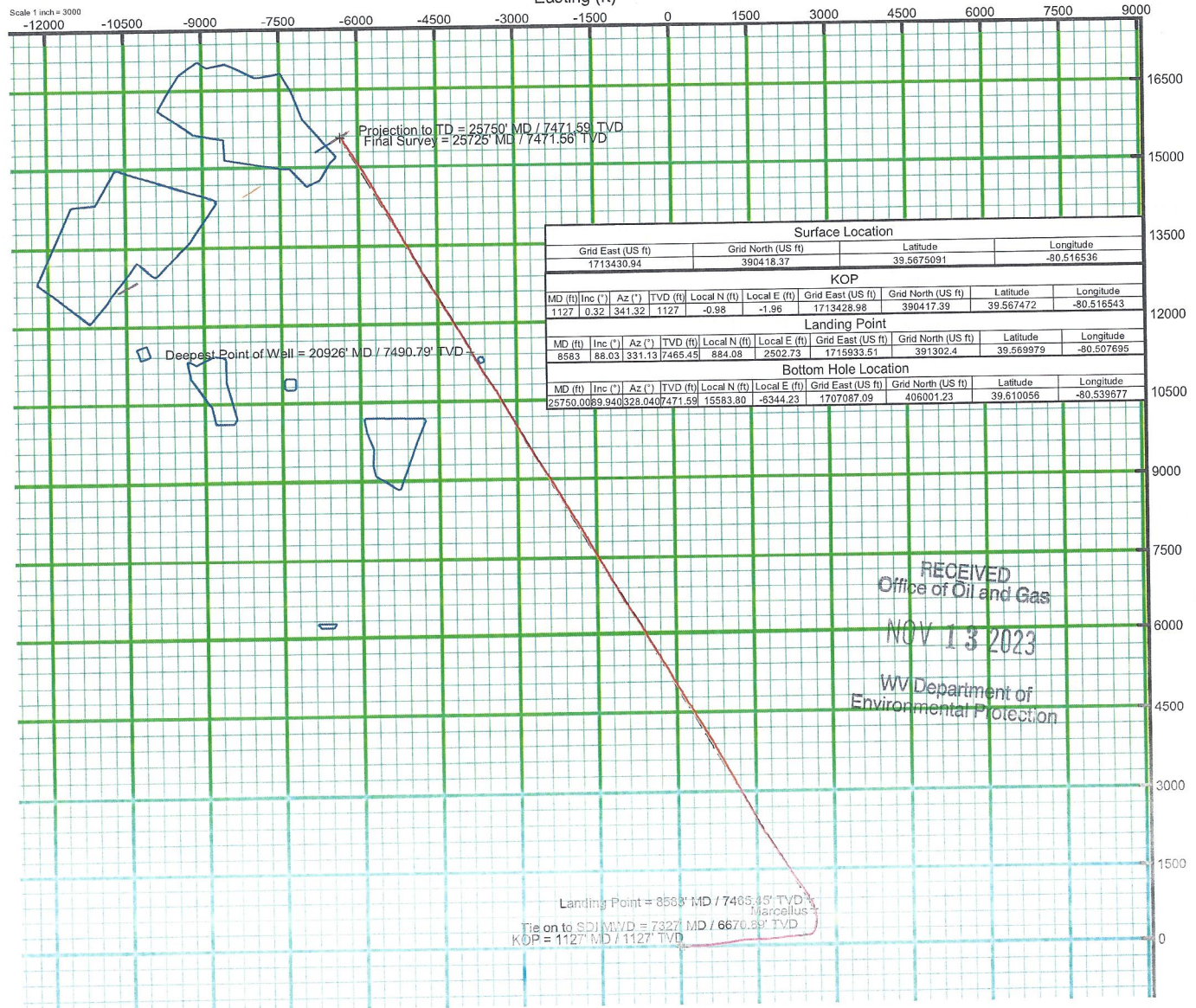
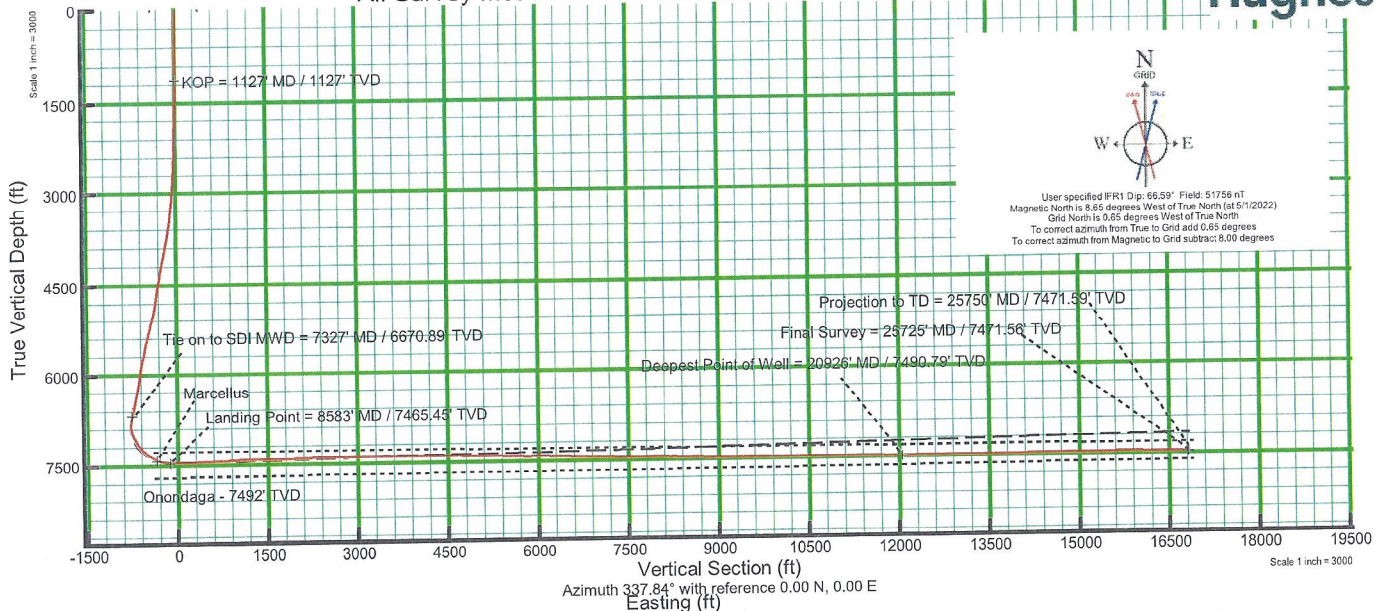
KOP = 1127' MD / 1127' TVD
 Tie on to SDI MWD = 7327' MD / 6670.89' TVD
 Marcellus
 Landing Point = 8583' MD / 7465.45' TVD
 Deepest Point of Well = 20926' MD / 7490.79' TVD
 Final Survey = 25725' MD / 7471.56' TVD
 Projection to TD = 25750' MD / 7471.59' TVD

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KB Elevation=1274 FT
 Ground Elevation=1246 FT
 All Survey Measurements were taken from KB Elevation



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