



Actual Wellpath Report

Cash 1H AWB Proj: 20303'

Page 1 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Cash 1H
Field	Wetzel	API	47-103-03398-0000
Facility	Cash Pad	Wellbore	Cash 1H AWB
Slot	Slot 01		

REPORT SETUP INFORMATION			
Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Scurdan
Scale	0.999941	Report Generated	9/19/2023 at 10:01:06 AM
Convergence at slot	0.69° 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	0.00	0.00	1694689.29	413402.91	39°37'47.9033"N	80°35'2.3829"W
Facility Reference Pt			1694689.29	413402.91	39°37'47.9033"N	80°35'2.3829"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 292 (RKB) to Facility Vertical Datum	1516.00ft
Horizontal Reference Pt	Slot	Patterson 292 (RKB) to Mean Sea Level	1516.00ft
Vertical Reference Pt	Patterson 292 (RKB)	Patterson 292 (RKB) to Ground Level at Slot (Slot 01)	28.00ft
MD Reference Pt	Patterson 292 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	328.32°

RECEIVED
 Office of Oil and Gas
 APR 16 2024
 WV Department of
 Environmental Protection



Actual Wellpath Report

Cash 1H AWB Proj: 20303'

Page 2 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Cash 1H
Field	Wetzel	API	47-103-03398-0000
Facility	Cash Pad	Wellbore	Cash 1H AWB
Slot	Slot 01		

WELLPATH DATA (224 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	100.480	0.00	0.00	0.00	0.00	1694689.29	413402.91	39°37'47.9033"N	80°35'2.3829"W	0.00	0.000	0.00	0.00	0.00
28.00	0.000	100.480	28.00	0.00	0.00	0.00	1694689.29	413402.91	39°37'47.9033"N	80°35'2.3829"W	0.00	0.000	0.00	0.00	0.00
115.00	0.170	100.480	115.00	-0.09	-0.02	0.13	1694689.42	413402.89	39°37'47.9031"N	80°35'2.3813"W	0.13	100.480	0.20	0.20	0.00
215.00	0.190	85.770	215.00	-0.26	-0.04	0.44	1694689.73	413402.87	39°37'47.9030"N	80°35'2.3773"W	0.44	94.987	0.05	0.02	-14.71
315.00	0.200	91.930	315.00	-0.44	-0.03	0.78	1694690.07	413402.88	39°37'47.9031"N	80°35'2.3729"W	0.78	92.347	0.02	0.01	6.16
415.00	0.200	96.390	415.00	-0.64	-0.06	1.13	1694690.42	413402.85	39°37'47.9029"N	80°35'2.3685"W	1.13	92.908	0.02	0.00	4.46
515.00	0.100	105.930	515.00	-0.81	-0.10	1.38	1694690.67	413402.81	39°37'47.9025"N	80°35'2.3652"W	1.39	94.158	0.10	-0.10	9.54
615.00	0.090	98.380	615.00	-0.93	-0.14	1.54	1694690.83	413402.77	39°37'47.9021"N	80°35'2.3631"W	1.55	95.030	0.02	-0.01	-7.55
715.00	0.060	92.880	715.00	-1.01	-0.15	1.67	1694690.96	413402.76	39°37'47.9020"N	80°35'2.3615"W	1.68	95.119	0.03	-0.03	-5.50
815.00	0.100	76.060	815.00	-1.06	-0.13	1.81	1694691.10	413402.78	39°37'47.9022"N	80°35'2.3597"W	1.82	94.156	0.05	0.04	-16.82
915.00	0.160	61.340	915.00	-1.10	-0.04	2.02	1694691.31	413402.87	39°37'47.9031"N	80°35'2.3571"W	2.02	91.239	0.07	0.06	-14.72
1015.00	0.200	103.450	1015.00	-1.23	-0.02	2.31	1694691.60	413402.89	39°37'47.9034"N	80°35'2.3533"W	2.31	90.428	0.13	0.04	42.11
1115.00	0.130	83.930	1115.00	-1.40	-0.05	2.59	1694691.88	413402.86	39°37'47.9031"N	80°35'2.3497"W	2.59	91.013	0.09	-0.07	-19.52
1215.00	0.400	24.500	1215.00	-1.26	0.28	2.85	1694692.14	413403.19	39°37'47.9064"N	80°35'2.3465"W	2.87	84.317	0.35	0.27	-59.43
1303.00	0.950	16.870	1302.99	-0.60	1.26	3.19	1694692.48	413404.17	39°37'47.9161"N	80°35'2.3423"W	3.43	68.428	0.63	0.62	-8.67
1432.00	1.000	355.870	1431.97	1.10	3.41	3.42	1694692.71	413406.32	39°37'47.9374"N	80°35'2.3397"W	4.83	45.102	0.28	0.04	-16.28
1475.00	0.560	281.390	1474.97	1.58	3.82	3.19	1694692.48	413406.73	39°37'47.9414"N	80°35'2.3427"W	4.98	39.811	2.34	-1.02	-173.21
1519.00	0.990	251.910	1518.96	1.82	3.75	2.61	1694691.90	413406.66	39°37'47.9406"N	80°35'2.3500"W	4.57	34.902	1.30	0.98	-67.00
1562.00	1.280	240.650	1561.96	1.92	3.40	1.84	1694691.13	413406.31	39°37'47.9371"N	80°35'2.3599"W	3.86	28.480	0.85	0.67	-26.19
1605.00	1.430	246.900	1604.94	2.02	2.95	0.93	1694690.22	413405.86	39°37'47.9326"N	80°35'2.3714"W	3.09	17.504	0.49	0.35	14.53
1648.00	1.310	247.610	1647.93	2.18	2.55	-0.02	1694689.27	413405.46	39°37'47.9285"N	80°35'2.3835"W	2.55	359.612	0.28	-0.28	1.65
1691.00	1.260	240.750	1690.92	2.28	2.14	-0.88	1694688.41	413405.04	39°37'47.9243"N	80°35'2.3945"W	2.31	337.503	0.38	-0.12	-15.95
1778.00	1.080	250.790	1777.90	2.50	1.40	-2.49	1694686.80	413404.31	39°37'47.9168"N	80°35'2.4150"W	2.86	299.281	0.31	-0.21	11.54
1864.00	1.220	255.300	1863.88	2.94	0.90	-4.14	1694685.15	413403.81	39°37'47.9117"N	80°35'2.4360"W	4.24	282.239	0.19	0.16	5.24
1951.00	1.150	247.750	1950.87	3.35	0.33	-5.85	1694683.44	413403.24	39°37'47.9059"N	80°35'2.4577"W	5.86	273.262	0.20	-0.08	-8.68
2037.00	0.970	249.960	2036.85	3.64	-0.24	-7.33	1694681.96	413402.67	39°37'47.9000"N	80°35'2.4765"W	7.33	268.102	0.21	-0.21	2.57
2124.00	0.950	253.830	2123.84	3.98	-0.70	-8.72	1694680.58	413402.21	39°37'47.8954"N	80°35'2.4942"W	8.74	265.433	0.08	-0.02	4.45
2210.00	1.110	251.280	2209.83	4.36	-1.16	-10.19	1694679.10	413401.75	39°37'47.8906"N	80°35'2.5129"W	10.25	263.494	0.19	0.19	-2.97
2296.00	1.220	252.750	2295.81	4.78	-1.70	-11.85	1694677.44	413401.21	39°37'47.8851"N	80°35'2.5341"W	11.97	261.834	0.13	0.13	1.71
2383.00	0.960	226.510	2382.79	4.86	-2.48	-13.27	1694676.03	413400.43	39°37'47.8772"N	80°35'2.5520"W	13.49	259.423	0.64	-0.30	-30.16

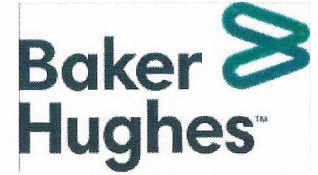
RECEIVED
 Office Of Oil and Gas
 APR 16 2024
 WV Department of
 Environmental Protection



Actual Wellpath Report

Cash 1H AWB Proj: 20303'

Page 3 of 11



REFERENCE WELLPATH IDENTIFICATION				
Operator	EQT PRODUCTION COMPANY		Well	Cash 1H
Field	Wetzel		API	47-103-03398-0000
Facility	Cash Pad		Wellbore	Cash 1H AWB
Slot	Slot 01			

WELLPATH DATA (224 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]
2469.00	0.740	169.740	2468.78	4.19	-3.52	-13.69	1694675.60	413399.39	39°37'47.8669"N	80°35'2.5573"W	14.13	255.582	0.97	-0.26	-66.01
2556.00	1.020	156.710	2555.77	2.91	-4.78	-13.28	1694676.01	413398.13	39°37'47.8544"N	80°35'2.5519"W	14.12	250.195	0.39	0.32	-14.98
2641.00	1.480	156.640	2640.75	1.07	-6.49	-12.55	1694676.74	413396.42	39°37'47.8377"N	80°35'2.5422"W	14.13	242.666	0.54	0.54	-0.08
2728.00	1.850	163.090	2727.72	-1.40	-8.86	-11.69	1694677.60	413394.05	39°37'47.8143"N	80°35'2.5310"W	14.67	232.848	0.48	0.43	7.41
2815.00	2.110	159.970	2814.66	-4.33	-11.71	-10.74	1694678.55	413391.20	39°37'47.7863"N	80°35'2.5183"W	15.89	222.520	0.32	0.30	-3.59
2902.00	2.280	179.920	2901.60	-7.37	-14.94	-10.19	1694679.10	413387.97	39°37'47.7544"N	80°35'2.5108"W	18.09	214.279	0.89	0.20	22.93
2988.00	3.080	209.950	2987.51	-9.92	-18.66	-11.34	1694677.95	413384.25	39°37'47.7175"N	80°35'2.5249"W	21.83	211.286	1.85	0.93	34.92
3075.00	3.530	219.470	3074.37	-11.90	-22.75	-14.21	1694675.08	413380.16	39°37'47.6768"N	80°35'2.5609"W	26.82	211.984	0.81	0.52	10.94
3161.00	3.390	218.980	3160.21	-13.60	-26.77	-17.49	1694671.80	413376.14	39°37'47.6366"N	80°35'2.6023"W	31.98	213.157	0.17	-0.16	-0.57
3248.00	3.440	215.260	3247.06	-15.47	-30.90	-20.61	1694668.68	413372.01	39°37'47.5954"N	80°35'2.6416"W	37.15	213.707	0.26	0.06	-4.28
3334.00	3.220	215.530	3332.91	-17.42	-34.97	-23.51	1694665.78	413367.94	39°37'47.5549"N	80°35'2.6779"W	42.14	213.907	0.26	-0.26	0.31
3421.00	3.990	209.630	3419.74	-19.82	-39.59	-26.42	1694662.87	413363.32	39°37'47.5089"N	80°35'2.7145"W	47.60	213.718	0.98	0.89	-6.78
3507.00	4.710	202.010	3505.49	-23.34	-45.47	-29.23	1694660.07	413357.44	39°37'47.4505"N	80°35'2.7494"W	54.05	212.733	1.07	0.84	-8.86
3594.00	4.480	194.420	3592.21	-27.82	-52.07	-31.41	1694657.88	413350.84	39°37'47.3850"N	80°35'2.7763"W	60.81	211.100	0.75	-0.26	-8.72
3680.00	4.110	199.710	3677.97	-32.07	-58.22	-33.29	1694656.00	413344.69	39°37'47.3239"N	80°35'2.7993"W	67.07	209.757	0.63	-0.43	6.15
3767.00	3.880	197.900	3764.76	-35.92	-63.96	-35.24	1694654.05	413338.95	39°37'47.2670"N	80°35'2.8234"W	73.03	208.855	0.30	-0.26	-2.08
3853.00	4.360	193.820	3850.54	-40.10	-69.90	-36.92	1694652.37	413333.01	39°37'47.2081"N	80°35'2.8439"W	79.05	207.840	0.65	0.56	-4.74
3940.00	4.680	193.030	3937.27	-44.94	-76.57	-38.51	1694650.78	413326.34	39°37'47.1420"N	80°35'2.8632"W	85.71	206.698	0.37	0.37	-0.91
4027.00	5.260	191.110	4023.94	-50.39	-83.94	-40.08	1694649.22	413318.97	39°37'47.0689"N	80°35'2.8821"W	93.02	205.521	0.69	0.67	-2.21
4113.00	5.940	190.910	4109.53	-56.56	-92.18	-41.68	1694647.61	413310.73	39°37'46.9873"N	80°35'2.9013"W	101.17	204.330	0.79	0.79	-0.23
4199.00	5.560	188.170	4195.09	-63.03	-100.68	-43.11	1694646.18	413302.24	39°37'46.9032"N	80°35'2.9183"W	109.52	203.183	0.54	-0.44	-3.19
4286.00	5.270	186.800	4281.71	-69.40	-108.81	-44.19	1694645.11	413294.10	39°37'46.8227"N	80°35'2.9308"W	117.44	202.100	0.36	-0.33	-1.57
4372.00	5.530	188.120	4367.32	-75.67	-116.84	-45.24	1694644.05	413286.08	39°37'46.7432"N	80°35'2.9430"W	125.29	201.166	0.34	0.30	1.53
4458.00	5.550	188.960	4452.92	-82.01	-125.05	-46.47	1694642.82	413277.87	39°37'46.6620"N	80°35'2.9575"W	133.40	200.386	0.10	0.02	0.98
4545.00	5.540	194.030	4539.52	-88.14	-133.28	-48.14	1694641.15	413269.64	39°37'46.5804"N	80°35'2.9776"W	141.71	199.861	0.56	-0.01	5.83
4631.00	5.450	197.680	4625.12	-93.69	-141.20	-50.39	1694638.90	413261.72	39°37'46.5019"N	80°35'3.0051"W	149.92	199.641	0.42	-0.10	4.24
4718.00	5.090	194.190	4711.75	-99.07	-148.88	-52.59	1694636.70	413254.04	39°37'46.4258"N	80°35'3.0320"W	157.89	199.456	0.55	-0.41	-4.01
4804.00	5.420	198.870	4797.39	-104.31	-156.42	-54.84	1694634.45	413246.50	39°37'46.3510"N	80°35'3.0596"W	165.75	199.321	0.63	0.38	5.44
4890.00	6.540	204.230	4882.92	-109.64	-164.73	-58.16	1694631.13	413238.19	39°37'46.2684"N	80°35'3.1008"W	174.69	199.448	1.45	1.30	6.23
4969.00	6.110	199.550	4961.44	-114.79	-172.79	-61.42	1694627.88	413230.13	39°37'46.1884"N	80°35'3.1411"W	183.38	199.568	0.85	-0.54	-5.92

WV Department of

APR 16 2024

RECEIVED
Office Of Oil and Gas



Actual Wellpath Report

Cash 1H AWB Proj: 20303'

Page 4 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Cash 1H
Field	Wetzel	API	47-103-03398-0000
Facility	Cash Pad	Wellbore	Cash 1H AWB
Slot	Slot 01		

WELLPATH DATA (224 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]
5056.00	6.190	197.410	5047.94	-120.76	-181.63	-64.37	1694624.92	413221.29	39°37'46.1007"N	80°35'3.1775"W	192.70	199.515	0.28	0.09	-2.46
5142.00	6.100	193.310	5133.45	-127.03	-190.50	-66.81	1694622.48	413212.42	39°37'46.0127"N	80°35'3.2073"W	201.88	199.326	0.52	-0.10	-4.77
5228.00	7.100	207.190	5218.88	-133.01	-199.68	-70.29	1694619.00	413203.25	39°37'45.9216"N	80°35'3.2504"W	211.69	199.393	2.18	1.16	16.14
5315.00	6.990	203.970	5305.23	-138.77	-209.30	-74.90	1694614.40	413193.63	39°37'45.8260"N	80°35'3.3078"W	222.29	199.690	0.47	-0.13	-3.70
5401.00	7.340	198.960	5390.56	-145.21	-219.27	-78.81	1694610.49	413183.65	39°37'45.7269"N	80°35'3.3562"W	233.01	199.769	0.83	0.41	-5.83
5487.00	7.300	198.790	5475.86	-152.17	-229.64	-82.35	1694606.94	413173.28	39°37'45.6240"N	80°35'3.3999"W	243.96	199.729	0.05	-0.05	-0.20
5574.00	7.510	201.640	5562.13	-159.09	-240.16	-86.23	1694603.06	413162.77	39°37'45.5196"N	80°35'3.4478"W	255.17	199.751	0.49	0.24	3.28
5660.00	7.540	198.370	5647.39	-166.07	-250.74	-90.08	1694599.21	413152.19	39°37'45.4146"N	80°35'3.4954"W	266.43	199.762	0.50	0.03	-3.80
5747.00	7.800	199.540	5733.61	-173.43	-261.72	-93.86	1694595.44	413141.21	39°37'45.3057"N	80°35'3.5420"W	278.04	199.728	0.35	0.30	1.34
5833.00	7.470	204.530	5818.85	-180.19	-272.30	-98.13	1694591.17	413130.62	39°37'45.2006"N	80°35'3.5949"W	289.45	199.817	0.86	-0.38	5.80
5920.00	5.320	202.390	5905.30	-185.71	-281.18	-102.01	1694587.28	413121.75	39°37'45.1124"N	80°35'3.6432"W	299.11	199.941	2.49	-2.47	-2.46
6007.00	3.830	191.870	5992.03	-190.18	-287.75	-104.15	1694585.15	413115.18	39°37'45.0472"N	80°35'3.6695"W	306.02	199.897	1.96	-1.71	-12.09
6093.00	4.000	181.950	6077.83	-194.76	-293.56	-104.84	1694584.46	413109.37	39°37'44.9897"N	80°35'3.6774"W	311.72	199.653	0.81	0.20	-11.53
6179.00	3.830	188.770	6163.63	-199.44	-299.40	-105.38	1694583.92	413103.53	39°37'44.9319"N	80°35'3.6834"W	317.40	199.391	0.58	-0.20	7.93
6266.00	4.070	199.870	6250.42	-203.57	-305.17	-106.87	1694582.42	413097.76	39°37'44.8747"N	80°35'3.7016"W	323.35	199.300	0.92	0.28	12.76
6353.00	4.430	191.400	6337.18	-207.95	-311.37	-108.59	1694580.71	413091.56	39°37'44.8132"N	80°35'3.7225"W	329.76	199.225	0.83	0.41	-9.74
6439.00	4.690	199.410	6422.91	-212.58	-317.94	-110.41	1694578.89	413084.99	39°37'44.7481"N	80°35'3.7448"W	336.57	199.150	0.80	0.30	9.31
6526.00	5.510	205.890	6509.57	-217.06	-325.05	-113.42	1694575.88	413077.88	39°37'44.6774"N	80°35'3.7822"W	344.27	199.235	1.15	0.94	7.45
6612.00	5.810	201.490	6595.15	-221.88	-332.82	-116.81	1694572.48	413070.11	39°37'44.6003"N	80°35'3.8244"W	352.72	199.340	0.61	0.35	-5.12
6699.00	6.390	195.110	6681.65	-227.83	-341.59	-119.69	1694569.61	413061.34	39°37'44.5133"N	80°35'3.8598"W	361.95	199.310	1.02	0.67	-7.33
6785.00	7.210	192.290	6767.05	-235.00	-351.48	-122.09	1694567.21	413051.45	39°37'44.4152"N	80°35'3.8889"W	372.08	199.154	1.03	0.95	-3.28
6845.00	7.740	189.450	6826.54	-240.75	-359.15	-123.55	1694565.75	413043.78	39°37'44.3393"N	80°35'3.9064"W	379.81	198.984	1.08	0.88	-4.73
6974.00	6.350	227.020	6954.63	-248.69	-372.59	-130.20	1694559.10	413030.34	39°37'44.2057"N	80°35'3.9893"W	394.68	199.262	3.65	-1.08	29.12
7069.00	11.050	295.450	7048.72	-242.06	-372.26	-142.30	1694547.00	413030.68	39°37'44.2075"N	80°35'4.1440"W	398.53	200.920	11.06	4.95	72.03
7164.00	18.680	318.700	7140.55	-219.36	-356.88	-160.60	1694528.70	413046.05	39°37'44.3573"N	80°35'4.3803"W	391.35	204.228	10.05	8.03	24.47
7259.00	26.830	324.800	7228.09	-182.89	-327.88	-183.04	1694506.26	413075.05	39°37'44.6412"N	80°35'4.6715"W	375.51	209.173	8.92	8.58	6.42
7354.00	35.680	326.400	7309.23	-133.71	-287.20	-210.79	1694478.52	413115.72	39°37'45.0399"N	80°35'5.0323"W	356.25	216.276	9.36	9.32	1.68
7449.00	45.080	331.380	7381.53	-72.28	-234.47	-242.31	1694447.00	413168.45	39°37'45.5572"N	80°35'5.4433"W	337.18	225.942	10.45	9.89	5.24
7544.00	53.720	332.480	7443.30	-0.36	-170.87	-276.18	1694413.13	413232.06	39°37'46.1818"N	80°35'5.8860"W	324.76	238.256	9.14	9.09	1.16
7639.00	60.570	331.060	7494.81	79.25	-100.62	-313.93	1694375.37	413302.30	39°37'46.8715"N	80°35'6.3793"W	329.66	252.229	7.32	7.21	-1.49

WV Department of
Environmental Protection

APR 16 2024

Office Of Oil and Gas



Actual Wellpath Report

Cash 1H AWB Proj: 20303'
Page 5 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Cash 1H
Field	Wetzel	API	47-103-03398-0000
Facility	Cash Pad	Wellbore	Cash 1H AWB
Slot	Slot 01		

WELLPATH DATA (224 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]	
7734.00	67.320	329.970	7536.51	164.48	-26.38	-355.94	1694333.38	413376.53	39°37'47.6001"N	80°35'6.9276"W	356.91	265.761	7.18	7.11	-1.15	
7829.00	73.750	331.490	7568.15	253.92	51.72	-399.68	1694289.63	413454.63	39°37'48.3667"N	80°35'7.4987"W	403.02	277.374	6.93	6.77	1.60	
7923.00	82.680	330.770	7587.33	345.73	132.22	-444.08	1694245.24	413535.12	39°37'49.1569"N	80°35'8.0784"W	463.34	286.580	9.53	9.50	-0.77	
8019.00	89.990	330.540	7593.47	441.39	215.67	-491.00	1694198.32	413618.57	39°37'49.9760"N	80°35'8.6909"W	536.27	293.714	7.62	7.61	-0.24	
8114.00	89.930	329.150	7593.53	536.36	297.81	-538.72	1694150.61	413700.70	39°37'50.7821"N	80°35'9.3135"W	615.56	298.935	1.46	-0.06	-1.46	
8209.00	89.810	329.190	7593.75	631.35	379.39	-587.40	1694101.92	413782.28	39°37'51.5824"N	80°35'9.9483"W	699.27	302.857	0.13	-0.13	0.04	
8304.00	89.720	329.040	7594.14	726.34	460.92	-636.17	1694053.16	413863.80	39°37'52.3823"N	80°35'10.5841"W	785.59	305.924	0.18	-0.09	-0.16	
8399.00	89.510	329.010	7594.78	821.33	542.37	-685.06	1694004.27	413945.24	39°37'53.1814"N	80°35'11.2215"W	873.77	308.369	0.22	-0.22	-0.03	
8494.00	89.350	328.790	7595.72	916.32	623.71	-734.13	1693955.21	414026.58	39°37'53.9794"N	80°35'11.8612"W	963.30	310.351	0.29	-0.17	-0.23	
8589.00	89.290	328.610	7596.85	1011.31	704.88	-783.48	1693905.86	414107.74	39°37'54.7756"N	80°35'12.5044"W	1053.89	311.977	0.20	-0.06	-0.19	
8684.00	89.500	329.460	7597.85	1106.30	786.33	-832.35	1693856.99	414189.19	39°37'55.5747"N	80°35'13.1417"W	1145.05	313.371	0.92	0.22	0.89	
8779.00	89.900	328.830	7598.35	1201.28	867.88	-881.08	1693808.27	414270.74	39°37'56.3749"N	80°35'13.7770"W	1236.74	314.568	0.79	0.42	-0.66	
8874.00	89.900	328.990	7598.51	1296.28	949.24	-930.13	1693759.21	414352.09	39°37'57.1730"N	80°35'14.4165"W	1328.98	315.582	0.17	0.00	0.17	
8969.00	89.990	328.830	7598.61	1391.27	1030.59	-979.19	1693710.16	414433.44	39°37'57.9711"N	80°35'15.0560"W	1421.59	316.465	0.19	0.09	-0.17	
9064.00	90.050	328.920	7598.57	1486.27	1111.92	-1028.29	1693661.06	414514.76	39°37'58.7689"N	80°35'15.6962"W	1514.51	317.237	0.11	0.06	0.09	
9159.00	89.930	328.700	7598.59	1581.27	1193.18	-1077.49	1693611.86	414596.02	39°37'59.5661"N	80°35'16.3375"W	1607.69	317.917	0.26	-0.13	-0.23	
9254.00	90.080	328.750	7598.58	1676.26	1274.38	-1126.81	1693562.55	414677.21	39°38'0.3626"N	80°35'16.9804"W	1701.10	318.517	0.17	0.16	0.05	
9349.00	90.150	328.720	7598.39	1771.26	1355.58	-1176.12	1693513.25	414758.41	39°38'1.1592"N	80°35'17.6231"W	1794.67	319.055	0.08	0.07	-0.03	
9445.00	90.080	329.070	7598.20	1867.25	1437.78	-1225.71	1693463.65	414840.60	39°38'1.9656"N	80°35'18.2697"W	1889.33	319.552	0.37	-0.07	0.36	
9540.00	90.330	329.080	7597.86	1962.25	1519.27	-1274.53	1693414.84	414922.09	39°38'2.7651"N	80°35'18.9062"W	1983.09	320.006	0.26	0.26	0.01	
9635.00	89.470	328.830	7598.02	2057.24	1600.67	-1323.52	1693365.85	415003.48	39°38'3.5635"N	80°35'19.5450"W	2076.98	320.414	0.94	-0.91	-0.26	
9730.00	89.680	329.180	7598.73	2152.23	1682.10	-1372.44	1693316.93	415084.91	39°38'4.3624"N	80°35'20.1828"W	2170.96	320.789	0.43	0.22	0.37	
9825.00	89.380	328.420	7599.51	2247.22	1763.35	-1421.65	1693267.72	415166.16	39°38'5.1595"N	80°35'20.8243"W	2265.07	321.123	0.86	-0.32	-0.80	
9919.00	89.310	329.310	7600.58	2341.21	1843.81	-1470.25	1693219.13	415246.60	39°38'5.9488"N	80°35'21.4579"W	2358.24	321.431	0.95	-0.07	0.95	
10014.00	89.310	329.070	7601.73	2436.19	1925.39	-1518.91	1693170.47	415328.19	39°38'6.7492"N	80°35'22.0924"W	2452.39	321.731	0.25	0.00	-0.25	
10110.00	89.380	328.910	7602.82	2532.18	2007.67	-1568.36	1693121.02	415410.46	39°38'7.5564"N	80°35'22.7372"W	2547.65	322.004	0.18	0.07	-0.17	
10204.00	89.410	329.010	7603.82	2626.17	2088.20	-1616.83	1693072.56	415490.99	39°38'8.3464"N	80°35'23.3692"W	2640.97	322.251	0.11	0.03	0.11	
10299.00	89.380	329.070	7604.82	2721.16	2169.66	-1665.70	1693023.69	415572.44	39°38'9.1456"N	80°35'24.0064"W	2735.32	322.486	0.07	-0.03	0.06	
10394.00	89.440	328.700	7605.80	2816.15	2250.99	-1714.79	1692974.61	415653.76	39°38'9.9434"N	80°35'24.6464"W	2829.75	322.700	0.39	0.06	-0.39	
10489.00	89.750	329.240	7606.47	2911.14	2332.40	-1763.76	1692925.64	415735.16	39°38'10.7420"N	80°35'25.2849"W	2924.19	322.903	0.66	0.33	0.57	

RECEIVED
Office Of Oil and Gas
APR 16 2024
WV Department of



RECEIVED
Office Of Oil and Gas
APR 16 2024
WV Department of
Environmental Protection

Actual Wellpath Report

Cash 1H AWB Proj: 20303'

Page 6 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Cash 1H
Field	Wetzel	API	47-103-03398-0000
Facility	Cash Pad	Wellbore	Cash 1H AWB
Slot	Slot 01		

WELLPATH DATA (224 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]
10585.00	89.470	329.450	7607.12	3007.12	2414.98	-1812.71	1692876.70	415817.74	39°38'11.5523"N	80°35'25.9233"W	3019.61	323.108	0.36	-0.29	0.22
10680.00	89.680	330.030	7607.83	3102.09	2497.03	-1860.58	1692828.83	415899.79	39°38'12.3574"N	80°35'26.5478"W	3113.99	323.310	0.65	0.22	0.61
10775.00	89.710	330.030	7608.33	3197.04	2579.33	-1908.03	1692781.37	415982.08	39°38'13.1650"N	80°35'27.1671"W	3208.35	323.508	0.03	0.03	0.00
10870.00	89.530	329.090	7608.96	3292.02	2661.23	-1956.16	1692733.25	416063.98	39°38'13.9686"N	80°35'27.7950"W	3302.83	323.682	1.01	-0.19	-0.99
10966.00	89.310	329.820	7609.93	3387.99	2743.90	-2004.95	1692684.47	416146.64	39°38'14.7798"N	80°35'28.4314"W	3398.35	323.845	0.79	-0.23	0.76
11061.00	89.750	329.470	7610.71	3482.96	2825.88	-2052.95	1692636.46	416228.61	39°38'15.5841"N	80°35'29.0577"W	3492.88	324.002	0.59	0.46	-0.37
11157.00	89.470	329.330	7611.37	3578.95	2908.51	-2101.82	1692587.60	416311.24	39°38'16.3948"N	80°35'29.6951"W	3588.46	324.146	0.33	-0.29	-0.15
11252.00	89.590	329.540	7612.15	3673.92	2990.30	-2150.13	1692539.29	416393.03	39°38'17.1973"N	80°35'30.3252"W	3683.06	324.283	0.25	0.13	0.22
11347.00	89.620	329.010	7612.80	3768.91	3071.97	-2198.66	1692490.76	416474.69	39°38'17.9985"N	80°35'30.9582"W	3777.71	324.408	0.56	0.03	-0.56
11442.00	89.530	329.510	7613.51	3863.89	3153.61	-2247.22	1692442.21	416556.33	39°38'18.7996"N	80°35'31.5915"W	3872.38	324.527	0.53	-0.09	0.53
11537.00	89.530	329.120	7614.29	3958.87	3235.31	-2295.70	1692393.73	416638.02	39°38'19.6011"N	80°35'32.2238"W	3967.05	324.641	0.41	0.00	-0.41
11632.00	89.990	329.770	7614.68	4053.85	3317.12	-2343.99	1692345.44	416719.82	39°38'20.4038"N	80°35'32.8538"W	4061.72	324.754	0.84	0.48	0.68
11727.00	90.480	330.420	7614.29	4148.81	3399.47	-2391.36	1692298.08	416802.17	39°38'21.2119"N	80°35'33.4720"W	4156.32	324.876	0.86	0.52	0.68
11823.00	91.130	329.970	7612.95	4244.75	3482.76	-2439.07	1692250.37	416885.46	39°38'22.0293"N	80°35'34.0947"W	4251.90	324.995	0.82	0.68	-0.47
11918.00	89.410	330.390	7612.50	4339.69	3565.18	-2486.31	1692203.14	416967.87	39°38'22.8381"N	80°35'34.7113"W	4346.52	325.109	1.86	-1.81	0.44
12013.00	90.050	329.930	7612.95	4434.64	3647.58	-2533.58	1692155.87	417050.27	39°38'23.6467"N	80°35'35.3283"W	4441.15	325.217	0.83	0.67	-0.48
12109.00	89.370	329.620	7613.43	4530.61	3730.53	-2581.90	1692107.55	417133.21	39°38'24.4606"N	80°35'35.9589"W	4536.85	325.313	0.78	-0.71	-0.32
12200.00	89.900	330.390	7614.01	4621.57	3809.34	-2627.39	1692062.06	417212.01	39°38'25.2340"N	80°35'36.5526"W	4627.55	325.405	1.03	0.58	0.85
12299.00	88.850	329.770	7615.09	4720.51	3895.14	-2676.77	1692012.68	417297.81	39°38'26.0760"N	80°35'37.1971"W	4726.22	325.503	1.23	-1.06	-0.63
12394.00	88.880	330.020	7616.97	4815.46	3977.31	-2724.41	1691965.05	417379.97	39°38'26.8823"N	80°35'37.8188"W	4820.93	325.589	0.26	0.03	0.26
12489.00	89.000	329.900	7618.73	4910.40	4059.53	-2771.96	1691917.50	417462.19	39°38'27.6891"N	80°35'38.4393"W	4915.64	325.674	0.18	0.13	-0.13
12584.00	90.600	329.190	7619.06	5005.38	4141.42	-2820.11	1691869.35	417544.08	39°38'28.4926"N	80°35'39.0675"W	5010.43	325.747	1.84	1.68	-0.75
12679.00	88.880	330.510	7619.49	5100.33	4223.56	-2867.82	1691821.64	417626.21	39°38'29.2986"N	80°35'39.6901"W	5105.18	325.823	2.28	-1.81	1.39
12774.00	90.390	330.330	7620.10	5195.27	4306.18	-2914.71	1691774.75	417708.82	39°38'30.1094"N	80°35'40.3024"W	5199.88	325.907	1.60	1.59	-0.19
12868.00	88.970	330.040	7620.62	5289.21	4387.73	-2961.45	1691728.02	417790.37	39°38'30.9097"N	80°35'40.9124"W	5293.61	325.983	1.54	-1.51	-0.31
12963.00	88.880	330.290	7622.41	5384.15	4470.12	-3008.70	1691680.77	417872.76	39°38'31.7183"N	80°35'41.5293"W	5388.35	326.057	0.28	-0.09	0.26
13059.00	89.030	330.400	7624.16	5480.07	4553.54	-3056.20	1691633.28	417956.17	39°38'32.5368"N	80°35'42.1493"W	5484.07	326.132	0.19	0.16	0.11
13154.00	90.050	330.420	7624.92	5575.00	4636.14	-3103.10	1691586.38	418038.77	39°38'33.3475"N	80°35'42.7617"W	5578.81	326.204	1.07	1.07	0.02
13249.00	88.850	329.150	7625.83	5669.96	4718.23	-3150.91	1691538.58	418120.85	39°38'34.1530"N	80°35'43.3856"W	5673.61	326.264	1.84	-1.26	-1.34
13344.00	89.650	330.870	7627.07	5764.91	4800.50	-3198.39	1691491.10	418203.12	39°38'34.9603"N	80°35'44.0053"W	5768.40	326.326	2.00	0.84	1.81

WV Department of
Environmental Protection

16 2024

RECEIVED
Office Of Oil and Gas



RECEIVED
Office Of Oil and Gas

APR 16 2024

WV Department of
Environmental Protection

Actual Wellpath Report

Cash 1H AWB Proj: 20303'

Page 7 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Cash 1H
Field	Wetzel	API	47-103-03398-0000
Facility	Cash Pad	Wellbore	Cash 1H AWB
Slot	Slot 01		

WELLPATH DATA (224 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]
13439.00	88.910	329.870	7628.27	5859.84	4883.07	-3245.35	1691444.14	418285.68	39°38'35.7706"N	80°35'44.6184"W	5863.16	326.391	1.31	-0.78	-1.05
13534.00	89.650	329.750	7629.46	5954.80	4965.18	-3293.12	1691396.37	418367.78	39°38'36.5763"N	80°35'45.2418"W	5957.99	326.446	0.79	0.78	-0.13
13629.00	89.960	329.710	7629.79	6049.77	5047.22	-3341.00	1691348.49	418449.82	39°38'37.3813"N	80°35'45.8667"W	6052.83	326.497	0.33	0.33	-0.04
13724.00	90.050	329.880	7629.78	6144.74	5129.33	-3388.80	1691300.70	418531.92	39°38'38.1869"N	80°35'46.4904"W	6147.68	326.548	0.20	0.09	0.18
13819.00	90.020	329.790	7629.72	6239.71	5211.46	-3436.54	1691252.96	418614.05	39°38'38.9928"N	80°35'47.1134"W	6242.52	326.598	0.10	-0.03	-0.09
13915.00	89.560	329.030	7630.07	6335.69	5294.10	-3485.39	1691204.12	418696.68	39°38'39.8036"N	80°35'47.7508"W	6338.41	326.641	0.93	-0.48	-0.79
14010.00	91.030	331.490	7629.58	6430.62	5376.58	-3532.51	1691157.00	418779.16	39°38'40.6130"N	80°35'48.3659"W	6433.21	326.694	3.02	1.55	2.59
14105.00	89.960	329.840	7628.76	6525.53	5459.39	-3579.05	1691110.46	418861.96	39°38'41.4258"N	80°35'48.9737"W	6527.98	326.752	2.07	-1.13	-1.74
14200.00	90.140	329.390	7628.68	6620.51	5541.34	-3627.10	1691062.41	418943.91	39°38'42.2298"N	80°35'49.6007"W	6622.86	326.793	0.51	0.19	-0.47
14295.00	89.710	329.110	7628.80	6715.50	5622.98	-3675.67	1691013.84	419025.55	39°38'43.0308"N	80°35'50.2344"W	6717.77	326.828	0.54	-0.45	-0.29
14390.00	89.530	329.770	7629.43	6810.47	5704.78	-3723.97	1690965.55	419107.34	39°38'43.8334"N	80°35'50.8645"W	6812.67	326.864	0.72	-0.19	0.69
14485.00	89.930	329.270	7629.88	6905.45	5786.65	-3772.16	1690917.36	419189.21	39°38'44.6366"N	80°35'51.4933"W	6907.57	326.901	0.67	0.42	-0.53
14580.00	89.680	329.850	7630.20	7000.43	5868.56	-3820.29	1690869.24	419271.11	39°38'45.4402"N	80°35'52.1213"W	7002.47	326.937	0.66	-0.26	0.61
14675.00	90.330	329.970	7630.19	7095.39	5950.76	-3867.92	1690821.61	419353.30	39°38'46.2468"N	80°35'52.7429"W	7097.34	326.977	0.70	0.68	0.13
14769.00	89.890	329.830	7630.01	7189.36	6032.08	-3915.06	1690774.47	419434.62	39°38'47.0447"N	80°35'53.3582"W	7191.22	327.015	0.49	-0.47	-0.15
14865.00	89.590	329.630	7630.45	7285.33	6114.99	-3963.45	1690726.08	419517.52	39°38'47.8582"N	80°35'53.9898"W	7287.11	327.051	0.38	-0.31	-0.21
14959.00	89.520	329.440	7631.18	7379.30	6196.01	-4011.11	1690678.43	419598.54	39°38'48.6532"N	80°35'54.6116"W	7381.02	327.082	0.22	-0.07	-0.20
15054.00	89.650	329.790	7631.87	7474.27	6277.96	-4059.16	1690630.38	419680.48	39°38'49.4572"N	80°35'55.2386"W	7475.93	327.114	0.39	0.14	0.37
15149.00	89.770	330.080	7632.35	7569.24	6360.18	-4106.75	1690582.79	419762.70	39°38'50.2639"N	80°35'55.8599"W	7570.81	327.150	0.33	0.13	0.31
15245.00	89.990	329.930	7632.55	7665.19	6443.32	-4154.74	1690534.80	419845.83	39°38'51.0798"N	80°35'56.4864"W	7666.70	327.186	0.28	0.23	-0.16
15340.00	89.740	328.720	7632.77	7760.18	6525.02	-4203.21	1690486.34	419927.53	39°38'51.8814"N	80°35'57.1187"W	7761.63	327.212	1.30	-0.26	-1.27
15435.00	89.800	328.580	7633.16	7855.17	6606.15	-4252.63	1690436.92	420008.66	39°38'52.6772"N	80°35'57.7631"W	7856.60	327.229	0.16	0.06	-0.15
15530.00	89.770	329.990	7633.51	7950.16	6687.82	-4301.15	1690388.40	420090.32	39°38'53.4784"N	80°35'58.3962"W	7951.54	327.254	1.48	-0.03	1.48
15625.00	90.140	330.590	7633.59	8045.10	6770.33	-4348.24	1690341.32	420172.83	39°38'54.2881"N	80°35'59.0109"W	8046.40	327.289	0.74	0.39	0.63
15720.00	90.230	330.600	7633.28	8140.03	6853.10	-4394.88	1690294.68	420255.59	39°38'55.1003"N	80°35'59.6201"W	8141.25	327.328	0.10	0.09	0.01
15815.00	89.860	330.320	7633.21	8234.96	6935.75	-4441.72	1690247.84	420338.23	39°38'55.9114"N	80°36'0.2318"W	8236.11	327.364	0.49	-0.39	-0.29
15910.00	89.990	330.430	7633.33	8329.90	7018.33	-4488.68	1690200.89	420420.81	39°38'56.7219"N	80°36'0.8450"W	8330.98	327.398	0.18	0.14	0.12
16005.00	89.710	330.010	7633.58	8424.85	7100.78	-4535.86	1690153.71	420503.26	39°38'57.5310"N	80°36'1.4611"W	8425.86	327.430	0.53	-0.29	-0.44
16100.00	90.080	330.900	7633.75	8519.78	7183.43	-4582.71	1690106.86	420585.90	39°38'58.3420"N	80°36'2.0728"W	8520.73	327.464	1.01	0.39	0.94
16195.00	89.950	330.400	7633.73	8614.70	7266.23	-4629.27	1690060.30	420668.70	39°38'59.1547"N	80°36'2.6810"W	8615.58	327.499	0.54	-0.14	-0.53



Actual Wellpath Report

Cash 1H AWB Proj: 20303'

Page 8 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Cash 1H
Field	Wetzel	API	47-103-03398-0000
Facility	Cash Pad	Wellbore	Cash 1H AWB
Slot	Slot 01		

WELLPATH DATA (224 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]
16290.00	89.950	330.500	7633.81	8709.63	7348.88	-4676.12	1690013.45	420751.34	39°38'59.9658"N	80°36'3.2929"W	8710.46	327.531	0.11	0.00	0.11
16385.00	89.890	330.520	7633.94	8804.56	7431.57	-4722.89	1689966.69	420834.02	39°39'0.7773"N	80°36'3.9037"W	8805.33	327.563	0.07	-0.06	0.02
16480.00	89.920	329.860	7634.10	8899.51	7514.00	-4770.11	1689919.47	420916.45	39°39'1.5862"N	80°36'4.5203"W	8900.23	327.591	0.70	0.03	-0.69
16575.00	89.860	330.220	7634.28	8994.47	7596.30	-4817.56	1689872.03	420998.75	39°39'2.3938"N	80°36'5.1397"W	8995.15	327.617	0.38	-0.06	0.38
16670.00	90.020	330.540	7634.38	9089.41	7678.89	-4864.51	1689825.08	421081.33	39°39'3.2042"N	80°36'5.7529"W	9090.04	327.646	0.38	0.17	0.34
16765.00	89.920	330.460	7634.43	9184.34	7761.57	-4911.29	1689778.30	421164.01	39°39'4.0157"N	80°36'6.3638"W	9184.92	327.676	0.13	-0.11	-0.08
16859.00	89.890	330.290	7634.59	9278.28	7843.28	-4957.76	1689731.84	421245.71	39°39'4.8175"N	80°36'6.9707"W	9278.82	327.703	0.18	-0.03	-0.18
16954.00	89.830	330.500	7634.82	9373.22	7925.88	-5004.69	1689684.91	421328.31	39°39'5.6281"N	80°36'7.5836"W	9373.71	327.730	0.23	-0.06	0.22
17049.00	89.830	330.140	7635.10	9468.16	8008.42	-5051.73	1689637.87	421410.84	39°39'6.4381"N	80°36'8.1978"W	9468.62	327.756	0.38	0.00	-0.38
17144.00	89.770	330.200	7635.43	9563.11	8090.83	-5098.98	1689590.62	421493.24	39°39'7.2468"N	80°36'8.8149"W	9563.53	327.780	0.09	-0.06	0.06
17239.00	89.950	330.320	7635.67	9658.05	8173.32	-5146.11	1689543.50	421575.73	39°39'8.0562"N	80°36'9.4303"W	9658.44	327.805	0.23	0.19	0.13
17335.00	89.890	330.200	7635.80	9754.00	8256.67	-5193.73	1689495.88	421659.08	39°39'8.8742"N	80°36'10.0521"W	9754.36	327.829	0.14	-0.06	-0.12
17429.00	89.860	330.000	7636.00	9847.95	8338.16	-5240.59	1689449.02	421740.56	39°39'9.6738"N	80°36'10.6639"W	9848.28	327.850	0.22	-0.03	-0.21
17524.00	89.770	330.070	7636.31	9942.91	8420.46	-5288.04	1689401.58	421822.85	39°39'10.4814"N	80°36'11.2834"W	9943.21	327.871	0.12	-0.09	0.07
17619.00	89.800	330.220	7636.67	10037.86	8502.85	-5335.33	1689354.29	421905.24	39°39'11.2898"N	80°36'11.9009"W	10038.14	327.893	0.16	0.03	0.16
17714.00	89.830	329.760	7636.97	10132.82	8585.12	-5382.84	1689306.78	421987.50	39°39'12.0970"N	80°36'12.5213"W	10133.08	327.912	0.49	0.03	-0.48
17809.00	89.490	330.210	7637.54	10227.78	8667.37	-5430.36	1689259.26	422069.75	39°39'12.9042"N	80°36'13.1417"W	10228.01	327.932	0.59	-0.36	0.47
17904.00	89.580	330.150	7638.31	10322.72	8749.79	-5477.60	1689212.02	422152.17	39°39'13.7129"N	80°36'13.7585"W	10322.94	327.952	0.11	0.09	-0.06
17999.00	89.370	330.020	7639.18	10417.67	8832.13	-5524.98	1689164.65	422234.50	39°39'14.5209"N	80°36'14.3771"W	10417.87	327.972	0.26	-0.22	-0.14
18094.00	89.400	330.090	7640.20	10512.63	8914.45	-5572.40	1689117.23	422316.81	39°39'15.3286"N	80°36'14.9963"W	10512.80	327.991	0.08	0.03	0.07
18190.00	89.430	330.140	7641.18	10608.57	8997.68	-5620.23	1689069.41	422400.03	39°39'16.1453"N	80°36'15.6208"W	10608.73	328.010	0.06	0.03	0.05
18285.00	89.430	330.270	7642.12	10703.52	9080.11	-5667.43	1689022.21	422482.47	39°39'16.9542"N	80°36'16.2372"W	10703.65	328.029	0.14	0.00	0.14
18380.00	89.580	330.240	7642.95	10798.46	9162.59	-5714.56	1688975.08	422564.94	39°39'17.7636"N	80°36'16.8527"W	10798.58	328.049	0.16	0.16	-0.03
18475.00	89.640	329.770	7643.59	10893.42	9244.87	-5762.05	1688927.59	422647.21	39°39'18.5709"N	80°36'17.4728"W	10893.52	328.066	0.50	0.06	-0.49
18570.00	90.010	330.560	7643.88	10988.37	9327.28	-5809.32	1688880.33	422729.61	39°39'19.3795"N	80°36'18.0900"W	10988.46	328.084	0.92	0.39	0.83
18666.00	89.920	330.280	7643.94	11084.30	9410.76	-5856.71	1688832.94	422813.10	39°39'20.1988"N	80°36'18.7089"W	11084.38	328.104	0.31	-0.09	-0.29
18760.00	89.890	330.530	7644.10	11178.24	9492.50	-5903.13	1688786.52	422894.83	39°39'21.0009"N	80°36'19.3153"W	11178.30	328.124	0.27	-0.03	0.27
18855.00	89.890	330.230	7644.28	11273.18	9575.08	-5950.08	1688739.57	422977.41	39°39'21.8113"N	80°36'19.9286"W	11273.23	328.143	0.32	0.00	-0.32
18950.00	89.270	330.140	7644.98	11368.12	9657.51	-5997.31	1688692.34	423059.83	39°39'22.6201"N	80°36'20.5454"W	11368.17	328.160	0.66	-0.65	-0.09
19045.00	89.400	330.460	7646.08	11463.06	9740.02	-6044.38	1688645.28	423142.34	39°39'23.4298"N	80°36'21.1601"W	11463.10	328.177	0.36	0.14	0.34



RECEIVED
Office Of Oil and Gas
APR 16 2024

Actual Wellpath Report

Cash 1H AWB Proj: 20303'
Page 9 of 11



WV Department of
Environmental Protection

REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Cash 1H
Field	Wetzel	API	47-103-03398-0000
Facility	Cash Pad	Wellbore	Cash 1H AWB
Slot	Slot 01		

WELLPATH DATA (224 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]
19139.00	89.240	330.530	7647.19	11556.99	9821.83	-6090.67	1688598.99	423224.13	39°39'24.2326"N	80°36'21.7648"W	11557.01	328.196	0.19	-0.17	0.07
19234.00	89.460	330.490	7648.27	11651.91	9904.51	-6137.43	1688552.23	423306.82	39°39'25.0440"N	80°36'22.3756"W	11651.93	328.215	0.24	0.23	-0.04
19330.00	89.890	330.160	7648.82	11747.85	9987.92	-6184.96	1688504.71	423390.22	39°39'25.8625"N	80°36'22.9964"W	11747.86	328.232	0.56	0.45	-0.34
19424.00	89.920	330.610	7648.97	11841.79	10069.64	-6231.41	1688458.26	423471.93	39°39'26.6644"N	80°36'23.6031"W	11841.80	328.249	0.48	0.03	0.48
19520.00	89.800	330.360	7649.21	11937.72	10153.18	-6278.71	1688410.97	423555.47	39°39'27.4843"N	80°36'24.2209"W	11937.72	328.267	0.29	-0.13	-0.26
19615.00	89.760	329.650	7649.57	12032.68	10235.46	-6326.20	1688363.48	423637.74	39°39'28.2916"N	80°36'24.8410"W	12032.68	328.281	0.75	-0.04	-0.75
19709.00	89.730	329.650	7649.99	12126.65	10316.57	-6373.70	1688315.99	423718.85	39°39'29.0874"N	80°36'25.4610"W	12126.65	328.292	0.03	-0.03	0.00
19804.00	89.920	329.880	7650.28	12221.62	10398.65	-6421.53	1688268.15	423800.92	39°39'29.8927"N	80°36'26.0855"W	12221.62	328.303	0.31	0.20	0.24
19899.00	89.730	329.700	7650.57	12316.59	10480.75	-6469.33	1688220.35	423883.02	39°39'30.6982"N	80°36'26.7096"W	12316.59	328.315	0.28	-0.20	-0.19
19994.00	89.950	329.770	7650.84	12411.56	10562.80	-6517.21	1688172.48	423965.06	39°39'31.5032"N	80°36'27.3347"W	12411.56	328.326	0.24	0.23	0.07
20089.00	89.890	329.830	7650.97	12506.53	10644.90	-6565.00	1688124.69	424047.16	39°39'32.3088"N	80°36'27.9586"W	12506.53	328.337	0.09	-0.06	0.06
20184.00	89.890	329.780	7651.15	12601.49	10727.01	-6612.78	1688076.92	424129.27	39°39'33.1144"N	80°36'28.5824"W	12601.50	328.348	0.05	0.00	-0.05
20278.00	89.920	329.670	7651.31	12695.47	10808.19	-6660.17	1688029.53	424210.44	39°39'33.9109"N	80°36'29.2011"W	12695.47	328.358	0.12	0.03	-0.12
20303.00‡	89.920	329.670	7651.34	12720.46	10829.77	-6672.79	1688016.90	424232.02	39°39'34.1226"N	80°36'29.3659"W	12720.46	328.361	0.00	0.00	0.00

HOLE & CASING SECTIONS - Ref Wellbore: Cash 1H AWB Ref Wellpath: Cash 1H AWB Proj: 20303'

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
17.5in Open Hole	28.00	1351.00	1323.00	28.00	1350.98	0.00	0.00	2.04	3.37
13.375in Casing Intermediate	28.00	1351.00	1323.00	28.00	1350.98	0.00	0.00	2.04	3.37
12.25in Open Hole	1351.00	2786.00	1435.00	1350.98	2785.68	2.04	3.37	-10.72	-11.09
9.625in Casing Intermediate	28.00	2786.00	2758.00	28.00	2785.68	0.00	0.00	-10.72	-11.09
8.75in Open Hole	2786.00	6925.00	4139.00	2785.68	6905.93	-10.72	-11.09	-368.36	-126.78
8.5in Open Hole	6925.00	20303.00	13378.00	6905.93	7651.34	-368.36	-126.78	10829.77	-6672.79
5.5in Casing Production	28.00	20273.00	20245.00	28.00	7651.30	0.00	0.00	10803.88	-6657.64



Actual Wellpath Report

Cash 1H AWB Proj: 20303'

Page 10 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	Cash 1H
Field	Wetzel	API	47-103-03398-0000
Facility	Cash Pad	Wellbore	Cash 1H AWB
Slot	Slot 01		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Cash 1H BHL Rev-1	7578.00	10825.34	-6681.29	1688008.41	424227.58	39°39'34.0777"N	80°36'29.4738"W	point
Cash 1H LP Rev-1	7578.00	169.78	-492.68	1694196.64	413572.68	39°37'49.5223"N	80°35'8.7054"W	point
Cash Hardline 1(8-24-2023)	9116.00	10925.81	-6508.35	1688181.33	424328.05	39°39'35.0916"N	80°36'27.2787"W	polygon
	2D Polygon: dimensions not calculated							
Cash Hardline 2(8-24-2023)	9116.00	11227.12	-5989.49	1688700.17	424629.34	39°39'38.1325"N	80°36'20.6923"W	polygon
	2D Polygon: dimensions not calculated							
Cash Hardline 3(8-24-2023)	9116.00	11729.35	-5124.74	1689564.86	425131.54	39°39'43.2007"N	80°36'9.7151"W	polygon
	2D Polygon: dimensions not calculated							
Cash Hardline 4(8-24-2023)	9116.00	12432.45	-3914.08	1690775.45	425834.60	39°39'50.2956"N	80°35'54.3461"W	polygon
	2D Polygon: dimensions not calculated							

WELLPATH COMPOSITION - Ref Wellbore: Cash 1H AWB				Ref Wellpath: Cash 1H AWB Proj: 20303'		Wellbore	Survey Date
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment				
28.00	1303.00	Gyrodata 2015 - CT+WIR+DPIPE	01	Gyrodata Cont Gyro <17-1/2">(115'-1303')	Cash 1H AWB	8/31/2023	
1303.00	2728.00	OWSG MWD rev2 + HRGM	02	SDI MWD <12-1/4">(1303')(1432'-2728')	Cash 1H AWB	9/5/2023	
2728.00	6845.00	OWSG MWD rev2 + HRGM	03	SDI MWD <8-3/4">(2786')(2815'-6845')	Cash 1H AWB	8/31/2023	
6845.00	20303.00	OWSG MWD rev2 + IFR1 + Sag + Multi-Station Correction	04	BH Lucida+SQC IFR1+SAG+FDIR <8-1/2">(6845')(6974'-20278')	Cash 1H AWB	9/4/2023	

RECEIVED
Office Of Oil and Gas

APR 16 2024

WV Department of
Environmental Protection



Actual Wellpath Report

Cash 1H AWB Proj: 20303'

Page 11 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	Cash 1H
Field	Wetzel	API	47-103-03398-0000
Facility	Cash Pad	Wellbore	Cash 1H AWB
Slot	Slot 01		

COMMENTS

Wellpath general comments

API: 47-103-03398-0000

BH Job #: 111957729

Rig: Patterson 292

Duration: 9/8/2023-9/10/2023

01_Gyrodata Cont Gyro <17-1/2">(115'-1303')

02_SDI MWD <12-1/4">(1303')(1432'-2728')

03_SDI MWD <8-3/4">(2786')(2815'-6845')

04_BH Lucida+SQC IFR1+SAG+FDIR <8-1/2">(6845')(6974'-20278')

Landing Pt. @ 8019' MD

Final Survey @ 20278' MD

Projected MD at TD: 20303'

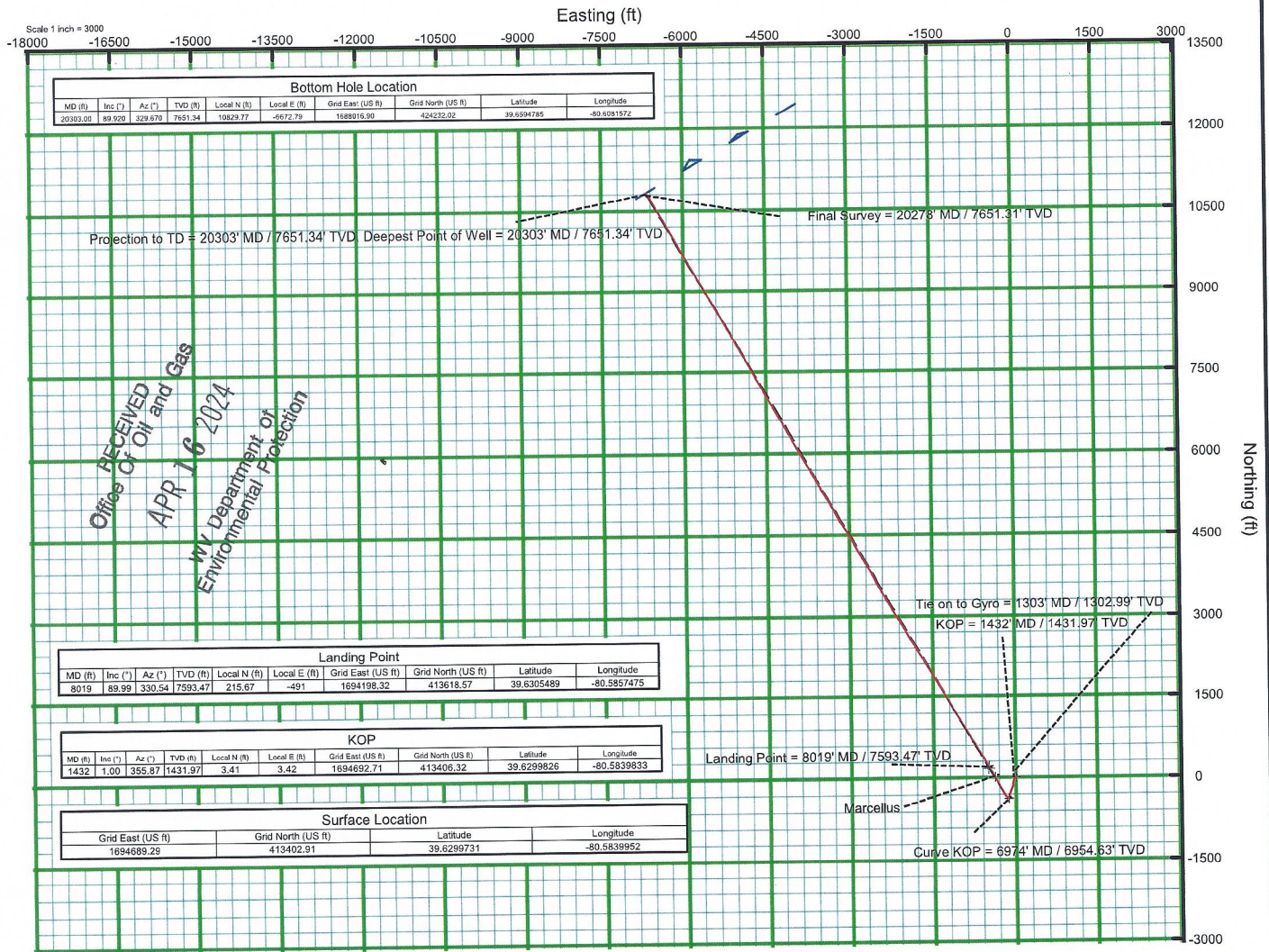
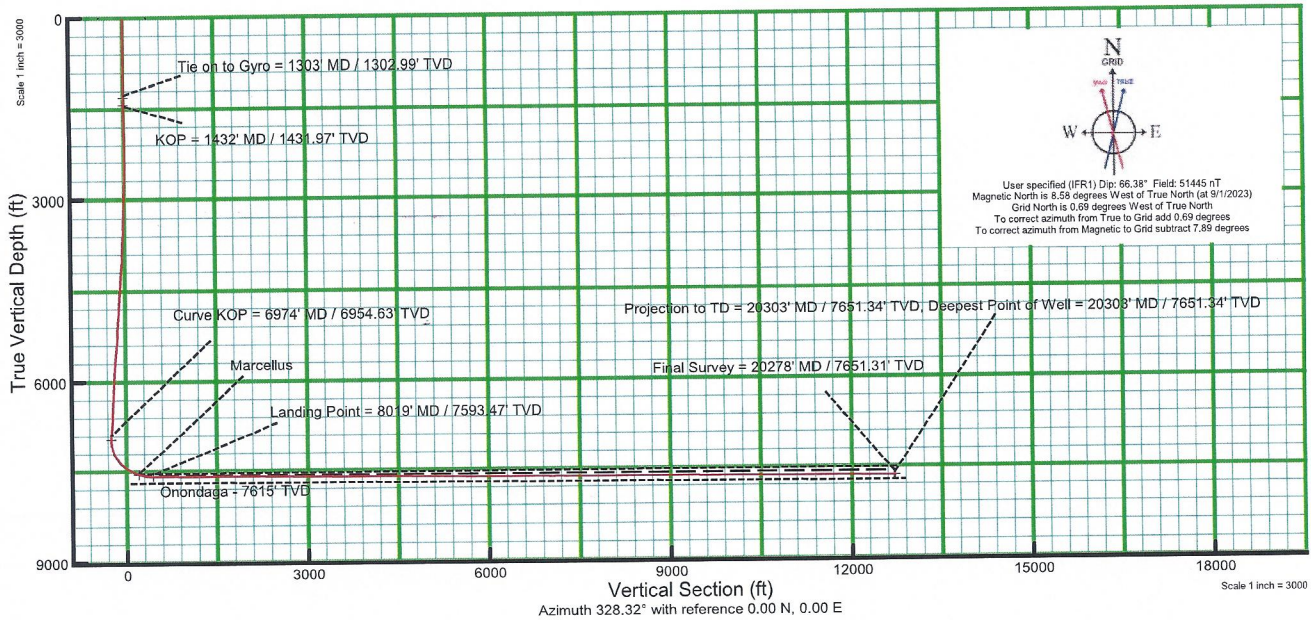
RECEIVED
Office Of Oil and Gas

APR 16 2024

WV Department of
Environmental Protection



KB Elevation=1516 FT
 Ground Elevation=1488 FT
 All Survey Measurements were taken from KB Elevation



07/19/2024