



Where energy meets innovation.

Actual Wellpath Report

OXF43 30H (516238) AWP Proj: 13117'
Page 1 of 10



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 30H (516238)
Field	Doddridge	API	47-017-06746-00-00
Facility	OXF43 Pad	Wellbore	OXF43 30H (516238) AWB
Slot	Slot #30		

REPORT SETUP INFORMATION			
Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Hilpthop
Scale	0.999974	Report Generated	17/Aug/2020 at 09:44
Convergence at slot	0.82° 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	-20.04	22.31	1633402.14	241902.39	39°09'24.9193"N	80°47'34.0929"W
Facility Reference Pt			1633379.83	241922.43	39°09'25.1141"N	80°47'34.3798"W
Field Reference Pt			0.00	0.00	38°17'12.4599"N	86°28'23.0771"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Patterson 277 (RKB) to Facility Vertical Datum	1257.00ft
Horizontal Reference Pt	Slot	Patterson 277 (RKB) to Mean Sea Level	1257.00ft
Vertical Reference Pt	Patterson 277 (RKB)	Patterson 277 (RKB) to Ground Level at Slot (Slot #30)	28.00ft
MD Reference Pt	Patterson 277 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	12.40°



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Page 2 of 10



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WELLPATH DATA (142 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	121.730	0.00	0.00	0.00	0.00	1633402.14	241902.39	39°09'24.9193"N	80°47'34.0929"W	0.00	0.000	0.00	0.00	0.00
28.00	0.000	121.730	28.00	0.00	0.00	0.00	1633402.14	241902.39	39°09'24.9193"N	80°47'34.0929"W	0.00	0.000	0.00	0.00	0.00
115.00	0.060	121.730	115.00	-0.02	-0.02	0.04	1633402.18	241902.37	39°09'24.9190"N	80°47'34.0924"W	0.05	121.730	0.07	0.07	0.00
215.00	0.050	157.570	215.00	-0.07	-0.09	0.10	1633402.24	241902.30	39°09'24.9184"N	80°47'34.0917"W	0.14	132.581	0.04	-0.01	35.84
315.00	0.050	202.630	315.00	-0.15	-0.17	0.10	1633402.24	241902.22	39°09'24.9176"N	80°47'34.0916"W	0.20	149.942	0.04	0.00	45.06
415.00	0.040	82.660	415.00	-0.18	-0.21	0.12	1633402.26	241902.18	39°09'24.9172"N	80°47'34.0914"W	0.24	150.542	0.08	-0.01	-119.97
515.00	0.060	69.640	515.00	-0.14	-0.19	0.20	1633402.34	241902.20	39°09'24.9175"N	80°47'34.0904"W	0.27	132.668	0.02	0.02	-13.02
585.00	0.130	133.350	585.00	-0.16	-0.23	0.29	1633402.43	241902.16	39°09'24.9171"N	80°47'34.0892"W	0.37	127.766	0.17	0.10	91.01
646.00	0.080	115.100	646.00	-0.20	-0.29	0.38	1633402.52	241902.10	39°09'24.9164"N	80°47'34.0880"W	0.48	127.456	0.10	-0.08	-29.92
742.00	0.830	2.660	742.00	0.47	0.37	0.48	1633402.62	241902.76	39°09'24.9230"N	80°47'34.0870"W	0.60	51.857	0.90	0.78	-117.13
837.00	1.460	351.760	836.98	2.28	2.26	0.33	1633402.47	241904.65	39°09'24.9416"N	80°47'34.0891"W	2.28	8.407	0.70	0.66	-11.47
932.00	0.570	26.220	931.96	3.87	3.88	0.37	1633402.51	241906.27	39°09'24.9577"N	80°47'34.0890"W	3.90	5.434	1.10	-0.94	36.27
1027.00	0.650	86.270	1026.96	4.48	4.34	1.12	1633403.26	241906.73	39°09'24.9623"N	80°47'34.0796"W	4.48	14.419	0.65	0.08	63.21
1122.00	1.330	65.560	1121.94	5.29	4.83	2.66	1633404.80	241907.22	39°09'24.9674"N	80°47'34.0601"W	5.51	28.814	0.80	0.72	-21.80
1217.00	2.770	63.410	1216.88	7.39	6.31	5.71	1633407.85	241908.70	39°09'24.9825"N	80°47'34.0216"W	8.52	42.143	1.52	1.52	-2.26
1313.00	4.410	62.970	1312.69	11.20	9.03	11.08	1633413.22	241911.42	39°09'25.0101"N	80°47'33.9540"W	14.29	50.811	1.71	1.71	-0.46
1408.00	5.890	66.820	1407.30	16.35	12.61	18.81	1633420.95	241915.00	39°09'25.0465"N	80°47'33.8565"W	22.65	56.167	1.60	1.56	4.05
1503.00	8.420	72.230	1501.56	22.69	16.65	29.92	1633432.06	241919.04	39°09'25.0881"N	80°47'33.7162"W	34.24	60.902	2.75	2.66	5.69
1598.00	10.440	80.590	1595.27	29.38	20.18	45.03	1633447.17	241922.57	39°09'25.1251"N	80°47'33.5250"W	49.35	65.861	2.56	2.13	8.80
1693.00	12.170	85.890	1688.43	35.43	22.31	63.52	1633465.65	241924.70	39°09'25.1487"N	80°47'33.2908"W	67.32	70.649	2.12	1.82	5.58
1788.00	13.900	86.510	1780.98	41.40	23.72	84.89	1633487.03	241926.11	39°09'25.1657"N	80°47'33.0197"W	88.15	74.390	1.83	1.82	0.65
1884.00	15.370	81.200	1873.86	49.15	26.37	108.98	1633511.12	241928.76	39°09'25.1953"N	80°47'32.7145"W	112.12	76.399	2.07	1.53	-5.53
1979.00	16.310	75.780	1965.26	59.68	31.57	134.35	1633536.49	241933.96	39°09'25.2504"N	80°47'32.3933"W	138.01	76.776	1.84	0.99	-5.71
2074.00	16.910	75.280	2056.30	71.96	38.36	160.65	1633562.78	241940.75	39°09'25.3212"N	80°47'32.0608"W	165.16	76.571	0.65	0.63	-0.53
2169.00	16.830	74.740	2147.21	84.64	45.49	187.28	1633589.41	241947.88	39°09'25.3955"N	80°47'31.7241"W	192.72	76.348	0.19	-0.08	-0.57
2264.00	16.790	72.910	2238.15	97.78	53.14	213.66	1633615.80	241955.53	39°09'25.4748"N	80°47'31.3906"W	220.17	76.033	0.56	-0.04	-1.93
2360.00	16.750	75.530	2330.07	110.86	60.67	240.31	1633642.44	241963.06	39°09'25.5530"N	80°47'31.0537"W	247.85	75.830	0.79	-0.04	2.73
2455.00	16.520	74.240	2421.09	123.42	67.76	266.56	1633668.70	241970.15	39°09'25.6268"N	80°47'30.7217"W	275.04	75.737	0.46	-0.24	-1.36
2550.00	16.170	72.280	2512.25	136.43	75.46	292.16	1633694.30	241977.84	39°09'25.7065"N	80°47'30.3982"W	301.75	75.519	0.69	-0.37	-2.06
2646.00	15.740	70.940	2604.55	149.94	83.78	317.20	1633719.34	241986.16	39°09'25.7923"N	80°47'30.0819"W	328.08	75.205	0.59	-0.45	-1.40



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Page 3 of 10



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Facility	OXF43 Pad	Wellbore	OXF43 30H (516238) AWB
Slot	Slot #30		

WELLPATH DATA (142 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]
2741.00	15.220	69.390	2696.11	163.46	92.37	341.06	1633743.19	241994.76	39°09'25.8807"N	80°47'29.7807"W	353.34	74.845	0.70	-0.55	-1.63
2836.00	15.140	69.830	2787.79	176.93	101.04	364.37	1633766.50	242003.43	39°09'25.9696"N	80°47'29.4863"W	378.12	74.501	0.15	-0.08	0.46
2932.00	15.800	69.990	2880.31	190.68	109.84	388.42	1633790.55	242012.22	39°09'26.0600"N	80°47'29.1827"W	403.65	74.210	0.69	0.69	0.17
3027.00	16.280	72.920	2971.62	204.17	118.17	413.30	1633815.43	242020.56	39°09'26.1459"N	80°47'28.8683"W	429.87	74.044	0.99	0.51	3.08
3122.00	16.200	70.720	3062.83	217.68	126.46	438.54	1633840.67	242028.85	39°09'26.2314"N	80°47'28.5495"W	456.41	73.914	0.65	-0.08	-2.32
3217.00	16.040	71.860	3154.09	231.31	134.92	463.52	1633865.65	242037.31	39°09'26.3186"N	80°47'28.2340"W	482.76	73.771	0.37	-0.17	1.20
3312.00	16.150	74.530	3245.37	244.15	142.53	488.73	1633890.85	242044.92	39°09'26.3974"N	80°47'27.9154"W	509.09	73.741	0.79	0.12	2.81
3408.00	16.080	76.570	3337.60	256.19	149.18	514.53	1633916.65	242051.57	39°09'26.4667"N	80°47'27.5891"W	535.72	73.831	0.59	-0.07	2.13
3503.00	15.910	76.080	3428.92	267.69	155.37	539.96	1633942.09	242057.76	39°09'26.5315"N	80°47'27.2674"W	561.87	73.947	0.23	-0.18	-0.52
3598.00	15.500	74.150	3520.37	279.48	161.97	564.81	1633966.94	242064.35	39°09'26.6003"N	80°47'26.9532"W	587.58	73.999	0.70	-0.43	-2.03
3693.00	15.210	72.190	3611.98	291.75	169.25	588.89	1633991.01	242071.63	39°09'26.6756"N	80°47'26.6489"W	612.73	73.965	0.63	-0.31	-2.06
3791.00	15.260	73.290	3706.54	304.50	176.89	613.48	1634015.60	242079.27	39°09'26.7546"N	80°47'26.3381"W	638.47	73.916	0.30	0.05	1.12
3886.00	15.080	72.830	3798.23	316.68	184.13	637.26	1634039.38	242086.52	39°09'26.8296"N	80°47'26.0376"W	663.33	73.884	0.23	-0.19	-0.48
3982.00	15.340	72.630	3890.87	329.15	191.61	661.31	1634063.43	242093.99	39°09'26.9069"N	80°47'25.7337"W	688.51	73.842	0.28	0.27	-0.21
4077.00	15.620	74.520	3982.42	341.37	198.77	685.63	1634087.75	242101.16	39°09'26.9811"N	80°47'25.4263"W	713.86	73.832	0.61	0.29	1.99
4172.00	15.910	76.310	4073.85	353.07	205.27	710.61	1634112.73	242107.65	39°09'27.0489"N	80°47'25.1104"W	739.66	73.888	0.60	0.31	1.88
4268.00	16.210	76.670	4166.10	364.68	211.47	736.43	1634138.55	242113.86	39°09'27.1139"N	80°47'24.7838"W	766.19	73.978	0.33	0.31	0.37
4364.00	16.460	76.330	4258.23	376.47	217.78	762.69	1634164.80	242120.16	39°09'27.1799"N	80°47'24.4517"W	793.17	74.064	0.28	0.26	-0.35
4459.00	15.850	73.520	4349.48	388.65	224.64	788.20	1634190.32	242127.02	39°09'27.2513"N	80°47'24.1290"W	819.59	74.093	1.04	-0.64	-2.96
4555.00	15.850	73.340	4441.83	401.35	232.11	813.33	1634215.45	242134.50	39°09'27.3288"N	80°47'23.8114"W	845.81	74.072	0.05	0.00	-0.19
4650.00	16.520	73.540	4533.06	414.17	239.66	838.72	1634240.83	242142.04	39°09'27.4070"N	80°47'23.4906"W	872.29	74.053	0.71	0.71	0.21
4746.00	16.420	75.990	4625.12	426.80	246.81	864.97	1634267.09	242149.20	39°09'27.4814"N	80°47'23.1586"W	899.50	74.074	0.73	-0.10	2.55
4841.00	15.310	74.980	4716.50	438.54	253.31	890.11	1634292.23	242155.70	39°09'27.5492"N	80°47'22.8407"W	925.46	74.114	1.20	-1.17	-1.06
4936.00	15.410	72.620	4808.11	450.59	260.33	914.27	1634316.39	242162.72	39°09'27.6220"N	80°47'22.5353"W	950.62	74.106	0.67	0.11	-2.48
5032.00	15.700	74.010	4900.59	463.10	267.72	938.93	1634341.05	242170.11	39°09'27.6985"N	80°47'22.2236"W	976.35	74.085	0.49	0.30	1.45
5127.00	15.900	75.050	4992.00	475.19	274.62	963.86	1634365.97	242177.00	39°09'27.7702"N	80°47'21.9084"W	1002.22	74.097	0.36	0.21	1.09
5222.00	16.490	74.610	5083.23	487.45	281.56	989.43	1634391.55	242183.94	39°09'27.8424"N	80°47'21.5851"W	1028.71	74.116	0.63	0.62	-0.46
5318.00	16.570	75.700	5175.27	499.96	288.55	1015.83	1634417.95	242190.93	39°09'27.9153"N	80°47'21.2513"W	1056.02	74.143	0.33	0.08	1.14
5413.00	15.690	75.910	5266.53	511.77	295.03	1041.42	1634443.53	242197.41	39°09'27.9829"N	80°47'20.9277"W	1082.40	74.183	0.93	-0.93	0.22
5429.00	15.610	74.890	5281.93	513.73	296.11	1045.60	1634447.71	242198.50	39°09'27.9942"N	80°47'20.8749"W	1086.72	74.188	1.79	-0.50	-6.38



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Page 4 of 10



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5500.00	15.010	73.310	5350.41	522.62	301.24	1063.63	1634465.74	242203.63	39°09'28.0475"N	80°47'20.6469"W	1105.46	74.187	1.03	-0.85	-2.23
5561.00	15.850	73.300	5409.21	530.51	305.91	1079.17	1634481.28	242208.29	39°09'28.0958"N	80°47'20.4505"W	1121.69	74.174	1.38	1.38	-0.02
5657.00	20.760	77.750	5500.33	543.99	313.29	1108.37	1634510.48	242215.67	39°09'28.1729"N	80°47'20.0811"W	1151.80	74.217	5.31	5.11	4.64
5752.00	26.960	74.140	5587.18	561.22	322.76	1145.58	1634547.69	242225.14	39°09'28.2717"N	80°47'19.6106"W	1190.18	74.265	6.70	6.53	-3.80
5847.00	33.440	71.690	5669.24	584.81	336.88	1191.20	1634593.30	242239.26	39°09'28.4178"N	80°47'19.0341"W	1237.92	74.209	6.94	6.82	-2.58
5943.00	41.700	68.340	5745.27	616.26	357.01	1246.09	1634648.19	242259.39	39°09'28.6245"N	80°47'18.3410"W	1296.22	74.013	8.86	8.60	-3.49
6038.00	47.000	67.490	5813.18	653.87	381.99	1307.59	1634709.69	242284.37	39°09'28.8801"N	80°47'17.5649"W	1362.24	73.715	5.61	5.58	-0.89
6133.00	53.100	68.440	5874.16	695.01	409.28	1375.07	1634777.18	242311.66	39°09'29.1593"N	80°47'16.7132"W	1434.69	73.425	6.47	6.42	1.00
6228.00	61.310	69.470	5925.57	738.95	437.90	1449.55	1634851.65	242340.28	39°09'29.4528"N	80°47'15.7731"W	1514.25	73.191	8.69	8.64	1.08
6323.00	66.720	72.430	5967.18	783.44	465.71	1530.25	1634932.34	242368.09	39°09'29.7390"N	80°47'14.7538"W	1599.54	73.073	6.35	5.69	3.12
6419.00	70.130	76.920	6002.50	824.92	489.25	1616.32	1635018.41	242391.63	39°09'29.9839"N	80°47'13.6656"W	1688.74	73.159	5.61	3.55	4.68
6514.00	70.030	74.700	6034.87	864.89	511.15	1702.90	1635104.99	242413.52	39°09'30.2125"N	80°47'12.5705"W	1777.96	73.292	2.20	-0.11	-2.34
6609.00	69.940	74.640	6067.38	906.43	534.74	1788.99	1635191.08	242437.12	39°09'30.4579"N	80°47'11.4821"W	1867.20	73.358	0.11	-0.09	-0.06
6705.00	69.600	75.210	6100.58	947.99	558.17	1875.96	1635278.05	242460.55	39°09'30.7018"N	80°47'10.3823"W	1957.24	73.430	0.66	-0.35	0.59
6800.00	69.770	75.240	6133.56	988.68	580.89	1962.11	1635364.19	242483.27	39°09'30.9385"N	80°47'9.2929"W	2046.29	73.508	0.18	0.18	0.03
6896.00	69.900	73.160	6166.66	1031.26	605.43	2048.81	1635450.90	242507.80	39°09'31.1933"N	80°47'8.1968"W	2136.39	73.537	2.04	0.14	-2.17
6991.00	70.030	66.900	6199.23	1079.01	635.89	2132.65	1635534.73	242538.27	39°09'31.5062"N	80°47'7.1382"W	2225.43	73.397	6.19	0.14	-6.59
7086.00	70.690	64.000	6231.17	1132.79	673.07	2214.02	1635616.10	242575.44	39°09'31.8851"N	80°47'6.1120"W	2314.06	73.091	2.96	0.69	-3.05
7181.00	70.550	63.000	6262.69	1189.07	713.05	2294.22	1635696.29	242615.42	39°09'32.2916"N	80°47'5.1013"W	2402.47	72.735	1.00	-0.15	-1.05
7274.00	70.490	63.890	6293.71	1244.19	752.25	2372.64	1635774.72	242654.62	39°09'32.6901"N	80°47'4.1129"W	2489.04	72.409	0.90	-0.06	0.96
7369.00	70.520	65.030	6325.41	1299.25	790.86	2453.45	1635855.52	242693.23	39°09'33.0831"N	80°47'3.0942"W	2577.76	72.133	1.13	0.03	1.20
7465.00	70.710	65.460	6357.28	1353.95	828.78	2535.68	1635937.75	242731.15	39°09'33.4694"N	80°47'2.0572"W	2667.69	71.900	0.47	0.20	0.45
7560.00	69.960	65.210	6389.24	1407.86	866.11	2616.98	1636019.05	242768.48	39°09'33.8499"N	80°47'1.0320"W	2756.58	71.688	0.83	-0.79	-0.26
7656.00	70.070	65.240	6422.06	1462.38	903.92	2698.89	1636100.96	242806.28	39°09'34.2351"N	80°46'59.9991"W	2846.24	71.483	0.12	0.11	0.03
7751.00	70.030	59.510	6454.49	1519.78	945.30	2777.97	1636180.03	242847.67	39°09'34.6552"N	80°46'59.0028"W	2934.40	71.207	5.67	-0.04	-6.03
7846.00	69.990	49.930	6487.04	1585.69	996.79	2850.75	1636252.81	242899.15	39°09'35.1744"N	80°46'58.0883"W	3019.99	70.727	9.48	-0.04	-10.08
7941.00	70.060	42.770	6519.53	1659.70	1058.37	2915.30	1636317.36	242960.73	39°09'35.7921"N	80°46'57.2801"W	3101.47	70.047	7.08	0.07	-7.54
8037.00	72.920	36.790	6550.03	1740.50	1128.31	2973.48	1636375.53	243030.67	39°09'36.4915"N	80°46'56.5542"W	3180.36	69.220	6.61	2.98	-6.23
8132.00	72.790	28.490	6578.08	1825.59	1204.67	3022.39	1636424.45	243107.03	39°09'37.2531"N	80°46'55.9471"W	3253.63	68.269	8.35	-0.14	-8.74
8228.00	73.110	18.940	6606.28	1915.46	1288.59	3059.25	1636461.30	243190.95	39°09'38.0877"N	80°46'55.4945"W	3319.56	67.159	9.52	0.33	-9.95



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Actual Wellpath Report

OXF43 30H (516238) AWP Proj: 13117'

Page 5 of 10



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 30H (516238)
Field	Doddridge	API	47-017-06746-00-00
Facility	OXF43 Pad	Wellbore	OXF43 30H (516238) AWB
Slot	Slot #30		

WELLPATH DATA (142 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]
8323.00	74.900	10.500	6632.50	2006.61	1376.83	3082.40	1636484.45	243279.18	39°09'38.9630"N	80°46'55.2166"W	3375.92	65.931	8.74	1.88	-8.88
8418.00	73.850	1.180	6658.14	2097.39	1467.73	3091.72	1636493.77	243370.08	39°09'39.8626"N	80°46'55.1148"W	3422.41	64.605	9.51	-1.11	-9.81
8516.00	77.650	354.500	6682.29	2189.24	1562.56	3088.09	1636490.15	243464.91	39°09'40.7994"N	80°46'55.1780"W	3460.91	63.161	7.66	3.88	-6.82
8612.00	81.630	347.460	6699.57	2277.06	1655.74	3073.26	1636475.32	243558.09	39°09'41.7182"N	80°46'55.3831"W	3490.91	61.686	8.32	4.15	-7.33
8707.00	81.910	340.310	6713.18	2359.62	1746.01	3047.18	1636449.24	243648.35	39°09'42.6066"N	80°46'55.7306"W	3511.96	60.188	7.45	0.29	-7.53
8802.00	84.850	336.750	6724.14	2437.94	1833.80	3012.64	1636414.70	243736.14	39°09'43.4693"N	80°46'56.1849"W	3526.87	58.671	4.84	3.09	-3.75
8898.00	88.000	336.290	6730.12	2515.57	1921.67	2974.47	1636376.53	243824.01	39°09'44.3323"N	80°46'56.6854"W	3541.23	57.135	3.32	3.28	-0.48
8993.00	90.680	335.060	6731.22	2591.70	2008.22	2935.35	1636337.41	243910.55	39°09'45.1822"N	80°46'57.1977"W	3556.57	55.622	3.10	2.82	-1.29
9088.00	91.080	335.740	6729.76	2667.56	2094.59	2895.81	1636297.86	243996.92	39°09'46.0302"N	80°46'57.7153"W	3573.93	54.121	0.83	0.42	0.72
9184.00	90.620	335.800	6728.34	2744.59	2182.12	2856.41	1636258.47	244084.45	39°09'46.8897"N	80°46'58.2313"W	3594.54	52.622	0.48	-0.48	0.06
9279.00	92.370	335.550	6725.86	2820.70	2268.65	2817.30	1636219.36	244170.98	39°09'47.7394"N	80°46'58.7435"W	3617.17	51.157	1.86	1.84	-0.26
9374.00	92.190	336.170	6722.08	2896.97	2355.28	2778.47	1636180.54	244257.60	39°09'48.5900"N	80°46'59.2520"W	3642.42	49.712	0.68	-0.19	0.65
9470.00	90.430	337.220	6719.88	2974.90	2443.42	2740.51	1636142.57	244345.74	39°09'49.4557"N	80°46'59.7500"W	3671.60	48.280	2.13	-1.83	1.09
9565.00	90.740	334.960	6718.91	3051.44	2530.25	2702.01	1636104.07	244432.57	39°09'50.3085"N	80°47'0.2545"W	3701.76	46.880	2.40	0.33	-2.38
9660.00	89.820	335.570	6718.45	3127.18	2616.53	2662.26	1636064.32	244518.85	39°09'51.1556"N	80°47'0.7747"W	3732.81	45.496	1.16	-0.97	0.64
9756.00	91.170	335.880	6717.62	3204.17	2704.04	2622.79	1636024.86	244606.36	39°09'52.0148"N	80°47'1.2916"W	3767.08	44.126	1.44	1.41	0.32
9852.00	91.020	336.290	6715.78	3281.51	2791.78	2583.88	1635985.95	244694.09	39°09'52.8765"N	80°47'1.8014"W	3804.01	42.785	0.45	-0.16	0.43
9946.00	90.280	335.630	6714.72	3357.12	2877.62	2545.59	1635947.66	244779.93	39°09'53.7194"N	80°47'2.3031"W	3841.97	41.497	1.05	-0.79	-0.70
10042.00	90.150	335.010	6714.36	3433.71	2964.85	2505.51	1635907.58	244867.16	39°09'54.5759"N	80°47'2.8278"W	3881.74	40.200	0.66	-0.14	-0.65
10137.00	91.290	335.490	6713.16	3509.42	3051.12	2465.74	1635867.81	244953.42	39°09'55.4228"N	80°47'3.3483"W	3922.91	38.943	1.30	1.20	0.51
10232.00	91.420	336.150	6710.92	3585.69	3137.76	2426.84	1635828.91	245040.06	39°09'56.2736"N	80°47'3.8579"W	3966.75	37.719	0.71	0.14	0.69
10327.00	89.750	336.680	6709.95	3662.55	3224.81	2388.83	1635790.91	245127.11	39°09'57.1286"N	80°47'4.3562"W	4013.22	36.530	1.84	-1.76	0.56
10422.00	91.600	334.650	6708.83	3738.68	3311.36	2349.69	1635751.77	245213.66	39°09'57.9784"N	80°47'4.8688"W	4060.32	35.359	2.89	1.95	-2.14
10517.00	91.290	336.580	6706.43	3814.73	3397.85	2310.48	1635712.56	245300.15	39°09'58.8276"N	80°47'5.3822"W	4108.98	34.215	2.06	-0.33	2.03
10613.00	90.580	335.940	6704.87	3892.25	3485.72	2271.84	1635673.92	245388.01	39°09'59.6905"N	80°47'5.8887"W	4160.71	33.095	1.00	-0.74	-0.67
10708.00	90.310	335.210	6704.13	3968.29	3572.21	2232.56	1635634.64	245474.50	39°10'0.5398"N	80°47'6.4031"W	4212.48	32.005	0.82	-0.28	-0.77
10803.00	90.770	335.260	6703.23	4043.99	3658.47	2192.77	1635594.85	245560.76	39°10'1.3866"N	80°47'6.9240"W	4265.28	30.937	0.49	0.48	0.05
10898.00	90.680	335.950	6702.03	4120.06	3744.98	2153.53	1635555.61	245647.27	39°10'2.2361"N	80°47'7.4378"W	4320.02	29.901	0.73	-0.09	0.73
10994.00	92.160	336.860	6699.65	4197.70	3832.93	2115.12	1635517.20	245735.21	39°10'3.0998"N	80°47'7.9414"W	4377.79	28.891	1.81	1.54	0.95
11089.00	92.220	336.730	6696.02	4274.89	3920.18	2077.72	1635479.80	245822.46	39°10'3.9568"N	80°47'8.4321"W	4436.74	27.924	0.15	0.06	-0.14



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Actual Wellpath Report

OXF43 30H (516238) AWP Proj: 13117'
Page 6 of 10



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 30H (516238)
Field	Doddridge	API	47-017-06746-00-00
Facility	OXF43 Pad	Wellbore	OXF43 30H (516238) AWB
Slot	Slot #30		

WELLPATH DATA (142 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]
11184.00	90.060	334.490	6694.13	4350.94	4006.67	2038.50	1635440.58	245908.95	39°10'4.8061"N	80°47'8.9457"W	4495.43	26.966	3.28	-2.27	-2.36
11279.00	92.220	336.370	6692.24	4426.82	4093.04	1999.01	1635401.09	245995.32	39°10'5.6541"N	80°47'9.4627"W	4555.11	26.031	3.01	2.27	1.98
11375.00	90.770	336.750	6689.74	4504.61	4181.09	1960.83	1635362.92	246083.36	39°10'6.5188"N	80°47'9.9634"W	4618.05	25.126	1.56	-1.51	0.40
11470.00	90.680	335.620	6688.53	4581.25	4267.99	1922.48	1635324.56	246170.26	39°10'7.3723"N	80°47'10.4661"W	4680.99	24.249	1.19	-0.09	-1.19
11565.00	91.420	336.090	6686.79	4657.56	4354.66	1883.63	1635285.71	246256.93	39°10'8.2233"N	80°47'10.9751"W	4744.59	23.391	0.92	0.78	0.49
11661.00	91.510	336.280	6684.34	4734.99	4442.46	1844.88	1635246.96	246344.73	39°10'9.0856"N	80°47'11.4830"W	4810.30	22.552	0.22	0.09	0.20
11756.00	89.910	336.110	6683.16	4811.64	4529.37	1806.54	1635208.62	246431.63	39°10'9.9390"N	80°47'11.9856"W	4876.35	21.745	1.69	-1.68	-0.18
11852.00	91.020	335.220	6682.38	4888.57	4616.83	1766.98	1635169.07	246519.10	39°10'10.7978"N	80°47'12.5037"W	4943.42	20.943	1.48	1.16	-0.93
11947.00	91.020	336.310	6680.69	4964.79	4703.45	1727.99	1635130.08	246605.71	39°10'11.6483"N	80°47'13.0144"W	5010.82	20.173	1.15	0.00	1.15
12042.00	89.940	335.590	6679.90	5041.20	4790.20	1689.28	1635091.37	246692.45	39°10'12.5002"N	80°47'13.5217"W	5079.33	19.425	1.37	-1.14	-0.76
12137.00	90.090	335.870	6679.87	5117.40	4876.80	1650.23	1635052.32	246779.05	39°10'13.3505"N	80°47'14.0332"W	5148.44	18.695	0.33	0.16	0.29
12232.00	90.650	336.240	6679.26	5193.91	4963.62	1611.67	1635013.77	246865.87	39°10'14.2031"N	80°47'14.5385"W	5218.72	17.988	0.71	0.59	0.39
12328.00	90.220	335.080	6678.53	5270.84	5051.08	1572.11	1634974.20	246953.33	39°10'15.0619"N	80°47'15.0567"W	5290.08	17.288	1.29	-0.45	-1.21
12423.00	90.580	335.990	6677.87	5346.84	5137.55	1532.77	1634934.86	247039.80	39°10'15.9109"N	80°47'15.5719"W	5361.32	16.612	1.03	0.38	0.96
12519.00	90.740	335.310	6676.76	5423.76	5225.00	1493.19	1634895.29	247127.25	39°10'16.7696"N	80°47'16.0903"W	5434.18	15.949	0.73	0.17	-0.71
12614.00	92.930	336.660	6673.72	5500.16	5311.73	1454.55	1634856.65	247213.97	39°10'17.6212"N	80°47'16.5967"W	5507.28	15.314	2.71	2.31	1.42
12710.00	90.090	336.600	6671.19	5578.02	5399.81	1416.48	1634818.58	247302.05	39°10'18.4863"N	80°47'17.0959"W	5582.51	14.699	2.96	-2.96	-0.06
12805.00	90.590	336.060	6670.62	5654.80	5486.82	1378.35	1634780.45	247389.06	39°10'19.3408"N	80°47'17.5960"W	5657.30	14.101	0.77	0.53	-0.57
12900.00	90.400	336.130	6669.80	5731.36	5573.67	1339.85	1634741.95	247475.90	39°10'20.1937"N	80°47'18.1005"W	5732.45	13.517	0.21	-0.20	0.07
12995.00	91.320	335.600	6668.38	5807.68	5660.35	1301.01	1634703.12	247562.58	39°10'21.0448"N	80°47'18.6094"W	5807.94	12.944	1.12	0.97	-0.56
13090.00	90.800	335.630	6666.62	5883.75	5746.86	1261.80	1634663.90	247649.09	39°10'21.8943"N	80°47'19.1231"W	5883.75	12.384	0.55	-0.55	0.03
13117.00‡	90.800	335.630	6666.24	5905.38	5771.45	1250.66	1634652.76	247673.68	39°10'22.1357"N	80°47'19.2690"W	5905.41	12.227	0.00	0.00	0.00



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Actual Wellpath Report

OXF43 30H (516238) AWP Proj: 13117'

Page 7 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	OXF43 30H (516238)
Field	Doddridge	API	47-017-06746-00-00
Facility	OXF43 Pad	Wellbore	OXF43 30H (516238) AWB
Slot	Slot #30		

HOLE & CASING SECTIONS - Ref Wellbore: OXF43 30H (516238) AWB Ref Wellpath: OXF43 30H (516238) AWP Proj: 13117'

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]
20in Conductor	28.00	68.00	40.00	28.00	68.00	0.00	0.00	-0.01	0.01
17.5in Open Hole	68.00	568.00	500.00	68.00	568.00	-0.01	0.01	-0.20	0.27
13.375in Casing Surface	28.00	568.00	540.00	28.00	568.00	0.00	0.00	-0.20	0.27
12.25in Open Hole	568.00	5516.00	4948.00	568.00	5365.86	-0.20	0.27	302.44	1067.62
9.625in Casing Intermediate	28.00	5476.00	5448.00	28.00	5327.24	0.00	0.00	299.48	1057.62
8.5in Open Hole	5516.00	13117.00	7601.00	5365.86	6666.24	302.44	1067.62	5771.45	1250.66
5.5in Casing Production	28.00	13117.00	13089.00	28.00	6666.24	0.00	0.00	5771.45	1250.66



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Actual Wellpath Report

OXF43 30H (516238) AWP Proj: 13117'

Page 8 of 10



REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 30H (516238)
Field	Doddridge	API	47-017-06746-00-00
Facility	OXF43 Pad	Wellbore	OXF43 30H (516238) AWB
Slot	Slot #30		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
OXF43 30H (516238) BHL Rev-1	6667.00	5767.62	1267.72	1634669.83	247669.85	39°10'22.1002"N	80°47'19.0516"W	point
OXF43 30H (516238) LP Rev-1	6667.00	1796.86	3035.55	1636437.61	243699.20	39°09'43.1075"N	80°46'55.8874"W	point
OXF43 Pad Hardline #1 (8.10.20)	7000.00	3111.43	-7535.77	1625866.58	245013.73	39°09'54.5863"N	80°49'10.3262"W	polygon
2D Polygon: dimensions not calculated								
OXF43 Pad Hardline #2 (8.10.20)	7000.00	3698.70	-1572.95	1631829.24	245600.98	39°10'1.2490"N	80°47'54.7374"W	polygon
2D Polygon: dimensions not calculated								
OXF43 Pad Hardline #3 (8.10.20)	7000.00	-12143.28	5905.99	1639307.97	229759.45	39°07'25.7409"N	80°46'16.9449"W	polygon
2D Polygon: dimensions not calculated								
OXF43 Pad Hardline #4 (8.10.20)	7000.00	-11977.69	1622.09	1635024.19	229925.04	39°07'26.7747"N	80°47'11.3260"W	polygon
2D Polygon: dimensions not calculated								
OXF43 Pad Hardline #5 (8.10.20)	7000.00	-10306.57	1005.15	1634407.26	231596.11	39°07'43.2029"N	80°47'19.4574"W	polygon
2D Polygon: dimensions not calculated								
OXF43 Pad Hardline #6 (8.10.20)	7000.00	1580.49	-4900.68	1628501.60	243482.84	39°09'39.8374"N	80°48'36.5909"W	polygon
2D Polygon: dimensions not calculated								



Where energy meets innovation.

Actual Wellpath Report

OXF43 30H (516238) AWP Proj: 13117'

Page 9 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	OXF43 30H (516238)
Field	Doddridge	API	47-017-06746-00-00
Facility	OXF43 Pad	Wellbore	OXF43 30H (516238) AWB
Slot	Slot #30		

WELLPATH COMPOSITION - Ref Wellbore: OXF43 30H (516238) AWB Ref Wellpath: OXF43 30H (516238) AWP Proj: 13117'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
28.00	585.00	Gyrodata 2015 - GC+WIR+DPIPE	01_Gyrodata MS Gyro <17.5">(115'-585')	OXF43 30H (516238) AWB	28/Jul/2020
585.00	5429.00	OWSG MWD rev2 - Standard	02_SDI MWD <12-1/4">(585')(646'-5429')	OXF43 30H (516238) AWB	11/Aug/2020
5429.00	13117.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	03_BH AT Curve + MagVAR MSA <8-1/2">(5429')(5500'-13090')	OXF43 30H (516238) AWB	11/Aug/2020



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Actual Wellpath Report

OXF43 30H (516238) AWP Proj: 13117'

Page 10 of 10



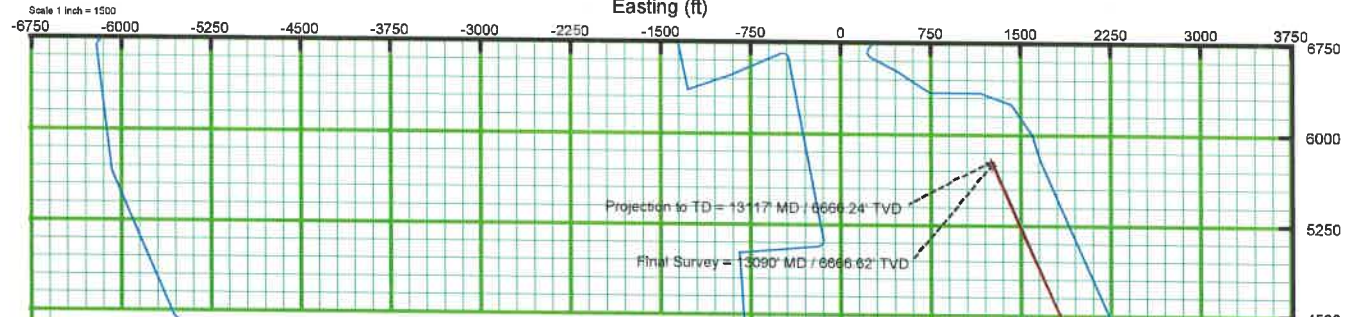
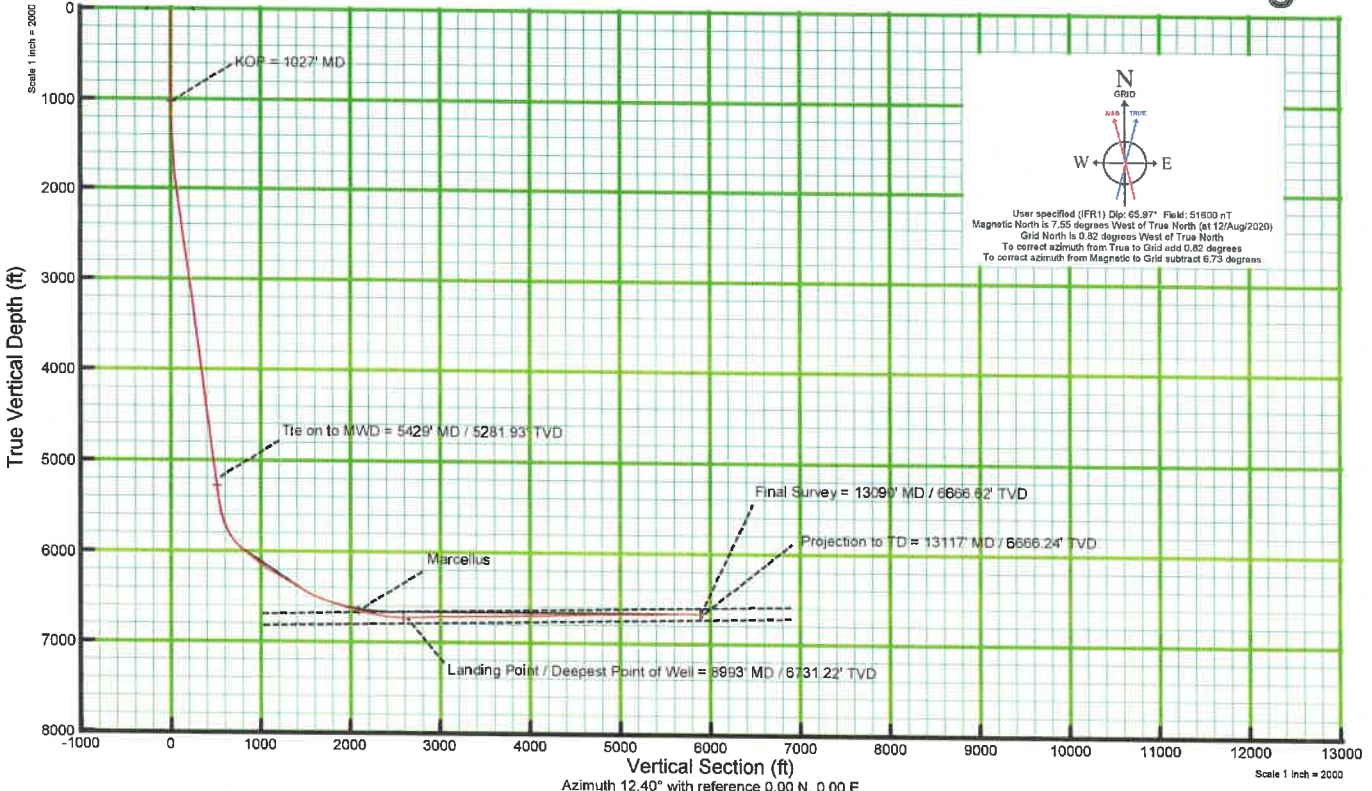
REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 30H (516238)
Field	Doddridge	API	47-017-06746-00-00
Facility	OXF43 Pad	Wellbore	OXF43 30H (516238) AWB
Slot	Slot #30		

COMMENTS
<p>Wellpath general comments API: 47-017-06746-0000 BH Job #: 110481021 Rig: Patterson 277 Duration: 8/12/20 - 8/16/20</p> <p>Gyrodatta MS Gyro <17.5">(115'-585') SDI MWD <12-1/4">(585')(646'-5429') BH AT Curve + MagVAR MSA <8-1/2">(5429')(5500'-13090') Projected MD at TD: 13117'</p>



Where energy meets innovation.

KB Elevation=1257 FT
 Ground Elevation=1229 FT
 All Survey Measurements were taken from KB Elevation



Bottom Hole Location									
MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
13117	80.8	335.63	6666.24	5771.45	1250.85	1634652.76	247873.68	39.1728155	-80.7891158

Landing Point									
MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
8993	80.68	335.06	6731.22	2008.22	2935.35	1633337.41	243910.55	39.1672506	-80.7925549

KOP									
MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
1027	0.65	88.27	1028.96	4.34	1.12	1633403.28	241906.73	39.1569334	-80.7927969

Surface Location			
Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
1633402.14	241902.39	39.1569322	-80.7928036

12/24/2021