



Where energy meets innovation.

Actual Wellpath Report

OXF43 31H (516240) AWP Proj: 18017'
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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	OXF43 31H (516240)
Field	Doddridge	API/Legal	
Facility	OXF43 Pad	Wellbore	OXF43 31H (516240) AWB
Slot	Slot #31		

REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Hilphop
Scale	0.999974	Report Generated	23/Aug/2020 at 08:57
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	-10.02	11.16	1633390.99	241912.41	39°09'25.0167"N	80°47'34.2363"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 #31)	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	315.35°



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WELLPATH DATA (249 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	108.870	0.00	0.00	0.00	0.00	1633390.99	241912.41	39°09'25.0167"N	80°47'34.2363"W	0.00	0.000	0.00	0.00	0.00
28.00	0.000	108.870	28.00	0.00	0.00	0.00	1633390.99	241912.41	39°09'25.0167"N	80°47'34.2363"W	0.00	0.000	0.00	0.00	0.00
100.00	0.160	108.870	100.00	-0.09	-0.03	0.10	1633391.09	241912.38	39°09'25.0164"N	80°47'34.2351"W	0.10	108.870	0.22	0.22	0.00
125.00	0.140	110.970	125.00	-0.15	-0.05	0.16	1633391.15	241912.36	39°09'25.0162"N	80°47'34.2343"W	0.17	109.256	0.08	-0.08	8.40
150.00	0.150	115.080	150.00	-0.21	-0.08	0.21	1633391.20	241912.33	39°09'25.0159"N	80°47'34.2336"W	0.23	110.315	0.06	0.04	16.44
175.00	0.140	118.580	175.00	-0.27	-0.11	0.27	1633391.26	241912.30	39°09'25.0157"N	80°47'34.2328"W	0.29	111.710	0.05	-0.04	14.00
200.00	0.130	115.220	200.00	-0.32	-0.13	0.32	1633391.31	241912.28	39°09'25.0154"N	80°47'34.2322"W	0.35	112.591	0.05	-0.04	-13.44
225.00	0.140	116.700	225.00	-0.38	-0.16	0.38	1633391.37	241912.25	39°09'25.0152"N	80°47'34.2315"W	0.41	113.079	0.04	0.04	5.92
250.00	0.110	129.080	250.00	-0.43	-0.19	0.42	1633391.41	241912.22	39°09'25.0149"N	80°47'34.2309"W	0.46	114.136	0.16	-0.12	49.52
275.00	0.110	135.120	275.00	-0.48	-0.22	0.46	1633391.45	241912.19	39°09'25.0146"N	80°47'34.2305"W	0.51	115.801	0.05	0.00	24.16
300.00	0.110	147.840	300.00	-0.53	-0.26	0.49	1633391.48	241912.15	39°09'25.0142"N	80°47'34.2301"W	0.55	117.945	0.10	0.00	50.88
325.00	0.110	132.470	325.00	-0.57	-0.30	0.52	1633391.51	241912.11	39°09'25.0139"N	80°47'34.2297"W	0.60	119.672	0.12	0.00	-61.48
350.00	0.110	140.420	350.00	-0.62	-0.33	0.55	1633391.54	241912.08	39°09'25.0135"N	80°47'34.2293"W	0.64	120.904	0.06	0.00	31.80
375.00	0.120	142.620	375.00	-0.67	-0.37	0.58	1633391.57	241912.04	39°09'25.0131"N	80°47'34.2288"W	0.69	122.375	0.04	0.04	8.80
400.00	0.080	158.660	400.00	-0.71	-0.41	0.60	1633391.59	241912.00	39°09'25.0128"N	80°47'34.2286"W	0.73	123.900	0.19	-0.16	64.16
425.00	0.060	246.130	425.00	-0.73	-0.43	0.60	1633391.59	241911.98	39°09'25.0126"N	80°47'34.2286"W	0.74	125.536	0.39	-0.08	349.88
450.00	0.060	253.230	450.00	-0.71	-0.44	0.57	1633391.56	241911.97	39°09'25.0125"N	80°47'34.2289"W	0.72	127.252	0.03	0.00	28.40
475.00	0.070	248.240	475.00	-0.70	-0.45	0.55	1633391.54	241911.96	39°09'25.0124"N	80°47'34.2293"W	0.71	129.173	0.05	0.04	-19.96
500.00	0.090	262.350	500.00	-0.68	-0.45	0.51	1633391.50	241911.96	39°09'25.0123"N	80°47'34.2297"W	0.69	131.482	0.11	0.08	56.44
525.00	0.070	263.990	525.00	-0.66	-0.46	0.48	1633391.47	241911.95	39°09'25.0122"N	80°47'34.2301"W	0.66	133.736	0.08	-0.08	6.56
550.00	0.140	261.920	550.00	-0.64	-0.46	0.43	1633391.42	241911.95	39°09'25.0122"N	80°47'34.2307"W	0.64	136.950	0.28	0.28	-8.28
575.00	0.150	255.120	575.00	-0.60	-0.48	0.37	1633391.36	241911.93	39°09'25.0120"N	80°47'34.2315"W	0.61	142.054	0.08	0.04	-27.20
600.00	0.150	260.290	600.00	-0.57	-0.49	0.31	1633391.30	241911.92	39°09'25.0119"N	80°47'34.2323"W	0.58	147.884	0.05	0.00	20.68
625.00	0.170	255.340	625.00	-0.53	-0.51	0.24	1633391.23	241911.90	39°09'25.0117"N	80°47'34.2332"W	0.56	154.608	0.10	0.08	-19.80
650.00	0.160	255.800	650.00	-0.49	-0.52	0.17	1633391.16	241911.89	39°09'25.0115"N	80°47'34.2340"W	0.55	161.973	0.04	-0.04	1.84
675.00	0.190	254.770	675.00	-0.45	-0.54	0.10	1633391.09	241911.87	39°09'25.0113"N	80°47'34.2350"W	0.55	169.906	0.12	0.12	-4.12
700.00	0.170	265.250	700.00	-0.41	-0.56	0.02	1633391.01	241911.85	39°09'25.0112"N	80°47'34.2360"W	0.56	177.962	0.15	-0.08	41.92
725.00	0.130	262.030	725.00	-0.37	-0.56	-0.05	1633390.94	241911.85	39°09'25.0111"N	80°47'34.2368"W	0.57	184.576	0.16	-0.16	-12.88
750.00	0.160	261.220	750.00	-0.33	-0.57	-0.11	1633390.88	241911.84	39°09'25.0110"N	80°47'34.2376"W	0.58	190.635	0.12	0.12	-3.24
775.00	0.170	262.030	775.00	-0.29	-0.58	-0.18	1633390.81	241911.83	39°09'25.0109"N	80°47'34.2385"W	0.61	197.029	0.04	0.04	3.24



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Field	Doddridge	API/Legal	
Facility	OXF43 Pad	Wellbore	OXF43 31H (516240) AWB
Slot	Slot #31		

WELLPATH DATA (249 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]
800.00	0.190	258.880	800.00	-0.24	-0.60	-0.26	1633390.73	241911.81	39°09'25.0108"N	80°47'34.2395"W	0.65	203.223	0.09	0.08	-12.60
825.00	0.180	262.370	825.00	-0.20	-0.61	-0.34	1633390.65	241911.80	39°09'25.0106"N	80°47'34.2405"W	0.70	208.815	0.06	-0.04	13.96
850.00	0.180	261.610	850.00	-0.15	-0.62	-0.41	1633390.58	241911.79	39°09'25.0105"N	80°47'34.2414"W	0.75	213.644	0.01	0.00	-3.04
875.00	0.190	257.940	875.00	-0.11	-0.64	-0.49	1633390.50	241911.77	39°09'25.0103"N	80°47'34.2425"W	0.80	217.784	0.06	0.04	-14.68
900.00	0.230	245.460	900.00	-0.07	-0.67	-0.58	1633390.41	241911.74	39°09'25.0100"N	80°47'34.2435"W	0.88	221.034	0.24	0.16	-49.92
925.00	0.490	221.090	925.00	-0.06	-0.77	-0.70	1633390.29	241911.64	39°09'25.0090"N	80°47'34.2450"W	1.04	222.189	1.18	1.04	-97.48
950.00	0.590	218.210	950.00	-0.08	-0.95	-0.85	1633390.14	241911.46	39°09'25.0072"N	80°47'34.2469"W	1.27	221.693	0.41	0.40	-11.52
975.00	0.590	215.490	974.99	-0.12	-1.15	-1.00	1633389.99	241911.26	39°09'25.0051"N	80°47'34.2488"W	1.53	220.878	0.11	0.00	-10.88
1000.00	0.790	208.650	999.99	-0.19	-1.41	-1.16	1633389.83	241911.00	39°09'25.0026"N	80°47'34.2507"W	1.82	219.352	0.86	0.80	-27.36
1025.00	2.020	190.720	1024.98	-0.49	-1.99	-1.32	1633389.67	241910.42	39°09'24.9968"N	80°47'34.2527"W	2.39	213.520	5.17	4.92	-71.72
1050.00	2.250	189.820	1049.97	-1.03	-2.91	-1.49	1633389.50	241909.50	39°09'24.9877"N	80°47'34.2547"W	3.27	207.057	0.93	0.92	-3.60
1075.00	2.300	189.790	1074.95	-1.60	-3.89	-1.66	1633389.33	241908.52	39°09'24.9780"N	80°47'34.2566"W	4.23	203.064	0.20	0.20	-0.12
1100.00	2.530	190.630	1099.93	-2.21	-4.93	-1.84	1633389.15	241907.48	39°09'24.9678"N	80°47'34.2588"W	5.26	200.515	0.93	0.92	3.36
1125.00	3.320	195.050	1124.89	-2.89	-6.17	-2.13	1633388.86	241906.24	39°09'24.9554"N	80°47'34.2623"W	6.53	199.077	3.28	3.16	17.68
1150.00	3.430	195.740	1149.85	-3.62	-7.59	-2.52	1633388.47	241904.82	39°09'24.9414"N	80°47'34.2670"W	8.00	198.401	0.47	0.44	-2.76
1175.00	3.440	195.690	1174.80	-4.36	-9.03	-2.93	1633388.06	241903.38	39°09'24.9271"N	80°47'34.2718"W	9.49	197.977	0.04	0.04	-0.20
1200.00	3.550	198.530	1199.76	-5.08	-10.48	-3.38	1633387.61	241901.93	39°09'24.9126"N	80°47'34.2773"W	11.02	197.860	0.82	0.44	11.36
1225.00	3.780	206.580	1224.71	-5.70	-11.96	-3.99	1633387.00	241900.46	39°09'24.8980"N	80°47'34.2848"W	12.60	198.469	2.25	0.92	32.20
1250.00	3.810	207.090	1249.65	-6.22	-13.43	-4.74	1633386.25	241898.98	39°09'24.8833"N	80°47'34.2940"W	14.24	199.438	0.18	0.12	2.04
1275.00	3.860	207.170	1274.60	-6.75	-14.92	-5.50	1633385.49	241897.49	39°09'24.8685"N	80°47'34.3034"W	15.90	200.244	0.20	0.20	0.32
1300.00	4.340	214.260	1299.53	-7.19	-16.45	-6.42	1633384.57	241895.96	39°09'24.8532"N	80°47'34.3148"W	17.66	201.317	2.79	1.92	28.36
1325.00	4.880	219.050	1324.45	-7.49	-18.06	-7.62	1633383.37	241894.35	39°09'24.8372"N	80°47'34.3298"W	19.60	202.883	2.65	2.16	19.16
1350.00	5.020	219.850	1349.36	-7.71	-19.72	-8.99	1633382.00	241892.69	39°09'24.8205"N	80°47'34.3469"W	21.68	204.510	0.62	0.56	3.20
1375.00	5.740	224.380	1374.25	-7.84	-21.46	-10.57	1633380.42	241890.95	39°09'24.8031"N	80°47'34.3665"W	23.92	206.221	3.34	2.88	18.12
1400.00	6.440	226.170	1399.11	-7.84	-23.32	-12.45	1633378.54	241889.09	39°09'24.7845"N	80°47'34.3901"W	26.44	208.103	2.90	2.80	7.16
1425.00	6.850	227.130	1423.94	-7.77	-25.31	-14.56	1633376.43	241887.10	39°09'24.7645"N	80°47'34.4165"W	29.19	209.910	1.70	1.64	3.84
1450.00	7.040	227.380	1448.76	-7.67	-27.36	-16.78	1633374.21	241885.05	39°09'24.7439"N	80°47'34.4443"W	32.09	211.520	0.77	0.76	1.00
1475.00	7.710	229.320	1473.55	-7.50	-29.49	-19.18	1633371.81	241882.92	39°09'24.7225"N	80°47'34.4743"W	35.18	213.037	2.86	2.68	7.76
1500.00	8.260	232.620	1498.31	-7.16	-31.67	-21.88	1633369.11	241880.74	39°09'24.7006"N	80°47'34.5082"W	38.49	214.633	2.86	2.20	13.20
1525.00	8.400	233.260	1523.04	-6.68	-33.85	-24.77	1633366.22	241878.56	39°09'24.6786"N	80°47'34.5445"W	41.95	216.187	0.67	0.56	2.56



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1550.00	8.530	234.240	1547.77	-6.14	-36.03	-27.73	1633363.26	241876.38	39°09'24.6567"N	80°47'34.5818"W	45.47	217.587	0.78	0.52	3.92
1575.00	8.810	236.680	1572.48	-5.48	-38.17	-30.84	1633360.15	241874.25	39°09'24.6351"N	80°47'34.6208"W	49.07	218.939	1.85	1.12	9.76
1600.00	9.170	241.930	1597.18	-4.53	-40.15	-34.20	1633356.80	241872.26	39°09'24.6150"N	80°47'34.6630"W	52.74	220.418	3.58	1.44	21.00
1625.00	9.310	242.730	1621.85	-3.36	-42.02	-37.75	1633353.24	241870.39	39°09'24.5961"N	80°47'34.7078"W	56.49	221.938	0.76	0.56	3.20
1650.00	9.490	244.130	1646.52	-2.09	-43.84	-41.40	1633349.59	241868.57	39°09'24.5775"N	80°47'34.7538"W	60.30	223.360	1.16	0.72	5.60
1675.00	9.820	247.320	1671.16	-0.63	-45.57	-45.22	1633345.77	241866.85	39°09'24.5600"N	80°47'34.8020"W	64.20	224.785	2.51	1.32	12.76
1700.00	10.540	251.590	1695.77	1.18	-47.11	-49.36	1633341.63	241865.30	39°09'24.5441"N	80°47'34.8543"W	68.23	226.337	4.17	2.88	17.08
1725.00	10.670	251.880	1720.34	3.22	-48.55	-53.73	1633337.26	241863.86	39°09'24.5292"N	80°47'34.9095"W	72.42	227.898	0.56	0.52	1.16
1750.00	11.110	253.390	1744.89	5.39	-49.96	-58.24	1633332.75	241862.45	39°09'24.5147"N	80°47'34.9664"W	76.73	229.375	2.10	1.76	6.04
1775.00	11.740	255.050	1769.40	7.78	-51.30	-63.00	1633327.99	241861.11	39°09'24.5007"N	80°47'35.0267"W	81.25	230.844	2.84	2.52	6.64
1800.00	12.440	255.920	1793.84	10.41	-52.62	-68.07	1633322.92	241859.80	39°09'24.4870"N	80°47'35.0908"W	86.04	232.298	2.89	2.80	3.48
1825.00	12.560	256.000	1818.25	13.16	-53.93	-73.32	1633317.67	241858.48	39°09'24.4733"N	80°47'35.1572"W	91.02	233.665	0.48	0.48	0.32
1850.00	12.960	257.080	1842.63	16.02	-55.21	-78.69	1633312.30	241857.20	39°09'24.4598"N	80°47'35.2251"W	96.13	234.945	1.86	1.60	4.32
1875.00	13.500	258.980	1866.97	19.11	-56.40	-84.29	1633306.70	241856.01	39°09'24.4473"N	80°47'35.2959"W	101.42	236.214	2.77	2.16	7.60
1900.00	13.970	260.250	1891.25	22.46	-57.47	-90.13	1633300.87	241854.95	39°09'24.4359"N	80°47'35.3698"W	106.89	237.478	2.23	1.88	5.08
1925.00	14.190	260.660	1915.50	25.95	-58.47	-96.12	1633294.87	241853.94	39°09'24.4251"N	80°47'35.4458"W	112.51	238.687	0.97	0.88	1.64
1950.00	14.780	261.560	1939.71	29.61	-59.44	-102.30	1633288.69	241852.97	39°09'24.4147"N	80°47'35.5240"W	118.32	239.843	2.53	2.36	3.60
1975.00	15.610	263.070	1963.83	33.55	-60.31	-108.80	1633282.20	241852.10	39°09'24.4051"N	80°47'35.6063"W	124.40	240.997	3.68	3.32	6.04
2000.00	15.960	263.640	1987.89	37.74	-61.10	-115.55	1633275.44	241851.31	39°09'24.3964"N	80°47'35.6919"W	130.71	242.131	1.53	1.40	2.28
2074.00	17.530	265.520	2058.75	51.23	-63.10	-136.77	1633254.22	241849.31	39°09'24.3737"N	80°47'35.9609"W	150.63	245.235	2.24	2.12	2.54
2169.00	17.620	263.720	2149.32	69.39	-65.79	-165.33	1633225.66	241846.62	39°09'24.3430"N	80°47'36.3229"W	177.94	248.301	0.58	0.09	-1.89
2264.00	17.720	265.110	2239.84	87.56	-68.59	-194.03	1633196.97	241843.82	39°09'24.3112"N	80°47'36.6866"W	205.80	250.530	0.46	0.11	1.46
2360.00	17.410	264.350	2331.36	105.94	-71.25	-222.88	1633168.12	241841.16	39°09'24.2808"N	80°47'37.0523"W	233.99	252.271	0.40	-0.32	-0.79
2455.00	16.940	260.740	2422.13	122.90	-74.88	-250.68	1633140.32	241837.53	39°09'24.2410"N	80°47'37.4046"W	261.62	253.369	1.23	-0.49	-3.80
2550.00	16.310	260.550	2513.16	138.61	-79.30	-277.50	1633113.50	241833.12	39°09'24.1935"N	80°47'37.7442"W	288.61	254.052	0.67	-0.66	-0.20
2646.00	16.030	262.500	2605.36	154.38	-83.24	-303.94	1633087.06	241829.17	39°09'24.1508"N	80°47'38.0790"W	315.13	254.684	0.64	-0.29	2.03
2741.00	15.710	258.320	2696.74	169.30	-87.56	-329.54	1633061.46	241824.86	39°09'24.1045"N	80°47'38.4032"W	340.97	255.121	1.25	-0.34	-4.40
2836.00	15.890	260.120	2788.15	183.72	-92.39	-354.95	1633036.05	241820.02	39°09'24.0531"N	80°47'38.7248"W	366.77	255.410	0.55	0.19	1.89
2931.00	15.510	257.760	2879.61	197.94	-97.32	-380.17	1633010.83	241815.10	39°09'24.0008"N	80°47'39.0441"W	392.43	255.642	0.78	-0.40	-2.48
3027.00	15.170	257.260	2972.19	211.46	-102.81	-404.97	1632986.03	241809.61	39°09'23.9430"N	80°47'39.3579"W	417.81	255.755	0.38	-0.35	-0.52



Where energy meets innovation.

Actual Wellpath Report

OXF43 31H (516240) AWP Proj: 18017'

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	OXF43 31H (516240)
Field	Doddridge	API/Legal	
Facility	OXF43 Pad	Wellbore	OXF43 31H (516240) AWB
Slot	Slot #31		

WELLPATH DATA (249 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]
3124.00	15.680	260.920	3065.70	225.80	-107.67	-430.29	1632960.71	241804.74	39°09'23.8913"N	80°47'39.6784"W	443.56	255.951	1.13	0.53	3.77
3219.00	17.020	258.560	3156.85	240.88	-112.46	-456.60	1632934.41	241799.95	39°09'23.8403"N	80°47'40.0114"W	470.24	256.164	1.57	1.41	-2.48
3314.00	18.600	262.950	3247.30	257.74	-117.08	-485.26	1632905.74	241795.34	39°09'23.7906"N	80°47'40.3744"W	499.19	256.436	2.18	1.66	4.62
3410.00	20.340	265.090	3337.81	277.75	-120.38	-517.08	1632873.92	241792.03	39°09'23.7534"N	80°47'40.7777"W	530.91	256.894	1.96	1.81	2.23
3505.00	22.500	264.410	3426.24	299.76	-123.57	-551.63	1632839.38	241788.85	39°09'23.7170"N	80°47'41.2156"W	565.30	257.374	2.29	2.27	-0.72
3600.00	24.570	264.580	3513.34	323.71	-127.20	-589.38	1632801.62	241785.21	39°09'23.6757"N	80°47'41.6942"W	602.96	257.821	2.18	2.18	0.18
3695.00	26.400	263.660	3599.09	349.30	-131.40	-630.04	1632760.97	241781.01	39°09'23.6284"N	80°47'42.2095"W	643.60	258.219	1.97	1.93	-0.97
3790.00	28.260	262.630	3683.48	376.01	-136.62	-673.34	1632717.67	241775.79	39°09'23.5706"N	80°47'42.7582"W	687.06	258.530	2.02	1.96	-1.08
3886.00	27.900	261.730	3768.18	403.10	-142.77	-718.11	1632672.90	241769.65	39°09'23.5035"N	80°47'43.3253"W	732.16	258.756	0.58	-0.38	-0.94
3981.00	28.210	259.850	3852.02	429.00	-149.92	-762.21	1632628.81	241762.49	39°09'23.4265"N	80°47'43.8837"W	776.81	258.872	0.99	0.33	-1.98
4076.00	28.630	259.020	3935.57	454.34	-158.21	-806.65	1632584.36	241754.20	39°09'23.3382"N	80°47'44.4464"W	822.02	258.903	0.61	0.44	-0.87
4172.00	27.880	256.410	4020.13	478.67	-167.87	-851.05	1632539.96	241744.55	39°09'23.2365"N	80°47'45.0082"W	867.45	258.842	1.51	-0.78	-2.72
4268.00	26.890	255.850	4105.38	501.27	-178.45	-893.92	1632497.10	241733.97	39°09'23.1258"N	80°47'45.5504"W	911.56	258.711	1.07	-1.03	-0.58
4363.00	26.870	257.350	4190.11	523.55	-188.40	-935.70	1632455.32	241724.01	39°09'23.0215"N	80°47'46.0789"W	954.48	258.616	0.71	-0.02	1.58
4459.00	27.190	259.370	4275.63	547.32	-197.20	-978.42	1632412.59	241715.22	39°09'22.9284"N	80°47'46.6196"W	998.10	258.605	1.01	0.33	2.10
4554.00	27.120	259.810	4360.16	571.72	-205.03	-1021.07	1632369.95	241707.38	39°09'22.8449"N	80°47'47.1594"W	1041.45	258.646	0.22	-0.07	0.46
4649.00	28.350	264.330	4444.25	598.16	-211.09	-1064.83	1632326.19	241701.32	39°09'22.7788"N	80°47'47.7138"W	1085.55	258.787	2.56	1.29	4.76
4745.00	29.160	264.820	4528.41	627.37	-215.46	-1110.81	1632280.22	241696.96	39°09'22.7291"N	80°47'48.2966"W	1131.51	259.023	0.88	0.84	0.51
4841.00	29.210	264.980	4612.22	657.17	-219.62	-1157.43	1632233.59	241692.80	39°09'22.6813"N	80°47'48.8877"W	1178.09	259.256	0.10	0.05	0.17
4936.00	29.400	264.420	4695.07	686.66	-223.91	-1203.73	1632187.29	241688.50	39°09'22.6323"N	80°47'49.4746"W	1224.38	259.462	0.35	0.20	-0.59
5031.00	28.640	262.540	4778.14	715.12	-229.14	-1249.52	1632141.51	241683.28	39°09'22.5741"N	80°47'50.0547"W	1270.35	259.608	1.25	-0.80	-1.98
5126.00	28.570	262.250	4861.54	742.52	-235.16	-1294.60	1632096.43	241677.26	39°09'22.5082"N	80°47'50.6259"W	1315.78	259.705	0.16	-0.07	-0.31
5222.00	28.360	261.220	4945.94	769.66	-241.73	-1339.88	1632051.15	241670.68	39°09'22.4367"N	80°47'51.1994"W	1361.51	259.773	0.56	-0.22	-1.07
5317.00	27.790	259.450	5029.76	795.30	-249.23	-1383.95	1632007.08	241663.18	39°09'22.3563"N	80°47'51.7574"W	1406.21	259.791	1.06	-0.60	-1.86
5412.00	25.920	261.760	5114.52	820.04	-256.26	-1426.27	1631964.76	241656.15	39°09'22.2808"N	80°47'52.2934"W	1449.11	259.814	2.25	-1.97	2.43
5508.00	25.040	262.970	5201.18	844.90	-261.76	-1467.20	1631923.83	241650.66	39°09'22.2207"N	80°47'52.8119"W	1490.37	259.885	1.06	-0.92	1.26
5589.00	23.910	261.470	5274.90	865.04	-266.29	-1500.45	1631890.58	241646.13	39°09'22.1711"N	80°47'53.2331"W	1523.90	259.936	1.59	-1.40	-1.85
5658.00	22.730	261.580	5338.26	881.16	-270.32	-1527.47	1631863.57	241642.10	39°09'22.1275"N	80°47'53.5752"W	1551.20	259.964	1.71	-1.71	0.16
5753.00	24.180	260.980	5425.41	903.34	-276.05	-1564.84	1631826.19	241636.36	39°09'22.0654"N	80°47'54.0486"W	1589.00	259.995	1.55	1.53	-0.63
5848.00	29.760	263.770	5510.05	929.35	-281.67	-1607.53	1631783.51	241630.75	39°09'22.0039"N	80°47'54.5894"W	1632.02	260.062	6.02	5.87	2.94



Where energy meets innovation.

Actual Wellpath Report

OXF43 31H (516240) AWP Proj: 18017'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 31H (516240)
Field	Doddridge	API/Legal	
Facility	OXF43 Pad	Wellbore	OXF43 31H (516240) AWB
Slot	Slot #31		

WELLPATH DATA (249 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]
5943.00	35.090	265.800	5590.21	961.74	-286.23	-1658.24	1631732.80	241626.19	39°09'21.9515"N	80°47'55.2322"W	1682.76	260.207	5.73	5.61	2.14
6039.00	41.220	261.550	5665.68	998.36	-292.91	-1717.11	1631673.93	241619.51	39°09'21.8771"N	80°47'55.9783"W	1741.91	260.320	6.94	6.39	-4.43
6134.00	48.580	256.480	5732.94	1035.33	-305.86	-1782.81	1631608.22	241606.56	39°09'21.7398"N	80°47'56.8099"W	1808.86	260.265	8.61	7.75	-5.34
6229.00	51.090	258.980	5794.22	1074.22	-321.25	-1853.74	1631537.30	241591.17	39°09'21.5775"N	80°47'57.7074"W	1881.38	260.168	3.32	2.64	2.63
6325.00	56.990	258.340	5850.57	1116.86	-336.54	-1929.90	1631461.15	241575.88	39°09'21.4155"N	80°47'58.6711"W	1959.02	260.108	6.17	6.15	-0.67
6420.00	63.650	256.350	5897.58	1160.53	-354.66	-2010.36	1631380.68	241557.76	39°09'21.2249"N	80°47'59.6892"W	2041.41	259.995	7.24	7.01	-2.09
6515.00	70.280	256.190	5934.74	1205.42	-375.40	-2095.24	1631295.80	241537.02	39°09'21.0078"N	80°48'0.7628"W	2128.61	259.842	6.98	6.98	-0.17
6611.00	69.990	258.940	5967.36	1253.54	-394.84	-2183.40	1631207.65	241517.58	39°09'20.8031"N	80°48'1.8782"W	2218.82	259.750	2.71	-0.30	2.86
6707.00	69.880	259.000	6000.30	1303.47	-412.09	-2271.91	1631119.14	241500.33	39°09'20.6199"N	80°48'2.9985"W	2308.98	259.719	0.13	-0.11	0.06
6802.00	69.790	259.400	6033.05	1353.15	-428.80	-2359.51	1631031.55	241483.62	39°09'20.4422"N	80°48'4.1073"W	2398.15	259.700	0.41	-0.09	0.42
6897.00	69.890	259.770	6065.79	1403.32	-444.92	-2447.22	1630943.84	241467.50	39°09'20.2703"N	80°48'5.2176"W	2487.33	259.696	0.38	0.11	0.39
6993.00	70.060	260.410	6098.66	1454.72	-460.45	-2536.07	1630854.99	241451.98	39°09'20.1042"N	80°48'6.3425"W	2577.53	259.710	0.65	0.18	0.67
7088.00	69.990	260.930	6131.12	1506.33	-474.92	-2624.17	1630766.89	241437.50	39°09'19.9485"N	80°48'7.4582"W	2666.80	259.742	0.52	-0.07	0.55
7183.00	69.860	260.900	6163.72	1558.23	-489.01	-2712.28	1630678.79	241423.41	39°09'19.7967"N	80°48'8.5739"W	2756.01	259.780	0.14	-0.14	-0.03
7279.00	69.800	260.370	6196.83	1610.28	-503.67	-2801.19	1630589.88	241408.75	39°09'19.6390"N	80°48'9.6998"W	2846.11	259.807	0.52	-0.06	-0.55
7374.00	69.930	259.350	6229.53	1660.82	-519.38	-2888.99	1630502.08	241393.05	39°09'19.4712"N	80°48'10.8113"W	2935.30	259.808	1.02	0.14	-1.07
7469.00	69.860	261.180	6262.19	1711.87	-534.46	-2976.91	1630414.16	241377.96	39°09'19.3095"N	80°48'11.9245"W	3024.51	259.822	1.81	-0.07	1.93
7565.00	69.760	260.960	6295.32	1764.48	-548.45	-3065.92	1630325.16	241363.98	39°09'19.1586"N	80°48'13.0517"W	3114.59	259.858	0.24	-0.10	-0.23
7660.00	69.920	261.200	6328.06	1816.56	-562.27	-3154.02	1630237.06	241350.15	39°09'19.0093"N	80°48'14.1675"W	3203.75	259.892	0.29	0.17	0.25
7755.00	69.820	260.630	6360.76	1868.43	-576.36	-3242.10	1630148.98	241336.07	39°09'18.8574"N	80°48'15.2828"W	3292.93	259.920	0.57	-0.11	-0.60
7851.00	69.890	260.980	6393.82	1920.71	-590.76	-3331.07	1630060.02	241321.67	39°09'18.7023"N	80°48'16.4094"W	3383.05	259.943	0.35	0.07	0.36
7946.00	69.990	259.960	6426.40	1972.05	-605.53	-3419.07	1629972.01	241306.89	39°09'18.5437"N	80°48'17.5237"W	3472.28	259.957	1.01	0.11	-1.07
8041.00	69.890	261.040	6458.99	2023.42	-620.26	-3507.08	1629884.01	241292.16	39°09'18.3855"N	80°48'18.6381"W	3561.51	259.970	1.07	-0.11	1.14
8136.00	69.700	259.600	6491.80	2074.52	-635.25	-3594.96	1629796.13	241277.18	39°09'18.2247"N	80°48'19.7509"W	3650.66	259.979	1.44	-0.20	-1.52
8232.00	70.910	268.130	6524.21	2130.76	-644.88	-3684.73	1629706.36	241267.55	39°09'18.1167"N	80°48'20.8885"W	3740.74	260.073	8.46	1.26	8.89
8327.00	75.020	279.230	6552.11	2198.54	-638.96	-3775.18	1629615.91	241273.47	39°09'18.1622"N	80°48'22.0377"W	3828.87	260.394	11.98	4.33	11.68
8422.00	76.870	284.100	6575.20	2275.20	-620.32	-3865.40	1629525.70	241292.11	39°09'18.3335"N	80°48'23.1862"W	3914.86	260.883	5.34	1.95	5.13
8517.00	78.880	290.400	6595.17	2357.09	-592.77	-3954.04	1629437.06	241319.65	39°09'18.5929"N	80°48'24.3164"W	3998.23	261.474	6.82	2.12	6.63
8612.00	79.260	295.950	6613.20	2443.43	-556.08	-4039.75	1629351.35	241356.35	39°09'18.9433"N	80°48'25.4112"W	4077.85	262.162	5.75	0.40	5.84
8708.00	80.160	306.160	6630.39	2534.84	-507.41	-4120.55	1629270.55	241405.01	39°09'19.4126"N	80°48'26.4457"W	4151.68	262.980	10.51	0.94	10.64



Where energy meets innovation.

Actual Wellpath Report

OXF43 31H (516240) AWP Proj: 18017'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 31H (516240)
Field	Doddridge	API/Legal	
Facility	OXF43 Pad	Wellbore	OXF43 31H (516240) AWB
Slot	Slot #31		

WELLPATH DATA (249 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]
8803.00	82.970	316.350	6644.36	2628.43	-445.51	-4191.07	1629200.03	241466.91	39°09'20.0142"N	80°48'27.3523"W	4214.69	263.932	11.01	2.96	10.73
8898.00	87.940	327.550	6651.91	2722.32	-371.06	-4249.31	1629141.80	241541.36	39°09'20.7416"N	80°48'28.1052"W	4265.48	265.009	12.86	5.23	11.79
8994.00	91.020	333.770	6652.78	2814.86	-287.43	-4296.31	1629094.80	241624.99	39°09'21.5614"N	80°48'28.7173"W	4305.92	266.173	7.23	3.21	6.48
9089.00	89.940	341.270	6651.98	2902.76	-199.72	-4332.61	1629058.50	241712.70	39°09'22.4230"N	80°48'29.1942"W	4337.21	267.361	7.98	-1.14	7.89
9184.00	90.710	341.080	6651.44	2988.28	-109.80	-4363.26	1629027.85	241802.61	39°09'23.3073"N	80°48'29.5999"W	4364.64	268.558	0.83	0.81	-0.20
9279.00	90.620	340.620	6650.34	3074.01	-20.06	-4394.42	1628996.69	241892.35	39°09'24.1896"N	80°48'30.0120"W	4394.47	269.738	0.49	-0.09	-0.48
9375.00	91.420	338.700	6648.63	3161.48	69.93	-4427.79	1628963.33	241982.34	39°09'25.0742"N	80°48'30.4521"W	4428.34	270.905	2.17	0.83	-2.00
9470.00	91.170	333.870	6646.48	3250.16	156.86	-4465.97	1628925.14	242069.27	39°09'25.9279"N	80°48'30.9529"W	4468.73	272.012	5.09	-0.26	-5.08
9565.00	90.580	336.540	6645.03	3339.50	243.09	-4505.81	1628885.31	242155.49	39°09'26.7743"N	80°48'31.4745"W	4512.36	273.088	2.88	-0.62	2.81
9660.00	90.580	334.320	6644.07	3428.71	329.47	-4545.30	1628845.82	242241.87	39°09'27.6224"N	80°48'31.9918"W	4557.23	274.146	2.34	0.00	-2.34
9755.00	91.510	335.620	6642.34	3518.18	415.53	-4585.49	1628805.63	242327.93	39°09'28.4671"N	80°48'32.5178"W	4604.28	275.178	1.68	0.98	1.37
9851.00	90.280	333.840	6640.84	3608.72	502.33	-4626.46	1628764.66	242414.73	39°09'29.3190"N	80°48'33.0540"W	4653.65	276.197	2.25	-1.28	-1.85
9946.00	91.750	336.690	6639.16	3698.02	588.59	-4666.20	1628724.92	242500.98	39°09'30.1658"N	80°48'33.5743"W	4703.18	277.189	3.38	1.55	3.00
10041.00	90.490	333.740	6637.30	3787.34	674.81	-4706.01	1628685.11	242587.20	39°09'31.0122"N	80°48'34.0957"W	4754.15	278.160	3.38	-1.33	-3.11
10136.00	91.570	336.210	6635.59	3876.79	760.87	-4746.19	1628644.93	242673.26	39°09'31.8569"N	80°48'34.6216"W	4806.79	279.108	2.84	1.14	2.60
10232.00	90.180	335.970	6634.12	3966.56	848.62	-4785.09	1628606.03	242761.01	39°09'32.7185"N	80°48'35.1316"W	4859.76	280.057	1.47	-1.45	-0.25
10327.00	91.390	334.400	6632.82	4055.91	934.84	-4824.96	1628566.17	242847.22	39°09'33.5648"N	80°48'35.6536"W	4914.69	280.965	2.09	1.27	-1.65
10423.00	90.460	336.530	6631.27	4146.04	1022.15	-4864.81	1628526.31	242934.53	39°09'34.4220"N	80°48'36.1757"W	4971.04	281.866	2.42	-0.97	2.22
10518.00	90.460	336.420	6630.51	4234.65	1109.25	-4902.73	1628488.40	243021.63	39°09'35.2773"N	80°48'36.6731"W	5026.65	282.749	0.12	0.00	-0.12
10613.00	91.450	335.430	6628.93	4323.58	1195.98	-4941.48	1628449.65	243108.35	39°09'36.1288"N	80°48'37.1811"W	5084.15	283.606	1.47	1.04	-1.04
10708.00	90.800	336.470	6627.06	4412.48	1282.71	-4980.19	1628410.94	243195.08	39°09'36.9804"N	80°48'37.6885"W	5142.72	284.443	1.29	-0.68	1.09
10804.00	89.200	337.990	6627.06	4501.56	1371.22	-5017.34	1628373.79	243283.59	39°09'37.8498"N	80°48'38.1765"W	5201.34	285.285	2.30	-1.67	1.58
10899.00	91.110	335.340	6626.80	4590.05	1458.44	-5054.96	1628336.17	243370.81	39°09'38.7064"N	80°48'38.6702"W	5261.15	286.094	3.44	2.01	-2.79
10994.00	89.910	336.040	6625.96	4679.12	1545.01	-5094.07	1628297.06	243457.38	39°09'39.5563"N	80°48'39.1827"W	5323.21	286.872	1.46	-1.26	0.74
11089.00	90.860	336.470	6625.32	4767.87	1631.97	-5132.32	1628258.81	243544.33	39°09'40.4102"N	80°48'39.6843"W	5385.54	287.640	1.10	1.00	0.45
11185.00	90.340	334.920	6624.32	4857.87	1719.45	-5171.83	1628219.30	243631.81	39°09'41.2690"N	80°48'40.2021"W	5450.17	288.390	1.70	-0.54	-1.61
11280.00	89.630	336.160	6624.34	4947.03	1805.92	-5211.17	1628179.97	243718.28	39°09'42.1180"N	80°48'40.7174"W	5515.22	289.114	1.50	-0.75	1.31
11376.00	89.780	336.190	6624.83	5036.76	1893.74	-5249.94	1628141.19	243806.10	39°09'42.9803"N	80°48'41.2260"W	5581.05	289.835	0.16	0.16	0.03
11471.00	88.980	334.630	6625.86	5125.98	1980.11	-5289.47	1628101.67	243892.47	39°09'43.8282"N	80°48'41.7437"W	5647.95	290.523	1.85	-0.84	-1.64
11567.00	88.800	333.980	6627.72	5216.76	2066.61	-5331.09	1628060.05	243978.96	39°09'44.6770"N	80°48'42.2880"W	5717.64	291.189	0.70	-0.19	-0.68



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Actual Wellpath Report

OXF43 31H (516240) AWP Proj: 18017'

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	OXF43 31H (516240)
Field	Doddridge	API/Legal	
Facility	OXF43 Pad	Wellbore	OXF43 31H (516240) AWB
Slot	Slot #31		

WELLPATH DATA (249 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]
11662.00	90.280	335.270	6628.48	5306.43	2152.43	-5371.80	1628019.34	244064.78	39°09'45.5193"N	80°48'42.8207"W	5786.98	291.836	2.07	1.56	1.36
11757.00	91.450	336.320	6627.05	5395.43	2239.07	-5410.74	1627980.40	244151.42	39°09'46.3699"N	80°48'43.3311"W	5855.73	292.481	1.65	1.23	1.11
11852.00	89.750	336.750	6626.06	5484.00	2326.20	-5448.57	1627942.58	244238.55	39°09'47.2256"N	80°48'43.8275"W	5924.36	293.120	1.85	-1.79	0.45
11948.00	89.080	336.390	6627.04	5573.49	2414.28	-5486.74	1627904.41	244326.63	39°09'48.0906"N	80°48'44.3283"W	5994.42	293.751	0.79	-0.70	-0.38
12043.00	88.550	336.450	6629.00	5662.12	2501.33	-5524.73	1627866.41	244413.67	39°09'48.9454"N	80°48'44.8268"W	6064.59	294.359	0.56	-0.56	0.06
12138.00	88.180	335.580	6631.71	5750.97	2588.09	-5563.33	1627827.81	244500.43	39°09'49.7973"N	80°48'45.3329"W	6135.87	294.948	0.99	-0.39	-0.92
12234.00	88.920	333.410	6634.14	5841.62	2674.70	-5604.65	1627786.50	244587.04	39°09'50.6473"N	80°48'45.8735"W	6210.17	295.512	2.39	0.77	-2.26
12329.00	87.720	337.600	6636.93	5930.75	2761.09	-5644.01	1627747.13	244673.43	39°09'51.4954"N	80°48'46.3892"W	6283.20	296.068	4.59	-1.26	4.41
12425.00	88.000	338.430	6640.51	6019.27	2850.05	-5679.93	1627711.22	244762.38	39°09'52.3693"N	80°48'46.8617"W	6354.87	296.646	0.91	0.29	0.86
12520.00	87.940	337.420	6643.88	6106.93	2938.03	-5715.61	1627675.54	244850.36	39°09'53.2337"N	80°48'47.3309"W	6426.52	297.205	1.06	-0.06	-1.06
12615.00	90.310	337.860	6645.33	6194.82	3025.87	-5751.74	1627639.41	244938.20	39°09'54.0966"N	80°48'47.8059"W	6499.11	297.748	2.54	2.49	0.46
12710.00	88.030	338.090	6646.70	6282.49	3113.92	-5787.36	1627603.79	245026.25	39°09'54.9616"N	80°48'48.2745"W	6571.91	298.283	2.41	-2.40	0.24
12806.00	92.740	340.990	6646.06	6370.03	3203.83	-5820.91	1627570.25	245116.15	39°09'55.8453"N	80°48'48.7170"W	6644.36	298.828	5.76	4.91	3.02
12901.00	89.140	336.530	6644.50	6457.16	3292.33	-5855.30	1627535.85	245204.64	39°09'56.7149"N	80°48'49.1701"W	6717.44	299.348	6.03	-3.79	-4.69
12997.00	90.030	338.400	6645.20	6546.09	3380.99	-5892.09	1627499.06	245293.30	39°09'57.5859"N	80°48'49.6536"W	6793.22	299.848	2.16	0.93	1.95
13092.00	89.510	338.280	6645.58	6633.54	3469.28	-5927.16	1627464.00	245381.59	39°09'58.4534"N	80°48'50.1151"W	6867.83	300.341	0.56	-0.55	-0.13
13187.00	87.810	337.670	6647.80	6721.21	3557.32	-5962.77	1627428.39	245469.63	39°09'59.3183"N	80°48'50.5836"W	6943.28	300.820	1.90	-1.79	-0.64
13283.00	92.250	337.890	6647.75	6809.92	3646.17	-5999.07	1627392.09	245558.48	39°10'0.1911"N	80°48'51.0608"W	7020.21	301.291	4.63	4.62	0.23
13377.00	88.490	338.410	6647.14	6896.56	3733.40	-6034.04	1627357.12	245645.70	39°10'1.0482"N	80°48'51.5211"W	7095.63	301.746	4.04	-4.00	0.55
13472.00	89.320	336.650	6648.96	6984.51	3821.17	-6070.34	1627320.82	245733.47	39°10'1.9103"N	80°48'51.9982"W	7172.89	302.190	2.05	0.87	-1.85
13568.00	89.050	338.870	6650.32	7073.24	3910.01	-6106.67	1627284.49	245822.31	39°10'2.7831"N	80°48'52.4759"W	7251.18	302.631	2.33	-0.28	2.31
13663.00	89.540	337.040	6651.49	7160.93	3998.05	-6142.33	1627248.84	245910.35	39°10'3.6481"N	80°48'52.9449"W	7328.89	303.060	1.99	0.52	-1.93
13759.00	89.420	338.790	6652.36	7249.58	4087.00	-6178.42	1627212.75	245999.30	39°10'4.5219"N	80°48'53.4196"W	7407.86	303.484	1.83	-0.13	1.82
13854.00	89.970	338.060	6652.87	7336.98	4175.34	-6213.35	1627177.81	246087.64	39°10'5.3899"N	80°48'53.8795"W	7485.93	303.901	0.96	0.58	-0.77
13949.00	90.030	339.370	6652.87	7424.18	4263.86	-6247.83	1627143.33	246176.15	39°10'6.2597"N	80°48'54.3337"W	7564.12	304.312	1.38	0.06	1.38
14045.00	89.940	331.720	6652.89	7514.21	4351.18	-6287.55	1627103.62	246263.47	39°10'7.1170"N	80°48'54.8541"W	7646.31	304.684	7.97	-0.09	-7.97
14140.00	89.720	327.540	6653.18	7606.26	4433.13	-6335.57	1627055.60	246345.42	39°10'7.9199"N	80°48'55.4790"W	7732.53	304.981	4.41	-0.23	-4.40
14235.00	88.400	327.450	6654.73	7699.12	4513.23	-6386.61	1627004.56	246425.52	39°10'8.7042"N	80°48'56.1419"W	7820.36	305.248	1.39	-1.39	-0.09
14331.00	89.720	335.190	6656.31	7791.33	4597.38	-6432.64	1626958.53	246509.66	39°10'9.5291"N	80°48'56.7419"W	7906.63	305.553	8.18	1.38	8.06
14426.00	89.570	334.920	6656.90	7880.76	4683.52	-6472.70	1626918.47	246595.79	39°10'10.3746"N	80°48'57.2666"W	7989.44	305.889	0.33	-0.16	-0.28



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Actual Wellpath Report

OXF43 31H (516240) AWP Proj: 18017'

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	OXF43 31H (516240)
Field	Doddridge	API/Legal	
Facility	OXF43 Pad	Wellbore	OXF43 31H (516240) AWB
Slot	Slot #31		

WELLPATH DATA (249 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]
14522.00	89.750	331.930	6657.47	7972.01	4769.36	-6515.64	1626875.53	246681.64	39°10'11.2168"N	80°48'57.8277"W	8074.68	306.204	3.12	0.19	-3.11
14617.00	88.980	331.100	6658.52	8063.25	4852.86	-6560.95	1626830.22	246765.13	39°10'12.0354"N	80°48'58.4184"W	8160.65	306.489	1.19	-0.81	-0.87
14712.00	89.750	334.600	6659.58	8153.83	4937.37	-6604.29	1626786.88	246849.64	39°10'12.8643"N	80°48'58.9843"W	8245.86	306.782	3.77	0.81	3.68
14807.00	90.280	336.400	6659.55	8243.01	5023.81	-6643.68	1626747.49	246936.08	39°10'13.7129"N	80°48'59.5006"W	8329.30	307.096	1.98	0.56	1.89
14902.00	90.150	342.850	6659.19	8329.57	5112.82	-6676.74	1626714.44	247025.09	39°10'14.5878"N	80°48'59.9368"W	8409.51	307.444	6.79	-0.14	6.79
14998.00	90.280	347.680	6658.83	8412.75	5205.63	-6701.15	1626690.03	247117.90	39°10'15.5016"N	80°49'0.2640"W	8485.52	307.841	5.03	0.14	5.03
15092.00	89.850	347.420	6658.73	8492.29	5297.42	-6721.42	1626669.76	247209.69	39°10'16.4058"N	80°49'0.5384"W	8558.05	308.243	0.53	-0.46	-0.28
15188.00	90.710	340.690	6658.26	8576.45	5389.67	-6747.77	1626643.41	247301.93	39°10'17.3137"N	80°49'0.8901"W	8636.03	308.616	7.07	0.90	-7.01
15283.00	89.660	334.850	6657.95	8664.23	5477.57	-6783.70	1626607.48	247389.83	39°10'18.1771"N	80°49'1.3626"W	8719.08	308.920	6.25	-1.11	-6.15
15378.00	89.480	334.790	6658.66	8753.79	5563.54	-6824.12	1626567.06	247475.80	39°10'19.0209"N	80°49'1.8917"W	8804.63	309.190	0.20	-0.19	-0.06
15474.00	89.750	336.330	6659.31	8843.88	5650.94	-6863.83	1626527.35	247563.19	39°10'19.8789"N	80°49'2.4123"W	8890.74	309.464	1.63	0.28	1.60
15569.00	89.630	335.640	6659.82	8932.78	5737.71	-6902.50	1626488.69	247649.96	39°10'20.7308"N	80°49'2.9193"W	8975.84	309.735	0.74	-0.13	-0.73
15664.00	89.750	334.740	6660.34	9022.14	5823.94	-6942.36	1626448.83	247736.19	39°10'21.5773"N	80°49'3.4414"W	9061.71	309.993	0.96	0.13	-0.95
15759.00	89.540	336.310	6660.92	9111.30	5910.40	-6981.71	1626409.47	247822.65	39°10'22.4260"N	80°49'3.9572"W	9147.52	310.250	1.67	-0.22	1.65
15855.00	89.170	338.170	6662.01	9200.37	5998.92	-7018.85	1626372.34	247911.16	39°10'23.2954"N	80°49'4.4452"W	9233.16	310.520	1.98	-0.39	1.94
15950.00	89.480	334.820	6663.13	9288.96	6086.02	-7056.73	1626334.46	247998.25	39°10'24.1507"N	80°49'4.9423"W	9318.64	310.776	3.54	0.33	-3.53
16045.00	89.690	324.010	6663.82	9380.97	6167.67	-7104.99	1626286.19	248079.91	39°10'24.9508"N	80°49'5.5703"W	9408.57	310.960	11.38	0.22	-11.38
16140.00	89.880	325.820	6664.17	9474.65	6245.41	-7159.60	1626231.59	248157.64	39°10'25.7111"N	80°49'6.2780"W	9500.79	311.099	1.92	0.20	1.91
16236.00	90.030	336.240	6664.25	9566.95	6329.28	-7206.03	1626185.16	248241.51	39°10'26.5332"N	80°49'6.8832"W	9590.97	311.294	10.86	0.16	10.85
16331.00	89.290	335.240	6664.81	9655.99	6415.89	-7245.06	1626146.13	248328.12	39°10'27.3835"N	80°49'7.3949"W	9677.53	311.527	1.31	-0.78	-1.05
16426.00	89.630	344.620	6665.71	9742.28	6505.02	-7277.63	1626113.57	248417.24	39°10'28.2596"N	80°49'7.8249"W	9761.10	311.792	9.88	0.36	9.87
16522.00	90.340	344.390	6665.73	9826.12	6597.53	-7303.27	1626087.92	248509.75	39°10'29.1702"N	80°49'8.1678"W	9842.01	312.094	0.78	0.74	-0.24
16617.00	90.120	337.040	6665.35	9911.90	6687.13	-7334.63	1626056.57	248599.36	39°10'30.0512"N	80°49'8.5826"W	9925.45	312.356	7.74	-0.23	-7.74
16712.00	89.970	332.120	6665.28	10001.57	6772.91	-7375.39	1626015.80	248685.13	39°10'30.8930"N	80°49'9.1162"W	10013.43	312.562	5.18	-0.16	-5.18
16807.00	90.090	331.860	6665.23	10092.59	6856.78	-7420.01	1625971.19	248769.00	39°10'31.7154"N	80°49'9.6983"W	10103.07	312.741	0.30	0.13	-0.27
16903.00	90.770	335.480	6664.51	10183.71	6942.81	-7462.58	1625928.62	248855.02	39°10'32.5594"N	80°49'10.2548"W	10192.77	312.934	3.84	0.71	3.77
16998.00	90.580	335.380	6663.39	10272.93	7029.20	-7502.08	1625889.12	248941.41	39°10'33.4075"N	80°49'10.7724"W	10280.60	313.136	0.23	-0.20	-0.11
17093.00	90.550	339.820	6662.45	10360.83	7117.00	-7538.27	1625852.93	249029.21	39°10'34.2700"N	80°49'11.2483"W	10367.12	313.353	4.67	-0.03	4.67
17189.00	91.050	349.850	6661.11	10444.28	7209.53	-7563.35	1625827.85	249121.74	39°10'35.1808"N	80°49'11.5840"W	10449.00	313.628	10.46	0.52	10.45
17284.00	90.650	344.960	6659.70	10524.76	7302.21	-7584.05	1625807.15	249214.41	39°10'36.0937"N	80°49'11.8642"W	10528.06	313.915	5.16	-0.42	-5.15



Where energy meets innovation.

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	OXF43 31H (516240)
Field	Doddridge	API/Legal	
Facility	OXF43 Pad	Wellbore	OXF43 31H (516240) AWB
Slot	Slot #31		

WELLPATH DATA (249 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]
17380.00	90.220	338.500	6658.97	10610.72	7393.32	-7614.13	1625777.07	249305.52	39°10'36.9897"N	80°49'12.2631"W	10613.02	314.157	6.74	-0.45	-6.73
17475.00	90.250	338.990	6658.58	10697.91	7481.85	-7648.57	1625742.63	249394.05	39°10'37.8597"N	80°49'12.7169"W	10699.48	314.369	0.52	0.03	0.52
17571.00	90.890	338.750	6657.62	10785.93	7571.39	-7683.18	1625708.03	249483.59	39°10'38.7396"N	80°49'13.1730"W	10786.90	314.580	0.71	0.67	-0.25
17666.00	90.580	335.050	6656.40	10874.26	7658.75	-7720.44	1625670.77	249570.95	39°10'39.5976"N	80°49'13.6624"W	10874.82	314.770	3.91	-0.33	-3.89
17760.00	90.150	334.050	6655.80	10963.03	7743.63	-7760.83	1625630.38	249655.82	39°10'40.4305"N	80°49'14.1911"W	10963.32	314.936	1.16	-0.46	-1.06
17856.00	90.250	335.310	6655.47	11053.62	7830.40	-7801.89	1625589.32	249742.60	39°10'41.2822"N	80°49'14.7286"W	11053.72	315.105	1.32	0.10	1.31
17951.00	90.310	336.260	6655.00	11142.64	7917.04	-7840.85	1625550.36	249829.23	39°10'42.1327"N	80°49'15.2395"W	11142.65	315.277	1.00	0.06	1.00
17992.00	90.060	337.540	6654.87	11180.77	7954.76	-7856.94	1625534.27	249866.94	39°10'42.5031"N	80°49'15.4508"W	11180.77	315.354	3.18	-0.61	3.12
18017.00‡	90.060	337.540	6654.85	11203.92	7977.86	-7866.49	1625524.72	249890.05	39°10'42.7300"N	80°49'15.5764"W	11203.92	315.403	0.00	0.00	0.00

HOLE & CASING SECTIONS - Ref Wellbore: OXF43 31H (516240) AWB Ref Wellpath: OXF43 31H (516240) AWP Proj: 18017'

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 Open Hole	28.00	68.00	40.00	28.00	68.00	0.00	0.00	-0.01	0.03
17.5in Open Hole	68.00	568.00	500.00	68.00	568.00	-0.01	0.03	-0.47	0.39
13.375in Casing Surface	28.00	568.00	540.00	28.00	568.00	0.00	0.00	-0.47	0.39
12.25in Open Hole	568.00	5668.00	5100.00	568.00	5347.48	-0.47	0.39	-270.89	-1531.30
9.625in Open Hole	28.00	5628.00	5600.00	28.00	5310.64	0.00	0.00	-268.60	-1515.88
8.5in Open Hole	5668.00	18017.00	12349.00	5347.48	6654.85	-270.89	-1531.30	7977.86	-7866.49
5.5in Casing Production	28.00	18017.00	17989.00	28.00	6654.85	0.00	0.00	7977.86	-7866.49



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Actual Wellpath Report

OXF43 31H (516240) AWP Proj: 18017'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 31H (516240)
Field	Doddridge	API/Legal	
Facility	OXF43 Pad	Wellbore	OXF43 31H (516240) AWB
Slot	Slot #31		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
OXF43 31H (516240) BHL Rev-1	6516.70	7970.74	-7874.60	1625516.61	249882.93	39°10'42.6585"N	80°49'15.6781"W	point
OXF43 31H (516240) LP Rev-1	6673.00	-247.46	-4312.21	1629078.90	241664.96	39°09'21.9541"N	80°48'28.9264"W	point
OXF43 Pad Hardline #1 (8.10.20)	7000.00	3101.41	-7524.62	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	3688.68	-1561.80	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	-12153.30	5917.14	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	-11987.71	1633.24	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	-10316.59	1016.30	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	1570.47	-4889.53	1628501.60	243482.84	39°09'39.8374"N	80°48'36.5909"W	polygon
2D Polygon: dimensions not calculated								



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Actual Wellpath Report

OXF43 31H (516240) AWP Proj: 18017'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 31H (516240)
Field	Doddridge	API/Legal	
Facility	OXF43 Pad	Wellbore	OXF43 31H (516240) AWB
Slot	Slot #31		

WELLPATH COMPOSITION - Ref Wellbore: OXF43 31H (516240) AWB Ref Wellpath: OXF43 31H (516240) AWP Proj: 18017'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
28.00	2000.00	Gyrodatta 2015 - CT+WIR+ALC	01_Gyrodatta Cont Gyro <12-1/4">(100'-2000')	OXF43 31H (516240) AWB	29/Jul/2020
2000.00	5589.00	OWSG MWD rev2 - Standard	02_SDI MWD <12-1/4">(2000')(2074'-5589')	OXF43 31H (516240) AWB	06/Aug/2020
5589.00	18017.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	03_BH AT Curve + MagVAR MSA <8-1/2">(5589')(5658'-17992')	OXF43 31H (516240) AWB	17/Aug/2020



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Actual Wellpath Report

OXF43 31H (516240) AWP Proj: 18017'

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	OXF43 31H (516240)
Field	Doddridge	API/Legal	
Facility	OXF43 Pad	Wellbore	OXF43 31H (516240) AWB
Slot	Slot #31		

COMMENTS

Wellpath general comments

API: 47-017-06748-0000

BH Job #: 110538244

Rig: Patterson 277

Duration: 8/19/20 - 8/22/20

Gyrodata Cont Gyro <12-1/4">(100'-2000')

SDI MWD <12-1/4">(2000')(2074'-5589')

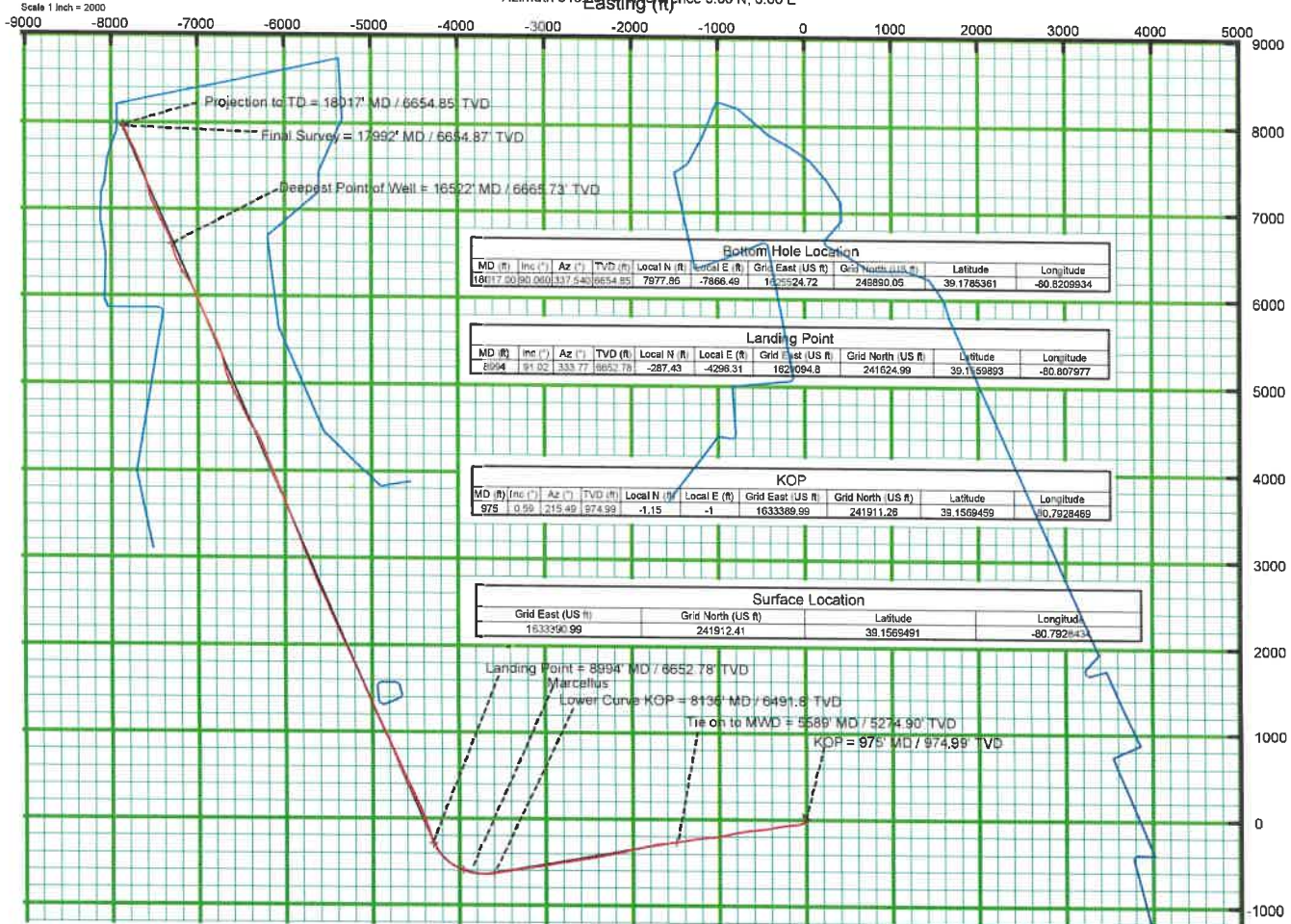
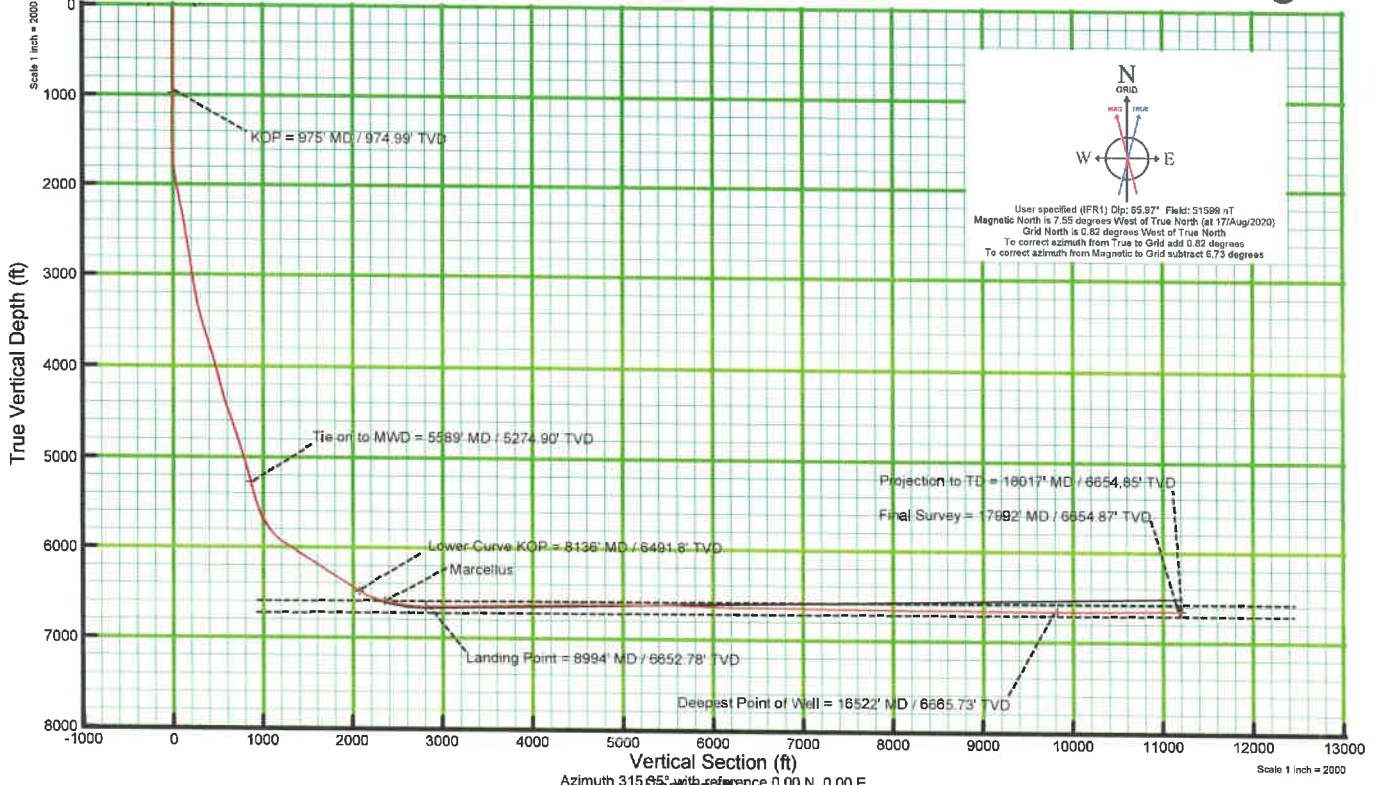
BH AT Curve + MagVAR MSA <8-1/2">(5589')(5658'-17992')

Projected MD at TD: 18017'



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



12/24/2021