



Where energy meets innovation.

# Actual Wellpath Report

OXF43 22H (516230) AWP Proj: 11897'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 22H (516230)
Field	Doddridge	API	47-017-06741-0000
Facility	OXF43 Pad	Wellbore	OXF43 22H (516230) AWB
Slot	Slot #22		

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	14/Sep/2020 at 07:08
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	10.62	19.61	1633399.44	241933.05	39°09'25.2219"N	80°47'34.1328"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 #22)	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	355.63°



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## WELLPATH DATA (127 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	307.180	0.00	0.00	0.00	0.00	1633399.44	241933.05	39°09'25.2219"N	80°47'34.1328"W	0.00	0.000	0.00	0.00	0.00
28.00	0.000	307.180	28.00	0.00	0.00	0.00	1633399.44	241933.05	39°09'25.2219"N	80°47'34.1328"W	0.00	0.000	0.00	0.00	0.00
115.00	0.490	307.180	115.00	0.25	0.22	-0.30	1633399.14	241933.27	39°09'25.2241"N	80°47'34.1366"W	0.37	307.180	0.56	0.56	0.00
215.00	0.770	322.190	214.99	1.09	1.01	-1.05	1633398.39	241934.06	39°09'25.2318"N	80°47'34.1463"W	1.46	314.030	0.32	0.28	15.01
315.00	0.880	332.600	314.98	2.36	2.23	-1.81	1633397.63	241935.28	39°09'25.2436"N	80°47'34.1563"W	2.87	320.827	0.19	0.11	10.41
415.00	1.010	345.390	414.97	3.93	3.76	-2.39	1633397.05	241936.81	39°09'25.2587"N	80°47'34.1638"W	4.46	327.567	0.25	0.13	12.79
515.00	1.120	358.270	514.95	5.78	5.59	-2.64	1633396.80	241938.64	39°09'25.2768"N	80°47'34.1674"W	6.18	334.709	0.26	0.11	12.88
615.00	1.270	9.550	614.93	7.83	7.66	-2.49	1633396.95	241940.71	39°09'25.2973"N	80°47'34.1658"W	8.05	342.011	0.28	0.15	11.28
715.00	1.290	10.390	714.91	9.99	9.86	-2.10	1633397.34	241942.91	39°09'25.3190"N	80°47'34.1613"W	10.08	347.974	0.03	0.02	0.84
815.00	1.310	9.420	814.88	12.19	12.10	-1.71	1633397.73	241945.15	39°09'25.3412"N	80°47'34.1567"W	12.22	351.951	0.03	0.02	-0.97
915.00	1.260	7.100	914.85	14.38	14.31	-1.39	1633398.05	241947.36	39°09'25.3632"N	80°47'34.1530"W	14.38	354.463	0.07	-0.05	-2.32
1015.00	1.310	8.150	1014.83	16.57	16.54	-1.09	1633398.35	241949.59	39°09'25.3852"N	80°47'34.1497"W	16.57	356.230	0.06	0.05	1.05
1115.00	1.270	6.820	1114.80	18.77	18.77	-0.80	1633398.64	241951.82	39°09'25.4073"N	80°47'34.1464"W	18.79	357.572	0.05	-0.04	-1.33
1215.00	1.220	1.960	1214.78	20.92	20.93	-0.63	1633398.81	241953.98	39°09'25.4287"N	80°47'34.1446"W	20.94	358.282	0.12	-0.05	-4.86
1315.00	1.240	2.560	1314.76	23.05	23.08	-0.54	1633398.90	241956.13	39°09'25.4499"N	80°47'34.1439"W	23.08	358.652	0.02	0.02	0.60
1415.00	1.280	1.880	1414.73	25.24	25.28	-0.46	1633398.98	241958.32	39°09'25.4716"N	80°47'34.1433"W	25.28	358.961	0.04	0.04	-0.68
1515.00	1.440	2.700	1514.70	27.59	27.65	-0.36	1633399.08	241960.70	39°09'25.4951"N	80°47'34.1425"W	27.65	359.249	0.16	0.16	0.82
1615.00	1.460	3.440	1614.67	30.10	30.17	-0.23	1633399.21	241963.22	39°09'25.5201"N	80°47'34.1412"W	30.17	359.569	0.03	0.02	0.74
1715.00	1.320	4.130	1714.64	32.50	32.59	-0.07	1633399.37	241965.64	39°09'25.5440"N	80°47'34.1396"W	32.59	359.882	0.14	-0.14	0.69
1815.00	1.040	2.140	1814.62	34.55	34.65	0.05	1633399.49	241967.70	39°09'25.5643"N	80°47'34.1385"W	34.65	0.082	0.28	-0.28	-1.99
1915.00	0.980	359.250	1914.61	36.30	36.41	0.07	1633399.51	241969.46	39°09'25.5818"N	80°47'34.1386"W	36.41	0.114	0.08	-0.06	-2.89
2015.00	0.950	355.620	2014.59	37.98	38.09	0.00	1633399.44	241971.14	39°09'25.5984"N	80°47'34.1398"W	38.09	359.996	0.07	-0.03	-3.63
2115.00	1.030	347.960	2114.58	39.70	39.80	-0.25	1633399.19	241972.85	39°09'25.6152"N	80°47'34.1433"W	39.80	359.636	0.15	0.08	-7.66
2215.00	1.110	344.490	2214.56	41.54	41.61	-0.70	1633398.74	241974.66	39°09'25.6330"N	80°47'34.1493"W	41.62	359.037	0.10	0.08	-3.47
2315.00	1.170	341.430	2314.54	43.48	43.51	-1.28	1633398.16	241976.56	39°09'25.6517"N	80°47'34.1571"W	43.53	358.310	0.09	0.06	-3.06
2415.00	1.270	336.530	2414.52	45.52	45.50	-2.05	1633397.39	241978.55	39°09'25.6712"N	80°47'34.1672"W	45.54	357.420	0.14	0.10	-4.90
2515.00	1.330	334.420	2514.49	47.65	47.56	-2.99	1633396.45	241980.61	39°09'25.6915"N	80°47'34.1795"W	47.65	356.399	0.08	0.06	-2.11
2615.00	1.390	331.400	2614.46	49.84	49.67	-4.07	1633395.37	241982.72	39°09'25.7122"N	80°47'34.1936"W	49.84	355.311	0.09	0.06	-3.02
2715.00	1.500	324.280	2714.43	52.06	51.80	-5.42	1633394.02	241984.85	39°09'25.7331"N	80°47'34.2111"W	52.08	354.028	0.21	0.11	-7.12
2815.00	1.580	321.880	2814.40	54.33	53.95	-7.03	1633392.41	241986.99	39°09'25.7540"N	80°47'34.2320"W	54.40	352.571	0.10	0.08	-2.40





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Field	Doddridge	API	47-017-06741-0000
Facility	OXF43 Pad	Wellbore	OXF43 22H (516230) AWB
Slot	Slot #22		

## WELLPATH DATA (127 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]
2915.00	1.620	318.180	2914.36	56.59	56.08	-8.83	1633390.61	241989.13	39°09'25.7749"N	80°47'34.2551"W	56.77	351.055	0.11	0.04	-3.70
3015.00	1.650	312.020	3014.32	58.76	58.10	-10.84	1633388.60	241991.15	39°09'25.7946"N	80°47'34.2810"W	59.10	349.432	0.18	0.03	-6.16
3115.00	1.690	309.140	3114.27	60.82	60.00	-13.05	1633386.39	241993.04	39°09'25.8130"N	80°47'34.3095"W	61.40	347.726	0.09	0.04	-2.88
3215.00	1.710	307.040	3214.23	62.82	61.83	-15.39	1633384.05	241994.87	39°09'25.8307"N	80°47'34.3394"W	63.71	346.024	0.07	0.02	-2.10
3315.00	1.720	304.360	3314.19	64.74	63.57	-17.82	1633381.62	241996.62	39°09'25.8476"N	80°47'34.3706"W	66.02	344.343	0.08	0.01	-2.68
3415.00	1.690	299.190	3414.14	66.50	65.14	-20.34	1633379.10	241998.19	39°09'25.8628"N	80°47'34.4030"W	68.24	342.655	0.16	-0.03	-5.17
3515.00	1.680	296.420	3514.10	68.06	66.51	-22.94	1633376.50	241999.56	39°09'25.8759"N	80°47'34.4362"W	70.36	340.967	0.08	-0.01	-2.77
3615.00	1.640	295.030	3614.06	69.52	67.77	-25.55	1633373.89	242000.81	39°09'25.8880"N	80°47'34.4696"W	72.42	339.340	0.06	-0.04	-1.39
3715.00	1.560	294.180	3714.02	70.87	68.93	-28.09	1633371.35	242001.98	39°09'25.8991"N	80°47'34.5020"W	74.43	337.827	0.08	-0.08	-0.85
3815.00	1.580	293.470	3813.98	72.16	70.04	-30.60	1633368.84	242003.08	39°09'25.9097"N	80°47'34.5340"W	76.43	336.400	0.03	0.02	-0.71
3915.00	1.580	298.990	3913.94	73.57	71.25	-33.07	1633366.37	242004.30	39°09'25.9214"N	80°47'34.5656"W	78.55	335.104	0.15	0.00	5.52
4015.00	1.590	303.860	4013.90	75.18	72.69	-35.43	1633364.01	242005.74	39°09'25.9353"N	80°47'34.5958"W	80.87	334.018	0.14	0.01	4.87
4115.00	1.770	307.590	4113.86	77.07	74.41	-37.80	1633361.64	242007.46	39°09'25.9519"N	80°47'34.6262"W	83.46	333.068	0.21	0.18	3.73
4215.00	1.950	311.450	4213.81	79.33	76.48	-40.30	1633359.14	242009.53	39°09'25.9720"N	80°47'34.6583"W	86.45	332.212	0.22	0.18	3.86
4315.00	2.450	316.130	4313.73	82.20	79.15	-43.06	1633356.38	242012.19	39°09'25.9980"N	80°47'34.6938"W	90.10	331.452	0.53	0.50	4.68
4415.00	2.530	317.130	4413.64	85.57	82.30	-46.04	1633353.40	242015.35	39°09'26.0287"N	80°47'34.7323"W	94.31	330.777	0.09	0.08	1.00
4515.00	2.950	319.690	4513.52	89.38	85.88	-49.21	1633350.23	242018.93	39°09'26.0637"N	80°47'34.7731"W	98.98	330.189	0.44	0.42	2.56
4615.00	3.370	322.230	4613.37	93.92	90.17	-52.67	1633346.77	242023.22	39°09'26.1055"N	80°47'34.8179"W	104.43	329.709	0.44	0.42	2.54
4715.00	3.810	324.500	4713.18	99.22	95.20	-56.40	1633343.04	242028.24	39°09'26.1547"N	80°47'34.8661"W	110.65	329.355	0.46	0.44	2.27
4815.00	4.160	325.700	4812.93	105.21	100.90	-60.37	1633339.07	242033.95	39°09'26.2105"N	80°47'34.9176"W	117.58	329.105	0.36	0.35	1.20
4915.00	4.470	326.270	4912.65	111.75	107.14	-64.58	1633334.86	242040.18	39°09'26.2715"N	80°47'34.9722"W	125.10	328.918	0.31	0.31	0.57
5015.00	4.590	327.180	5012.34	118.66	113.74	-68.92	1633330.53	242046.79	39°09'26.3362"N	80°47'35.0284"W	132.99	328.788	0.14	0.12	0.91
5115.00	4.920	327.630	5111.99	125.96	120.72	-73.38	1633326.06	242053.77	39°09'26.4046"N	80°47'35.0863"W	141.28	328.707	0.33	0.33	0.45
5215.00	5.380	327.620	5211.59	133.89	128.30	-78.19	1633321.26	242061.35	39°09'26.4788"N	80°47'35.1487"W	150.25	328.643	0.46	0.46	-0.01
5315.00	5.500	329.810	5311.14	142.34	136.41	-83.11	1633316.34	242069.45	39°09'26.5582"N	80°47'35.2126"W	159.73	328.648	0.24	0.12	2.19
5402.00	5.670	331.750	5397.73	150.02	143.80	-87.24	1633312.20	242076.84	39°09'26.6306"N	80°47'35.2664"W	168.19	328.756	0.29	0.20	2.23
5427.00	5.730	332.820	5422.60	152.30	145.99	-88.39	1633311.05	242079.04	39°09'26.6522"N	80°47'35.2815"W	170.67	328.807	0.49	0.24	4.28
5467.00	5.980	340.370	5462.39	156.16	149.73	-90.00	1633309.44	242082.78	39°09'26.6889"N	80°47'35.3026"W	174.70	328.990	2.02	0.62	18.87
5562.00	6.100	13.310	5556.90	165.74	159.31	-90.50	1633308.94	242092.35	39°09'26.7835"N	80°47'35.3107"W	183.22	330.399	3.60	0.13	34.67
5658.00	8.040	58.820	5652.23	173.64	167.75	-83.58	1633315.86	242100.80	39°09'26.8679"N	80°47'35.2244"W	187.42	333.516	5.98	2.02	47.41





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5750.00	13.670	89.130	5742.62	175.88	171.26	-67.18	1633332.26	242104.30	39°09'26.9049"N	80°47'35.0169"W	183.96	338.581	8.52	6.12	32.95
5845.00	22.540	96.530	5832.84	171.74	169.35	-37.80	1633361.64	242102.40	39°09'26.8902"N	80°47'34.6436"W	173.52	347.416	9.63	9.34	7.79
5941.00	29.990	97.720	5918.86	163.22	164.03	4.31	1633403.75	242097.07	39°09'26.8436"N	80°47'34.1081"W	164.09	1.505	7.78	7.76	1.24
6037.00	38.520	99.580	5998.14	150.97	155.82	57.66	1633457.10	242088.86	39°09'26.7700"N	80°47'33.4293"W	166.14	20.308	8.95	8.89	1.94
6132.00	47.340	100.620	6067.63	134.77	144.43	121.29	1633520.73	242077.48	39°09'26.6666"N	80°47'32.6196"W	188.61	40.023	9.31	9.28	1.09
6227.00	54.600	100.570	6127.41	115.73	130.87	193.78	1633593.22	242063.92	39°09'26.5429"N	80°47'31.6970"W	233.84	55.966	7.64	7.64	-0.05
6323.00	62.060	99.530	6177.78	95.42	116.66	274.18	1633673.61	242049.70	39°09'26.4138"N	80°47'30.6739"W	297.97	66.952	7.83	7.77	-1.08
6418.00	69.260	97.500	6216.91	76.18	103.89	359.73	1633759.16	242036.94	39°09'26.2998"N	80°47'29.5857"W	374.43	73.891	7.82	7.58	-2.14
6513.00	70.150	99.950	6249.87	55.99	90.37	447.79	1633847.22	242023.42	39°09'26.1787"N	80°47'28.4654"W	456.82	78.590	2.59	0.94	2.58
6608.00	70.050	99.760	6282.21	34.04	75.08	535.80	1633935.22	242008.13	39°09'26.0401"N	80°47'27.3455"W	541.03	82.023	0.22	-0.11	-0.20
6704.00	69.980	96.140	6315.03	14.79	62.61	625.13	1634024.55	241995.66	39°09'25.9295"N	80°47'26.2093"W	628.26	84.281	3.54	-0.07	-3.77
6799.00	69.690	90.220	6347.80	3.08	57.66	714.12	1634113.54	241990.71	39°09'25.8932"N	80°47'25.0788"W	716.44	85.384	5.86	-0.31	-6.23
6894.00	66.870	82.880	6382.99	1.61	62.91	802.13	1634201.55	241995.96	39°09'25.9576"N	80°47'23.9626"W	804.60	85.516	7.77	-2.97	-7.73
6989.00	66.930	75.540	6420.31	11.37	79.25	887.89	1634287.31	242012.30	39°09'26.1313"N	80°47'22.8770"W	891.42	84.899	7.11	0.06	-7.73
7085.00	66.570	63.410	6458.33	35.84	110.09	970.30	1634369.71	242043.14	39°09'26.4478"N	80°47'21.8366"W	976.53	83.527	11.61	-0.38	-12.64
7180.00	67.700	50.580	6495.37	77.71	157.68	1043.49	1634442.90	242090.72	39°09'26.9284"N	80°47'20.9163"W	1055.33	81.407	12.50	1.19	-13.51
7275.00	70.090	39.830	6529.66	135.12	220.05	1106.21	1634505.62	242153.09	39°09'27.5537"N	80°47'20.1314"W	1127.89	78.749	10.85	2.52	-11.32
7371.00	71.480	30.470	6561.32	204.97	294.09	1158.30	1634557.71	242227.13	39°09'28.2928"N	80°47'19.4837"W	1195.05	75.754	9.32	1.45	-9.75
7466.00	73.040	24.730	6590.29	281.70	374.24	1200.19	1634599.59	242307.28	39°09'29.0909"N	80°47'18.9667"W	1257.18	72.682	5.98	1.64	-6.04
7561.00	74.390	19.380	6616.94	363.33	458.72	1234.40	1634633.80	242391.76	39°09'29.9307"N	80°47'18.5478"W	1316.88	69.614	5.59	1.42	-5.63
7657.00	74.920	13.110	6642.37	449.93	547.56	1260.27	1634659.68	242480.59	39°09'30.8123"N	80°47'18.2355"W	1374.08	66.516	6.32	0.55	-6.53
7752.00	74.670	7.680	6667.30	538.54	637.69	1276.81	1634676.22	242570.72	39°09'31.7054"N	80°47'18.0420"W	1427.20	63.461	5.52	-0.26	-5.72
7847.00	79.130	359.400	6688.87	630.09	729.93	1282.46	1634681.86	242662.96	39°09'32.6178"N	80°47'17.9871"W	1475.63	60.353	9.70	4.69	-8.72
7942.00	84.390	351.780	6702.50	724.00	823.56	1275.19	1634674.60	242756.59	39°09'33.5422"N	80°47'18.0964"W	1518.02	57.144	9.68	5.54	-8.02
8038.00	88.860	339.930	6708.17	818.25	916.29	1251.80	1634651.21	242849.32	39°09'34.4553"N	80°47'18.4102"W	1551.32	53.797	13.17	4.66	-12.34
8133.00	89.880	331.180	6709.21	907.38	1002.69	1212.53	1634611.93	242935.71	39°09'35.3036"N	80°47'18.9244"W	1573.41	50.411	9.27	1.07	-9.21
8228.00	90.220	335.280	6709.13	995.20	1087.49	1169.75	1634569.16	243020.51	39°09'36.1356"N	80°47'19.4829"W	1597.17	47.087	4.33	0.36	4.32
8324.00	89.850	335.190	6709.07	1085.18	1174.66	1129.53	1634528.94	243107.68	39°09'36.9914"N	80°47'20.0093"W	1629.62	43.878	0.40	-0.39	-0.09
8419.00	89.540	333.600	6709.58	1173.72	1260.33	1088.48	1634487.89	243193.34	39°09'37.8322"N	80°47'20.5460"W	1665.30	40.816	1.71	-0.33	-1.67
8514.00	90.770	335.590	6709.32	1262.39	1346.13	1047.73	1634447.14	243279.14	39°09'38.6744"N	80°47'21.0789"W	1705.81	37.894	2.46	1.29	2.09





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# Actual Wellpath Report

OXF43 22H (516230) AWP Proj: 11897'  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	OXF43 22H (516230)
Field	Doddridge	API	47-017-06741-0000
Facility	OXF43 Pad	Wellbore	OXF43 22H (516230) AWB
Slot	Slot #22		

## WELLPATH DATA (127 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]
8610.00	91.630	336.320	6707.31	1352.76	1433.78	1008.62	1634408.03	243366.79	39°09'39.5351"N	80°47'21.5913"W	1753.01	35.125	1.17	0.90	0.76
8705.00	90.620	333.650	6705.44	1441.63	1519.84	968.46	1634367.87	243452.85	39°09'40.3800"N	80°47'22.1168"W	1802.18	32.506	3.00	-1.06	-2.81
8800.00	91.140	333.820	6703.99	1529.77	1605.03	926.43	1634325.84	243538.03	39°09'41.2159"N	80°47'22.6659"W	1853.21	29.994	0.58	0.55	0.18
8895.00	91.320	335.350	6701.95	1618.41	1690.81	885.67	1634285.08	243623.81	39°09'42.0579"N	80°47'23.1990"W	1908.73	27.646	1.62	0.19	1.61
8991.00	91.350	334.600	6699.71	1708.21	1777.77	845.07	1634244.48	243710.77	39°09'42.9116"N	80°47'23.7302"W	1968.40	25.424	0.78	0.03	-0.78
9086.00	90.920	334.530	6697.83	1796.85	1863.55	804.27	1634203.69	243796.55	39°09'43.7535"N	80°47'24.2636"W	2029.70	23.344	0.46	-0.45	-0.07
9181.00	91.910	335.990	6695.48	1885.88	1949.80	764.53	1634163.95	243882.79	39°09'44.6003"N	80°47'24.7839"W	2094.33	21.410	1.86	1.04	1.54
9276.00	91.390	336.410	6692.75	1975.43	2036.68	726.21	1634125.63	243969.68	39°09'45.4535"N	80°47'25.2862"W	2162.28	19.624	0.70	-0.55	0.44
9371.00	91.390	335.900	6690.44	2064.97	2123.55	687.82	1634087.24	244056.54	39°09'46.3065"N	80°47'25.7894"W	2232.16	17.947	0.54	0.00	-0.54
9467.00	91.910	334.840	6687.68	2154.99	2210.78	647.82	1634047.25	244143.77	39°09'47.1629"N	80°47'26.3130"W	2303.74	16.332	1.23	0.54	-1.10
9562.00	92.030	336.110	6684.41	2244.12	2297.15	608.42	1634007.84	244230.14	39°09'48.0110"N	80°47'26.8290"W	2376.36	14.835	1.34	0.13	1.34
9657.00	91.690	334.130	6681.33	2333.04	2383.29	568.47	1633967.89	244316.27	39°09'48.8565"N	80°47'27.3518"W	2450.15	13.416	2.11	-0.36	-2.08
9753.00	91.940	335.610	6678.29	2422.76	2470.15	527.72	1633927.15	244403.13	39°09'49.7093"N	80°47'27.8849"W	2525.90	12.059	1.56	0.26	1.54
9848.00	91.600	335.710	6675.35	2512.01	2556.67	488.59	1633888.01	244489.65	39°09'50.5587"N	80°47'28.3975"W	2602.93	10.819	0.37	-0.36	0.11
9943.00	91.600	337.600	6672.70	2601.81	2643.85	450.96	1633850.39	244576.83	39°09'51.4150"N	80°47'28.8911"W	2682.04	9.680	1.99	0.00	1.99
10039.00	92.310	336.070	6669.43	2692.63	2732.06	413.22	1633812.65	244665.03	39°09'52.2814"N	80°47'29.3863"W	2763.13	8.601	1.76	0.74	-1.59
10134.00	90.550	336.470	6667.05	2782.23	2819.00	375.00	1633774.43	244751.97	39°09'53.1351"N	80°47'29.8873"W	2843.83	7.577	1.90	-1.85	0.42
10229.00	91.140	336.120	6665.65	2871.86	2905.97	336.81	1633736.24	244838.94	39°09'53.9893"N	80°47'30.3880"W	2925.42	6.611	0.72	0.62	-0.37
10325.00	90.990	336.110	6663.87	2962.33	2993.73	297.95	1633697.38	244926.70	39°09'54.8511"N	80°47'30.8974"W	3008.52	5.684	0.16	-0.16	-0.01
10420.00	89.910	335.680	6663.12	3051.74	3080.45	259.15	1633658.58	245013.41	39°09'55.7026"N	80°47'31.4057"W	3091.33	4.809	1.22	-1.14	-0.45
10515.00	88.000	333.150	6664.86	3140.28	3166.11	218.14	1633617.57	245099.07	39°09'56.5433"N	80°47'31.9420"W	3173.61	3.941	3.34	-2.01	-2.66
10610.00	90.990	337.410	6665.69	3229.32	3252.37	178.43	1633577.86	245185.33	39°09'57.3902"N	80°47'32.4619"W	3257.26	3.140	5.48	3.15	4.48
10705.00	89.970	336.180	6664.90	3319.22	3339.68	141.00	1633540.43	245272.63	39°09'58.2477"N	80°47'32.9530"W	3342.65	2.418	1.68	-1.07	-1.29
10800.00	90.370	336.810	6664.62	3408.97	3426.79	103.11	1633502.55	245359.75	39°09'59.1033"N	80°47'33.4499"W	3428.34	1.723	0.79	0.42	0.66
10895.00	90.060	336.430	6664.26	3498.79	3513.99	65.41	1633464.85	245446.94	39°09'59.9597"N	80°47'33.9444"W	3514.60	1.066	0.52	-0.33	-0.40
10991.00	89.010	336.500	6665.04	3589.47	3602.00	27.08	1633426.52	245534.95	39°10'0.8241"N	80°47'34.4472"W	3602.10	0.431	1.10	-1.09	0.07
11086.00	86.490	336.850	6668.77	3679.24	3689.16	-10.50	1633388.94	245622.11	39°10'1.6801"N	80°47'34.9402"W	3689.18	359.837	2.68	-2.65	0.37
11181.00	88.610	335.540	6672.83	3768.74	3775.99	-48.81	1633350.63	245708.94	39°10'2.5328"N	80°47'35.4424"W	3776.31	359.259	2.62	2.23	-1.38
11277.00	87.540	336.500	6676.05	3859.11	3863.66	-87.81	1633311.64	245796.60	39°10'3.3936"N	80°47'35.9534"W	3864.65	358.698	1.50	-1.11	1.00
11372.00	86.270	335.150	6681.18	3948.36	3950.19	-126.65	1633272.79	245883.13	39°10'4.2434"N	80°47'36.4624"W	3952.22	358.164	1.95	-1.34	-1.42



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# Actual Wellpath Report

OXF43 22H (516230) AWP Proj: 11897'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 22H (516230)
Field	Doddridge	API	47-017-06741-0000
Facility	OXF43 Pad	Wellbore	OXF43 22H (516230) AWB
Slot	Slot #22		

WELLPATH DATA (127 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]
11468.00	88.430	336.700	6685.62	4038.64	4037.74	-165.77	1633233.68	245970.68	39°10'5.1030"N	80°47'36.9750"W	4041.14	357.649	2.77	2.25	1.61
11563.00	88.370	337.720	6688.27	4128.73	4125.29	-202.55	1633196.90	246058.23	39°10'5.9630"N	80°47'37.4580"W	4130.26	357.189	1.08	-0.06	1.07
11658.00	87.840	336.780	6691.42	4218.83	4212.85	-239.27	1633160.18	246145.78	39°10'6.8231"N	80°47'37.9401"W	4219.64	356.749	1.14	-0.56	-0.99
11753.00	87.660	336.370	6695.15	4308.56	4299.95	-277.00	1633122.44	246232.88	39°10'7.6786"N	80°47'38.4351"W	4308.87	356.314	0.47	-0.19	-0.43
11849.00	87.970	337.110	6698.81	4399.32	4388.09	-314.89	1633084.56	246321.01	39°10'8.5442"N	80°47'38.9322"W	4399.37	355.896	0.84	0.32	0.77
11872.00	88.180	337.860	6699.58	4421.17	4409.32	-323.69	1633075.76	246342.25	39°10'8.7528"N	80°47'39.0478"W	4421.19	355.801	3.38	0.91	3.26
11897.00‡	88.180	337.860	6700.37	4444.96	4432.47	-333.11	1633066.34	246365.39	39°10'8.9802"N	80°47'39.1716"W	4444.97	355.702	0.00	0.00	0.00

HOLE & CASING SECTIONS - Ref Wellbore: OXF43 22H (516230) AWB Ref Wellpath: OXF43 22H (516230) AWP Proj: 11897'									
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	0.05	-0.06
17.5in Open Hole	68.00	571.00	503.00	68.00	570.94	0.05	-0.06	6.72	-2.61
13.375in Casing Surface	28.00	571.00	543.00	28.00	570.94	0.00	0.00	6.72	-2.61
12.25in Open Hole	571.00	5445.00	4874.00	570.94	5440.51	6.72	-2.61	147.63	-89.17
9.625in Casing Intermediate	28.00	5403.00	5375.00	28.00	5398.72	0.00	0.00	143.88	-87.28
8.5in Open Hole	5445.00	11897.00	6452.00	5440.51	6700.37	147.63	-89.17	4432.47	-333.11
5.5in Casing Production	28.00	11897.00	11869.00	28.00	6700.37	0.00	0.00	4432.47	-333.11





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# Actual Wellpath Report

OXF43 22H (516230) AWP Proj: 11897'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 22H (516230)
Field	Doddridge	API	47-017-06741-0000
Facility	OXF43 Pad	Wellbore	OXF43 22H (516230) AWB
Slot	Slot #22		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
OXF43 22H (516230) BHL Rev-1	6621.84	4433.74	-338.68	1633060.77	246366.67	39°10'8.9920"N	80°47'39.2426"W	point
OXF43 22H (516230) LP Rev-1	6695.00	952.74	1211.10	1634610.51	242885.77	39°09'34.8098"N	80°47'18.9334"W	point
OXF43 Pad Hardline #1 (8.27.20)	7000.00	3080.77	-7533.07	1625866.58	245013.73	39°09'54.5863"N	80°49'10.3262"W	polygon
2D Polygon: dimensions not calculated								
OXF43 Pad Hardline #2 (8.27.20)	7000.00	3668.04	-1570.25	1631829.24	245600.98	39°10'1.2490"N	80°47'54.7374"W	polygon
2D Polygon: dimensions not calculated								
OXF43 Pad Hardline #3 (8.27.20)	7000.00	-12173.94	5908.69	1639307.97	229759.45	39°07'25.7409"N	80°46'16.9449"W	polygon
2D Polygon: dimensions not calculated								
OXF43 Pad Hardline #4 (8.27.20)	7000.00	-12008.35	1624.79	1635024.19	229925.04	39°07'26.7747"N	80°47'11.3260"W	polygon
2D Polygon: dimensions not calculated								
OXF43 Pad Hardline #5 (8.27.20)	7000.00	-10337.23	1007.85	1634407.26	231596.11	39°07'43.2029"N	80°47'19.4574"W	polygon
2D Polygon: dimensions not calculated								
OXF43 Pad Hardline #6 (8.27.20)	7000.00	1549.83	-4897.98	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 22H (516230) AWP Proj: 11897'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT PRODUCTION COMPANY	Well	OXF43 22H (516230)
Field	Doddridge	API	47-017-06741-0000
Facility	OXF43 Pad	Wellbore	OXF43 22H (516230) AWB
Slot	Slot #22		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
OXF43 Pad Hardline #7 (8.27.20)	7000.00	-4296.92	2284.08	1635683.45	237636.25	39°08'43.0795"N	80°47'4.3604"W	polygon
2D Polygon: dimensions not calculated								

WELLPATH COMPOSITION - Ref Wellbore: OXF43 22H (516230) AWB						Ref Wellpath: OXF43 22H (516230) AWP Proj: 11897'		
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment		Wellbore	Survey Date		
28.00	5402.00	Gyrodata 2015 - GC+WIR+DPIPE	01_Gyrodata MS Gyro <12-1/4">(115'-5402')		OXF43 22H (516230) AWB	28/Jul/2020		
5402.00	11897.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	02_BH AT Curve + MagVAR MSA <8-1/2">(5402')(5427'-11872')		OXF43 22H (516230) AWB	07/Sep/2020		





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# Actual Wellpath Report

OXF43 22H (516230) AWP Proj: 11897'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT PRODUCTION COMPANY	Well	OXF43 22H (516230)
Field	Doddridge	API	47-017-06741-0000
Facility	OXF43 Pad	Wellbore	OXF43 22H (516230) AWB
Slot	Slot #22		

## COMMENTS

### Wellpath general comments

API: 47-017-06741-0000

BH Job #: 110552255

Rig: Patterson 277

Duration: 9/10/20 - 9/12/20

Gyrodata MS Gyro <12-1/4">(115'-5402')

BH AT Curve + MagVAR MSA <8-1/2">(5402')(5427'-11872')

Projected MD at TD: 11897'

