



Where energy meets innovation.

Actual Wellpath Report

OXF-155 513064 AWP Proj: 9740'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 513064
Area	Doddridge Co., WV	Well	OXF-155 513064
Field	Doddridge	Wellbore	OXF-155 513064 AWB
Facility	OXF-155 Pad		API: 47-017-06755

REPORT SETUP INFORMATION			
Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 5.0
North Reference	Grid	User	Edsaryar
Scale	0.999967	Report Generated	11/Jul/2017 at 00:11
Convergence at slot	0.84° West	Database/Source file	WA_MPL_EASTERNUS_Defn/OXF-155_513064_AWP_Proj_9740_.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	0.00	1628838.12	262535.27	39°12'48.184"N	80°48'35.846"W
Facility Reference Pt			1628838.12	262535.27	39°12'48.184"N	80°48'35.846"W
Field Reference Pt			0.00	0.00	38°17'12.460"N	86°28'23.077"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Savanna 655 (RKB) to Facility Vertical Datum	1215.00ft
Horizontal Reference Pt	Slot	Savanna 655 (RKB) to Mean Sea Level	1215.00ft
Vertical Reference Pt	Savanna 655 (RKB)	Savanna 655 (RKB) to Mud Line at Slot (Slot 513064)	16.00ft
MD Reference Pt	Savanna 655 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	333.01°

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Facility	OXF-155 Pad		

WELLPATH DATA (156 stations) † = interpolated/extrapolated station											
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
0.00†	0.000	68.540	0.00	-1215.00	0.00	0.00	0.00	0.00	0.00	0.00	
16.00	0.000	68.540	16.00	-1199.00	0.00	0.00	0.00	0.00	0.00	0.00	
103.00	0.140	68.540	103.00	-1112.00	-0.01	0.04	0.10	0.16	0.16	78.78	
203.00	0.260	147.730	203.00	-1012.00	-0.25	-0.11	0.33	0.27	0.12	79.19	
303.00	0.260	157.430	303.00	-912.00	-0.70	-0.51	0.54	0.04	0.00	9.70	
403.00	0.250	155.700	403.00	-812.00	-1.14	-0.92	0.72	0.01	-0.01	-1.73	
503.00	0.270	158.580	503.00	-712.00	-1.60	-1.34	0.89	0.02	0.02	2.88	
603.00	0.640	174.280	602.99	-612.01	-2.35	-2.11	1.04	0.39	0.37	15.70	
703.00	0.790	179.150	702.99	-512.01	-3.49	-3.36	1.10	0.16	0.15	4.87	
803.00	0.810	179.980	802.98	-412.02	-4.74	-4.75	1.11	0.02	0.02	0.83	
903.00	0.780	185.600	902.97	-312.03	-5.94	-6.14	1.05	0.08	-0.03	5.62	
1003.00	0.760	189.160	1002.96	-212.04	-7.05	-7.47	0.87	0.05	-0.02	3.56	
1103.00	0.790	190.060	1102.95	-112.05	-8.14	-8.80	0.65	0.03	0.03	0.90	
1203.00	0.800	187.090	1202.94	-12.06	-9.27	-10.17	0.44	0.04	0.01	-2.97	
1303.00	0.820	184.700	1302.93	87.93	-10.45	-11.58	0.30	0.04	0.02	-2.39	
1403.00	0.890	176.260	1402.92	187.92	-11.78	-13.07	0.29	0.14	0.07	-8.44	
1503.00	0.900	156.760	1502.91	287.91	-13.27	-14.56	0.65	0.30	0.01	-19.50	
1603.00	0.920	149.980	1602.89	387.89	-14.86	-15.98	1.36	0.11	0.02	-6.78	
1703.00	0.940	150.290	1702.88	487.88	-16.48	-17.39	2.17	0.02	0.02	0.31	
1803.00	0.710	150.880	1802.87	587.87	-17.92	-18.64	2.88	0.23	-0.23	0.59	
1903.00	0.640	154.660	1902.86	687.86	-19.10	-19.69	3.42	0.08	-0.07	3.78	
2003.00	0.650	157.930	2002.86	787.86	-20.22	-20.72	3.87	0.04	0.01	3.27	
2103.00	0.590	168.070	2102.85	887.85	-21.28	-21.75	4.19	0.12	-0.06	10.14	
2203.00	0.580	168.310	2202.84	987.84	-22.27	-22.75	4.40	0.01	-0.01	0.24	
2303.00	0.530	169.150	2302.84	1087.84	-23.20	-23.70	4.59	0.05	-0.05	0.84	
2403.00	0.310	165.990	2402.84	1187.84	-23.91	-24.41	4.74	0.22	-0.22	-3.16	
2503.00	0.280	169.930	2502.84	1287.84	-24.40	-24.92	4.85	0.04	-0.03	3.94	
2603.00	0.170	161.830	2602.84	1387.84	-24.78	-25.30	4.94	0.11	-0.11	-8.10	
2703.00	0.070	147.290	2702.83	1487.83	-24.99	-25.49	5.02	0.10	-0.10	-14.54	
2803.00	0.070	156.150	2802.83	1587.83	-25.11	-25.60	5.08	0.01	0.00	8.86	

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Field	Doddridge	Wellbore	OXF-155 513064 AWB
Facility	OXF-155 Pad		

WELLPATH DATA (156 stations)											
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
2903.00	0.110	163.200	2902.83	1687.83	-25.27	-25.75	5.13	0.04	0.04	7.05	
3003.00	0.090	161.870	3002.83	1787.83	-25.44	-25.91	5.18	0.02	-0.02	-1.33	
3103.00	0.160	137.040	3102.83	1887.83	-25.65	-26.09	5.30	0.09	0.07	-24.83	
3203.00	0.270	132.200	3202.83	1987.83	-26.01	-26.35	5.57	0.11	0.11	-4.84	
3303.00	0.300	137.310	3302.83	2087.83	-26.48	-26.70	5.92	0.04	0.03	5.11	
3403.00	0.320	136.720	3402.83	2187.83	-27.00	-27.10	6.29	0.02	0.02	-0.59	
3503.00	0.310	159.470	3502.83	2287.83	-27.54	-27.55	6.58	0.12	-0.01	22.75	
3603.00	0.250	168.670	3602.83	2387.83	-28.02	-28.02	6.71	0.07	-0.06	9.20	
3703.00	0.230	181.700	3702.83	2487.83	-28.40	-28.44	6.75	0.06	-0.02	13.03	
3803.00	0.270	189.190	3802.83	2587.83	-28.77	-28.87	6.71	0.05	0.04	7.49	
3903.00	0.240	211.550	3902.83	2687.83	-29.07	-29.28	6.56	0.10	-0.03	22.36	
4003.00	0.300	254.220	4002.82	2787.82	-29.13	-29.53	6.20	0.20	0.06	42.67	
4103.00	0.440	267.670	4102.82	2887.82	-28.91	-29.62	5.56	0.16	0.14	13.45	
4203.00	0.610	273.130	4202.82	2987.82	-28.49	-29.60	4.65	0.18	0.17	5.46	
4303.00	0.630	273.870	4302.81	3087.81	-27.94	-29.54	3.57	0.02	0.02	0.74	
4403.00	0.730	275.500	4402.81	3187.81	-27.31	-29.44	2.39	0.10	0.10	1.63	
4503.00	0.970	282.690	4502.79	3287.79	-26.43	-29.19	0.93	0.26	0.24	7.19	
4603.00	1.270	290.250	4602.77	3387.77	-25.08	-28.62	-0.94	0.33	0.30	7.56	
4703.00	1.460	290.500	4702.75	3487.75	-23.32	-27.79	-3.17	0.19	0.19	0.25	
4803.00	1.550	291.810	4802.71	3587.71	-21.37	-26.84	-5.62	0.10	0.09	1.31	
4903.00	1.430	296.870	4902.68	3687.68	-19.34	-25.78	-7.99	0.18	-0.12	5.06	
4985.00	1.390	293.810	4984.65	3769.65	-17.75	-24.91	-9.81	0.10	-0.05	-3.73	Gyro Tie In=4985' MD
5005.00	1.240	289.760	5004.65	3789.65	-17.40	-24.74	-10.24	0.88	-0.75	-20.25	KOP 1=5005' MD
5049.00	2.000	183.400	5048.64	3833.64	-17.72	-25.35	-10.73	5.98	1.73	-241.73	
5093.00	5.790	162.310	5092.53	3877.53	-20.57	-28.23	-10.10	9.07	8.61	-47.93	
5136.00	10.520	158.160	5135.08	3920.08	-26.62	-33.94	-7.98	11.08	11.00	-9.65	
5180.00	13.260	154.840	5178.14	3963.14	-35.67	-42.24	-4.34	6.42	6.23	-7.55	
5224.00	17.900	150.930	5220.51	4005.51	-47.48	-52.72	1.09	10.81	10.55	-8.89	
5237.00	19.020	151.980	5232.84	4017.84	-51.59	-56.34	3.06	8.99	8.62	8.08	
5285.00	24.750	148.960	5277.36	4062.36	-69.45	-71.87	11.92	12.16	11.94	-6.29	

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Field	Doddridge	Wellbore	OXF-155 513064 AWB
Facility	OXF-155 Pad		

WELLPATH DATA (156 stations)											
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5316.00	27.280	147.110	5305.22	4090.22	-82.99	-83.39	19.13	8.57	8.16	-5.97	
5346.00	29.180	146.830	5331.65	4116.65	-97.10	-95.29	26.86	6.35	6.33	-0.93	
5377.00	30.120	146.990	5358.59	4143.59	-112.35	-108.14	35.23	3.04	3.03	0.52	
5409.00	29.930	147.800	5386.30	4171.30	-128.29	-121.63	43.86	1.40	-0.59	2.53	
5470.00	29.750	152.110	5439.22	4224.22	-158.58	-147.88	59.05	3.53	-0.30	7.07	
5532.00	29.740	150.870	5493.05	4278.05	-189.33	-174.91	73.73	0.99	-0.02	-2.00	
5593.00	29.430	146.570	5546.10	4331.10	-219.34	-200.64	89.36	3.52	-0.51	-7.05	
5654.00	29.590	149.100	5599.19	4384.19	-249.26	-226.07	105.35	2.06	0.26	4.15	
5716.00	29.790	152.130	5653.05	4438.05	-279.93	-252.82	120.41	2.44	0.32	4.89	
5778.00	29.670	153.470	5706.89	4491.89	-310.68	-280.17	134.46	1.09	-0.19	2.16	
5841.00	29.840	153.330	5761.59	4546.59	-341.94	-308.12	148.46	0.29	0.27	-0.22	KOP 2=5841' MD
5873.00	28.580	152.440	5789.52	4574.52	-357.56	-322.02	155.58	4.16	-3.94	-2.78	
5903.00	23.760	151.100	5816.43	4601.43	-370.78	-333.68	161.82	16.19	-16.07	-4.47	
5934.00	18.700	150.000	5845.32	4630.32	-381.99	-343.46	167.33	16.37	-16.32	-3.55	
5965.00	17.500	150.370	5874.79	4659.79	-391.61	-351.82	172.12	3.89	-3.87	1.19	
5996.00	17.520	151.760	5904.35	4689.35	-400.93	-359.98	176.63	1.35	0.06	4.48	
6026.00	16.520	152.020	5933.03	4718.03	-409.71	-367.72	180.77	3.34	-3.33	0.87	
6057.00	13.210	149.180	5962.99	4747.99	-417.66	-374.66	184.65	10.93	-10.68	-9.16	
6088.00	9.920	144.410	5993.36	4778.36	-423.83	-379.88	188.02	11.04	-10.61	-15.39	
6118.00	6.850	136.180	6023.04	4808.04	-428.10	-383.27	190.77	10.96	-10.23	-27.43	
6149.00	4.660	123.200	6053.88	4838.88	-430.96	-385.29	193.10	8.17	-7.06	-41.87	
6180.00	2.560	97.400	6084.82	4869.82	-432.45	-386.07	194.84	8.40	-6.77	-83.23	
6211.00	3.220	1.430	6115.79	4900.79	-432.07	-385.29	195.55	13.92	2.13	-309.58	
6242.00	6.580	342.570	6146.68	4931.68	-429.55	-382.72	195.04	11.88	10.84	-60.84	
6273.00	8.970	343.130	6177.39	4962.39	-425.42	-378.72	193.81	7.71	7.71	1.81	
6304.00	11.270	343.890	6207.91	4992.91	-420.07	-373.49	192.26	7.43	7.42	2.45	
6335.00	13.880	342.290	6238.16	5023.16	-413.42	-367.04	190.29	8.49	8.42	-5.16	
6366.00	17.030	340.240	6268.04	5053.04	-405.25	-359.22	187.62	10.31	10.16	-6.61	
6397.00	19.940	336.910	6297.43	5082.43	-395.47	-350.09	184.02	9.98	9.39	-10.74	
6427.00	23.530	335.100	6325.30	5110.30	-384.38	-339.94	179.49	12.17	11.97	-6.03	

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6458.00	26.990	333.370	6353.33	5138.33	-371.15	-328.04	173.73	11.41	11.16	-5.58	
6489.00	31.060	331.590	6380.43	5165.43	-356.12	-314.71	166.77	13.42	13.13	-5.74	
6520.00	34.690	330.850	6406.46	5191.46	-339.30	-299.97	158.66	11.78	11.71	-2.39	
6550.00	38.810	330.990	6430.49	5215.49	-321.37	-284.28	149.94	13.74	13.73	0.47	
6581.00	42.320	332.030	6454.04	5239.04	-301.22	-266.57	140.33	11.53	11.32	3.35	
6612.00	45.230	333.850	6476.42	5261.42	-279.78	-247.47	130.58	10.23	9.39	5.87	
6643.00	48.460	334.740	6497.62	5282.62	-257.17	-227.09	120.78	10.63	10.42	2.87	
6673.00	52.050	334.700	6516.80	5301.80	-234.12	-206.24	110.93	11.97	11.97	-0.13	
6704.00	55.380	333.920	6535.15	5320.15	-209.14	-183.72	100.10	10.93	10.74	-2.52	
6735.00	58.960	332.300	6551.95	5336.95	-183.10	-160.50	88.31	12.35	11.55	-5.23	
6765.00	62.040	331.010	6566.72	5351.72	-157.00	-137.52	75.91	10.93	10.27	-4.30	
6796.00	64.650	330.610	6580.63	5365.63	-129.32	-113.34	62.40	8.50	8.42	-1.29	
6827.00	67.250	330.870	6593.26	5378.26	-101.03	-88.65	48.57	8.42	8.39	0.84	
6858.00	69.460	331.210	6604.69	5389.69	-72.24	-63.44	34.62	7.20	7.13	1.10	
6889.00	71.130	331.510	6615.15	5400.15	-43.07	-37.82	20.63	5.46	5.39	0.97	
6920.00	73.100	331.640	6624.67	5409.67	-13.57	-11.88	6.59	6.37	6.35	0.42	
6950.00	76.550	331.950	6632.52	5417.52	15.37	13.63	-7.09	11.54	11.50	1.03	
6981.00	80.000	332.300	6638.82	5423.82	45.71	40.46	-21.28	11.18	11.13	1.13	
7011.00	83.120	332.420	6643.22	5428.22	75.38	66.75	-35.05	10.41	10.40	0.40	
7042.00	86.550	333.410	6646.01	5431.01	106.25	94.23	-49.10	11.51	11.06	3.19	LP=7042' MD / 6646.01' TVD
7073.00	86.950	333.830	6647.77	5432.77	137.20	121.96	-62.85	1.87	1.29	1.35	
7134.00	86.950	334.300	6651.01	5436.01	198.10	176.74	-89.50	0.77	0.00	0.77	
7196.00	84.920	333.410	6655.41	5440.41	259.94	232.25	-116.74	3.57	-3.27	-1.44	
7258.00	85.040	334.920	6660.83	5445.83	321.69	287.84	-143.66	2.43	0.19	2.44	
7319.00	84.940	335.680	6666.16	5451.16	382.40	343.04	-169.05	1.25	-0.16	1.25	
7381.00	86.890	336.990	6670.58	5455.58	444.14	399.68	-193.87	3.79	3.15	2.11	
7443.00	88.370	338.310	6673.14	5458.14	505.88	456.97	-217.43	3.20	2.39	2.13	
7505.00	88.650	335.280	6674.75	5459.75	567.71	513.93	-241.84	4.91	0.45	-4.89	
7567.00	88.400	330.990	6676.35	5461.35	629.68	569.21	-269.84	6.93	-0.40	-6.92	
7630.00	88.460	329.590	6678.08	5463.08	692.58	623.91	-301.06	2.22	0.10	-2.22	

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7692.00	88.060	329.300	6679.96	5464.96	754.43	677.27	-332.56	0.80	-0.65	-0.47	
7753.00	87.940	330.630	6682.09	5467.09	815.31	730.05	-363.07	2.19	-0.20	2.18	
7815.00	87.750	332.680	6684.42	5469.42	877.25	784.57	-392.49	3.32	-0.31	3.31	
7877.00	88.280	334.690	6686.57	5471.57	939.20	840.11	-419.95	3.35	0.85	3.24	
7940.00	89.080	332.450	6688.02	5473.02	1002.18	896.51	-447.99	3.77	1.27	-3.56	
8001.00	88.980	327.850	6689.05	5474.05	1063.08	949.39	-478.33	7.54	-0.16	-7.54	
8060.50†	90.000	327.104	6689.58	5474.58	1122.29	999.56	-510.32	2.12	1.71	-1.25	Deepest Point of Well=8060.50' MD / 6689.58' TVD
8064.00	90.060	327.060	6689.58	5474.58	1125.78	1002.50	-512.22	2.12	1.71	-1.25	
8126.00	90.120	330.350	6689.48	5474.48	1187.59	1055.47	-544.43	5.31	0.10	5.31	
8189.00	90.060	331.030	6689.38	5474.38	1250.54	1110.40	-575.27	1.08	-0.10	1.08	
8251.00	90.150	331.400	6689.27	5474.27	1312.51	1164.74	-605.12	0.61	0.15	0.60	
8312.00	90.090	329.860	6689.14	5474.14	1373.45	1217.90	-635.04	2.53	-0.10	-2.52	
8374.00	90.060	329.450	6689.06	5474.06	1435.35	1271.41	-666.36	0.66	-0.05	-0.66	
8437.00	90.060	332.350	6688.99	5473.99	1498.30	1326.45	-697.00	4.60	0.00	4.60	
8498.00	90.000	336.760	6688.96	5473.96	1559.26	1381.52	-723.20	7.23	-0.10	7.23	
8559.00	91.450	338.970	6688.19	5473.19	1620.03	1438.01	-746.18	4.33	2.38	3.62	
8621.00	90.620	338.970	6687.07	5472.07	1681.69	1495.87	-768.42	1.34	-1.34	0.00	
8682.00	90.550	338.210	6686.45	5471.45	1742.39	1552.66	-790.69	1.25	-0.11	-1.25	
8744.00	90.090	337.350	6686.10	5471.10	1804.18	1610.05	-814.13	1.57	-0.74	-1.39	
8805.00	90.220	336.140	6685.94	5470.94	1865.05	1666.10	-838.22	2.00	0.21	-1.98	
8867.00	90.090	333.880	6685.77	5470.77	1927.00	1722.29	-864.41	3.65	-0.21	-3.65	
8928.00	90.340	325.760	6685.54	5470.54	1987.86	1774.97	-895.05	13.32	0.41	-13.31	
8989.00	91.170	328.390	6684.74	5469.74	2048.52	1826.17	-928.20	4.52	1.36	4.31	
9052.00	91.600	333.530	6683.21	5468.21	2111.44	1881.21	-958.76	8.18	0.68	8.16	
9114.00	91.970	334.830	6681.28	5466.28	2173.40	1936.99	-985.75	2.18	0.60	2.10	
9177.00	92.090	334.460	6679.05	5464.05	2236.33	1993.89	-1012.71	0.62	0.19	-0.59	
9239.00	91.910	333.140	6676.88	5461.88	2298.29	2049.48	-1040.07	2.15	-0.29	-2.13	
9301.00	91.940	332.830	6674.80	5459.80	2360.25	2104.69	-1068.21	0.50	0.05	-0.50	
9364.00	91.880	332.600	6672.70	5457.70	2423.21	2160.65	-1097.08	0.38	-0.10	-0.37	
9425.00	92.090	332.310	6670.59	5455.59	2484.18	2214.70	-1125.27	0.59	0.34	-0.48	

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Actual Wellpath Report

OXF-155 513064 AWP Proj: 9740'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 513064
Area	Doddridge Co., WV	Well	OXF-155 513064
Field	Doddridge	Wellbore	OXF-155 513064 AWB
Facility	OXF-155 Pad		

WELLPATH DATA (156 stations)											
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
9487.00	91.170	331.940	6668.83	5453.83	2546.14	2269.48	-1154.25	1.60	-1.48	-0.60	
9548.00	89.140	332.380	6668.66	5453.66	2607.13	2323.42	-1182.73	3.41	-3.33	0.72	
9611.00	89.010	333.210	6669.68	5454.68	2670.12	2379.44	-1211.53	1.33	-0.21	1.32	
9673.00	89.050	332.320	6670.73	5455.73	2732.11	2434.56	-1239.90	1.44	0.06	-1.44	
9717.00	89.230	331.770	6671.39	5456.39	2776.10	2473.42	-1260.52	1.32	0.41	-1.25	Final Survey=9717' MD / 6671.39' TVD
9740.00	89.230	331.770	6671.70	5456.70	2799.09	2493.68	-1271.40	0.00	0.00	0.00	Projection to TD=9740' MD / 6671.70' TVD

HOLE & CASING SECTIONS									
- Ref Wellbore: OXF-155 513064 AWB Ref Wellpath: OXF-155 513064 AWP Proj: 9740'									
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	16.00	56.00	40.00	16.00	56.00	0.00	0.00	0.01	0.02
17.5in Open Hole	56.00	572.00	516.00	56.00	571.99	0.01	0.02	-1.80	1.00
13.375in Casing Surface	16.00	572.00	556.00	16.00	571.99	0.00	0.00	-1.80	1.00
12.25in Open Hole	572.00	3469.00	2897.00	571.99	3468.83	-1.80	1.00	-27.39	6.50
9.625in Casing Intermediate	16.00	3469.00	3453.00	16.00	3468.83	0.00	0.00	-27.39	6.50
8.75in Open Hole	3469.00	5303.00	1834.00	3468.83	5293.61	-27.39	6.50	-78.46	15.98
8.5in Open Hole	5303.00	9740.00	4437.00	5293.61	6671.70	-78.46	15.98	2493.68	-1271.40
5.5in Casing Production	16.00	9740.00	9724.00	16.00	6671.70	0.00	0.00	2493.68	-1271.40

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Actual Wellpath Report

OXF-155 513064 AWP Proj: 9740'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 513064
Area	Doddridge Co., WV	Well	OXF-155 513064
Field	Doddridge	Wellbore	OXF-155 513064 AWB
Facility	OXF-155 Pad		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
OXF-155 513064 BHL Rev-2	6670.00	2494.69	-1270.52	1627567.65	265029.87	39°13'12.655"N	80°48'52.449"W	point
OXF-155 513064 LP Rev-2	6670.00	111.74	-56.11	1628782.01	262647.01	39°12'49.281"N	80°48'36.579"W	point
OXF-155 Hard Line	7000.00	0.00	0.00	1628838.12	262535.27	39°12'48.184"N	80°48'35.846"W	polygon

WELLPATH COMPOSITION - Ref Wellbore: OXF-155 513064 AWB Ref Wellpath: OXF-155 513064 AWP Proj: 9740'				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	4985.00	Gyrodata standard - Drop gyro or Multi-shot	01 Gyrodata MS Gyro <8-3/4"> (103'-4985')	OXF-155 513064 AWB
4985.00	5237.00	OWSG MWD rev2 - Standard	02 SDI MWD <8-3/4"> (4985')(5005'-5237')	OXF-155 513064 AWB
5237.00	9717.00	BHI AutoTrak Curve (Standard)	03 BHI AT Curve <8-1/2"> (5237')(5285'-9717')	OXF-155 513064 AWB
9717.00	9740.00	Blind Drilling (std)	Projection to bit	OXF-155 513064 AWB

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OXF-155 513064 AWP Proj: 9740'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 513064
Area	Doddridge Co., WV	Well	OXF-155 513064
Field	Doddridge	Wellbore	OXF-155 513064 AWB
Facility	OXF-155 Pad		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
4985.00	1.390	293.810	4984.65	Gyro Tie In=4985' MD
5005.00	1.240	289.760	5004.65	KOP 1=5005' MD
5841.00	29.840	153.330	5761.59	KOP 2=5841' MD
7042.00	86.550	333.410	6646.01	LP=7042' MD / 6646.01' TVD
8060.50	90.000	327.104	6689.58	Deepest Point of Well=8060.50' MD / 6689.58' TVD
9717.00	89.230	331.770	6671.39	Final Survey=9717' MD / 6671.39' TVD
9740.00	89.230	331.770	6671.70	Projection to TD=9740' MD / 6671.70' TVD

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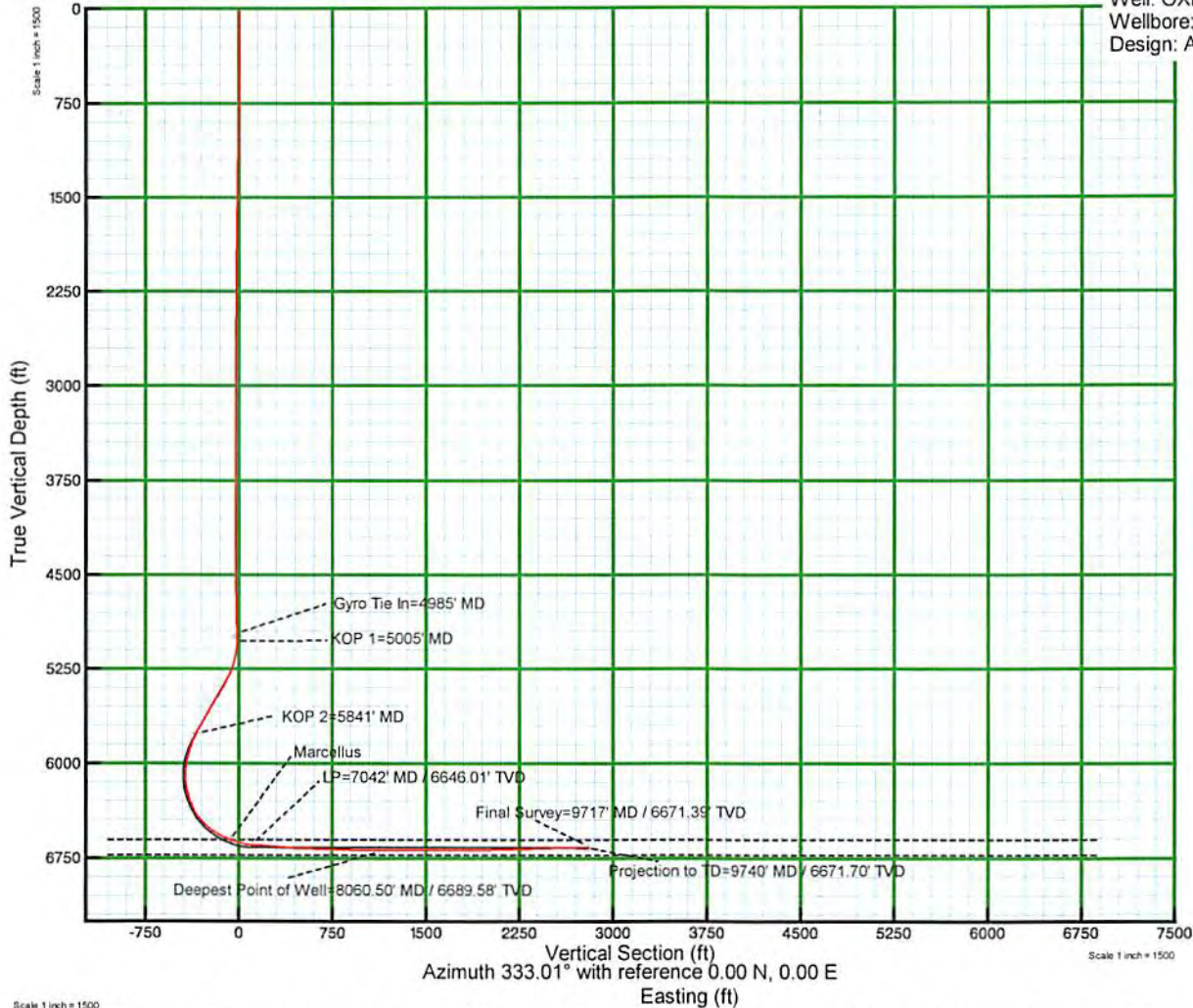
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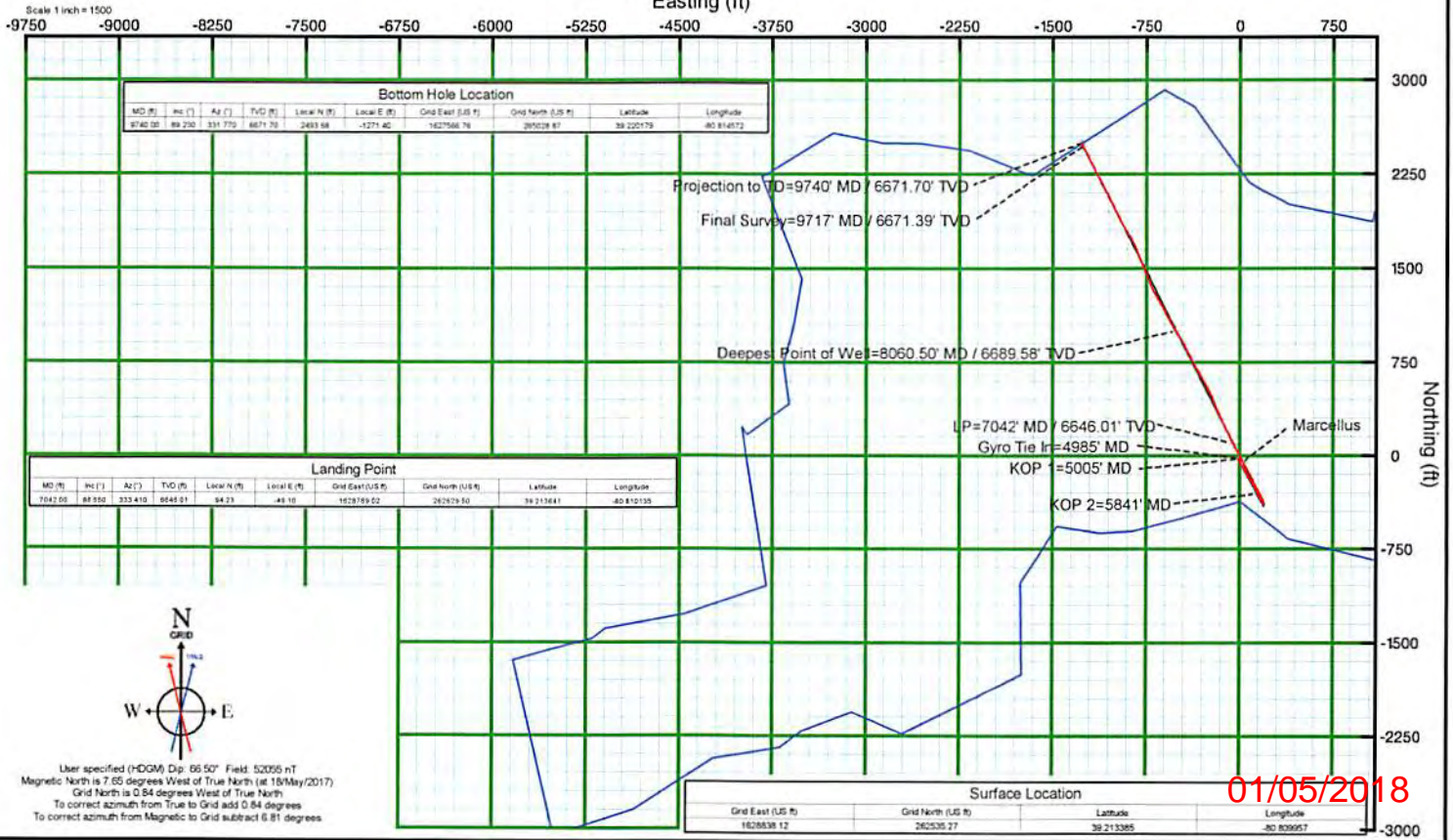
EQT Production - Marcellus

KB Elevation=1215 FT
 Ground Elevation=1199 FT
 All measurements were taken from KB Elevation

Project: Doddridge County, WV
 Site: OXF-155
 Well: OXF-155 513064
 Wellbore: Main Wellbore
 Design: As-Drilled Surveys

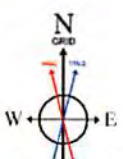


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Bottom Hole Location									
MD (ft)	Incl (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
9740.00	89.230	331.770	6671.70	2493.98	-1274.40	1627586.76	287029.87	39.220179	-80.814572

Landing Point									
MD (ft)	Incl (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
7042.00	88.950	333.410	6646.01	34.23	-48.10	1628789.02	287279.50	39.211641	-80.812135



User specified (+HGM) Dip: 66.50° Field: 52056 nT
 Magnetic North is 7.65 degrees West of True North (at 18/May/2017)
 Grid North is 0.84 degrees West of True North
 To correct azimuth from True to Grid add 0.84 degrees
 To correct azimuth from Magnetic to Grid subtract 6.81 degrees

Surface Location			
Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
1628538.12	287535.27	39.213385	-80.809957

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