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# Actual Wellpath Report

WBM Heirs WV 515682 AWP Proj: 12636'  
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API # 47-170-06611



## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 04
Area	Doddridge Co., WV	Well	WBM Heirs WV 515682
Field	Doddridge	Wellbore	WBM Heirs WV 515682 AWB
Facility	OXF-127 Pad		

## REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 4.0.1
North Reference	Grid	User	Gotfbral
Scale	0.999968	Report Generated	14/Sep/2015 at 09:29
Convergence at slot	0.82° West	Database/Source file	WANorthEast/WBM_Heirs_WV_515682_AWB.xml

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-40.93	18.69	1634245.00	257011.20	39°11'54.362"N	80°47'26.149"W
Facility Reference Pt			1634226.31	257052.13	39°11'54.764"N	80°47'26.394"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	16.00ft
Horizontal Reference Pt	Slot	Savanna 655 (RKB) to Mean Sea Level	1258.00ft
Vertical Reference Pt	Savanna 655 (RKB)	Savanna 655 (RKB) to Mud Line at Slot (Slot 04)	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	154.00°

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Facility	OXF-127 Pad		

## WELLPATH DATA (211 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]
0.00†	0.000	156.360	0.00	0.00	0.00	0.00	1634245.00	257011.20	39°11'54.362"N	80°47'26.149"W	0.00	0.000	0.00
16.00	0.000	156.360	16.00	0.00	0.00	0.00	1634245.00	257011.20	39°11'54.362"N	80°47'26.149"W	0.00	0.000	0.00
103.00	0.280	156.360	103.00	0.21	-0.19	0.09	1634245.09	257011.01	39°11'54.360"N	80°47'26.148"W	0.21	156.360	0.32
203.00	0.250	78.450	203.00	0.51	-0.37	0.40	1634245.40	257010.83	39°11'54.359"N	80°47'26.144"W	0.55	133.362	0.33
303.00	0.250	90.440	303.00	0.66	-0.33	0.83	1634245.83	257010.87	39°11'54.359"N	80°47'26.139"W	0.89	111.881	0.05
403.00	0.290	106.610	403.00	0.93	-0.41	1.29	1634246.29	257010.79	39°11'54.359"N	80°47'26.133"W	1.35	107.513	0.09
503.00	0.340	95.590	503.00	1.26	-0.51	1.83	1634246.83	257010.69	39°11'54.358"N	80°47'26.126"W	1.90	105.540	0.08
603.00	0.350	92.570	602.99	1.56	-0.55	2.43	1634247.43	257010.65	39°11'54.357"N	80°47'26.118"W	2.49	102.782	0.02
703.00	0.410	95.450	702.99	1.89	-0.60	3.09	1634248.09	257010.60	39°11'54.357"N	80°47'26.110"W	3.15	100.964	0.06
803.00	0.380	86.070	802.99	2.20	-0.61	3.78	1634248.78	257010.59	39°11'54.357"N	80°47'26.101"W	3.82	99.172	0.07
903.00	0.370	73.050	902.99	2.38	-0.49	4.42	1634249.42	257010.71	39°11'54.358"N	80°47'26.093"W	4.44	96.368	0.09
1003.00	0.260	49.510	1002.99	2.37	-0.25	4.90	1634249.90	257010.95	39°11'54.361"N	80°47'26.087"W	4.90	92.938	0.17
1103.00	0.240	90.880	1102.98	2.41	-0.11	5.28	1634250.28	257011.09	39°11'54.362"N	80°47'26.082"W	5.28	91.164	0.18
1203.00	0.220	84.380	1202.98	2.57	-0.09	5.68	1634250.68	257011.11	39°11'54.362"N	80°47'26.077"W	5.68	90.925	0.03
1303.00	0.300	100.590	1302.98	2.80	-0.12	6.13	1634251.13	257011.08	39°11'54.362"N	80°47'26.072"W	6.13	91.131	0.11
1403.00	0.380	106.280	1402.98	3.17	-0.26	6.70	1634251.70	257010.94	39°11'54.361"N	80°47'26.064"W	6.71	92.239	0.09
1503.00	0.290	108.640	1502.98	3.58	-0.44	7.26	1634252.26	257010.76	39°11'54.359"N	80°47'26.057"W	7.27	93.435	0.09
1603.00	0.660	124.140	1602.98	4.25	-0.84	7.98	1634252.98	257010.36	39°11'54.355"N	80°47'26.048"W	8.02	96.010	0.39
1703.00	0.720	103.530	1702.97	5.15	-1.31	9.07	1634254.07	257009.89	39°11'54.351"N	80°47'26.034"W	9.16	98.224	0.25
1803.00	0.850	86.530	1802.96	5.84	-1.41	10.42	1634255.42	257009.79	39°11'54.350"N	80°47'26.017"W	10.51	97.721	0.27
1903.00	0.980	87.320	1902.95	6.46	-1.33	12.01	1634257.01	257009.87	39°11'54.351"N	80°47'25.997"W	12.08	96.306	0.13
2003.00	1.030	88.080	2002.93	7.16	-1.26	13.76	1634258.76	257009.94	39°11'54.352"N	80°47'25.974"W	13.82	95.220	0.05
2103.00	1.010	86.380	2102.92	7.87	-1.17	15.54	1634260.54	257010.03	39°11'54.353"N	80°47'25.952"W	15.59	94.311	0.04
2203.00	1.130	85.810	2202.90	8.57	-1.04	17.41	1634262.40	257010.16	39°11'54.355"N	80°47'25.928"W	17.44	93.432	0.12
2303.00	1.090	85.210	2302.88	9.28	-0.89	19.34	1634264.34	257010.31	39°11'54.356"N	80°47'25.904"W	19.36	92.643	0.04

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Field	Doddridge	Wellbore	WBM Heirs WV 515682 AWB
Facility	OXF-127 Pad		

## WELLPATH DATA (211 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]
2403.00	1.050	86.590	2402.86	9.97	-0.76	21.20	1634266.20	257010.44	39°11'54.358"N	80°47'25.880"W	21.21	92.049	0.05
2503.00	1.080	86.160	2502.84	10.68	-0.64	23.05	1634268.05	257010.56	39°11'54.359"N	80°47'25.856"W	23.06	91.592	0.03
2603.00	0.970	81.420	2602.83	11.29	-0.45	24.83	1634269.83	257010.75	39°11'54.361"N	80°47'25.834"W	24.84	91.042	0.14
2703.00	0.960	81.820	2702.81	11.80	-0.21	26.50	1634271.50	257010.99	39°11'54.364"N	80°47'25.813"W	26.50	90.446	0.01
2803.00	0.820	73.530	2802.80	12.18	0.12	28.01	1634273.01	257011.32	39°11'54.368"N	80°47'25.794"W	28.01	89.763	0.19
2903.00	0.670	75.000	2902.79	12.41	0.47	29.26	1634274.26	257011.67	39°11'54.371"N	80°47'25.778"W	29.27	89.079	0.15
3003.00	0.570	74.410	3002.79	12.61	0.76	30.31	1634275.31	257011.96	39°11'54.374"N	80°47'25.765"W	30.32	88.573	0.10
3103.00	0.620	70.520	3102.78	12.76	1.07	31.30	1634276.30	257012.27	39°11'54.377"N	80°47'25.752"W	31.31	88.043	0.06
3203.00	0.510	86.550	3202.78	12.99	1.28	32.25	1634277.25	257012.48	39°11'54.380"N	80°47'25.740"W	32.28	87.733	0.19
3283.00	0.550	84.630	3282.77	13.26	1.33	32.99	1634277.99	257012.53	39°11'54.380"N	80°47'25.731"W	33.02	87.685	0.05
3303.00	0.390	77.220	3302.77	13.31	1.36	33.15	1634278.15	257012.56	39°11'54.381"N	80°47'25.729"W	33.18	87.654	0.85
3329.00	0.470	61.650	3328.77	13.33	1.43	33.33	1634278.33	257012.63	39°11'54.381"N	80°47'25.726"W	33.36	87.547	0.54
3363.00	2.290	166.340	3362.76	13.99	0.83	33.61	1634278.61	257012.03	39°11'54.375"N	80°47'25.723"W	33.62	88.578	7.21
3393.00	6.040	176.320	3392.68	16.03	-1.32	33.86	1634278.86	257009.88	39°11'54.354"N	80°47'25.719"W	33.88	92.240	12.68
3424.00	8.690	183.700	3423.42	19.58	-5.29	33.81	1634278.81	257005.91	39°11'54.315"N	80°47'25.719"W	34.22	98.892	9.06
3455.00	8.730	197.200	3454.07	23.33	-9.87	32.96	1634277.96	257001.33	39°11'54.270"N	80°47'25.729"W	34.41	106.676	6.58
3488.00	8.690	217.500	3486.69	26.26	-14.25	30.70	1634275.70	256996.96	39°11'54.226"N	80°47'25.757"W	33.85	114.889	9.27
3519.00	9.490	234.490	3517.31	27.73	-17.59	27.20	1634272.20	256993.61	39°11'54.192"N	80°47'25.801"W	32.39	122.890	9.00
3550.00	11.720	246.970	3547.78	27.99	-20.31	22.22	1634267.22	256990.90	39°11'54.165"N	80°47'25.863"W	30.10	132.423	10.29
3581.00	12.730	253.980	3578.08	27.24	-22.48	16.04	1634261.04	256988.72	39°11'54.143"N	80°47'25.942"W	27.61	144.494	5.79
3612.00	12.720	256.950	3608.32	25.88	-24.19	9.43	1634254.43	256987.01	39°11'54.125"N	80°47'26.025"W	25.97	158.704	2.11
3644.00	13.070	259.450	3639.51	24.13	-25.65	2.44	1634247.44	256985.55	39°11'54.109"N	80°47'26.114"W	25.77	174.564	2.06
3675.00	14.870	265.630	3669.60	21.72	-26.60	-4.97	1634240.03	256984.60	39°11'54.099"N	80°47'26.208"W	27.06	190.589	7.53
3707.00	17.880	270.360	3700.30	18.03	-26.88	-13.98	1634231.02	256984.32	39°11'54.095"N	80°47'26.322"W	30.30	207.482	10.28
3738.00	21.490	271.170	3729.48	13.32	-26.73	-24.42	1634220.58	256984.47	39°11'54.095"N	80°47'26.455"W	36.21	222.412	11.68

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3769.00	24.900	272.200	3757.97	7.64	-26.37	-36.62	1634208.38	256984.84	39°11'54.097"N	80°47'26.610"W	45.13	234.248	11.08
3801.00	28.340	274.450	3786.57	0.61	-25.52	-50.93	1634194.07	256985.68	39°11'54.103"N	80°47'26.792"W	56.97	243.388	11.20
3832.00	31.500	275.120	3813.44	-7.31	-24.22	-66.34	1634178.67	256986.98	39°11'54.114"N	80°47'26.987"W	70.62	249.940	10.25
3864.00	34.970	276.830	3840.20	-16.60	-22.39	-83.77	1634161.23	256988.81	39°11'54.129"N	80°47'27.209"W	86.71	255.039	11.23
3895.00	38.300	277.580	3865.07	-26.74	-20.06	-102.12	1634142.88	256991.14	39°11'54.150"N	80°47'27.443"W	104.07	258.886	10.84
3927.00	41.990	279.030	3889.53	-38.37	-17.07	-122.53	1634122.47	256994.13	39°11'54.176"N	80°47'27.702"W	123.72	262.068	11.89
3958.00	45.130	280.490	3911.99	-50.86	-13.44	-143.58	1634101.42	256997.76	39°11'54.209"N	80°47'27.970"W	144.21	264.651	10.64
4021.00	48.810	282.780	3954.98	-78.99	-4.13	-188.67	1634056.34	257007.07	39°11'54.295"N	80°47'28.545"W	188.71	268.745	6.42
4083.00	48.780	283.600	3995.82	-108.47	6.51	-234.08	1634010.93	257017.71	39°11'54.394"N	80°47'29.124"W	234.17	271.593	1.00
4147.00	48.810	284.730	4037.98	-139.52	18.29	-280.77	1633964.24	257029.49	39°11'54.503"N	80°47'29.719"W	281.36	273.728	1.33
4209.00	48.770	285.570	4078.83	-170.22	30.48	-325.79	1633919.22	257041.68	39°11'54.617"N	80°47'30.293"W	327.21	275.346	1.02
4272.00	46.940	285.100	4121.10	-201.07	42.84	-370.83	1633874.18	257054.04	39°11'54.733"N	80°47'30.867"W	373.30	276.590	2.96
4336.00	46.810	283.780	4164.85	-231.37	54.49	-416.07	1633828.95	257065.69	39°11'54.842"N	80°47'31.444"W	419.62	277.461	1.52
4399.00	46.830	282.510	4207.97	-260.37	64.93	-460.80	1633784.21	257076.13	39°11'54.939"N	80°47'32.014"W	465.35	278.021	1.47
4463.00	46.360	281.710	4251.94	-289.06	74.69	-506.26	1633738.75	257085.89	39°11'55.029"N	80°47'32.593"W	511.74	278.392	1.17
4526.00	46.320	281.380	4295.44	-316.84	83.81	-550.92	1633694.10	257095.01	39°11'55.112"N	80°47'33.162"W	557.26	278.650	0.38
4589.00	46.280	281.260	4338.96	-344.45	92.75	-595.58	1633649.44	257103.95	39°11'55.194"N	80°47'33.731"W	602.76	278.852	0.15
4652.00	46.360	281.500	4382.47	-372.11	101.74	-640.25	1633604.78	257112.94	39°11'55.277"N	80°47'34.300"W	648.28	279.029	0.30
4715.00	46.320	282.190	4425.97	-400.07	111.10	-684.85	1633560.17	257122.29	39°11'55.363"N	80°47'34.868"W	693.80	279.214	0.79
4777.00	46.350	283.310	4468.78	-428.15	121.00	-728.59	1633516.43	257132.19	39°11'55.455"N	80°47'35.425"W	738.57	279.429	1.31
4840.00	45.870	283.960	4512.45	-457.11	131.70	-772.72	1633472.31	257142.89	39°11'55.554"N	80°47'35.988"W	783.86	279.672	1.06
4903.00	45.800	283.580	4556.35	-486.02	142.45	-816.61	1633428.42	257153.65	39°11'55.654"N	80°47'36.547"W	828.94	279.895	0.45
4967.00	46.020	283.560	4600.88	-515.30	153.24	-861.29	1633383.73	257164.43	39°11'55.754"N	80°47'37.116"W	874.82	280.088	0.34
5029.00	45.990	283.820	4643.94	-543.78	163.80	-904.63	1633340.40	257174.99	39°11'55.853"N	80°47'37.669"W	919.34	280.263	0.31
5091.00	46.270	284.380	4686.91	-572.57	174.69	-947.98	1633297.05	257185.88	39°11'55.954"N	80°47'38.221"W	963.94	280.441	0.79

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5155.00	46.230	284.310	4731.17	-602.50	186.14	-992.77	1633252.26	257197.33	39°11'56.061"N	80°47'38.792"W	1010.07	280.619	0.10
5218.00	46.260	284.120	4774.73	-631.88	197.31	-1036.88	1633208.15	257208.51	39°11'56.165"N	80°47'39.355"W	1055.49	280.774	0.22
5281.00	46.320	284.250	4818.27	-661.27	208.47	-1081.03	1633164.00	257219.67	39°11'56.269"N	80°47'39.917"W	1100.95	280.915	0.18
5344.00	46.360	283.160	4861.76	-690.38	219.27	-1125.31	1633119.73	257230.46	39°11'56.369"N	80°47'40.482"W	1146.47	281.026	1.25
5407.00	46.230	281.950	4905.29	-718.77	229.17	-1169.76	1633075.28	257240.36	39°11'56.461"N	80°47'41.048"W	1192.00	281.085	1.40
5470.00	46.240	282.750	4948.87	-747.00	238.90	-1214.21	1633030.83	257250.09	39°11'56.551"N	80°47'41.614"W	1237.49	281.131	0.92
5533.00	46.300	283.000	4992.42	-775.57	249.05	-1258.59	1632986.46	257260.24	39°11'56.645"N	80°47'42.180"W	1282.99	281.193	0.30
5596.00	46.270	281.290	5035.96	-803.69	258.63	-1303.10	1632941.94	257269.82	39°11'56.733"N	80°47'42.747"W	1328.52	281.226	1.96
5659.00	46.280	280.330	5079.51	-830.97	267.16	-1347.82	1632897.23	257278.36	39°11'56.811"N	80°47'43.317"W	1374.04	281.212	1.10
5721.00	46.300	280.780	5122.35	-857.66	275.37	-1391.88	1632853.17	257286.56	39°11'56.886"N	80°47'43.878"W	1418.86	281.191	0.53
5785.00	46.300	281.050	5166.56	-885.45	284.14	-1437.31	1632807.74	257295.33	39°11'56.966"N	80°47'44.456"W	1465.12	281.182	0.31
5848.00	46.120	281.100	5210.16	-912.87	292.87	-1481.94	1632763.11	257304.06	39°11'57.046"N	80°47'45.025"W	1510.60	281.179	0.29
5911.00	45.830	280.980	5253.94	-940.16	301.55	-1526.40	1632718.65	257312.74	39°11'57.125"N	80°47'45.591"W	1555.90	281.175	0.48
5974.00	45.810	280.880	5297.85	-967.30	310.11	-1570.76	1632674.29	257321.30	39°11'57.204"N	80°47'46.156"W	1601.08	281.168	0.12
6037.00	45.810	281.170	5341.76	-994.51	318.75	-1615.10	1632629.95	257329.94	39°11'57.283"N	80°47'46.721"W	1646.26	281.164	0.33
6100.00	45.770	281.510	5385.69	-1021.90	327.63	-1659.38	1632585.68	257338.82	39°11'57.364"N	80°47'47.285"W	1691.41	281.169	0.39
6163.00	45.770	282.390	5429.64	-1049.66	336.98	-1703.54	1632541.52	257348.17	39°11'57.450"N	80°47'47.847"W	1736.55	281.189	1.00
6226.00	45.770	282.870	5473.58	-1077.84	346.85	-1747.59	1632497.47	257358.04	39°11'57.542"N	80°47'48.409"W	1781.68	281.226	0.55
6289.00	46.290	283.230	5517.32	-1106.40	357.09	-1791.76	1632453.30	257368.28	39°11'57.636"N	80°47'48.971"W	1827.00	281.271	0.92
6351.00	46.280	282.090	5560.17	-1134.40	366.91	-1835.48	1632409.58	257378.10	39°11'57.727"N	80°47'49.529"W	1871.80	281.304	1.33
6415.00	46.270	282.540	5604.41	-1163.07	376.77	-1880.67	1632364.39	257387.96	39°11'57.818"N	80°47'50.104"W	1918.04	281.329	0.51
6478.00	46.240	282.830	5647.97	-1191.52	386.77	-1925.07	1632319.99	257397.95	39°11'57.911"N	80°47'50.670"W	1963.54	281.360	0.34
6541.00	46.320	283.000	5691.51	-1220.12	396.94	-1969.45	1632275.62	257408.13	39°11'58.005"N	80°47'51.236"W	2009.05	281.395	0.23
6603.00	46.320	282.420	5734.33	-1248.16	406.81	-2013.19	1632231.88	257417.99	39°11'58.096"N	80°47'51.793"W	2053.88	281.424	0.68
6666.00	46.010	282.030	5777.96	-1276.28	416.43	-2057.60	1632187.47	257427.62	39°11'58.185"N	80°47'52.359"W	2099.32	281.441	0.66

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# Actual Wellpath Report

WBM Heirs WV 515682 AWP Proj: 12636'  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 04
Area	Doddridge Co., WV	Well	WBM Heirs WV 515682
Field	Doddridge	Wellbore	WBM Heirs WV 515682 AWB
Facility	OXF-127 Pad		

## WELLPATH DATA (211 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]
6729.00	45.940	282.190	5821.75	-1304.24	425.94	-2101.89	1632143.18	257437.12	39°11'58.273"N	80°47'52.923"W	2144.62	281.455	0.21
6791.00	45.940	281.960	5864.86	-1331.71	435.26	-2145.46	1632099.61	257446.44	39°11'58.358"N	80°47'53.478"W	2189.17	281.468	0.27
6856.00	45.930	282.520	5910.07	-1360.62	445.16	-2191.11	1632053.97	257456.34	39°11'58.450"N	80°47'54.060"W	2235.87	281.484	0.62
6918.00	45.880	282.690	5953.21	-1388.41	454.87	-2234.56	1632010.51	257466.06	39°11'58.540"N	80°47'54.613"W	2280.39	281.506	0.21
6981.00	45.890	281.690	5997.07	-1416.37	464.42	-2278.77	1631966.31	257475.61	39°11'58.628"N	80°47'55.177"W	2325.62	281.519	1.14
7045.00	45.190	276.860	6041.90	-1442.74	471.79	-2323.82	1631921.25	257482.98	39°11'58.694"N	80°47'55.750"W	2371.23	281.476	5.50
7076.00	44.840	274.730	6063.82	-1454.30	474.01	-2345.64	1631899.44	257485.19	39°11'58.713"N	80°47'56.028"W	2393.05	281.425	4.99
7106.00	43.820	272.880	6085.28	-1464.72	475.40	-2366.55	1631878.53	257486.59	39°11'58.724"N	80°47'56.294"W	2413.83	281.359	5.49
7138.00	43.130	269.810	6108.51	-1474.83	475.92	-2388.56	1631856.52	257487.11	39°11'58.726"N	80°47'56.573"W	2435.51	281.269	6.94
7169.00	42.470	266.830	6131.25	-1483.51	475.31	-2409.60	1631835.48	257486.49	39°11'58.717"N	80°47'56.840"W	2456.04	281.159	6.87
7202.00	41.830	263.590	6155.72	-1491.52	473.46	-2431.67	1631813.41	257484.65	39°11'58.695"N	80°47'57.120"W	2477.33	281.018	6.87
7237.00	41.270	258.120	6181.92	-1498.25	469.78	-2454.57	1631790.51	257480.97	39°11'58.656"N	80°47'57.410"W	2499.12	280.835	10.49
7267.00	40.340	251.700	6204.64	-1501.97	464.70	-2473.48	1631771.60	257475.88	39°11'58.603"N	80°47'57.650"W	2516.75	280.640	14.32
7298.00	40.070	244.680	6228.33	-1503.43	457.27	-2492.03	1631753.05	257468.46	39°11'58.527"N	80°47'57.884"W	2533.64	280.398	14.64
7330.00	40.630	238.490	6252.73	-1502.55	447.42	-2510.23	1631734.85	257458.61	39°11'58.427"N	80°47'58.113"W	2549.80	280.106	12.64
7362.00	41.800	232.620	6276.81	-1499.45	435.50	-2527.60	1631717.49	257446.68	39°11'58.306"N	80°47'58.332"W	2564.84	279.776	12.62
7392.00	42.700	228.260	6299.02	-1494.71	422.65	-2543.14	1631701.95	257433.84	39°11'58.177"N	80°47'58.527"W	2578.02	279.436	10.22
7428.00	42.800	222.530	6325.46	-1486.92	405.50	-2560.52	1631684.57	257416.69	39°11'58.005"N	80°47'58.744"W	2592.43	278.999	10.81
7457.00	42.540	215.730	6346.80	-1478.67	390.28	-2572.91	1631672.18	257401.46	39°11'57.853"N	80°47'58.899"W	2602.34	278.625	15.91
7488.00	43.220	209.020	6369.53	-1467.61	372.48	-2584.19	1631660.90	257383.67	39°11'57.675"N	80°47'59.039"W	2610.89	278.202	14.89
7520.00	44.750	204.560	6392.56	-1454.17	352.65	-2594.19	1631650.90	257363.84	39°11'57.478"N	80°47'59.162"W	2618.04	277.741	10.79
7551.00	46.530	201.660	6414.23	-1439.66	332.26	-2602.87	1631642.21	257343.45	39°11'57.275"N	80°47'59.269"W	2624.00	277.275	8.81
7583.00	48.570	199.660	6435.83	-1423.45	310.17	-2611.20	1631633.89	257321.36	39°11'57.056"N	80°47'59.370"W	2629.56	276.774	7.87
7614.00	50.470	196.760	6455.96	-1406.55	287.78	-2618.56	1631626.53	257298.97	39°11'56.833"N	80°47'59.460"W	2634.32	276.272	9.39
7646.00	52.720	193.580	6475.84	-1387.67	263.58	-2625.11	1631619.98	257274.77	39°11'56.593"N	80°47'59.539"W	2638.31	275.734	10.49

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# Actual Wellpath Report

WBM Heirs WV 515682 AWP Proj: 12636'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 04
Area	Doddridge Co., WV	Well	WBM Heirs WV 515682
Field	Doddridge	Wellbore	WBM Heirs WV 515682 AWB
Facility	OXF-127 Pad		

WELLPATH DATA (211 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]
7678.00	55.110	191.060	6494.69	-1367.38	238.32	-2630.61	1631614.47	257249.51	39°11'56.343"N	80°47'59.604"W	2641.39	275.176	9.81
7710.00	57.740	188.780	6512.38	-1345.79	212.06	-2635.20	1631609.89	257223.25	39°11'56.083"N	80°47'59.657"W	2643.72	274.601	10.14
7740.00	59.960	185.700	6527.90	-1324.32	186.59	-2638.43	1631606.66	257197.79	39°11'55.831"N	80°47'59.694"W	2645.02	274.045	11.49
7771.00	61.580	182.330	6543.04	-1300.90	159.61	-2640.31	1631604.78	257170.81	39°11'55.564"N	80°47'59.713"W	2645.13	273.459	10.83
7803.00	61.690	179.200	6558.25	-1275.76	131.46	-2640.69	1631604.40	257142.66	39°11'55.285"N	80°47'59.712"W	2643.96	272.850	8.61
7835.00	62.040	175.950	6573.34	-1249.90	103.27	-2639.49	1631605.60	257114.47	39°11'55.007"N	80°47'59.692"W	2641.51	272.241	9.02
7867.00	64.520	172.640	6587.73	-1223.10	74.84	-2636.64	1631608.44	257086.04	39°11'54.726"N	80°47'59.650"W	2637.71	271.626	12.06
7897.00	67.450	170.340	6599.94	-1196.96	47.75	-2632.58	1631612.51	257058.94	39°11'54.459"N	80°47'59.594"W	2633.02	271.039	12.02
7930.00	70.020	167.910	6611.91	-1167.28	17.55	-2626.78	1631618.31	257028.75	39°11'54.162"N	80°47'59.515"W	2626.84	270.383	10.38
7963.00	72.620	165.780	6622.48	-1136.80	-12.88	-2619.66	1631625.43	256998.32	39°11'53.862"N	80°47'59.419"W	2619.69	269.718	9.97
7997.00	73.870	163.970	6632.28	-1104.83	-44.31	-2611.16	1631633.92	256966.89	39°11'53.552"N	80°47'59.305"W	2611.54	269.028	6.28
8026.00	74.350	162.290	6640.22	-1077.30	-71.00	-2603.07	1631642.02	256940.20	39°11'53.290"N	80°47'59.197"W	2604.04	268.438	5.81
8086.00	79.760	158.910	6653.66	-1019.24	-126.12	-2583.64	1631661.45	256885.08	39°11'52.748"N	80°47'58.940"W	2586.71	267.205	10.56
8149.00	83.340	156.610	6662.92	-957.07	-183.78	-2560.05	1631685.03	256827.42	39°11'52.181"N	80°47'58.630"W	2566.64	265.894	6.73
8211.00	89.010	156.300	6667.05	-895.29	-240.47	-2535.35	1631709.74	256770.74	39°11'51.625"N	80°47'58.306"W	2546.73	264.582	9.16
8275.00	89.140	154.020	6668.09	-831.31	-298.54	-2508.47	1631736.61	256712.67	39°11'51.055"N	80°47'57.954"W	2526.17	263.213	3.57
8336.00	89.170	150.580	6668.99	-770.36	-352.54	-2480.12	1631764.96	256658.68	39°11'50.525"N	80°47'57.584"W	2505.05	261.910	5.64
8399.00	89.140	148.950	6669.92	-707.54	-406.96	-2448.40	1631796.68	256604.26	39°11'49.992"N	80°47'57.171"W	2481.99	260.563	2.59
8462.00	89.170	151.880	6670.85	-644.67	-461.73	-2417.31	1631827.78	256549.48	39°11'49.455"N	80°47'56.766"W	2461.01	259.186	4.65
8525.00	89.110	153.020	6671.79	-581.71	-517.58	-2388.17	1631856.91	256493.64	39°11'48.907"N	80°47'56.386"W	2443.61	257.772	1.81
8588.00	89.420	153.300	6672.60	-518.72	-573.79	-2359.73	1631885.35	256437.43	39°11'48.356"N	80°47'56.014"W	2428.49	256.333	0.66
8652.00	89.600	154.200	6673.15	-454.72	-631.19	-2331.42	1631913.66	256380.03	39°11'47.792"N	80°47'55.644"W	2415.35	254.851	1.43
8714.00	89.600	155.040	6673.58	-392.73	-687.20	-2304.85	1631940.23	256324.02	39°11'47.243"N	80°47'55.296"W	2405.11	253.398	1.35
8776.00	89.570	156.190	6674.03	-330.75	-743.67	-2279.25	1631965.82	256267.56	39°11'46.688"N	80°47'54.961"W	2397.51	251.930	1.86
8839.00	89.660	157.110	6674.45	-267.82	-801.51	-2254.28	1631990.79	256209.72	39°11'46.120"N	80°47'54.633"W	2392.53	250.427	1.47

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# Actual Wellpath Report

WBM Heirs WV 515682 AWP Proj: 12636'  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 04
Area	Doddridge Co., WV	Well	WBM Heirs WV 515682
Field	Doddridge	Wellbore	WBM Heirs WV 515682 AWB
Facility	OXF-127 Pad		

## WELLPATH DATA (211 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Seet [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]
8902.00	89.600	156.630	6674.86	-204.90	-859.44	-2229.54	1632015.54	256151.79	39°11'45.551"N	80°47'54.308"W	2389.45	248.919	0.77
8967.00	89.600	155.090	6675.31	-139.94	-918.75	-2202.96	1632042.12	256092.48	39°11'44.969"N	80°47'53.960"W	2386.86	247.361	2.37
9031.00	89.660	153.560	6675.73	-75.95	-976.43	-2175.23	1632069.85	256034.80	39°11'44.403"N	80°47'53.597"W	2384.33	245.825	2.39
9093.00	89.660	153.670	6676.09	-13.95	-1031.97	-2147.68	1632097.40	255979.26	39°11'43.858"N	80°47'53.237"W	2382.75	244.335	0.18
9156.00	89.660	154.040	6676.47	49.05	-1088.52	-2119.92	1632125.16	255922.71	39°11'43.303"N	80°47'52.874"W	2383.05	242.821	0.59
9220.00	89.660	154.910	6676.85	113.05	-1146.28	-2092.34	1632152.73	255864.96	39°11'42.736"N	80°47'52.513"W	2385.76	241.284	1.36
9282.00	89.630	155.650	6677.23	175.03	-1202.59	-2066.41	1632178.66	255808.65	39°11'42.183"N	80°47'52.174"W	2390.88	239.802	1.19
9345.00	89.690	155.380	6677.61	238.01	-1259.93	-2040.30	1632204.77	255751.32	39°11'41.620"N	80°47'51.831"W	2397.97	238.304	0.44
9409.00	89.660	155.030	6677.97	301.99	-1318.03	-2013.46	1632231.61	255693.22	39°11'41.050"N	80°47'51.480"W	2406.50	236.791	0.55
9471.00	90.180	153.080	6678.05	363.99	-1373.77	-1986.34	1632258.73	255637.47	39°11'40.503"N	80°47'51.125"W	2415.12	235.332	3.26
9536.00	90.150	152.490	6677.87	428.97	-1431.58	-1956.61	1632288.45	255579.67	39°11'39.936"N	80°47'50.737"W	2424.41	233.808	0.91
9596.00	90.120	153.010	6677.73	488.96	-1484.92	-1929.14	1632315.93	255526.33	39°11'39.413"N	80°47'50.378"W	2434.45	232.413	0.87
9659.00	90.150	152.730	6677.58	551.94	-1540.99	-1900.41	1632344.65	255470.27	39°11'38.863"N	80°47'50.003"W	2446.67	230.962	0.45
9723.00	90.180	152.300	6677.39	615.92	-1597.76	-1870.87	1632374.19	255413.49	39°11'38.306"N	80°47'49.618"W	2460.29	229.502	0.67
9786.00	90.090	154.610	6677.24	678.91	-1654.12	-1842.72	1632402.34	255357.14	39°11'37.753"N	80°47'49.250"W	2476.23	228.087	3.67
9849.00	89.630	153.930	6677.40	741.91	-1710.87	-1815.37	1632429.69	255300.39	39°11'37.196"N	80°47'48.892"W	2494.52	226.697	1.30
9913.00	89.660	152.390	6677.80	805.90	-1767.97	-1786.48	1632458.58	255243.29	39°11'36.636"N	80°47'48.515"W	2513.41	225.298	2.41
9974.00	89.290	152.890	6678.35	866.88	-1822.15	-1758.44	1632486.62	255189.11	39°11'36.104"N	80°47'48.149"W	2532.26	223.981	1.02
10037.00	89.380	153.190	6679.09	929.87	-1878.30	-1729.88	1632515.17	255132.97	39°11'35.553"N	80°47'47.776"W	2553.53	222.645	0.50
10100.00	89.630	151.300	6679.63	992.84	-1934.04	-1700.55	1632544.51	255077.22	39°11'35.007"N	80°47'47.393"W	2575.34	221.324	3.03
10163.00	89.690	149.220	6680.00	1055.70	-1988.74	-1669.30	1632575.76	255022.53	39°11'34.470"N	80°47'46.986"W	2596.47	220.009	3.30
10227.00	89.600	149.920	6680.40	1119.50	-2043.92	-1636.88	1632608.17	254967.35	39°11'33.930"N	80°47'46.564"W	2618.59	218.690	1.10
10290.00	89.630	151.600	6680.82	1182.40	-2098.89	-1606.11	1632638.94	254912.38	39°11'33.391"N	80°47'46.164"W	2642.90	217.424	2.67
10355.00	89.820	148.720	6681.14	1247.25	-2155.27	-1573.77	1632671.28	254856.00	39°11'32.838"N	80°47'45.742"W	2668.70	216.137	4.44
10418.00	89.720	148.920	6681.39	1309.99	-2209.17	-1541.16	1632703.90	254802.11	39°11'32.310"N	80°47'45.318"W	2693.62	214.900	0.35

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# Actual Wellpath Report

WBM Heirs WV 515682 AWP Proj: 12636'  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 04
Area	Doddridge Co., WV	Well	WBM Heirs WV 515682
Field	Doddridge	Wellbore	WBM Heirs WV 515682 AWB
Facility	OXF-127 Pad		

## WELLPATH DATA (211 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]
10481.00	89.720	151.370	6681.70	1372.84	-2263.80	-1509.80	1632735.25	254747.47	39°11'31.775"N	80°47'44.910"W	2721.08	213.701	3.89
10544.00	89.750	153.830	6681.99	1435.82	-2319.73	-1480.81	1632764.24	254691.55	39°11'31.226"N	80°47'44.532"W	2752.08	212.552	3.91
10607.00	89.720	157.780	6682.28	1498.77	-2377.18	-1454.99	1632790.06	254634.10	39°11'30.662"N	80°47'44.193"W	2787.11	211.469	6.27
10669.00	90.030	159.790	6682.41	1560.55	-2434.98	-1432.56	1632812.49	254576.30	39°11'30.094"N	80°47'43.898"W	2825.13	210.469	3.28
10732.00	90.740	159.090	6681.99	1623.27	-2493.96	-1410.43	1632834.61	254517.32	39°11'29.514"N	80°47'43.606"W	2865.17	209.490	1.58
10796.00	90.310	153.990	6681.40	1687.18	-2552.65	-1384.96	1632860.08	254458.63	39°11'28.938"N	80°47'43.272"W	2904.16	208.482	8.00
10858.00	90.120	148.080	6681.17	1749.07	-2606.87	-1354.95	1632890.09	254404.42	39°11'28.406"N	80°47'42.881"W	2937.97	207.464	9.54
10922.00	90.000	148.080	6681.10	1812.73	-2661.19	-1321.11	1632923.93	254350.10	39°11'27.874"N	80°47'42.441"W	2971.08	206.401	0.19
10984.00	90.000	152.810	6681.10	1874.59	-2715.11	-1290.54	1632954.50	254296.18	39°11'27.346"N	80°47'42.043"W	3006.21	205.423	7.63
11047.00	89.970	154.520	6681.12	1937.59	-2771.57	-1262.59	1632982.45	254239.72	39°11'26.792"N	80°47'41.678"W	3045.61	204.492	2.71
11107.00	90.000	154.860	6681.14	1997.58	-2825.81	-1236.94	1633008.10	254185.48	39°11'26.259"N	80°47'41.342"W	3084.68	203.640	0.57
11169.00	89.940	156.120	6681.17	2059.56	-2882.22	-1211.22	1633033.82	254129.07	39°11'25.706"N	80°47'41.005"W	3126.38	202.794	2.03
11234.00	90.090	156.790	6681.15	2124.50	-2941.81	-1185.26	1633059.78	254069.49	39°11'25.120"N	80°47'40.665"W	3171.61	201.945	1.06
11299.00	90.090	154.570	6681.05	2189.47	-3001.04	-1158.49	1633086.55	254010.26	39°11'24.539"N	80°47'40.314"W	3216.88	201.108	3.42
11363.00	90.090	152.920	6680.95	2253.46	-3058.43	-1130.18	1633114.86	253952.87	39°11'23.976"N	80°47'39.944"W	3260.57	200.281	2.58
11425.00	89.880	154.590	6680.97	2315.46	-3114.04	-1102.76	1633142.27	253897.26	39°11'23.430"N	80°47'39.585"W	3303.53	199.500	2.71
11488.00	89.850	159.320	6681.11	2378.36	-3172.00	-1078.11	1633166.93	253839.31	39°11'22.861"N	80°47'39.262"W	3350.21	198.772	7.51
11551.00	89.970	161.230	6681.21	2440.98	-3231.30	-1056.85	1633188.19	253780.01	39°11'22.278"N	80°47'38.981"W	3399.74	198.111	3.04
11614.00	90.250	157.450	6681.09	2503.69	-3290.23	-1034.62	1633210.41	253721.08	39°11'21.698"N	80°47'38.688"W	3449.07	197.456	6.02
11677.00	90.150	152.380	6680.87	2566.67	-3347.27	-1007.92	1633237.11	253664.04	39°11'21.138"N	80°47'38.338"W	3495.73	196.758	8.05
11741.00	89.970	149.540	6680.81	2630.57	-3403.22	-976.86	1633268.17	253608.09	39°11'20.590"N	80°47'37.934"W	3540.65	196.016	4.45
11803.00	89.970	150.130	6680.84	2692.41	-3456.83	-945.70	1633299.33	253554.49	39°11'20.065"N	80°47'37.528"W	3583.85	195.300	0.95
11866.00	89.940	153.270	6680.89	2755.35	-3512.29	-915.84	1633329.19	253499.03	39°11'19.521"N	80°47'37.139"W	3629.73	194.615	4.98
11928.00	90.120	153.970	6680.85	2817.34	-3567.83	-888.29	1633356.74	253443.49	39°11'18.976"N	80°47'36.779"W	3676.75	193.981	1.17
11991.00	90.000	155.560	6680.79	2880.34	-3624.82	-861.43	1633383.59	253386.50	39°11'18.416"N	80°47'36.427"W	3725.77	193.368	2.53

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# Actual Wellpath Report

WBM Heirs WV 515682 AWP Proj: 12636'  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 04
Area	Doddridge Co., WV	Well	WBM Heirs WV 515682
Field	Doddridge	Wellbore	WBM Heirs WV 515682 AWB
Facility	OXF-127 Pad		

## WELLPATH DATA (211 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]
12055.00	90.280	157.680	6680.63	2944.27	-3683.56	-836.04	1633408.99	253327.76	39°11'17.839"N	80°47'36.094"W	3777.24	192.787	3.34
12118.00	90.280	158.100	6680.32	3007.12	-3741.93	-812.33	1633432.70	253269.40	39°11'17.266"N	80°47'35.782"W	3829.08	192.248	0.67
12181.00	90.310	157.590	6680.00	3069.98	-3800.27	-788.57	1633456.46	253211.05	39°11'16.693"N	80°47'35.470"W	3881.23	191.723	0.81
12243.00	90.220	157.770	6679.71	3131.85	-3857.63	-765.02	1633480.00	253153.70	39°11'16.129"N	80°47'35.160"W	3932.75	191.217	0.32
12306.00	90.250	157.780	6679.46	3194.71	-3915.95	-741.19	1633503.83	253095.38	39°11'15.556"N	80°47'34.847"W	3985.47	190.718	0.05
12369.00	90.340	157.140	6679.13	3257.60	-3974.13	-717.04	1633527.98	253037.20	39°11'14.985"N	80°47'34.530"W	4038.30	190.228	1.03
12432.00	90.310	156.420	6678.77	3320.52	-4032.03	-692.21	1633552.82	252979.31	39°11'14.416"N	80°47'34.204"W	4091.02	189.741	1.14
12495.00	89.880	156.630	6678.67	3383.46	-4089.81	-667.11	1633577.91	252921.52	39°11'13.849"N	80°47'33.875"W	4143.86	189.264	0.76
12560.00	89.880	154.740	6678.80	3448.43	-4149.05	-640.35	1633604.67	252862.29	39°11'13.267"N	80°47'33.524"W	4198.17	188.774	2.91
12611.00	89.820	152.280	6678.94	3499.42	-4194.69	-617.60	1633627.42	252816.65	39°11'12.819"N	80°47'33.227"W	4239.91	188.376	4.82
12636.00	89.820	152.280	6679.02	3524.41	-4216.82	-605.97	1633639.05	252794.52	39°11'12.602"N	80°47'33.075"W	4260.14	188.178	0.00

## HOLE & CASING SECTIONS - Ref Wellbore: WBM Heirs WV 515682 AWB Ref Wellpath: WBM Heirs WV 515682 AWP Proj: 12636'

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]
13.375in Casing Surface	16.00	1053.00	1037.00	16.00	1052.98	0.00	0.00	-0.14	5.08
9.625in Casing Intermediate	16.00	2983.00	2967.00	16.00	2982.79	0.00	0.00	0.70	30.11

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# Actual Wellpath Report

WBM Heirs WV 515682 AWP Proj: 12636'  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 04
Area	Doddridge Co., WV	Well	WBM Heirs WV 515682
Field	Doddridge	Wellbore	WBM Heirs WV 515682 AWB
Facility	OXF-127 Pad		

## TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
515682 BHL Rev-2		6662.00	-4213.02	-597.25	1633647.77	252798.32	39°11'12.641"N	80°47'32.965"W	point
515682 LP Rev-4		6662.00	-218.04	-2545.73	1631699.35	256793.16	39°11'51.845"N	80°47'58.442"W	point

## WELLPATH COMPOSITION - Ref Wellbore: WBM Heirs WV 515682 AWB Ref Wellpath: WBM Heirs WV 515682 AWP Proj: 12636'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	3283.00	Gyrodata standard - Continuous gyro	01_Gyro Surveys (100'-3280')	WBM Heirs WV 515682 AWB
3283.00	12611.00	NaviTrak (AT Curve Short Spaced)	02_BHI AT Curve <8-1/2"> (3283')(3303'-12611')	WBM Heirs WV 515682 AWB
12611.00	12636.00	Blind Drilling (std)	Projection to bit	WBM Heirs WV 515682 AWB

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WBM Heirs WV 515682 AWP Proj: 12636'  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 04
Area	Doddridge Co., WV	Well	WBM Heirs WV 515682
Field	Doddridge	Wellbore	WBM Heirs WV 515682 AWB
Facility	OXF-127 Pad		

## COMMENTS

### Wellpath general comments

API: 47-017-06611-0000

Rig: Savanna 655

BHI Job #: 7434118

Duration: 08.23.2015 - 09.03.2015

Gyro Surveys (100'-3280')

BHI AT Curve &lt;8-1/2"&gt; (3283')(3303'-12611')

Projected MD at TD: 12636'

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# EQT

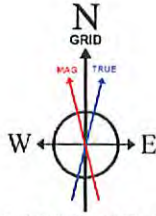
Location: Doddridge Co., WV  
 Field: Doddridge  
 Facility: OXF-127 Pad

Slot: Slot 04  
 Well: WBM Heirs WV 515682  
 Wellbore: WBM Heirs WV 515682 PWB



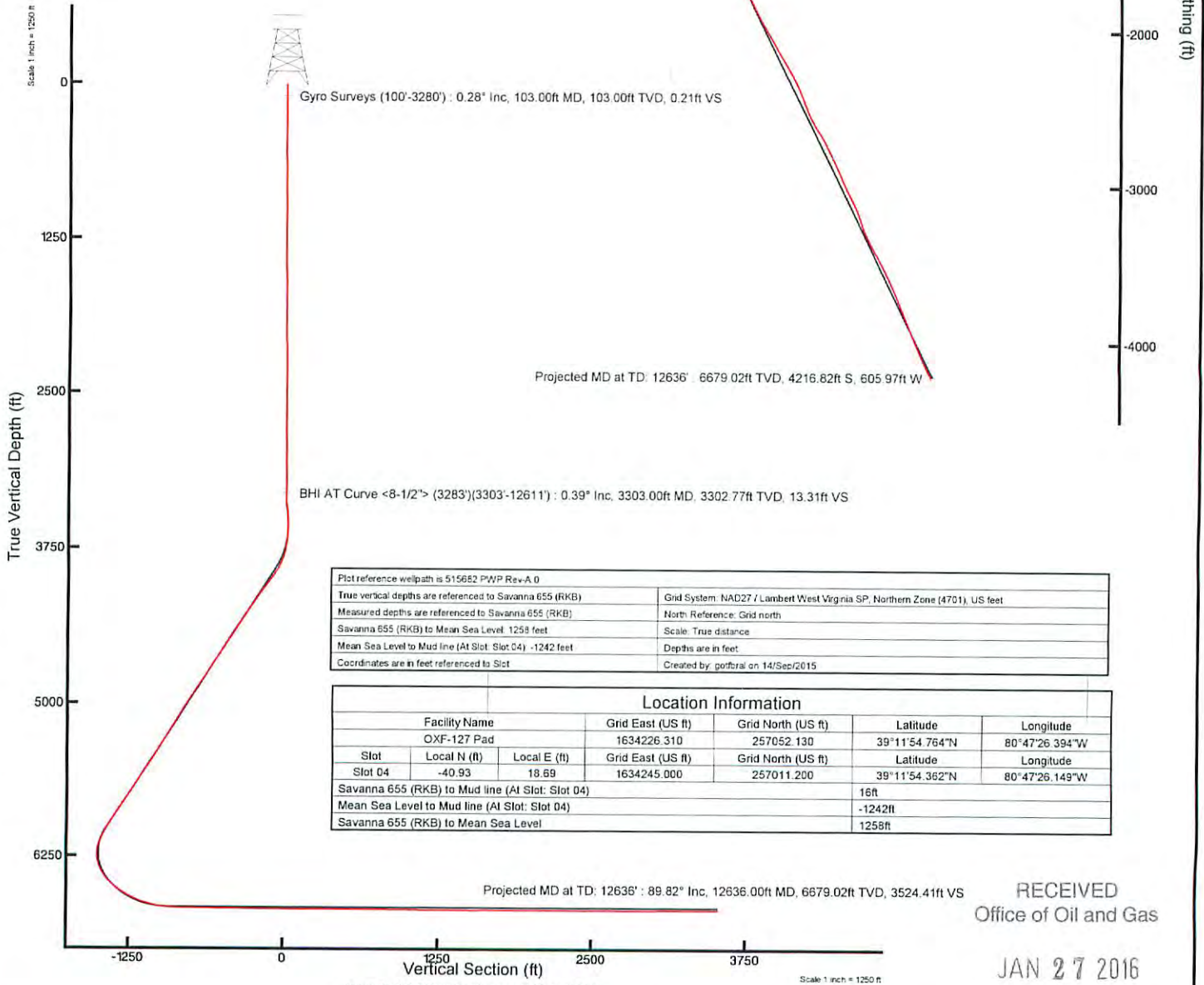
API #47-170-06611

Scale 1 inch = 1000  
 Easting (ft)  
 -3000 -2000 -1000 0



BGGM (1945.0 to 2017.0) Dip: 66.67° Field: 52085.6 nT  
 Magnetic North is 8.51 degrees West of True North (at 12/Aug/2015)  
 Grid North is 0.82 degrees West of True North  
 To correct azimuth from True to Grid add 0.82 degrees  
 To correct azimuth from Magnetic to Grid subtract 7.69 degrees

Gyro Surveys (100'-3280') : 103.00ft TVD, 0.19ft S, 0.09ft E  
 BHI AT Curve <8-1/2"> (3283')(3303'-12611') : 3302.77ft TVD, 1.36ft N, 33.15ft E



Gyro Surveys (100'-3280') : 0.28° Inc, 103.00ft MD, 103.00ft TVD, 0.21ft VS

Projected MD at TD: 12636' 6679.02ft TVD, 4216.82ft S, 605.97ft W

BHI AT Curve <8-1/2"> (3283')(3303'-12611') : 0.39° Inc, 3303.00ft MD, 3302.77ft TVD, 13.31ft VS

Projected MD at TD: 12636' : 89.82° Inc, 12636.00ft MD, 6679.02ft TVD, 3524.41ft VS

Plot reference wellpath is 515682 PWP Rev-A 0	
True vertical depths are referenced to Savanna 655 (RKB)	Grid System: NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet
Measured depths are referenced to Savanna 655 (RKB)	North Reference: Grid north
Savanna 655 (RKB) to Mean Sea Level: 1258 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: Slot 04) : -1242 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: gofbrai on 14/Sep/2015

Location Information					
Facility Name		Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
OXF-127 Pad		1634226.310	257052.130	39°11'54.764"N	80°47'26.394"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude
Slot 04	-40.93	18.69	1634245.000	257011.200	39°11'54.362"N
Savanna 655 (RKB) to Mud line (At Slot: Slot 04)				16ft	
Mean Sea Level to Mud line (At Slot: Slot 04)				-1242ft	
Savanna 655 (RKB) to Mean Sea Level				1258ft	

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