



ANTERO RESOURCES CORPORATION

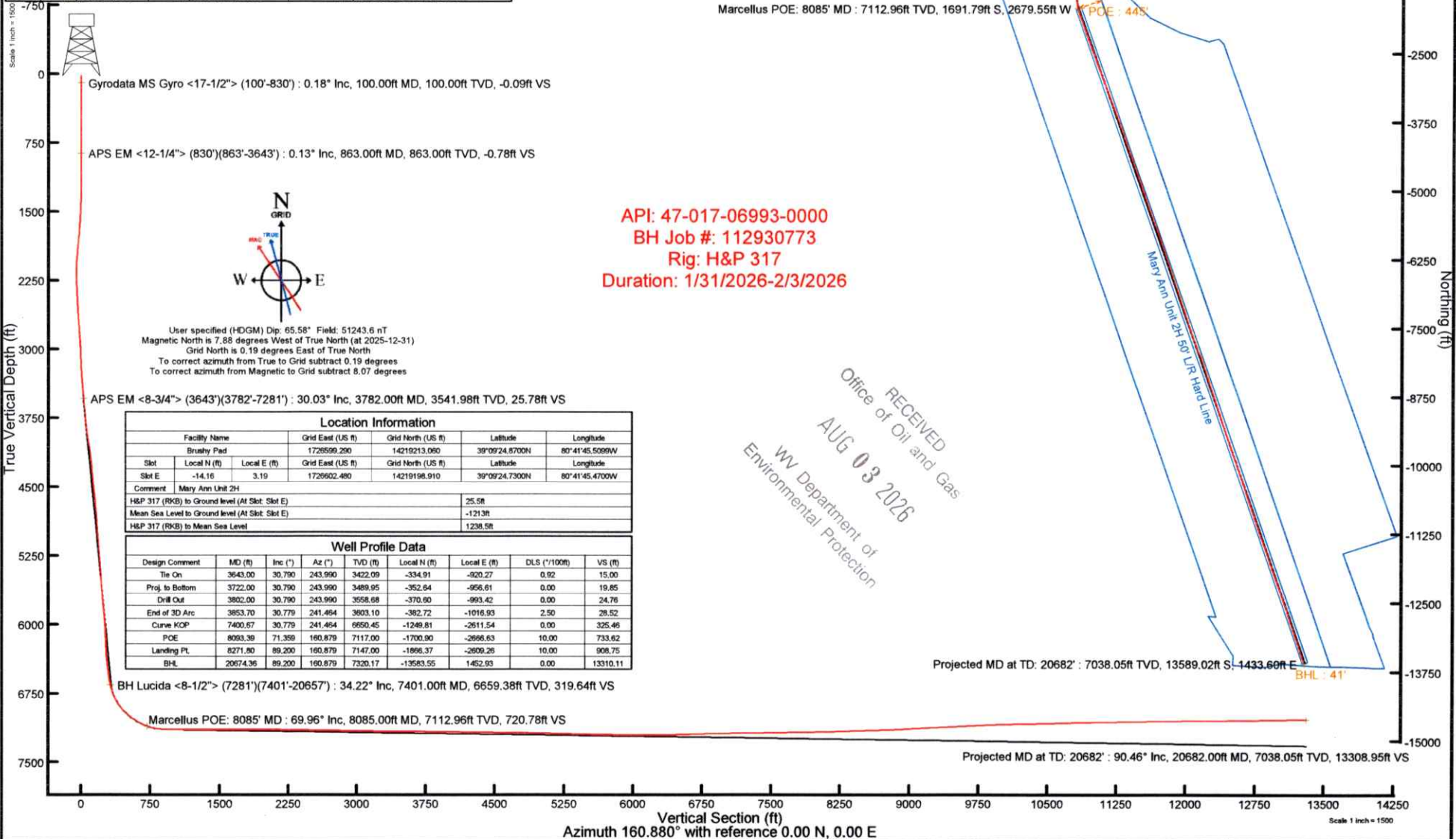
Area: Doddridge Co., WV
Field: Doddridge
Facility: Brushy Pad
Slot: Slot E

Well: Mary Ann Unit 2H
UWI: 47-017-06993-0000
Wellbore: Mary Ann Unit 2H PWB
Wellpath: Mary Ann Unit 2H PWP Rev-B.0



Plot reference wellbore is Mary Ann Unit 2H PWP Rev-B.0	Grid System: NAD83 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 317 (RKB)	North Reference: Grid north
Reference wellbore measured depths are referenced to H&P 317 (RKB)	Scale: True distance
H&P 317 (RKB) to Mean Sea Level: 1236.5 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot E): -1213 feet	Depths are in feet
Offset wellbore MDs are referenced to each path's default MD datum	Created by: edwardson on 2025-03-01, Database: WA_MPL_EASTERNUS_Data

Well Data			
Slot	Well	Wellbore	Wellpath
Slot E	Mary Ann Unit 2H	Mary Ann Unit 2H AWP	Mary Ann Unit 2H AWP Proj: 20682'
Slot E	Mary Ann Unit 2H	Mary Ann Unit 2H PWB	Mary Ann Unit 2H PWP Rev-B.0



Location Information							
Facility Name		Grid East (US ft)		Grid North (US ft)		Latitude	
Brushy Pad		1726596.290		14219213.060		39°09'24.8700N	
Slot		Local N (ft)		Local E (ft)		Latitude	
Slot E		-14.16		3.19		39°09'24.7300N	
Comment		Mary Ann Unit 2H				80°41'45.4700W	
H&P 317 (RKB) to Ground level (At Slot: Slot E)						25.58	
Mean Sea Level to Ground level (At Slot: Slot E)						-1213.08	
H&P 317 (RKB) to Mean Sea Level						1236.58	

Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)
Tie On	3643.00	30.790	243.990	3422.09	-334.91	-920.27	0.92
Proj. to Bottom	3722.00	30.790	243.990	3489.95	-352.64	-956.61	0.00
Drill Out	3802.00	30.790	243.990	3558.68	-370.60	-993.42	0.00
End of 3D Arc	3853.70	30.779	241.464	3603.10	-382.72	-1016.93	2.50
Curve KOP	7400.67	30.779	241.464	6650.45	-1249.81	-2611.54	0.00
POE	8093.39	71.359	160.879	7117.00	-1700.90	-2696.63	10.00
Landing PL	8271.80	89.200	160.879	7147.00	-1866.37	-2809.26	10.00
BHL	20674.36	89.200	160.879	7320.17	-13583.55	-1452.93	0.00



Actual Wellpath Report

Mary Ann Unit 2H AWP Proj: 20682'

Page 1 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Mary Ann Unit 2H
Field	Doddridge	UWI	47-017-06993-0000
Facility	Brushy Pad	Wellbore	Mary Ann Unit 2H AWB
Slot	Slot E		

REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 17 North, US feet [32067]	Software System	WellArchitect® 7.0.1
North Reference	Grid	Report Generated By	Edsaryar on 2026-03-01 at 1:23:33 AM
Scale	0.999609	Last Updated	2026-03-01
Convergence at slot	0.19° East	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	-14.16	3.19	1726602.48	14219198.91	39°09'24.7300"N	80°41'45.4700"W
Facility Reference Pt			1726599.29	14219213.06	39°09'24.8700"N	80°41'45.5099"W
Field Reference Pt			0.00	0.00	0°00'0.0000"	85°29'19.3013"W

WELLPATH DATUM

Calculation method	Minimum curvature	H&P 317 (RKB) to Facility Vertical Datum	1238.50ft
Horizontal Reference Pt	Slot	H&P 317 (RKB) to Mean Sea Level	1238.50ft
Vertical Reference Pt	H&P 317 (RKB)	H&P 317 (RKB) to Ground Level at Slot (Slot E)	25.50ft
MD Reference Pt	H&P 317 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	160.880°

RECEIVED
Office of Oil and Gas
AUG 03 2026
WV Department of
Environmental Protection



Actual Wellpath Report

Mary Ann Unit 2H AWP Proj: 20682'

Page 2 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Mary Ann Unit 2H
Field	Doddridge	UWI	47-017-06993-0000
Facility	Brushy Pad	Wellbore	Mary Ann Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (228 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]	Comments
0.00†	0.000	22.610	0.00	0.00	0.00	0.00	1726602.48	14219198.91	39°09'24.7300"N	80°41'45.4700"W	0.00	0.000	0.00	0.00	0.00	
25.50	0.000	22.610	25.50	0.00	0.00	0.00	1726602.48	14219198.91	39°09'24.7300"N	80°41'45.4700"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.180	22.610	100.00	-0.09	0.11	0.04	1726602.52	14219199.02	39°09'24.7310"N	80°41'45.4695"W	0.12	22.610	0.24	0.24	0.00	Gyrodata MS Gyro <17-1/2"> (100'-830')
200.00	0.260	26.960	200.00	-0.36	0.46	0.21	1726602.69	14219199.37	39°09'24.7344"N	80°41'45.4674"W	0.50	24.580	0.08	0.08	4.35	
300.00	0.170	43.000	300.00	-0.59	0.77	0.41	1726602.89	14219199.68	39°09'24.7375"N	80°41'45.4648"W	0.87	28.291	0.11	-0.09	16.04	
400.00	0.040	55.710	400.00	-0.67	0.89	0.54	1726603.02	14219199.80	39°09'24.7388"N	80°41'45.4631"W	1.05	31.236	0.13	-0.13	12.71	
500.00	0.030	264.240	500.00	-0.68	0.91	0.55	1726603.02	14219199.82	39°09'24.7389"N	80°41'45.4631"W	1.06	30.888	0.07	-0.01	-151.47	
600.00	0.020	237.830	600.00	-0.68	0.90	0.50	1726602.98	14219199.81	39°09'24.7388"N	80°41'45.4636"W	1.03	29.282	0.02	-0.01	-26.41	
700.00	0.060	244.370	700.00	-0.67	0.87	0.44	1726602.92	14219199.78	39°09'24.7385"N	80°41'45.4644"W	0.97	27.019	0.04	0.04	6.54	
800.00	0.120	301.310	800.00	-0.75	0.90	0.31	1726602.79	14219199.81	39°09'24.7388"N	80°41'45.4661"W	0.95	18.773	0.10	0.06	56.94	
830.00	0.150	283.300	830.00	-0.79	0.92	0.24	1726602.72	14219199.83	39°09'24.7391"N	80°41'45.4669"W	0.96	14.586	0.17	0.10	-60.03	
863.00	0.130	181.570	863.00	-0.78	0.90	0.20	1726602.68	14219199.81	39°09'24.7388"N	80°41'45.4675"W	0.92	12.417	0.66	-0.06	-308.27	APS EM <12-1/4"> (830')(863'-3643')
952.00	1.440	218.950	951.99	-0.10	-0.07	-0.51	1726601.97	14219198.84	39°09'24.7292"N	80°41'45.4765"W	0.51	261.753	1.50	1.47	42.00	
1041.00	3.160	239.390	1040.91	0.98	-2.19	-3.32	1726599.16	14219196.72	39°09'24.7084"N	80°41'45.5123"W	3.98	236.580	2.11	1.93	22.97	
1136.00	5.250	250.850	1135.65	1.51	-4.95	-9.68	1726592.80	14219193.96	39°09'24.6813"N	80°41'45.5932"W	10.88	242.914	2.36	2.20	12.06	
1231.00	7.290	257.030	1230.08	0.86	-7.73	-19.66	1726582.82	14219191.18	39°09'24.6542"N	80°41'45.7200"W	21.13	248.537	2.26	2.15	6.51	
1325.00	9.350	259.130	1323.09	-0.87	-10.51	-32.98	1726569.52	14219188.40	39°09'24.6272"N	80°41'45.8891"W	34.61	252.322	2.21	2.19	2.23	
1420.00	11.480	260.110	1416.52	-3.50	-13.59	-49.87	1726552.63	14219185.33	39°09'24.5973"N	80°41'46.1037"W	51.69	254.757	2.25	2.24	1.03	
1514.00	13.350	262.310	1508.32	-7.15	-16.65	-69.84	1726532.67	14219182.27	39°09'24.5677"N	80°41'46.3573"W	71.80	256.592	2.05	1.99	2.34	
1609.00	15.480	263.130	1600.32	-12.01	-19.63	-93.30	1726509.22	14219179.29	39°09'24.5390"N	80°41'46.6553"W	95.34	258.117	2.25	2.24	0.86	
1704.00	17.990	264.400	1691.29	-18.13	-22.58	-120.49	1726482.04	14219176.34	39°09'24.5108"N	80°41'47.0006"W	122.59	259.385	2.67	2.64	1.34	
1798.00	20.790	265.360	1779.95	-25.70	-25.35	-151.57	1726450.97	14219173.57	39°09'24.4844"N	80°41'47.3952"W	153.68	260.506	3.00	2.98	1.02	
1893.00	22.280	264.090	1868.32	-34.03	-28.57	-186.29	1726416.26	14219170.36	39°09'24.4538"N	80°41'47.8361"W	188.47	261.282	1.64	1.57	-1.34	
1987.00	22.460	262.190	1955.24	-41.62	-32.84	-221.81	1726380.76	14219166.08	39°09'24.4127"N	80°41'48.2871"W	224.22	261.578	0.79	0.19	-2.02	
2082.00	22.060	260.280	2043.16	-48.10	-38.32	-257.37	1726345.21	14219160.61	39°09'24.3597"N	80°41'48.7388"W	260.21	261.532	0.87	-0.42	-2.01	
2176.00	21.200	253.870	2130.56	-51.87	-46.02	-291.10	1726311.49	14219152.91	39°09'24.2847"N	80°41'49.1674"W	294.72	261.016	2.67	-0.91	-6.82	
2271.00	22.170	246.850	2218.85	-51.50	-57.84	-324.09	1726278.52	14219141.09	39°09'24.1689"N	80°41'49.5866"W	329.21	259.880	2.91	1.02	-7.39	
2366.00	24.600	244.940	2306.04	-48.20	-73.27	-358.49	1726244.13	14219125.67	39°09'24.0176"N	80°41'50.0240"W	365.90	258.449	2.68	2.56	-2.01	
2460.00	27.020	246.030	2390.66	-44.36	-90.23	-395.73	1726206.91	14219108.71	39°09'23.8512"N	80°41'50.4974"W	405.88	257.155	2.62	2.57	1.16	
2555.00	29.650	245.930	2474.27	-40.51	-108.59	-436.91	1726165.74	14219090.37	39°09'23.6711"N	80°41'51.0210"W	450.20	256.043	2.77	2.77	-0.11	

RECEIVED
Office of Oil and Gas
AUG 03 2026
WV Department of
Environmental Protection



Actual Wellpath Report

Mary Ann Unit 2H AWP Proj: 20682'

Page 3 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Mary Ann Unit 2H
Field	Doddridge	UWI	47-017-06993-0000
Facility	Brushy Pad	Wellbore	Mary Ann Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (228 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]	Comments
2650.00	29.730	244.840	2556.79	-36.01	-128.19	-479.68	1726122.98	14219070.78	39°09'23.4788"N	80°41'51.5648"W	496.52	255.039	0.57	0.08	-1.15	
2744.00	29.560	244.870	2638.49	-31.13	-147.94	-521.77	1726080.91	14219051.03	39°09'23.2849"N	80°41'52.0999"W	542.34	254.170	0.18	-0.18	0.03	
2839.00	29.280	244.060	2721.24	-25.91	-168.05	-563.88	1726038.82	14219030.92	39°09'23.0875"N	80°41'52.6353"W	588.39	253.404	0.51	-0.29	-0.85	
2933.00	29.140	242.710	2803.29	-19.93	-188.60	-604.89	1725997.83	14219010.38	39°09'22.8858"N	80°41'53.1568"W	633.61	252.683	0.72	-0.15	-1.44	
3028.00	28.160	243.370	2886.66	-13.71	-209.26	-645.49	1725957.25	14218989.74	39°09'22.6830"N	80°41'53.6730"W	678.56	252.038	1.08	-1.03	0.69	
3123.00	27.380	244.010	2970.71	-8.17	-228.88	-685.16	1725917.59	14218970.12	39°09'22.4904"N	80°41'54.1775"W	722.38	251.528	0.88	-0.82	0.67	
3217.00	29.040	248.100	3053.55	-4.48	-246.86	-725.76	1725877.00	14218952.14	39°09'22.3139"N	80°41'54.6937"W	766.60	251.215	2.71	1.77	4.35	
3312.00	29.010	247.350	3136.62	-1.94	-264.33	-768.42	1725834.36	14218934.68	39°09'22.1426"N	80°41'55.2358"W	812.61	251.017	0.38	-0.03	-0.79	
3406.00	29.950	246.590	3218.45	1.22	-282.43	-810.99	1725791.81	14218916.59	39°09'21.9651"N	80°41'55.7770"W	858.76	250.799	1.08	1.00	-0.81	
3501.00	30.840	243.540	3300.40	6.10	-302.71	-854.55	1725748.26	14218896.32	39°09'21.7662"N	80°41'56.3309"W	906.58	250.494	1.87	0.94	-3.21	
3596.00	31.220	244.100	3381.80	12.12	-324.31	-898.50	1725704.33	14218874.73	39°09'21.5541"N	80°41'56.8897"W	955.24	250.153	0.50	0.40	0.59	
3643.00	30.790	243.990	3422.09	15.00	-334.91	-920.27	1725682.57	14218864.13	39°09'21.4501"N	80°41'57.1665"W	979.31	250.002	0.92	-0.91	-0.23	
3782.00	30.030	240.090	3541.98	25.78	-367.86	-982.40	1725620.47	14218831.20	39°09'21.1265"N	80°41'57.9565"W	1049.01	249.472	1.52	-0.55	-2.81	APS EM <8-3/4"> (3643')(3782'-7281')
3876.00	31.270	241.500	3622.84	34.16	-391.23	-1024.23	1725578.66	14218807.84	39°09'20.8968"N	80°41'58.4885"W	1096.40	249.095	1.52	1.32	1.50	
3971.00	33.050	243.410	3703.27	41.55	-414.59	-1069.07	1725533.83	14218784.48	39°09'20.6674"N	80°41'59.0587"W	1146.64	248.803	2.16	1.87	2.01	
4065.00	34.580	244.750	3781.36	47.73	-437.44	-1116.12	1725486.80	14218761.64	39°09'20.4430"N	80°41'59.6569"W	1198.78	248.598	1.81	1.63	1.43	
4160.00	35.000	242.290	3859.39	54.68	-461.61	-1164.62	1725438.32	14218737.48	39°09'20.2057"N	80°42'0.2737"W	1252.77	248.378	1.54	0.44	-2.59	
4255.00	35.020	239.250	3937.20	64.24	-488.22	-1212.17	1725390.78	14218710.88	39°09'19.9443"N	80°42'0.8784"W	1306.80	248.062	1.84	0.02	-3.20	
4349.00	35.190	236.340	4014.11	76.48	-517.03	-1257.90	1725345.07	14218682.09	39°09'19.6611"N	80°42'1.4601"W	1360.01	247.656	1.79	0.18	-3.10	
4444.00	33.680	236.670	4092.46	89.82	-546.67	-1302.70	1725300.30	14218652.45	39°09'19.3695"N	80°42'2.0300"W	1412.75	247.235	1.60	-1.59	0.35	
4538.00	30.670	239.500	4172.02	100.95	-573.17	-1345.14	1725257.87	14218625.97	39°09'19.1090"N	80°42'2.5699"W	1462.17	246.921	3.58	-3.20	3.01	
4633.00	28.260	241.510	4254.73	109.40	-596.20	-1385.79	1725217.23	14218602.95	39°09'18.8827"N	80°42'3.0869"W	1508.60	246.722	2.74	-2.54	2.12	
4727.00	27.780	241.870	4337.71	116.45	-617.14	-1424.67	1725178.37	14218582.01	39°09'18.6770"N	80°42'3.5813"W	1552.59	246.579	0.54	-0.51	0.38	
4822.00	28.330	239.420	4421.55	124.40	-639.05	-1463.60	1725139.46	14218560.11	39°09'18.4617"N	80°42'4.0764"W	1597.03	246.413	1.34	0.58	-2.58	
4917.00	28.140	239.730	4505.25	133.21	-661.81	-1502.35	1725100.72	14218537.36	39°09'18.2380"N	80°42'4.5693"W	1641.66	246.226	0.25	-0.20	0.33	
5011.00	27.830	239.700	4588.25	141.75	-684.05	-1540.44	1725062.64	14218515.13	39°09'18.0194"N	80°42'5.0538"W	1685.50	246.056	0.33	-0.33	-0.03	
5106.00	28.220	238.360	4672.11	150.92	-707.02	-1578.71	1725024.39	14218492.16	39°09'17.7936"N	80°42'5.5405"W	1729.80	245.875	0.78	0.41	-1.41	
5201.00	29.480	241.320	4755.33	159.67	-730.03	-1618.35	1724984.77	14218469.17	39°09'17.5675"N	80°42'6.0446"W	1775.38	245.720	2.00	1.33	3.12	
5295.00	30.040	245.570	4836.94	165.69	-750.86	-1660.07	1724943.07	14218448.35	39°09'17.3630"N	80°42'6.5750"W	1821.98	245.662	2.32	0.60	4.52	
5390.00	31.780	245.420	4918.44	170.27	-771.10	-1704.47	1724898.68	14218428.11	39°09'17.1643"N	80°42'7.1395"W	1870.78	245.658	1.83	1.83	-0.16	

RECEIVED
Office of Oil and Gas
AUG 03 2026
WV Department of
Environmental Protection



Actual Wellpath Report

Mary Ann Unit 2H AWP Proj: 20682'

Page 4 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Mary Ann Unit 2H
Field	Doddridge	UWI	47-017-06993-0000
Facility	Brushy Pad	Wellbore	Mary Ann Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (228 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]	Comments
5484.00	30.840	243.450	4998.75	175.74	-792.17	-1748.53	1724854.64	14218407.05	39°09'16.9576"N	80°42'7.6998"W	1919.61	245.627	1.48	-1.00	-2.10	
5579.00	30.340	243.580	5080.53	181.94	-813.73	-1791.80	1724811.38	14218385.50	39°09'16.7459"N	80°42'8.2500"W	1967.92	245.575	0.53	-0.53	0.14	
5673.00	29.900	242.460	5161.84	188.39	-835.13	-1833.84	1724769.36	14218364.11	39°09'16.5357"N	80°42'8.7845"W	2015.04	245.516	0.76	-0.47	-1.19	
5767.00	29.490	242.840	5243.50	195.05	-856.52	-1875.20	1724728.02	14218342.73	39°09'16.3256"N	80°42'9.3104"W	2061.55	245.451	0.48	-0.44	0.40	
5862.00	31.100	242.760	5325.52	201.79	-878.43	-1917.82	1724685.41	14218320.83	39°09'16.1105"N	80°42'9.8523"W	2109.42	245.391	1.70	1.69	-0.08	
5959.00	33.060	243.720	5407.71	208.63	-901.61	-1963.82	1724639.43	14218297.66	39°09'15.8828"N	80°42'10.4372"W	2160.90	245.340	2.09	2.02	0.99	
6053.00	33.160	244.730	5486.44	214.58	-923.94	-2010.06	1724593.21	14218275.34	39°09'15.6637"N	80°42'11.0251"W	2212.24	245.314	0.60	0.11	1.07	
6148.00	31.710	243.500	5566.62	220.57	-946.17	-2055.90	1724547.39	14218253.11	39°09'15.4454"N	80°42'11.6080"W	2263.18	245.287	1.68	-1.53	-1.29	
6242.00	31.030	241.820	5646.88	227.56	-968.63	-2099.37	1724503.94	14218230.66	39°09'15.2248"N	80°42'12.1606"W	2312.06	245.232	1.18	-0.72	-1.79	
6336.00	30.900	241.720	5727.49	235.21	-991.51	-2141.98	1724461.34	14218207.79	39°09'15.0000"N	80°42'12.7025"W	2360.33	245.161	0.15	-0.14	-0.11	
6431.00	29.310	240.500	5809.67	243.29	-1014.52	-2183.70	1724419.64	14218184.79	39°09'14.7739"N	80°42'13.2331"W	2407.86	245.081	1.79	-1.67	-1.28	
6525.00	27.410	240.200	5892.38	251.44	-1036.60	-2222.51	1724380.85	14218162.71	39°09'14.5569"N	80°42'13.7266"W	2452.36	244.995	2.03	-2.02	-0.32	
6620.00	27.170	243.440	5976.81	258.30	-1057.17	-2260.89	1724342.48	14218142.16	39°09'14.3549"N	80°42'14.2146"W	2495.84	244.940	1.58	-0.25	3.41	
6714.00	24.330	245.190	6061.47	263.00	-1074.90	-2297.67	1724305.72	14218124.44	39°09'14.1809"N	80°42'14.6823"W	2536.67	244.929	3.13	-3.02	1.86	
6809.00	24.840	246.360	6147.86	266.52	-1091.11	-2333.71	1724269.69	14218108.23	39°09'14.0218"N	80°42'15.1405"W	2576.18	244.942	0.74	0.54	1.23	
6903.00	25.620	245.730	6232.89	269.90	-1107.38	-2370.33	1724233.09	14218091.97	39°09'13.8621"N	80°42'15.6059"W	2616.24	244.959	0.88	0.83	-0.67	
6998.00	27.560	244.110	6317.84	274.33	-1125.42	-2408.82	1724194.60	14218073.93	39°09'13.6851"N	80°42'16.0954"W	2658.76	244.958	2.18	2.04	-1.71	
7092.00	30.670	240.770	6399.96	281.11	-1146.63	-2449.32	1724154.12	14218052.73	39°09'13.4767"N	80°42'16.6103"W	2704.43	244.914	3.73	3.31	-3.55	
7187.00	32.870	238.610	6480.72	290.84	-1171.89	-2492.48	1724110.98	14218027.48	39°09'13.2284"N	80°42'17.1592"W	2754.23	244.818	2.61	2.32	-2.27	
7281.00	33.180	237.210	6559.54	302.34	-1199.11	-2535.88	1724067.60	14218000.27	39°09'12.9608"N	80°42'17.7112"W	2805.09	244.693	0.88	0.33	-1.49	
7401.00	34.220	234.460	6659.38	319.64	-1236.51	-2590.94	1724012.56	14217962.89	39°09'12.5929"N	80°42'18.4118"W	2870.88	244.488	1.54	0.87	-2.29	BH Lucida <8-1/2"> (7281')(7401'-20657')
7450.00†	34.809	228.482	6699.76	328.87	-1253.79	-2612.63	1723990.87	14217945.61	39°09'12.4228"N	80°42'18.6878"W	2897.91	244.364	7.01	1.20	-12.20	Sycamore: 7450' MD
7495.00	35.600	223.180	6736.54	339.85	-1271.86	-2631.22	1723972.30	14217927.55	39°09'12.2448"N	80°42'18.9245"W	2922.49	244.202	7.01	1.76	-11.78	
7590.00	38.210	210.910	6812.60	371.63	-1317.30	-2665.29	1723938.24	14217882.12	39°09'11.7967"N	80°42'19.3588"W	2973.05	243.699	8.22	2.75	-12.92	
7654.00†	40.163	202.619	6862.24	399.76	-1353.37	-2683.40	1723920.13	14217846.08	39°09'11.4409"N	80°42'19.5903"W	3005.37	243.236	8.73	3.05	-12.96	Middlesex: 7654' MD
7684.00	41.270	198.980	6884.98	414.77	-1371.66	-2690.34	1723913.19	14217827.79	39°09'11.2603"N	80°42'19.6791"W	3019.83	242.986	8.73	3.69	-12.13	
7779.00	46.900	186.010	6953.34	470.99	-1435.96	-2704.21	1723899.34	14217763.51	39°09'10.6252"N	80°42'19.8577"W	3061.82	242.031	11.17	5.93	-13.65	
7846.00†	51.759	181.629	6997.00	517.78	-1486.63	-2707.52	1723896.03	14217712.86	39°09'10.1245"N	80°42'19.9019"W	3088.81	241.230	8.78	7.25	-6.54	Burkett: 7846' MD
7873.00	53.760	180.030	7013.34	537.98	-1508.12	-2707.83	1723895.72	14217691.38	39°09'9.9121"N	80°42'19.9066"W	3099.48	240.884	8.78	7.41	-5.92	
7911.00†	56.816	176.590	7034.98	567.78	-1539.33	-2706.89	1723896.66	14217660.18	39°09'9.6036"N	80°42'19.8960"W	3113.97	240.374	10.95	8.04	-9.05	Tully: 7911' MD

RECEIVED
Office of Oil and Gas
AUG 03 2026
WV Department of
Environmental Protection



Actual Wellpath Report

Mary Ann Unit 2H AWP Proj: 20682'

Page 5 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Mary Ann Unit 2H
Field	Doddridge	UWI	47-017-06993-0000
Facility	Brushy Pad	Wellbore	Mary Ann Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (228 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]	Comments
7968.00	61.560	171.860	7064.18	615.39	-1588.00	-2701.92	1723901.63	14217611.54	39°09'9.1224"N	80°42'19.8349"W	3134.02	239.556	10.95	8.32	-8.30	
8063.00	67.580	165.290	7104.99	700.33	-1671.97	-2684.82	1723918.72	14217527.60	39°09'8.2919"N	80°42'19.6214"W	3162.87	238.087	8.89	6.34	-6.92	
8085.00†	69.959	164.930	7112.96	720.78	-1691.79	-2679.55	1723923.98	14217507.79	39°09'8.0959"N	80°42'19.5553"W	3168.93	237.733	10.92	10.81	-1.63	Marcellus POE: 8085' MD
8157.00	77.750	163.820	7132.96	789.75	-1758.33	-2660.93	1723942.60	14217441.27	39°09'7.4375"N	80°42'19.3216"W	3189.40	236.543	10.92	10.82	-1.54	
8252.00	86.980	161.320	7145.58	883.76	-1848.06	-2632.73	1723970.78	14217351.58	39°09'6.5498"N	80°42'18.9674"W	3216.61	234.933	10.06	9.72	-2.63	
8346.00	89.630	160.340	7148.36	977.71	-1936.80	-2601.88	1724001.62	14217262.88	39°09'5.6717"N	80°42'18.5795"W	3243.60	233.337	3.01	2.82	-1.04	
8441.00	89.690	160.020	7148.92	1072.70	-2026.17	-2569.67	1724033.82	14217173.54	39°09'4.7873"N	80°42'18.1743"W	3272.39	231.744	0.34	0.06	-0.34	
8535.00	90.520	162.090	7148.75	1166.70	-2115.07	-2539.16	1724064.32	14217084.67	39°09'3.9077"N	80°42'17.7906"W	3304.67	230.206	2.37	0.88	2.20	
8630.00	89.660	159.790	7148.60	1261.69	-2204.85	-2508.13	1724095.33	14216994.92	39°09'3.0192"N	80°42'17.4006"W	3339.48	228.682	2.58	-0.91	-2.42	
8725.00	90.400	159.630	7148.55	1356.67	-2293.96	-2475.19	1724128.26	14216905.85	39°09'2.1375"N	80°42'16.9861"W	3374.73	227.176	0.80	0.78	-0.17	
8819.00	89.630	160.720	7148.52	1450.66	-2382.39	-2443.31	1724160.13	14216817.46	39°09'1.2624"N	80°42'16.5851"W	3412.56	225.723	1.42	-0.82	1.16	
8914.00	89.820	159.930	7148.98	1545.65	-2471.84	-2411.33	1724192.10	14216728.04	39°09'0.3773"N	80°42'16.1828"W	3453.18	224.290	0.86	0.20	-0.83	
9008.00	89.750	159.700	7149.33	1639.64	-2560.06	-2378.89	1724224.52	14216639.85	39°08'59.5042"N	80°42'15.7748"W	3494.72	222.899	0.26	-0.07	-0.24	
9103.00	90.030	159.740	7149.51	1734.62	-2649.17	-2345.97	1724257.44	14216550.78	39°08'58.6224"N	80°42'15.3605"W	3538.60	221.526	0.30	0.29	0.04	
9198.00	89.880	159.990	7149.59	1829.60	-2738.37	-2313.26	1724290.13	14216461.62	39°08'57.7397"N	80°42'14.9491"W	3584.67	220.190	0.31	-0.16	0.26	
9292.00	90.090	159.620	7149.61	1923.58	-2826.59	-2280.81	1724322.56	14216373.43	39°08'56.8667"N	80°42'14.5408"W	3632.04	218.901	0.45	0.22	-0.39	
9387.00	89.970	159.310	7149.56	2018.56	-2915.55	-2247.49	1724355.88	14216284.50	39°08'55.9864"N	80°42'14.1215"W	3681.26	217.627	0.35	-0.13	-0.33	
9481.00	90.030	159.800	7149.56	2112.53	-3003.63	-2214.65	1724388.70	14216196.46	39°08'55.1147"N	80°42'13.7084"W	3731.82	216.402	0.53	0.06	0.52	
9576.00	88.950	159.730	7150.41	2207.51	-3092.76	-2181.80	1724421.54	14216107.36	39°08'54.2327"N	80°42'13.2951"W	3784.89	215.201	1.14	-1.14	-0.07	
9671.00	89.140	159.690	7151.99	2302.47	-3181.86	-2148.86	1724454.47	14216018.31	39°08'53.3511"N	80°42'12.8807"W	3839.51	214.033	0.20	0.20	-0.04	
9765.00	88.950	159.720	7153.56	2396.44	-3270.01	-2116.26	1724487.05	14215930.19	39°08'52.4787"N	80°42'12.4705"W	3895.06	212.910	0.20	-0.20	0.03	
9860.00	89.290	159.560	7155.02	2491.41	-3359.06	-2083.21	1724520.09	14215841.17	39°08'51.5974"N	80°42'12.0547"W	3952.60	211.806	0.40	0.36	-0.17	
9955.00	89.200	159.650	7156.27	2586.38	-3448.10	-2050.11	1724553.18	14215752.17	39°08'50.7163"N	80°42'11.6383"W	4011.52	210.734	0.13	-0.09	0.09	
10049.00	89.080	159.060	7157.68	2680.33	-3536.05	-2016.97	1724586.30	14215664.25	39°08'49.8459"N	80°42'11.2213"W	4070.85	209.700	0.64	-0.13	-0.63	
10144.00	89.200	159.650	7159.11	2775.29	-3624.94	-1983.48	1724619.78	14215575.39	39°08'48.9663"N	80°42'10.7999"W	4132.12	208.686	0.63	0.13	0.62	
10238.00	89.230	159.590	7160.40	2869.26	-3713.05	-1950.75	1724652.50	14215487.32	39°08'48.0944"N	80°42'10.3881"W	4194.30	207.716	0.07	0.03	-0.06	
10333.00	89.170	159.990	7161.72	2964.23	-3802.19	-1917.93	1724685.30	14215398.21	39°08'47.2122"N	80°42'9.9753"W	4258.54	206.768	0.43	-0.06	0.42	
10427.00	89.290	160.260	7162.98	3058.21	-3890.58	-1885.98	1724717.25	14215309.86	39°08'46.3375"N	80°42'9.5734"W	4323.60	205.862	0.31	0.13	0.29	
10522.00	89.140	160.450	7164.29	3153.20	-3980.05	-1854.04	1724749.17	14215220.43	39°08'45.4523"N	80°42'9.1718"W	4390.70	204.978	0.25	-0.16	0.20	
10617.00	89.380	160.460	7165.51	3248.19	-4069.57	-1822.26	1724780.93	14215130.95	39°08'44.5664"N	80°42'8.7721"W	4458.92	204.122	0.25	0.25	0.01	

RECEIVED
Office of Oil and Gas
AUG 03 2026
WV Department of
Environmental Protection



Actual Wellpath Report

Mary Ann Unit 2H AWP Proj: 20682'

Page 6 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Mary Ann Unit 2H
Field	Doddridge	UWI	47-017-06993-0000
Facility	Brushy Pad	Wellbore	Mary Ann Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (228 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]	Comments
10711.00	89.380	160.310	7166.53	3342.18	-4158.11	-1790.71	1724812.48	14215042.44	39°08'43.6903"N	80°42'8.3753"W	4527.30	203.299	0.16	0.00	-0.16	
10806.00	89.080	160.320	7167.81	3437.17	-4247.54	-1758.71	1724844.46	14214953.04	39°08'42.8052"N	80°42'7.9729"W	4597.25	202.492	0.32	-0.32	0.01	
10901.00	89.020	160.260	7169.38	3532.15	-4336.97	-1726.68	1724876.48	14214863.65	39°08'41.9204"N	80°42'7.5700"W	4668.05	201.709	0.09	-0.06	-0.06	
10995.00	90.620	161.760	7169.68	3626.14	-4425.85	-1696.09	1724907.06	14214774.81	39°08'41.0409"N	80°42'7.1855"W	4739.71	200.968	2.33	1.70	1.60	
11090.00	89.450	160.430	7169.62	3721.14	-4515.72	-1665.31	1724937.82	14214684.97	39°08'40.1516"N	80°42'6.7986"W	4813.00	200.243	1.86	-1.23	-1.40	
11185.00	89.260	160.780	7170.69	3816.13	-4605.32	-1633.77	1724969.36	14214595.40	39°08'39.2650"N	80°42'6.4020"W	4886.53	199.532	0.42	-0.20	0.37	
11279.00	89.230	161.090	7171.93	3910.12	-4694.16	-1603.06	1725000.05	14214506.60	39°08'38.3859"N	80°42'6.0160"W	4960.33	198.855	0.33	-0.03	0.33	
11374.00	89.230	161.370	7173.20	4005.11	-4784.10	-1572.50	1725030.60	14214416.70	39°08'37.4960"N	80°42'5.6318"W	5035.90	198.195	0.29	0.00	0.29	
11469.00	89.080	161.010	7174.61	4100.10	-4874.01	-1541.87	1725061.22	14214326.82	39°08'36.6063"N	80°42'5.2468"W	5112.08	197.555	0.41	-0.16	-0.38	
11564.00	89.140	161.020	7176.08	4195.09	-4963.83	-1510.97	1725092.11	14214237.03	39°08'35.7175"N	80°42'4.8584"W	5188.71	196.930	0.06	0.06	0.01	
11658.00	89.200	161.080	7177.44	4289.08	-5052.73	-1480.45	1725122.62	14214148.17	39°08'34.8378"N	80°42'4.4747"W	5265.15	196.331	0.09	0.06	0.06	
11753.00	89.380	161.330	7178.62	4384.07	-5142.66	-1449.84	1725153.21	14214058.28	39°08'33.9480"N	80°42'4.0900"W	5343.12	195.744	0.32	0.19	0.26	
11848.00	89.320	162.000	7179.70	4479.05	-5232.83	-1419.96	1725183.08	14213968.14	39°08'33.0558"N	80°42'3.7145"W	5422.06	195.182	0.71	-0.06	0.71	
11942.00	89.510	161.310	7180.66	4573.04	-5322.05	-1390.38	1725212.65	14213878.96	39°08'32.1730"N	80°42'3.3428"W	5500.66	194.641	0.76	0.20	-0.73	
12037.00	89.200	160.990	7181.73	4668.03	-5411.94	-1359.68	1725243.33	14213789.10	39°08'31.2834"N	80°42'2.9570"W	5580.13	194.103	0.47	-0.33	-0.34	
12131.00	89.080	160.680	7183.14	4762.02	-5500.72	-1328.83	1725274.17	14213700.35	39°08'30.4049"N	80°42'2.5691"W	5658.95	193.581	0.35	-0.13	-0.33	
12226.00	88.890	160.280	7184.82	4857.00	-5590.25	-1297.09	1725305.90	14213610.86	39°08'29.5190"N	80°42'2.1701"W	5738.76	193.063	0.47	-0.20	-0.42	
12320.00	88.890	157.640	7186.64	4950.92	-5677.96	-1263.35	1725339.62	14213523.19	39°08'28.6510"N	80°42'1.7455"W	5816.81	192.544	2.81	0.00	-2.81	
12415.00	88.710	160.390	7188.63	5045.84	-5766.63	-1229.34	1725373.62	14213434.55	39°08'27.7735"N	80°42'1.3176"W	5896.21	192.034	2.90	-0.19	2.89	
12510.00	88.710	159.220	7190.77	5140.80	-5855.77	-1196.55	1725406.40	14213345.45	39°08'26.8914"N	80°42'0.9052"W	5976.77	191.549	1.23	0.00	-1.23	
12604.00	88.800	161.760	7192.81	5234.77	-5944.34	-1165.17	1725437.77	14213256.91	39°08'26.0149"N	80°42'0.5106"W	6057.46	191.090	2.70	0.10	2.70	
12699.00	88.710	161.070	7194.88	5329.74	-6034.36	-1134.90	1725468.03	14213166.92	39°08'25.1242"N	80°42'0.1302"W	6140.16	190.651	0.73	-0.09	-0.73	
12794.00	88.650	161.400	7197.07	5424.71	-6124.29	-1104.35	1725498.57	14213077.03	39°08'24.2343"N	80°41'59.7462"W	6223.06	190.222	0.35	-0.06	0.35	
12888.00	88.860	161.590	7199.11	5518.69	-6213.41	-1074.52	1725528.38	14212987.95	39°08'23.3525"N	80°41'59.3714"W	6305.64	189.811	0.30	0.22	0.20	
12983.00	88.370	161.730	7201.40	5613.65	-6303.56	-1044.64	1725558.25	14212897.83	39°08'22.4605"N	80°41'58.9959"W	6389.53	189.410	0.54	-0.52	0.15	
13077.00	88.950	161.860	7203.60	5707.61	-6392.83	-1015.28	1725587.60	14212808.60	39°08'21.5772"N	80°41'58.6271"W	6472.95	189.024	0.63	0.62	0.14	
13172.00	88.860	161.910	7205.42	5802.58	-6483.10	-985.75	1725617.12	14212718.36	39°08'20.6840"N	80°41'58.2561"W	6557.61	188.646	0.11	-0.09	0.05	
13266.00	88.800	161.750	7207.34	5896.55	-6572.40	-956.44	1725646.42	14212629.10	39°08'19.8005"N	80°41'57.8879"W	6641.62	188.280	0.18	-0.06	-0.17	
13361.00	89.910	161.730	7208.41	5991.53	-6662.61	-926.68	1725676.17	14212538.93	39°08'18.9079"N	80°41'57.5139"W	6726.74	187.918	1.17	1.17	-0.02	
13456.00	89.690	161.510	7208.74	6086.52	-6752.76	-896.72	1725706.11	14212448.81	39°08'18.0158"N	80°41'57.1376"W	6812.04	187.564	0.33	-0.23	-0.23	

RECEIVED
Office of Oil and Gas
AUG 03 2026
WV Department of
Environmental Protection



Actual Wellpath Report

Mary Ann Unit 2H AWP Proj: 20682'

Page 7 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Mary Ann Unit 2H
Field	Doddridge	UWI	47-017-06993-0000
Facility	Brushy Pad	Wellbore	Mary Ann Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (228 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]	Comments
13551.00	89.780	161.710	7209.18	6181.51	-6842.91	-866.75	1725736.07	14212358.70	39°08'17.1238"N	80°41'56.7610"W	6897.58	187.219	0.23	0.09	0.21	
13645.00	90.920	161.640	7208.60	6275.50	-6932.14	-837.20	1725765.61	14212269.50	39°08'16.2409"N	80°41'56.3897"W	6982.51	186.886	1.22	1.21	-0.07	
13740.00	90.890	161.510	7207.10	6370.48	-7022.25	-807.17	1725795.62	14212179.42	39°08'15.3492"N	80°41'56.0125"W	7068.49	186.557	0.14	-0.03	-0.14	
13835.00	91.630	161.950	7205.01	6465.45	-7112.44	-777.40	1725825.39	14212089.27	39°08'14.4568"N	80°41'55.6384"W	7154.80	186.238	0.91	0.78	0.46	
13929.00	91.940	161.550	7202.09	6559.39	-7201.67	-747.98	1725854.80	14212000.07	39°08'13.5739"N	80°41'55.2687"W	7240.41	185.930	0.54	0.33	-0.43	
14024.00	91.940	161.950	7198.87	6654.32	-7291.84	-718.24	1725884.52	14211909.94	39°08'12.6817"N	80°41'54.8952"W	7327.13	185.625	0.42	0.00	0.42	
14118.00	91.570	161.490	7195.99	6748.27	-7381.05	-688.77	1725913.98	14211820.76	39°08'11.7990"N	80°41'54.5250"W	7413.12	185.331	0.63	-0.39	-0.49	
14213.00	91.050	161.740	7193.82	6843.24	-7471.18	-658.82	1725943.92	14211730.67	39°08'10.9072"N	80°41'54.1486"W	7500.17	185.039	0.61	-0.55	0.26	
14308.00	91.020	161.910	7192.10	6938.21	-7561.43	-629.19	1725973.54	14211640.46	39°08'10.0142"N	80°41'53.7764"W	7587.56	184.757	0.18	-0.03	0.18	
14402.00	90.860	159.710	7190.56	7032.19	-7650.19	-598.30	1726004.42	14211551.73	39°08'9.1359"N	80°41'53.3881"W	7673.55	184.472	2.35	-0.17	-2.34	
14497.00	91.020	159.960	7189.00	7127.16	-7739.35	-565.55	1726037.15	14211462.60	39°08'8.2535"N	80°41'52.9763"W	7759.99	184.179	0.31	0.17	0.26	
14592.00	90.860	161.000	7187.44	7222.14	-7828.88	-533.82	1726068.87	14211373.11	39°08'7.3676"N	80°41'52.5773"W	7847.06	183.901	1.11	-0.17	1.09	
14686.00	90.370	156.590	7186.43	7316.05	-7916.49	-499.83	1726102.85	14211285.54	39°08'6.5006"N	80°41'52.1497"W	7932.25	183.613	4.72	-0.52	-4.69	
14781.00	91.080	158.570	7185.23	7410.88	-8004.29	-463.60	1726139.06	14211197.77	39°08'5.6315"N	80°41'51.6936"W	8017.71	183.315	2.21	0.75	2.08	
14875.00	91.170	161.550	7183.39	7504.84	-8092.63	-431.55	1726171.10	14211109.46	39°08'4.7573"N	80°41'51.2907"W	8104.13	183.052	3.17	0.10	3.17	
14970.00	91.140	161.720	7181.47	7599.82	-8182.77	-401.63	1726201.01	14211019.36	39°08'3.8654"N	80°41'50.9147"W	8192.62	182.810	0.18	-0.03	0.18	
15064.00	90.860	161.330	7179.83	7693.80	-8271.92	-371.84	1726230.78	14210930.25	39°08'2.9833"N	80°41'50.5405"W	8280.27	182.574	0.51	-0.30	-0.41	
15159.00	90.920	162.490	7178.36	7788.77	-8362.21	-342.35	1726260.27	14210839.99	39°08'2.0899"N	80°41'50.1700"W	8369.21	182.344	1.22	0.06	1.22	
15254.00	91.050	161.850	7176.72	7883.73	-8452.63	-313.26	1726289.34	14210749.61	39°08'1.1952"N	80°41'49.8048"W	8458.43	182.122	0.69	0.14	-0.67	
15348.00	90.980	161.820	7175.06	7977.70	-8541.93	-283.96	1726318.63	14210660.34	39°08'0.3116"N	80°41'49.4367"W	8546.65	181.904	0.08	-0.07	-0.03	
15443.00	90.890	161.560	7173.51	8072.68	-8632.11	-254.12	1726348.46	14210570.20	39°07'59.4193"N	80°41'49.0619"W	8635.85	181.686	0.29	-0.09	-0.27	
15537.00	91.820	161.240	7171.28	8166.65	-8721.17	-224.15	1726378.42	14210481.17	39°07'58.5380"N	80°41'48.6853"W	8724.05	181.472	1.05	0.99	-0.34	
15632.00	91.940	161.640	7168.17	8261.59	-8811.18	-193.93	1726408.63	14210391.19	39°07'57.6473"N	80°41'48.3056"W	8813.32	181.261	0.44	0.13	0.42	
15727.00	91.820	161.470	7165.05	8356.53	-8901.26	-163.89	1726438.66	14210301.16	39°07'56.7561"N	80°41'47.9282"W	8902.76	181.055	0.22	-0.13	-0.18	
15821.00	91.750	161.490	7162.12	8450.48	-8990.34	-134.04	1726468.49	14210212.10	39°07'55.8746"N	80°41'47.5532"W	8991.34	180.854	0.08	-0.07	0.02	
15916.00	91.910	161.690	7159.09	8545.43	-9080.44	-104.06	1726498.47	14210122.05	39°07'54.9831"N	80°41'47.1765"W	9081.03	180.657	0.27	0.17	0.21	
16010.00	91.850	161.450	7156.00	8639.37	-9169.57	-74.35	1726528.16	14210032.95	39°07'54.1012"N	80°41'46.8034"W	9169.87	180.465	0.26	-0.06	-0.26	
16105.00	91.540	161.080	7153.19	8734.33	-9259.49	-43.85	1726558.64	14209943.06	39°07'53.2113"N	80°41'46.4202"W	9259.60	180.271	0.51	-0.33	-0.39	
16199.00	92.000	161.090	7150.29	8828.28	-9348.38	-13.40	1726589.09	14209854.21	39°07'52.3318"N	80°41'46.0374"W	9348.38	180.082	0.49	0.49	0.01	
16294.00	93.270	161.160	7145.92	8923.18	-9438.17	17.30	1726619.78	14209764.45	39°07'51.4433"N	80°41'45.6517"W	9438.19	179.895	1.34	1.34	0.07	

RECEIVED
Office of Oil and Gas
APR 03 2026
WV Department of
Environmental Protection



Actual Wellpath Report

Mary Ann Unit 2H AWP Proj: 20682'

Page 8 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Mary Ann Unit 2H
Field	Doddridge	UWI	47-017-06993-0000
Facility	Brushy Pad	Wellbore	Mary Ann Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (228 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
16389.00	93.080	161.780	7140.66	9018.03	-9528.11	47.45	1726649.91	14209674.55	39°07'50.5534"N	80°41'45.2730"W	9528.22	179.715	0.68	-0.20	0.65	
16483.00	93.140	161.520	7135.56	9111.88	-9617.19	77.00	1726679.45	14209585.50	39°07'49.6718"N	80°41'44.9018"W	9617.50	179.541	0.28	0.06	-0.28	
16578.00	92.800	160.480	7130.64	9206.75	-9706.90	107.88	1726710.32	14209495.83	39°07'48.7842"N	80°41'44.5136"W	9707.50	179.363	1.15	-0.36	-1.09	
16672.00	92.520	161.280	7126.28	9300.65	-9795.62	138.64	1726741.06	14209407.15	39°07'47.9063"N	80°41'44.1271"W	9796.60	179.189	0.90	-0.30	0.85	
16767.00	93.170	161.440	7121.56	9395.53	-9885.52	168.97	1726771.38	14209317.28	39°07'47.0167"N	80°41'43.7461"W	9886.96	179.021	0.70	0.68	0.17	
16861.00	92.490	160.210	7116.92	9489.41	-9974.19	199.80	1726802.20	14209228.64	39°07'46.1392"N	80°41'43.3586"W	9976.20	178.852	1.49	-0.72	-1.31	
16956.00	93.260	161.400	7112.16	9584.29	-10063.80	231.00	1726833.39	14209139.07	39°07'45.2525"N	80°41'42.9666"W	10066.45	178.685	1.49	0.81	1.25	
17051.00	93.230	161.290	7106.78	9679.13	-10153.66	261.34	1726863.71	14209049.24	39°07'44.3633"N	80°41'42.5854"W	10157.02	178.526	0.12	-0.03	-0.12	
17145.00	92.580	161.530	7102.01	9773.01	-10242.64	291.26	1726893.63	14208960.30	39°07'43.4828"N	80°41'42.2094"W	10246.78	178.371	0.74	-0.69	0.26	
17240.00	92.680	161.560	7097.66	9867.90	-10332.66	321.31	1726923.66	14208870.31	39°07'42.5921"N	80°41'41.8321"W	10337.66	178.219	0.11	0.11	0.03	
17335.00	91.720	161.540	7094.01	9962.82	-10422.71	351.35	1726953.69	14208780.30	39°07'41.7011"N	80°41'41.4547"W	10428.63	178.069	1.01	-1.01	-0.02	
17429.00	91.540	161.100	7091.34	10056.78	-10511.72	381.44	1726983.77	14208691.32	39°07'40.8203"N	80°41'41.0766"W	10518.64	177.922	0.51	-0.19	-0.47	
17524.00	91.230	161.780	7089.04	10151.75	-10601.76	411.67	1727013.99	14208601.33	39°07'39.9294"N	80°41'40.6969"W	10609.75	177.776	0.79	-0.33	0.72	
17618.00	90.990	161.760	7087.22	10245.72	-10691.02	441.07	1727043.38	14208512.10	39°07'39.0461"N	80°41'40.3276"W	10700.12	177.638	0.26	-0.26	-0.02	
17713.00	91.050	160.790	7085.53	10340.70	-10780.98	471.56	1727073.86	14208422.17	39°07'38.1560"N	80°41'39.9445"W	10791.29	177.495	1.02	0.06	-1.02	
17808.00	91.080	161.440	7083.76	10435.68	-10870.85	502.31	1727104.59	14208332.34	39°07'37.2667"N	80°41'39.5582"W	10882.45	177.354	0.68	0.03	0.68	
17902.00	91.630	161.540	7081.54	10529.65	-10959.96	532.14	1727134.41	14208243.26	39°07'36.3849"N	80°41'39.1835"W	10972.87	177.220	0.59	0.59	0.11	
17997.00	91.630	161.390	7078.84	10624.61	-11050.00	562.33	1727164.59	14208153.26	39°07'35.4940"N	80°41'38.8043"W	11064.29	177.087	0.16	0.00	-0.16	
18091.00	91.630	161.630	7076.16	10718.56	-11139.11	592.13	1727194.37	14208064.19	39°07'34.6122"N	80°41'38.4300"W	11154.83	176.957	0.26	0.00	0.26	
18186.00	91.630	161.390	7073.46	10813.52	-11229.17	622.24	1727224.48	14207974.16	39°07'33.7211"N	80°41'38.0517"W	11246.39	176.828	0.25	0.00	-0.25	
18281.00	91.230	160.490	7071.09	10908.49	-11318.93	653.26	1727255.48	14207884.43	39°07'32.8328"N	80°41'37.6620"W	11337.76	176.697	1.04	-0.42	-0.95	
18375.00	90.520	157.280	7069.65	11002.41	-11406.60	687.11	1727289.32	14207796.80	39°07'31.9652"N	80°41'37.2362"W	11427.27	176.553	3.50	-0.76	-3.41	
18470.00	91.290	161.460	7068.15	11097.34	-11495.47	720.57	1727322.77	14207707.96	39°07'31.0857"N	80°41'36.8154"W	11518.03	176.413	4.47	0.81	4.40	
18564.00	91.200	161.410	7066.11	11191.31	-11584.56	750.49	1727352.68	14207618.91	39°07'30.2041"N	80°41'36.4396"W	11608.84	176.293	0.11	-0.10	-0.05	
18659.00	90.860	160.840	7064.40	11286.30	-11674.44	781.22	1727383.39	14207529.07	39°07'29.3148"N	80°41'36.0535"W	11700.55	176.172	0.70	-0.36	-0.60	
18754.00	91.200	161.110	7062.69	11381.28	-11764.23	812.18	1727414.34	14207439.31	39°07'28.4262"N	80°41'35.6645"W	11792.23	176.051	0.46	0.36	0.28	
18848.00	91.080	161.340	7060.82	11475.26	-11853.21	842.43	1727444.58	14207350.36	39°07'27.5457"N	80°41'35.2845"W	11883.11	175.935	0.28	-0.13	0.24	
18943.00	90.030	159.620	7059.90	11570.25	-11942.74	874.17	1727476.31	14207260.87	39°07'26.6597"N	80°41'34.8856"W	11974.69	175.814	2.12	-1.11	-1.81	
19037.00	91.260	161.450	7058.85	11664.24	-12031.36	905.49	1727507.61	14207172.28	39°07'25.7828"N	80°41'34.4920"W	12065.39	175.696	2.35	1.31	1.95	
19132.00	90.680	160.050	7057.24	11759.22	-12121.03	936.81	1727538.92	14207082.65	39°07'24.8954"N	80°41'34.0985"W	12157.18	175.581	1.59	-0.61	-1.47	

RECEIVED
Office of Oil and Gas
AUG 03 2026
WV Department of
Environmental Protection



Actual Wellpath Report

Mary Ann Unit 2H AWP Proj: 20682'

Page 9 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Mary Ann Unit 2H
Field	Doddridge	UWI	47-017-06993-0000
Facility	Brushy Pad	Wellbore	Mary Ann Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (228 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]	Comments
19227.00	90.770	158.720	7056.03	11854.18	-12209.94	970.25	1727572.35	14206993.77	39°07'24.0155"N	80°41'33.6780"W	12248.43	175.457	1.40	0.09	-1.40	
19321.00	90.590	161.740	7054.92	11948.15	-12298.38	1002.04	1727604.13	14206905.37	39°07'23.1403"N	80°41'33.2784"W	12339.14	175.342	3.22	-0.19	3.21	
19416.00	90.550	161.610	7053.97	12043.14	-12388.56	1031.91	1727633.98	14206815.22	39°07'22.2480"N	80°41'32.9033"W	12431.46	175.239	0.14	-0.04	-0.14	
19510.00	90.650	161.590	7052.99	12137.13	-12477.75	1061.58	1727663.64	14206726.07	39°07'21.3655"N	80°41'32.5307"W	12522.83	175.137	0.11	0.11	-0.02	
19604.00	90.620	161.580	7051.95	12231.12	-12566.93	1091.27	1727693.32	14206636.92	39°07'20.4830"N	80°41'32.1578"W	12614.22	175.037	0.03	-0.03	-0.01	
19699.00	90.460	161.500	7051.05	12326.10	-12657.04	1121.35	1727723.39	14206546.85	39°07'19.5914"N	80°41'31.7800"W	12706.62	174.937	0.19	-0.17	-0.08	
19794.00	90.580	161.610	7050.19	12421.09	-12747.16	1151.40	1727753.43	14206456.77	39°07'18.6997"N	80°41'31.4025"W	12799.05	174.839	0.17	0.13	0.12	
19888.00	90.520	161.420	7049.29	12515.08	-12836.30	1181.21	1727783.22	14206367.66	39°07'17.8176"N	80°41'31.0282"W	12890.54	174.742	0.21	-0.06	-0.20	
19983.00	91.020	161.430	7048.01	12610.07	-12926.34	1211.47	1727813.47	14206277.65	39°07'16.9266"N	80°41'30.6482"W	12982.99	174.646	0.53	0.53	0.01	
20077.00	90.980	161.400	7046.37	12704.05	-13015.43	1241.42	1727843.41	14206188.60	39°07'16.0450"N	80°41'30.2719"W	13074.50	174.552	0.05	-0.04	-0.03	
20172.00	90.860	162.190	7044.85	12799.03	-13105.66	1271.10	1727873.07	14206098.41	39°07'15.1522"N	80°41'29.8993"W	13167.16	174.460	0.84	-0.13	0.83	
20267.00	91.110	161.530	7043.21	12894.00	-13195.93	1300.67	1727902.64	14206008.18	39°07'14.2590"N	80°41'29.5280"W	13259.87	174.371	0.74	0.26	-0.69	
20361.00	90.890	161.230	7041.57	12987.98	-13284.99	1330.68	1727932.63	14205919.15	39°07'13.3777"N	80°41'29.1511"W	13351.47	174.280	0.40	-0.23	-0.32	
20456.00	90.770	161.380	7040.20	13082.97	-13374.97	1361.12	1727963.07	14205829.20	39°07'12.4873"N	80°41'28.7686"W	13444.05	174.189	0.20	-0.13	0.16	
20550.00	90.490	160.950	7039.16	13176.96	-13463.93	1391.47	1727993.40	14205740.28	39°07'11.6070"N	80°41'28.3875"W	13535.64	174.100	0.55	-0.30	-0.46	
20645.00	90.490	161.660	7038.35	13271.95	-13553.91	1421.92	1728023.84	14205650.33	39°07'10.7166"N	80°41'28.0050"W	13628.30	174.011	0.75	0.00	0.75	
20657.00	90.460	161.580	7038.25	13283.95	-13565.30	1425.70	1728027.62	14205638.95	39°07'10.6039"N	80°41'27.9575"W	13640.02	174.000	0.71	-0.25	-0.67	
20682.00‡	90.460	161.580	7038.05	13308.95	-13589.02	1433.60	1728035.52	14205615.24	39°07'10.3692"N	80°41'27.8583"W	13664.43	173.978	0.00	0.00	0.00	Projected MD at TD: 20682'

DIRECTIONAL DIFFICULTY INDEX

Directional Difficulty Index @ TD = 7.13		Reference: IADC/SPE 59196	
Values	Wellpath characterized as:	Values	Wellpath characterized as:
< 6.0	Relatively short or simple profiles with low tortuosity	6.4-6.8	Longer with relatively tortuous well paths
< 6.0-6.4	Shorter with high tortuosity or longer with lower tortuosity	> 6.8	Long tortuous profiles, high degree of difficulty

RECEIVED
Office of Oil and Gas
AUG 03 2026
WV Department of
Environmental Protection



Actual Wellpath Report

Mary Ann Unit 2H AWP Proj: 20682'

Page 10 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Mary Ann Unit 2H
Field	Doddridge	UWI	47-017-06993-0000
Facility	Brushy Pad	Wellbore	Mary Ann Unit 2H AWB
Slot	Slot E		

HOLE & CASING SECTIONS - Ref Wellbore: Mary Ann Unit 2H AWB Ref Wellpath: Mary Ann Unit 2H AWP Proj: 20682'

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	25.50	125.50	100.00	25.50	125.50	0.00	0.00	0.19	0.08
17 1/2in Open Hole	125.50	808.00	682.50	125.50	808.00	0.19	0.08	0.91	0.29
13 3/8in Casing Surface	25.50	790.00	764.50	25.50	790.00	0.00	0.00	0.89	0.32
12 1/4in Open Hole	808.00	3722.00	2914.00	808.00	3490.11	0.91	0.29	-353.21	-956.03
9 5/8in Casing Intermediate	25.50	3692.00	3666.50	25.50	3464.24	0.00	0.00	-346.12	-942.59
8 3/4in Open Hole	3722.00	7356.00	3634.00	3490.11	6622.08	-353.21	-956.03	-1222.06	-2570.33
8 1/2in Open Hole	7356.00	20682.00	13326.00	6622.08	7038.05	-1222.06	-2570.33	-13589.02	1433.60
5 1/2in Casing Production	25.50	20662.00	20636.50	25.50	7038.21	0.00	0.00	-13570.05	1427.28

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Mary Ann Unit 2H POE Rev-3	7117.00	-1700.90	-2666.63	1723936.90	14217498.68	39°09'8.0054"N	80°42'19.3917"W	point
Mary Ann Unit 2H LP Rev-3	7147.00	-1866.37	-2609.26	1723994.25	14217333.27	39°09'6.3680"N	80°42'18.6703"W	point
Mary Ann Unit 2H POE Rev-1	7178.50	-1700.90	-2666.63	1723936.90	14217498.68	39°09'8.0054"N	80°42'19.3917"W	point
Mary Ann Unit 2H BHL Rev-1	7203.50	-13583.55	1452.93	1728054.84	14205620.71	39°07'10.4227"N	80°41'27.6128"W	point
Mary Ann Unit 2H POE Rev-2	7239.00	-1700.90	-2666.63	1723936.90	14217498.68	39°09'8.0054"N	80°42'19.3917"W	point
Mary Ann Unit 2H BHL Rev-2	7264.00	-13583.55	1452.93	1728054.84	14205620.71	39°07'10.4227"N	80°41'27.6128"W	point
Mary Ann Unit 2H LP Rev-2	7264.00	-1859.06	-2611.80	1723991.71	14217340.58	39°09'6.4403"N	80°42'18.7021"W	point
Mary Ann Unit 2H BHL Rev-3	7320.17	-13583.55	1452.93	1728054.84	14205620.71	39°07'10.4227"N	80°41'27.6128"W	point

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Mary Ann Unit 2H 50' L/R Hard Line	7500.00	-7642.22	-606.85	1725995.87	14211559.70	39°08'9.2149"N	80°41'53.4963"W	rectangle
2D Rectangle: 12576.5 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Mary Ann Unit 2H AWB Ref Wellpath: Mary Ann Unit 2H AWP Proj: 20682'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
25.50	830.00	Gyrodata 2015 - GC+WIR+DPIPE	01_Gyrodata MS Gyro <17-1/2"> (100'-830')	Mary Ann Unit 2H AWB	2026-01-07
830.00	3643.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02_APS EM <12-1/4"> (830')(863'-3643')	Mary Ann Unit 2H AWB	2026-01-07
3643.00	7281.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03_APS EM <8-3/4"> (3643')(3782'-7281')	Mary Ann Unit 2H AWB	2026-01-28
7281.00	20682.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04_BH Lucida <8-1/2"> (7281')(7401'-20657')	Mary Ann Unit 2H AWB	2026-01-28



Actual Wellpath Report

Mary Ann Unit 2H AWP Proj: 20682'

Page 11 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Mary Ann Unit 2H
Field	Doddridge	UWI	47-017-06993-0000
Facility	Brushy Pad	Wellbore	Mary Ann Unit 2H AWB
Slot	Slot E		

COMMENTS

Wellpath general comments

API: 47-017-06993-0000

BH Job #: 112930773

Rig: H&P 317

Duration: 1/31/2026-2/3/2026

Gyrodatta MS Gyro <17-1/2"> (100'-830')

APS EM <12-1/4"> (830')(863'-3643')

APS EM <8-3/4"> (3643')(3782'-7281')

BH Lucida <8-1/2"> (7281')(7401'-20657')

Sycamore: 7450' MD

Middlesex: 7654' MD

Burkett: 7846' MD

Tully: 7911' MD

Marcellus POE: 8085' MD

Projected MD at TD: 20682'

RECEIVED
Office of Oil and Gas
AUG 03 2026
WV Department of
Environmental Protection