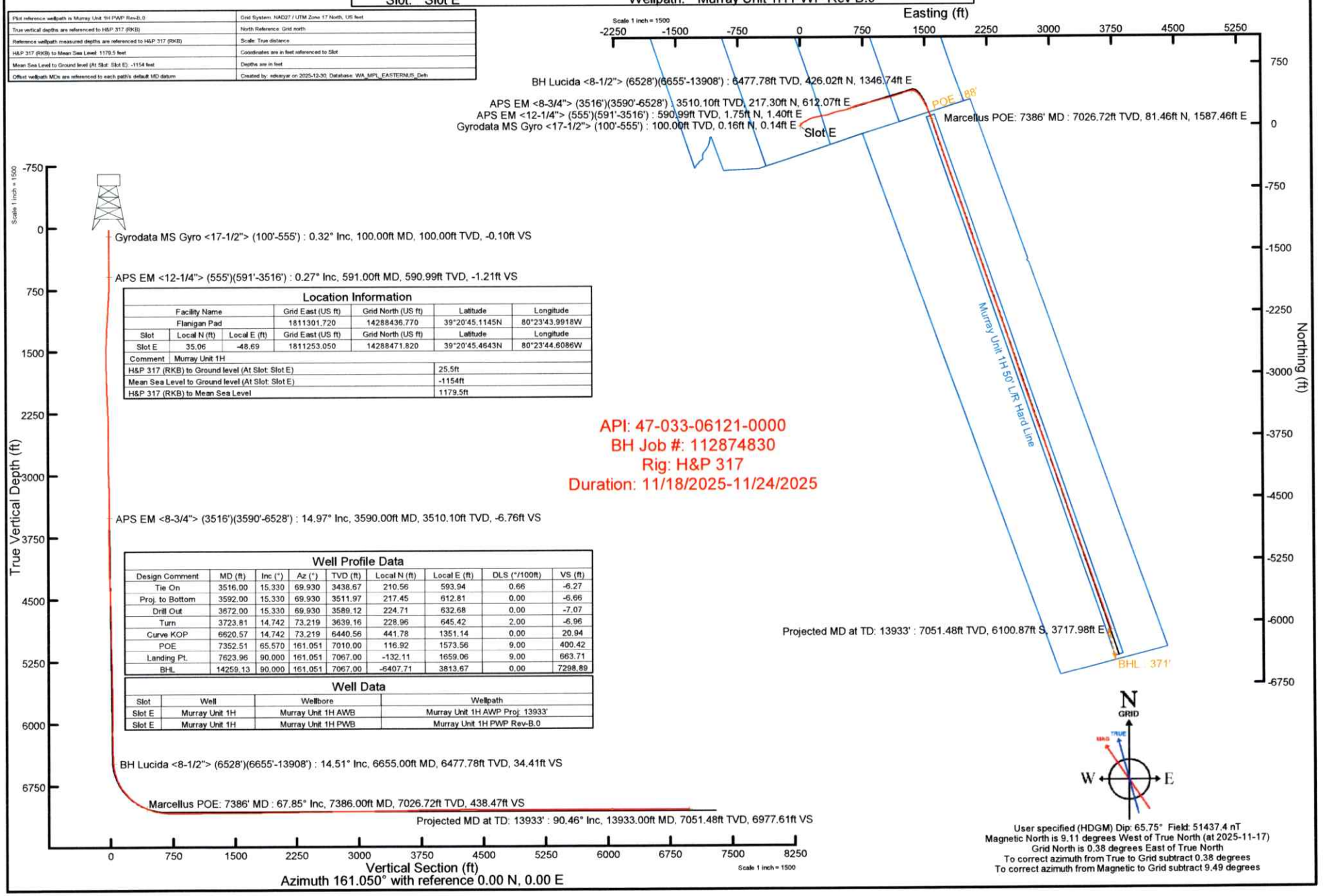
ANTERO RESOURCES CORPORATION

Area: Harrison County, WV
Field: Harrison
Facility: Flanigan Pad
Slot: Slot E

Well: Murray Unit 1H
UWI: 47-033-06121-0000
Wellbore: Murray Unit 1H PWB
Wellpath: Murray Unit 1H PWP Rev-B.0

Plot reference wellpath is Murray Unit 1H PWP Rev-B.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 317 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 317 (RKB)	Scale: True distance
H&P 317 (RKB) to Mean Sea Level: 1179.5 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot E): -1154 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: edwaryar on 2025-12-30, Database: WA_MPL_EASTERNUS_Defn



Location Information

Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Flanigan Pad			1811301.720	14288436.770	39°20'45.1145N	80°23'43.9918W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Slot E	35.06	-48.69	1811253.050	14288471.820	39°20'45.4643N	80°23'44.6086W
Comment	Murray Unit 1H					
H&P 317 (RKB) to Ground level (At Slot: Slot E)					25.5ft	
Mean Sea Level to Ground level (At Slot: Slot E)					-1154ft	
H&P 317 (RKB) to Mean Sea Level					1179.5ft	

API: 47-033-06121-0000
BH Job #: 112874830
Rig: H&P 317
Duration: 11/18/2025-11/24/2025

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	3516.00	15.330	69.930	3438.67	210.56	593.94	0.66	-6.27
Proj. to Bottom	3592.00	15.330	69.930	3511.97	217.45	612.81	0.00	-6.66
Drill Out	3672.00	15.330	69.930	3589.12	224.71	632.68	0.00	-7.07
Turn	3723.81	14.742	73.219	3639.16	228.96	645.42	2.00	-6.96
Curve KOP	6620.57	14.742	73.219	6440.56	441.78	1351.14	0.00	20.94
POE	7352.51	65.570	161.051	7010.00	116.92	1573.56	9.00	400.42
Landing Pt.	7623.96	90.000	161.051	7067.00	-132.11	1659.06	9.00	663.71
BHL	14259.13	90.000	161.051	7067.00	-6407.71	3813.67	0.00	7298.89

Well Data

Slot	Well	Wellbore	Wellpath
Slot E	Murray Unit 1H	Murray Unit 1H AWB	Murray Unit 1H AWP Proj: 13933'
Slot E	Murray Unit 1H	Murray Unit 1H PWB	Murray Unit 1H PWP Rev-B.0

User specified (HDGM) Dip: 65.75° Field: 51437.4 nT
Magnetic North is 9.11 degrees West of True North (at 2025-11-17)
Grid North is 0.38 degrees East of True North
To correct azimuth from True to Grid subtract 0.38 degrees
To correct azimuth from Magnetic to Grid subtract 9.49 degrees

Actual Wellpath Report

Murray Unit 1H AWP Proj: 13933'

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ANTERO RESOURCES CORPORATION**	Well	**Murray Unit 1H**
Field	**Harrison**	UWI	**47-033-06121-0000**
Facility	**Flanigan Pad**	Wellbore	**Murray Unit 1H AWB**
Slot	**Slot E**		

REPORT SETUP INFORMATION			
Projection System	**NAD27 / UTM Zone 17 North, US feet [32067]**	Software System	**WellArchitect® 7.0**
North Reference	**Grid**	Report Generated By	**Edsaryar** on **2025-12-30** at **2:02:42 AM**
Scale	**0.999633**	Last Updated	**2025-12-29**
Convergence at slot	**0.38° 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	35.06	-48.69	**1811253.05**	**14288471.82**	39°20'45.4643"N	80°23'44.6086"W
Facility Reference Pt			**1811301.72**	**14288436.77**	39°20'45.1145"N	80°23'43.9918"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	**1179.50ft**
Horizontal Reference Pt	**Slot**	H&P 317 (RKB) to Mean Sea Level	**1179.50ft**
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	**161.050°**

Actual Wellpath Report

Murray Unit 1H AWP Proj: 13933'

REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Murray Unit 1H
Field	Harrison	UWI	47-033-06121-0000
Facility	Flanigan Pad	Wellbore	Murray Unit 1H AWB
Slot	Slot E		

WELLPATH DATA (156 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	41.670	0.00	0.00	0.00	0.00	1811253.05	14288471.82	39°20'45.4643"N	80°23'44.6086"W	0.00	0.000	0.00	0.00	0.00	
25.50	0.000	41.670	25.50	0.00	0.00	0.00	1811253.05	14288471.82	39°20'45.4643"N	80°23'44.6086"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.320	41.670	100.00	-0.10	0.16	0.14	1811253.19	14288471.98	39°20'45.4658"N	80°23'44.6068"W	0.21	41.670	0.43	0.43	0.00	Gyrodata MS Gyro <17-1/2"> (100'-555')
200.00	0.390	24.750	200.00	-0.49	0.67	0.47	1811253.52	14288472.49	39°20'45.4709"N	80°23'44.6026"W	0.82	34.723	0.13	0.07	-16.92	
300.00	0.260	16.800	300.00	-0.92	1.20	0.67	1811253.72	14288473.02	39°20'45.4761"N	80°23'44.5999"W	1.38	29.353	0.14	-0.13	-7.95	
400.00	0.180	63.740	400.00	-1.12	1.49	0.88	1811253.93	14288473.31	39°20'45.4789"N	80°23'44.5972"W	1.73	30.660	0.19	-0.08	46.94	
500.00	0.140	79.630	500.00	-1.12	1.58	1.14	1811254.19	14288473.40	39°20'45.4798"N	80°23'44.5939"W	1.95	35.901	0.06	-0.04	15.89	
555.00	0.210	46.300	554.99	-1.15	1.66	1.28	1811254.33	14288473.48	39°20'45.4806"N	80°23'44.5921"W	2.10	37.668	0.22	0.13	-60.60	
591.00	0.270	53.940	590.99	-1.21	1.75	1.40	1811254.45	14288473.57	39°20'45.4816"N	80°23'44.5906"W	2.24	38.528	0.19	0.17	21.22	APS EM <12-1/4"> (555')(591'-3516')
680.00	1.400	23.210	679.98	-2.07	2.88	2.00	1811255.04	14288474.70	39°20'45.4926"N	80°23'44.5829"W	3.50	34.738	1.32	1.27	-34.53	
770.00	3.410	25.670	769.90	-4.79	6.30	3.59	1811256.64	14288478.12	39°20'45.5263"N	80°23'44.5624"W	7.25	29.661	2.24	2.23	2.73	
860.00	5.220	35.210	859.64	-9.10	12.06	7.11	1811260.16	14288483.87	39°20'45.5830"N	80°23'44.5171"W	14.00	30.519	2.16	2.01	10.60	
950.00	7.180	44.320	949.11	-14.02	19.43	13.40	1811266.44	14288491.24	39°20'45.6554"N	80°23'44.4364"W	23.60	34.593	2.43	2.18	10.12	
1039.00	9.540	50.670	1037.16	-19.10	28.08	22.99	1811276.03	14288499.89	39°20'45.7403"N	80°23'44.3135"W	36.29	39.307	2.84	2.65	7.13	
1134.00	12.260	53.810	1130.44	-24.83	39.03	37.22	1811290.26	14288510.84	39°20'45.8476"N	80°23'44.1314"W	53.94	43.643	2.93	2.86	3.31	
1229.00	13.880	59.750	1222.98	-30.05	50.73	55.21	1811308.24	14288522.53	39°20'45.9620"N	80°23'43.9015"W	74.98	47.422	2.21	1.71	6.25	
1323.00	14.810	61.510	1314.05	-34.25	62.14	75.51	1811328.53	14288533.94	39°20'46.0735"N	80°23'43.6422"W	97.79	50.548	1.09	0.99	1.87	
1418.00	14.920	59.920	1405.87	-38.62	74.06	96.76	1811349.78	14288545.85	39°20'46.1899"N	80°23'43.3706"W	121.85	52.570	0.44	0.12	-1.67	
1512.00	15.380	65.670	1496.61	-42.13	85.26	118.59	1811371.60	14288557.05	39°20'46.2991"N	80°23'43.0918"W	146.06	54.286	1.67	0.49	6.12	
1607.00	15.110	74.080	1588.28	-42.66	93.85	141.98	1811394.98	14288565.64	39°20'46.3825"N	80°23'42.7934"W	170.20	56.536	2.34	-0.28	8.85	
1702.00	15.100	76.010	1680.00	-40.93	100.24	165.90	1811418.89	14288572.02	39°20'46.4440"N	80°23'42.4884"W	193.83	58.859	0.53	-0.01	2.03	
1796.00	14.970	78.480	1770.78	-38.30	105.62	189.67	1811442.65	14288577.40	39°20'46.4957"N	80°23'42.1853"W	217.10	60.888	0.70	-0.14	2.63	
1891.00	15.170	77.800	1862.51	-35.25	110.70	213.85	1811466.82	14288582.48	39°20'46.5443"N	80°23'41.8772"W	240.80	62.631	0.28	0.21	-0.72	
1985.00	15.560	75.910	1953.15	-32.74	116.37	238.10	1811491.06	14288588.15	39°20'46.5987"N	80°23'41.5681"W	265.01	63.953	0.68	0.41	-2.01	
2080.00	14.600	80.140	2044.88	-29.77	121.52	262.25	1811515.21	14288593.30	39°20'46.6480"N	80°23'41.2602"W	289.04	65.138	1.54	-1.01	4.45	
2175.00	12.980	81.500	2137.14	-25.94	125.15	284.60	1811537.55	14288596.92	39°20'46.6824"N	80°23'40.9754"W	310.90	66.263	1.74	-1.71	1.43	
2270.00	12.890	82.610	2229.73	-21.88	128.09	305.66	1811558.60	14288599.86	39°20'46.7100"N	80°23'40.7071"W	331.42	67.264	0.28	-0.09	1.17	
2364.00	13.260	76.690	2321.30	-18.72	131.92	326.55	1811579.48	14288603.69	39°20'46.7465"N	80°23'40.4408"W	352.19	68.003	1.48	0.39	-6.30	
2459.00	12.660	70.120	2413.88	-17.82	137.97	346.95	1811599.87	14288609.74	39°20'46.8049"N	80°23'40.1807"W	373.37	68.314	1.67	-0.63	-6.92	
2554.00	12.410	66.790	2506.62	-18.75	145.53	366.12	1811619.03	14288617.30	39°20'46.8784"N	80°23'39.9361"W	393.98	68.322	0.80	-0.26	-3.51	

Actual Wellpath Report

Murray Unit 1H AWP Proj: 13933'

REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Murray Unit 1H
Field	Harrison	UWI	47-033-06121-0000
Facility	Flanigan Pad	Wellbore	Murray Unit 1H AWB
Slot	Slot E		

WELLPATH DATA (156 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
2648.00	12.550	70.740	2598.40	-19.55	152.88	385.04	1811637.95	14288624.64	39°20'46.9498"N	80°23'39.6946"W	414.28	68.345	0.92	0.15	4.20	
2743.00	12.440	71.010	2691.15	-19.62	159.61	404.46	1811657.36	14288631.38	39°20'47.0151"N	80°23'39.4468"W	434.82	68.464	0.13	-0.12	0.28	
2838.00	13.320	71.890	2783.76	-19.46	166.35	424.54	1811677.43	14288638.10	39°20'47.0803"N	80°23'39.1907"W	455.97	68.603	0.95	0.93	0.93	
2932.00	13.760	76.560	2875.15	-18.23	172.31	445.70	1811698.59	14288644.07	39°20'47.1378"N	80°23'38.9208"W	477.85	68.863	1.25	0.47	4.97	
3027.00	15.200	77.400	2967.13	-15.77	177.65	468.85	1811721.73	14288649.41	39°20'47.1891"N	80°23'38.6257"W	501.38	69.248	1.53	1.52	0.88	
3121.00	15.430	78.570	3057.79	-12.77	182.82	493.13	1811746.00	14288654.57	39°20'47.2385"N	80°23'38.3162"W	525.93	69.659	0.41	0.24	1.24	
3216.00	15.360	77.410	3149.38	-9.72	188.07	517.80	1811770.66	14288659.82	39°20'47.2888"N	80°23'38.0018"W	550.89	70.039	0.33	-0.07	-1.22	
3311.00	15.340	74.680	3240.99	-7.53	194.13	542.20	1811795.05	14288665.88	39°20'47.3471"N	80°23'37.6907"W	575.90	70.301	0.76	-0.02	-2.87	
3406.00	15.360	72.680	3332.61	-6.38	201.19	566.33	1811819.17	14288672.94	39°20'47.4153"N	80°23'37.3829"W	601.01	70.442	0.56	0.02	-2.11	
3500.00	15.390	70.260	3423.24	-6.20	209.11	589.95	1811842.79	14288680.86	39°20'47.4920"N	80°23'37.0815"W	625.92	70.483	0.68	0.03	-2.57	
3516.00	15.330	69.930	3438.67	-6.27	210.56	593.94	1811846.77	14288682.30	39°20'47.5060"N	80°23'37.0307"W	630.16	70.480	0.66	-0.37	-2.06	
3590.00	14.970	69.260	3510.10	-6.76	217.30	612.07	1811864.89	14288689.04	39°20'47.5714"N	80°23'36.7994"W	649.49	70.454	0.54	-0.49	-0.91	APS EM <8-3/4"> (3516')(3590'-6528')
3687.00	13.780	64.420	3604.06	-8.48	226.72	634.20	1811887.02	14288698.46	39°20'47.6631"N	80°23'36.5168"W	673.51	70.328	1.74	-1.23	-4.99	
3782.00	14.500	67.190	3696.19	-10.59	236.22	655.37	1811908.18	14288707.95	39°20'47.7556"N	80°23'36.2466"W	696.64	70.179	1.04	0.76	2.92	
3877.00	15.450	74.540	3787.97	-10.62	244.20	678.53	1811931.33	14288715.93	39°20'47.8329"N	80°23'35.9511"W	721.14	70.206	2.23	1.00	7.74	
3971.00	14.890	74.230	3878.69	-9.19	250.82	702.22	1811955.02	14288722.55	39°20'47.8968"N	80°23'35.6489"W	745.68	70.344	0.60	-0.60	-0.33	
4066.00	13.720	69.330	3970.75	-8.85	258.12	724.51	1811977.30	14288729.84	39°20'47.9674"N	80°23'35.3646"W	769.12	70.391	1.77	-1.23	-5.16	
4161.00	13.620	70.980	4063.06	-9.20	265.74	745.63	1811998.40	14288737.46	39°20'48.0413"N	80°23'35.0952"W	791.57	70.384	0.42	-0.11	1.74	
4255.00	15.130	78.370	4154.12	-7.65	271.82	768.11	1812020.88	14288743.54	39°20'48.0999"N	80°23'34.8085"W	814.79	70.512	2.52	1.61	7.86	
4350.00	14.440	77.330	4245.97	-4.78	276.92	791.81	1812044.57	14288748.64	39°20'48.1488"N	80°23'34.5064"W	838.84	70.724	0.78	-0.73	-1.09	
4445.00	14.540	78.570	4337.95	-1.92	281.88	815.06	1812067.81	14288753.60	39°20'48.1962"N	80°23'34.2101"W	862.42	70.922	0.34	0.11	1.31	
4539.00	15.050	80.110	4428.84	1.55	286.32	838.64	1812091.39	14288758.03	39°20'48.2385"N	80°23'33.9095"W	886.17	71.150	0.69	0.54	1.64	
4634.00	13.090	75.790	4520.98	4.38	291.07	861.23	1812113.96	14288762.79	39°20'48.2841"N	80°23'33.6216"W	909.09	71.326	2.34	-2.06	-4.55	
4729.00	14.070	76.030	4613.33	6.27	296.50	882.86	1812135.59	14288768.21	39°20'48.3363"N	80°23'33.3458"W	931.32	71.436	1.03	1.03	0.25	
4823.00	16.520	76.970	4703.99	8.64	302.28	906.97	1812159.69	14288773.98	39°20'48.3917"N	80°23'33.0384"W	956.02	71.568	2.62	2.61	1.00	
4918.00	16.340	75.430	4795.11	11.05	308.68	933.07	1812185.77	14288780.39	39°20'48.4533"N	80°23'32.7057"W	982.80	71.694	0.50	-0.19	-1.62	
5013.00	14.510	71.250	4886.69	12.12	315.87	957.27	1812209.97	14288787.57	39°20'48.5227"N	80°23'32.3970"W	1008.04	71.739	2.25	-1.93	-4.40	
5107.00	14.690	73.100	4977.65	12.58	323.12	979.83	1812232.52	14288794.82	39°20'48.5929"N	80°23'32.1093"W	1031.73	71.749	0.53	0.19	1.97	
5202.00	15.850	77.930	5069.30	14.57	329.34	1004.04	1812256.72	14288801.03	39°20'48.6527"N	80°23'31.8005"W	1056.67	71.840	1.81	1.22	5.08	
5296.00	14.480	76.200	5160.03	17.16	334.82	1028.01	1812280.68	14288806.52	39°20'48.7054"N	80°23'31.4950"W	1081.16	71.959	1.53	-1.46	-1.84	

Actual Wellpath Report

Murray Unit 1H AWP Proj: 13933'

REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Murray Unit 1H
Field	Harrison	UWI	47-033-06121-0000
Facility	Flanigan Pad	Wellbore	Murray Unit 1H AWB
Slot	Slot E		

WELLPATH DATA (156 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
5391.00	14.330	77.000	5252.04	19.45	340.30	1051.00	1812303.66	14288812.00	39°20'48.7580"N	80°23'31.2019"W	1104.72	72.059	0.26	-0.16	0.84	
5486.00	14.550	78.600	5344.04	22.23	345.30	1074.15	1812326.80	14288817.00	39°20'48.8059"N	80°23'30.9068"W	1128.29	72.179	0.48	0.23	1.68	
5583.00	13.990	72.140	5438.05	24.06	351.31	1097.26	1812349.90	14288823.00	39°20'48.8637"N	80°23'30.6122"W	1152.12	72.246	1.74	-0.58	-6.66	
5678.00	13.980	73.650	5530.24	24.80	358.06	1119.20	1812371.84	14288829.75	39°20'48.9290"N	80°23'30.3323"W	1175.08	72.259	0.38	-0.01	1.59	
5772.00	14.030	72.910	5621.44	25.68	364.61	1140.98	1812393.61	14288836.29	39°20'48.9922"N	80°23'30.0544"W	1197.82	72.278	0.20	0.05	-0.79	
5867.00	14.860	73.760	5713.44	26.63	371.40	1163.69	1812416.31	14288843.08	39°20'49.0578"N	80°23'29.7649"W	1221.52	72.299	0.90	0.87	0.89	
5962.00	14.970	70.750	5805.24	27.14	378.85	1186.97	1812439.58	14288850.53	39°20'49.1299"N	80°23'29.4679"W	1245.96	72.298	0.82	0.12	-3.17	
6056.00	13.690	70.170	5896.31	26.91	386.63	1208.89	1812461.50	14288858.30	39°20'49.2053"N	80°23'29.1882"W	1269.21	72.265	1.37	-1.36	-0.62	
6151.00	14.110	68.760	5988.53	26.27	394.63	1230.26	1812482.86	14288866.31	39°20'49.2830"N	80°23'28.9155"W	1292.01	72.215	0.57	0.44	-1.48	
6245.00	13.970	67.630	6079.72	25.14	403.10	1251.43	1812504.02	14288874.78	39°20'49.3653"N	80°23'28.6453"W	1314.75	72.146	0.33	-0.15	-1.20	
6340.00	13.740	75.580	6171.97	25.34	410.28	1272.97	1812525.55	14288881.95	39°20'49.4348"N	80°23'28.3706"W	1337.45	72.136	2.02	-0.24	8.37	
6434.00	14.020	77.700	6263.22	27.55	415.48	1294.90	1812547.48	14288887.15	39°20'49.4848"N	80°23'28.0909"W	1359.93	72.211	0.62	0.30	2.26	
6525.00†	13.497	74.819	6351.61	29.52	420.61	1315.92	1812568.49	14288892.28	39°20'49.5341"N	80°23'27.8229"W	1381.51	72.274	0.95	-0.58	-3.17	Sycamore: 6525' MD
6528.00	13.480	74.720	6354.53	29.56	420.80	1316.60	1812569.16	14288892.46	39°20'49.5359"N	80°23'27.8143"W	1382.21	72.276	0.95	-0.56	-3.29	
6655.00	14.510	85.230	6477.78	34.41	426.02	1346.74	1812599.29	14288897.68	39°20'49.5855"N	80°23'27.4302"W	1412.51	72.446	2.16	0.81	8.28	BH Lucida <8-1/2"> (6528')(6655'-13908')
6749.00	19.190	107.760	6567.81	46.55	422.28	1373.23	1812625.77	14288893.95	39°20'49.5468"N	80°23'27.0934"W	1436.69	72.907	8.46	4.98	23.97	
6789.00†	21.411	116.001	6605.33	55.64	417.08	1386.05	1812638.59	14288888.74	39°20'49.4944"N	80°23'26.9305"W	1447.45	73.253	9.04	5.55	20.60	Middlesex: 6789' MD
6844.00	24.980	124.820	6655.89	72.11	406.04	1404.62	1812657.16	14288877.71	39°20'49.3841"N	80°23'26.6951"W	1462.13	73.877	9.04	6.49	16.03	
6938.00	31.020	138.300	6738.94	110.53	376.56	1437.09	1812689.61	14288848.24	39°20'49.0906"N	80°23'26.2844"W	1485.61	75.317	9.27	6.43	14.34	
6989.00†	34.852	143.378	6781.74	136.55	355.04	1454.54	1812707.05	14288826.73	39°20'48.8768"N	80°23'26.0642"W	1497.24	76.283	9.26	7.51	9.96	Burkett: 6989' MD
7023.00†	37.507	146.243	6809.18	155.82	338.64	1466.09	1812718.60	14288810.33	39°20'48.7139"N	80°23'25.9186"W	1504.69	76.994	9.26	7.81	8.43	Tully: 7023' MD
7033.00	38.300	147.020	6817.07	161.77	333.50	1469.47	1812721.97	14288805.20	39°20'48.6629"N	80°23'25.8760"W	1506.84	77.213	9.26	7.93	7.77	
7127.00	45.770	151.600	6886.86	223.35	279.36	1501.39	1812753.89	14288751.07	39°20'48.1256"N	80°23'25.4743"W	1527.16	79.460	8.59	7.95	4.87	
7222.00	53.910	155.360	6948.09	295.26	214.40	1533.65	1812786.13	14288686.14	39°20'47.4815"N	80°23'25.0693"W	1548.56	82.042	9.08	8.57	3.96	
7316.00	62.690	158.710	6997.44	374.95	140.81	1564.71	1812817.18	14288612.58	39°20'46.7521"N	80°23'24.6802"W	1571.03	84.858	9.82	9.34	3.56	
7386.00†	67.847	159.337	7026.72	438.47	81.46	1587.46	1812839.92	14288553.25	39°20'46.1640"N	80°23'24.3958"W	1589.54	87.062	7.41	7.37	0.90	Marcellus POE: 7386' MD
7411.00	69.690	159.550	7035.77	461.76	59.64	1595.64	1812848.10	14288531.44	39°20'45.9478"N	80°23'24.2935"W	1596.75	87.859	7.41	7.37	0.85	
7505.00	77.090	161.490	7062.63	551.77	-25.22	1625.63	1812878.08	14288446.61	39°20'45.1071"N	80°23'23.9191"W	1625.82	90.889	8.12	7.87	2.06	
7600.00	83.400	161.820	7078.71	645.34	-114.05	1655.08	1812907.52	14288357.81	39°20'44.2272"N	80°23'23.5519"W	1659.00	93.942	6.65	6.64	0.35	
7695.00	90.150	161.280	7084.06	740.13	-203.97	1685.08	1812937.51	14288267.93	39°20'43.3365"N	80°23'23.1778"W	1697.38	96.902	7.13	7.11	-0.57	

Actual Wellpath Report

Murray Unit 1H AWP Proj: 13933'

REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Murray Unit 1H
Field	Harrison	UWI	47-033-06121-0000
Facility	Flanigan Pad	Wellbore	Murray Unit 1H AWB
Slot	Slot E		

WELLPATH DATA (156 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
7789.00	90.770	161.680	7083.30	834.13	-293.10	1714.93	1812967.35	14288178.83	39°20'42.4536"N	80°23'22.8054"W	1739.80	99.699	0.78	0.66	0.43	
7884.00	89.780	161.270	7082.85	929.12	-383.17	1745.12	1812997.52	14288088.79	39°20'41.5613"N	80°23'22.4290"W	1786.69	102.384	1.13	-1.04	-0.43	
7978.00	89.970	161.190	7083.05	1023.12	-472.17	1775.36	1813027.76	14287999.82	39°20'40.6797"N	80°23'22.0516"W	1837.08	104.894	0.22	0.20	-0.09	
8073.00	90.950	161.140	7082.29	1118.11	-562.08	1806.03	1813058.42	14287909.94	39°20'39.7890"N	80°23'21.6690"W	1891.48	107.287	1.03	1.03	-0.05	
8167.00	90.340	161.090	7081.23	1212.11	-651.02	1836.46	1813088.83	14287821.04	39°20'38.9080"N	80°23'21.2894"W	1948.43	109.519	0.65	-0.65	-0.05	
8262.00	90.090	161.640	7080.87	1307.11	-741.03	1866.81	1813119.17	14287731.06	39°20'38.0163"N	80°23'20.9108"W	2008.51	111.651	0.64	-0.26	0.58	
8356.00	90.090	161.520	7080.73	1401.10	-830.22	1896.51	1813148.86	14287641.91	39°20'37.1329"N	80°23'20.5404"W	2070.27	113.642	0.13	0.00	-0.13	
8451.00	90.220	160.900	7080.47	1496.10	-920.15	1927.11	1813179.45	14287552.00	39°20'36.2420"N	80°23'20.1587"W	2135.52	115.523	0.67	0.14	-0.65	
8545.00	90.340	161.350	7080.01	1590.10	-1009.10	1957.52	1813209.85	14287463.09	39°20'35.3609"N	80°23'19.7793"W	2202.31	117.271	0.50	0.13	0.48	
8644.00	90.580	161.250	7079.21	1689.09	-1102.87	1989.26	1813241.58	14287369.36	39°20'34.4320"N	80°23'19.3834"W	2274.53	119.004	0.26	0.24	-0.10	
8739.00	90.800	161.050	7078.07	1784.09	-1192.77	2019.95	1813272.26	14287279.49	39°20'33.5414"N	80°23'19.0005"W	2345.83	120.562	0.31	0.23	-0.21	
8834.00	90.340	160.560	7077.13	1879.08	-1282.48	2051.19	1813303.48	14287189.81	39°20'32.6527"N	80°23'18.6107"W	2419.12	122.015	0.71	-0.48	-0.52	
8928.00	90.580	160.790	7076.37	1973.08	-1371.18	2082.29	1813334.57	14287101.14	39°20'31.7739"N	80°23'18.2225"W	2493.21	123.365	0.35	0.26	0.24	
9023.00	90.430	161.190	7075.53	2068.07	-1461.00	2113.23	1813365.51	14287011.36	39°20'30.8842"N	80°23'17.8364"W	2569.10	124.658	0.45	-0.16	0.42	
9118.00	90.770	161.470	7074.54	2163.07	-1550.99	2143.64	1813395.90	14286921.40	39°20'29.9927"N	80°23'17.4571"W	2645.90	125.887	0.46	0.36	0.29	
9212.00	91.020	161.030	7073.07	2257.05	-1639.99	2173.86	1813426.10	14286832.43	39°20'29.1110"N	80°23'17.0802"W	2723.09	127.032	0.54	0.27	-0.47	
9307.00	90.710	161.150	7071.64	2352.04	-1729.86	2204.64	1813456.88	14286742.60	39°20'28.2208"N	80°23'16.6962"W	2802.29	128.119	0.35	-0.33	0.13	
9402.00	90.920	161.110	7070.28	2447.03	-1819.74	2235.36	1813487.59	14286652.75	39°20'27.3304"N	80°23'16.3129"W	2882.41	129.148	0.23	0.22	-0.04	
9496.00	90.620	161.030	7069.02	2541.02	-1908.65	2265.85	1813518.07	14286563.87	39°20'26.4496"N	80°23'15.9325"W	2962.61	130.109	0.33	-0.32	-0.09	
9591.00	90.620	161.090	7067.99	2636.02	-1998.50	2296.69	1813548.89	14286474.06	39°20'25.5595"N	80°23'15.5478"W	3044.47	131.029	0.06	0.00	0.06	
9686.00	90.620	160.940	7066.97	2731.01	-2088.33	2327.59	1813579.78	14286384.26	39°20'24.6697"N	80°23'15.1622"W	3127.11	131.899	0.16	0.00	-0.16	
9781.00	90.490	160.870	7066.05	2826.01	-2178.10	2358.67	1813610.85	14286294.53	39°20'23.7804"N	80°23'14.7744"W	3210.52	132.721	0.16	-0.14	-0.07	
9875.00	90.490	160.890	7065.24	2920.00	-2266.91	2389.46	1813641.62	14286205.75	39°20'22.9005"N	80°23'14.3902"W	3293.69	133.492	0.02	0.00	0.02	
9970.00	90.620	160.960	7064.32	3015.00	-2356.69	2420.50	1813672.66	14286116.00	39°20'22.0111"N	80°23'14.0029"W	3378.28	134.235	0.16	0.14	0.07	
10064.00	90.550	160.860	7063.36	3108.99	-2445.51	2451.24	1813703.39	14286027.21	39°20'21.1312"N	80°23'13.6193"W	3462.53	134.933	0.13	-0.07	-0.11	
10159.00	90.770	161.300	7062.27	3203.99	-2535.37	2482.04	1813734.18	14285937.38	39°20'20.2410"N	80°23'13.2350"W	3548.05	135.609	0.52	0.23	0.46	
10348.00	90.680	161.160	7059.88	3392.97	-2714.31	2542.85	1813794.97	14285758.51	39°20'18.4684"N	80°23'12.4766"W	3719.35	136.868	0.09	-0.05	-0.07	
10443.00	90.800	160.960	7058.65	3487.96	-2804.16	2573.68	1813825.79	14285668.70	39°20'17.5783"N	80°23'12.0919"W	3806.20	137.454	0.25	0.13	-0.21	
10538.00	90.620	161.400	7057.47	3582.96	-2894.07	2604.33	1813856.42	14285578.82	39°20'16.6876"N	80°23'11.7097"W	3893.35	138.016	0.50	-0.19	0.46	
10632.00	92.960	161.750	7054.54	3676.90	-2983.20	2634.02	1813886.10	14285489.72	39°20'15.8047"N	80°23'11.3395"W	3979.64	138.557	2.52	2.49	0.37	

REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Murray Unit 1H
Field	Harrison	UWI	47-033-06121-0000
Facility	Flanigan Pad	Wellbore	Murray Unit 1H AWB
Slot	Slot E		

WELLPATH DATA (156 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
10727.00	90.460	161.160	7051.70	3771.85	-3073.22	2664.22	1813916.29	14285399.73	39°20'14.9130"N	80°23'10.9629"W	4067.28	139.077	2.70	-2.63	-0.62	
10822.00	90.400	160.680	7050.99	3866.84	-3163.00	2695.28	1813947.33	14285309.99	39°20'14.0236"N	80°23'10.5754"W	4155.61	139.565	0.51	-0.06	-0.51	
10916.00	90.550	161.350	7050.21	3960.84	-3251.88	2725.85	1813977.90	14285221.14	39°20'13.1431"N	80°23'10.1940"W	4243.23	140.029	0.73	0.16	0.71	
11011.00	90.460	160.660	7049.37	4055.84	-3341.71	2756.77	1814008.81	14285131.35	39°20'12.2532"N	80°23'9.8082"W	4332.07	140.479	0.73	-0.09	-0.73	
11106.00	90.650	160.890	7048.45	4150.83	-3431.40	2788.05	1814040.08	14285041.68	39°20'11.3646"N	80°23'9.4179"W	4421.29	140.906	0.31	0.20	0.24	
11200.00	90.650	160.980	7047.38	4244.82	-3520.24	2818.76	1814070.77	14284952.88	39°20'10.4845"N	80°23'9.0348"W	4509.71	141.315	0.10	0.00	0.10	
11295.00	90.460	161.240	7046.46	4339.82	-3610.12	2849.51	1814101.51	14284863.03	39°20'9.5942"N	80°23'8.6512"W	4599.20	141.716	0.34	-0.20	0.27	
11390.00	87.570	159.610	7048.10	4434.79	-3699.60	2881.33	1814133.32	14284773.58	39°20'8.7076"N	80°23'8.2540"W	4689.26	142.088	3.49	-3.04	-1.72	
11484.00	90.550	160.780	7049.64	4528.75	-3788.02	2913.17	1814165.15	14284685.20	39°20'7.8316"N	80°23'7.8564"W	4778.67	142.438	3.41	3.17	1.24	
11579.00	89.850	160.560	7049.31	4623.75	-3877.66	2944.62	1814196.58	14284595.58	39°20'6.9435"N	80°23'7.4640"W	4868.99	142.788	0.77	-0.74	-0.23	
11674.00	89.260	159.810	7050.05	4718.73	-3967.04	2976.82	1814228.77	14284506.25	39°20'6.0581"N	80°23'7.0619"W	4959.72	143.116	1.00	-0.62	-0.79	
11768.00	89.780	160.620	7050.83	4812.72	-4055.48	3008.63	1814260.58	14284417.83	39°20'5.1818"N	80°23'6.6646"W	5049.64	143.429	1.02	0.55	0.86	
11863.00	89.940	161.410	7051.07	4907.72	-4145.31	3039.54	1814291.47	14284328.03	39°20'4.2919"N	80°23'6.2791"W	5140.28	143.749	0.85	0.17	0.83	
11958.00	89.850	160.330	7051.24	5002.72	-4235.07	3070.67	1814322.59	14284238.31	39°20'3.4027"N	80°23'5.8907"W	5231.14	144.056	1.14	-0.09	-1.14	
12052.00	90.030	161.270	7051.34	5096.71	-4323.84	3101.58	1814353.49	14284149.58	39°20'2.5233"N	80°23'5.5050"W	5321.22	144.347	1.02	0.19	1.00	
12147.00	89.940	161.000	7051.36	5191.71	-4413.73	3132.30	1814384.20	14284059.71	39°20'1.6327"N	80°23'5.1218"W	5412.24	144.638	0.30	-0.09	-0.28	
12242.00	89.970	160.940	7051.44	5286.71	-4503.54	3163.28	1814415.16	14283969.94	39°20'0.7430"N	80°23'4.7354"W	5503.47	144.916	0.07	0.03	-0.06	
12336.00	90.000	161.060	7051.46	5380.71	-4592.42	3193.88	1814445.75	14283881.09	39°19'59.8625"N	80°23'4.3536"W	5593.85	145.183	0.13	0.03	0.13	
12431.00	90.060	160.680	7051.41	5475.71	-4682.17	3225.01	1814476.88	14283791.37	39°19'58.9734"N	80°23'3.9652"W	5685.37	145.441	0.40	0.06	-0.40	
12526.00	90.620	161.190	7050.85	5570.71	-4771.96	3256.04	1814507.89	14283701.62	39°19'58.0839"N	80°23'3.5781"W	5776.97	145.693	0.80	0.59	0.54	
12620.00	90.550	161.030	7049.89	5664.70	-4860.89	3286.48	1814538.31	14283612.72	39°19'57.2029"N	80°23'3.1986"W	5867.64	145.937	0.19	-0.07	-0.17	
12715.00	90.120	161.150	7049.33	5759.70	-4950.76	3317.26	1814569.09	14283522.88	39°19'56.3126"N	80°23'2.8146"W	5959.39	146.176	0.47	-0.45	0.13	
12810.00	90.060	160.580	7049.18	5854.70	-5040.52	3348.40	1814600.22	14283433.16	39°19'55.4234"N	80°23'2.4260"W	6051.33	146.404	0.60	-0.06	-0.60	
12905.00	90.890	161.280	7048.40	5949.70	-5130.30	3379.44	1814631.24	14283343.41	39°19'54.5340"N	80°23'2.0389"W	6143.34	146.626	1.14	0.87	0.74	
12999.00	90.120	160.640	7047.57	6043.69	-5219.15	3410.10	1814661.90	14283254.59	39°19'53.6538"N	80°23'1.6563"W	6234.45	146.840	1.07	-0.82	-0.68	
13094.00	88.400	159.870	7048.80	6138.67	-5308.55	3442.19	1814693.98	14283165.22	39°19'52.7680"N	80°23'1.2557"W	6326.88	147.040	1.98	-1.81	-0.81	
13189.00	90.060	161.650	7050.07	6233.65	-5398.23	3473.49	1814725.26	14283075.58	39°19'51.8795"N	80°23'0.8652"W	6419.20	147.241	2.56	1.75	1.87	
13283.00	90.460	160.920	7049.65	6327.65	-5487.26	3503.65	1814755.41	14282986.58	39°19'50.9976"N	80°23'0.4891"W	6510.42	147.441	0.89	0.43	-0.78	
13378.00	89.110	160.520	7050.00	6422.65	-5576.93	3535.02	1814786.77	14282896.95	39°19'50.1093"N	80°23'0.0977"W	6602.92	147.631	1.48	-1.42	-0.42	
13472.00	89.850	160.190	7050.85	6516.63	-5665.45	3566.62	1814818.36	14282808.45	39°19'49.2322"N	80°22'59.7033"W	6694.64	147.808	0.86	0.79	-0.35	

Actual Wellpath Report

Murray Unit 1H AWP Proj: 13933'

REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Murray Unit 1H
Field	Harrison	UWI	47-033-06121-0000
Facility	Flanigan Pad	Wellbore	Murray Unit 1H AWB
Slot	Slot E		

WELLPATH DATA (156 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
13567.00	89.750	161.550	7051.19	6611.63	-5755.21	3597.75	1814849.48	14282718.74	39°19'48.3431"N	80°22'59.3149"W	6787.21	147.989	1.44	-0.11	1.43	
13662.00	90.950	161.050	7050.61	6706.63	-5845.19	3628.21	1814879.92	14282628.79	39°19'47.4517"N	80°22'58.9352"W	6879.69	148.171	1.37	1.26	-0.53	
13756.00	89.380	160.760	7050.34	6800.62	-5934.01	3658.96	1814910.66	14282540.00	39°19'46.5717"N	80°22'58.5516"W	6971.40	148.342	1.70	-1.67	-0.31	
13851.00	89.200	160.510	7051.51	6895.61	-6023.63	3690.46	1814942.15	14282450.41	39°19'45.6839"N	80°22'58.1585"W	7064.25	148.506	0.32	-0.19	-0.26	
13908.00	90.460	160.320	7051.68	6952.61	-6077.33	3709.56	1814961.25	14282396.73	39°19'45.1518"N	80°22'57.9201"W	7120.03	148.600	2.24	2.21	-0.33	
13933.00‡	90.460	160.320	7051.48	6977.61	-6100.87	3717.98	1814969.66	14282373.20	39°19'44.9186"N	80°22'57.8150"W	7144.51	148.641	0.00	0.00	0.00	Projected MD at TD: 13933'

DIRECTIONAL DIFFICULTY INDEX

Directional Difficulty Index @ TD = **6.54**		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

HOLE & CASING SECTIONS - Ref Wellbore: Murray Unit 1H AWB Ref Wellpath: Murray Unit 1H AWP Proj: 13933'

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	0.27	0.23
17 1/2in Open Hole	125.50	560.00	434.50	125.50	559.99	0.27	0.23	1.67	1.29
13 3/8in Casing Surface	25.50	540.00	514.50	25.50	539.99	0.00	0.00	1.63	1.24
12 1/4in Open Hole	560.00	3592.00	3032.00	559.99	3512.03	1.67	1.29	217.48	612.55
9 5/8in Casing Intermediate	25.50	3562.00	3536.50	25.50	3483.06	0.00	0.00	214.74	605.27
8 3/4in Open Hole	3592.00	6606.00	3014.00	3512.03	6430.29	217.48	612.55	424.62	1334.74
8 1/2in Open Hole	6606.00	13933.00	7327.00	6430.29	7051.48	424.62	1334.74	-6100.87	3717.98
5 1/2in Casing Production	25.50	13913.00	13887.50	25.50	7051.64	0.00	0.00	-6082.04	3711.25

REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Murray Unit 1H
Field	Harrison	UWI	47-033-06121-0000
Facility	Flanigan Pad	Wellbore	Murray Unit 1H AWB
Slot	Slot E		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Murray Unit 1H POE Rev-2	7010.00	116.92	1573.56	**1812826.03**	**14288588.70**	39°20'46.5154"N	80°23'24.5696"W	point
Murray Unit 1H POE Rev-1	7019.50	116.92	1573.56	**1812826.03**	**14288588.70**	39°20'46.5154"N	80°23'24.5696"W	point
Murray Unit 1H BHL Rev-1	7044.50	-6407.71	3813.67	**1815065.31**	**14282066.47**	39°19'41.8795"N	80°22'56.6240"W	point
Murray Unit 1H BHL Rev-2	7060.00	-6407.71	3813.67	**1815065.31**	**14282066.47**	39°19'41.8795"N	80°22'56.6240"W	point
Murray Unit 1H LP Rev-2	7060.00	-116.98	1653.87	**1812906.31**	**14288354.88**	39°20'44.1983"N	80°23'23.5675"W	point
Murray Unit 1H BHL Rev-3	7067.00	-6407.71	3813.67	**1815065.31**	**14282066.47**	39°19'41.8795"N	80°22'56.6240"W	point
Murray Unit 1H LP Rev-3	7067.00	-132.11	1659.06	**1812911.50**	**14288339.76**	39°20'44.0485"N	80°23'23.5028"W	point
Murray Unit 1H 50' L/R Hard Line	7500.00	-3145.39	2693.61	1813945.67	14285327.58	39°20'14.1977"N	80°23'10.5951"W	rectangle
	2D Rectangle: 6898.47 x 100.							

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ANTERO RESOURCES CORPORATION**	Well	**Murray Unit 1H**
Field	**Harrison**	UWI	**47-033-06121-0000**
Facility	**Flanigan Pad**	Wellbore	**Murray Unit 1H AWB**
Slot	**Slot E**		

WELLPATH COMPOSITION - Ref Wellbore: Murray Unit 1H AWB Ref Wellpath: Murray Unit 1H AWP Proj: 13933'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
25.50	555.00	Gyrodata 2015 - GC+WIR+DPIPE	01_Gyrodata MS Gyro <17-1/2"> (100'-555')	Murray Unit 1H AWB	2025-11-17
555.00	3516.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02_APS EM <12-1/4"> (555')(591'-3516')	Murray Unit 1H AWB	2025-11-17
3516.00	6528.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03_APS EM <8-3/4"> (3516')(3590'-6528')	Murray Unit 1H AWB	2025-11-17
6528.00	13933.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04_BH Lucida <8-1/2"> (6528')(6655'-13908')	Murray Unit 1H AWB	2025-11-17

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ANTERO RESOURCES CORPORATION**	Well	**Murray Unit 1H**
Field	**Harrison**	UWI	**47-033-06121-0000**
Facility	**Flanigan Pad**	Wellbore	**Murray Unit 1H AWB**
Slot	**Slot E**		

COMMENTS

Wellpath general comments
API: 47-033-06121-0000
BH Job #: 112874830
Rig: H&P 317
Duration: 11/18/2025-11/24/2025
Gyrodata MS Gyro <17-1/2"> (100'-555')
APS EM <12-1/4"> (555')(591'-3516')
APS EM <8-3/4"> (3516')(3590'-6528')
BH Lucida <8-1/2"> (6528')(6655'-13908')
Sycamore: 6525' MD
Middlesex: 6789' MD
Burkett: 6989' MD
Tully: 7023' MD
Marcellus POE: 7386' MD
Projected MD at TD: 13933'