



ANTERO RESOURCES CORPORATION



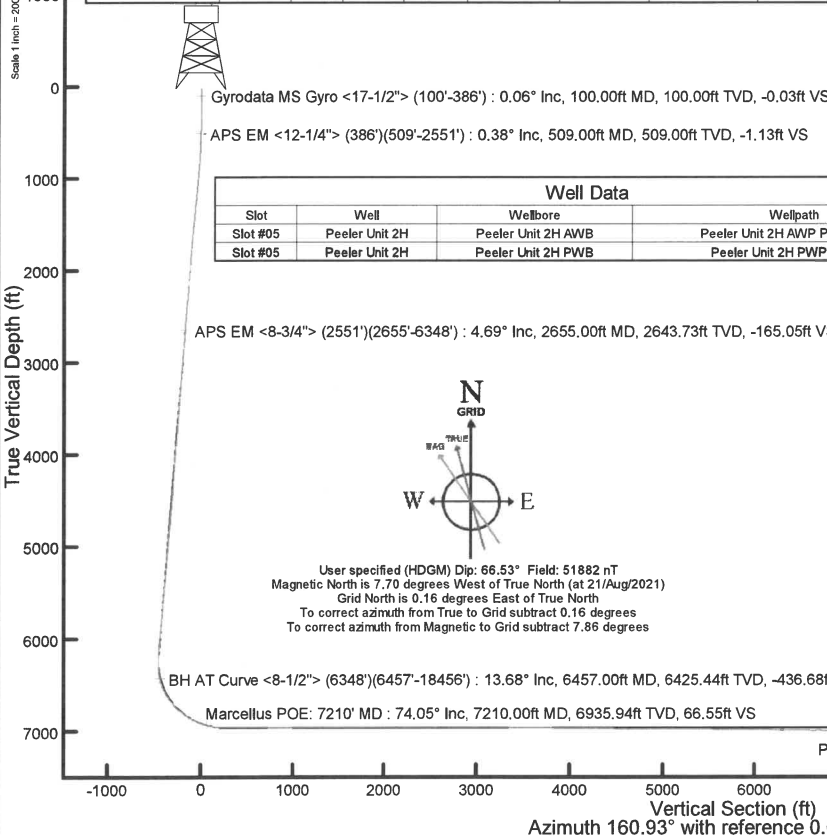
Location: Wetzel County, WV
Field: Wetzel
Facility: Gadd Pad

Slot: Slot #05
Well: Peeler Unit 2H
Wellbore: Peeler Unit 2H PWB

Plot reference wellpath is Peeler Unit 2H PWP Rev-B.0	Grid System: NAD27/UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 519 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 519 (RKB)	Scale: True distance
H&P 519 (RKB) to Mean Sea Level: 1252 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Mud line (At Slot: Slot #05): -1222 feet	Depths are in feet
Offset wellpath MDs are referenced to each well's default MD datum	Created by: edsanyar on 2021-09-03; Database: WA_MPL_EASTERNUS_Defn

Location Information					
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
Gadd Pad	1709411.160	14362271.230	39°32'59.8700"N	80°45'18.8700"W	
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude
Slot #05	-10.46	-53.63	1709357.550	14362260.770	39°32'59.7680"N
Comment: Peeler Unit 2H					
H&P 519 (RKB) to Mud line (At Slot: Slot #05)					30ft
Mean Sea Level to Mud line (At Slot: Slot #05)					-1222ft
H&P 519 (RKB) to Mean Sea Level					1252ft

Well Profile Data								
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	2551.00	5.270	30.070	2540.13	192.06	67.99	1.66	-159.31
Proj. to Bottom	2620.00	5.270	30.070	2608.84	197.55	71.17	0.00	-163.46
Drill Out	2700.00	5.270	30.070	2688.50	203.91	74.85	0.00	-168.26
Turn	2767.50	5.593	16.182	2755.70	209.75	77.32	2.00	-172.98
Curve KOP	6220.64	5.593	16.182	6192.39	532.98	171.12	0.00	-447.82
POE	7202.09	73.928	160.925	6937.00	56.20	370.83	8.00	68.04
Landing Pt.	7403.02	90.000	160.925	6965.00	-131.21	435.63	8.00	266.34
BHL	18400.70	90.000	160.925	6965.00	-10525.01	4029.78	0.00	11264.02



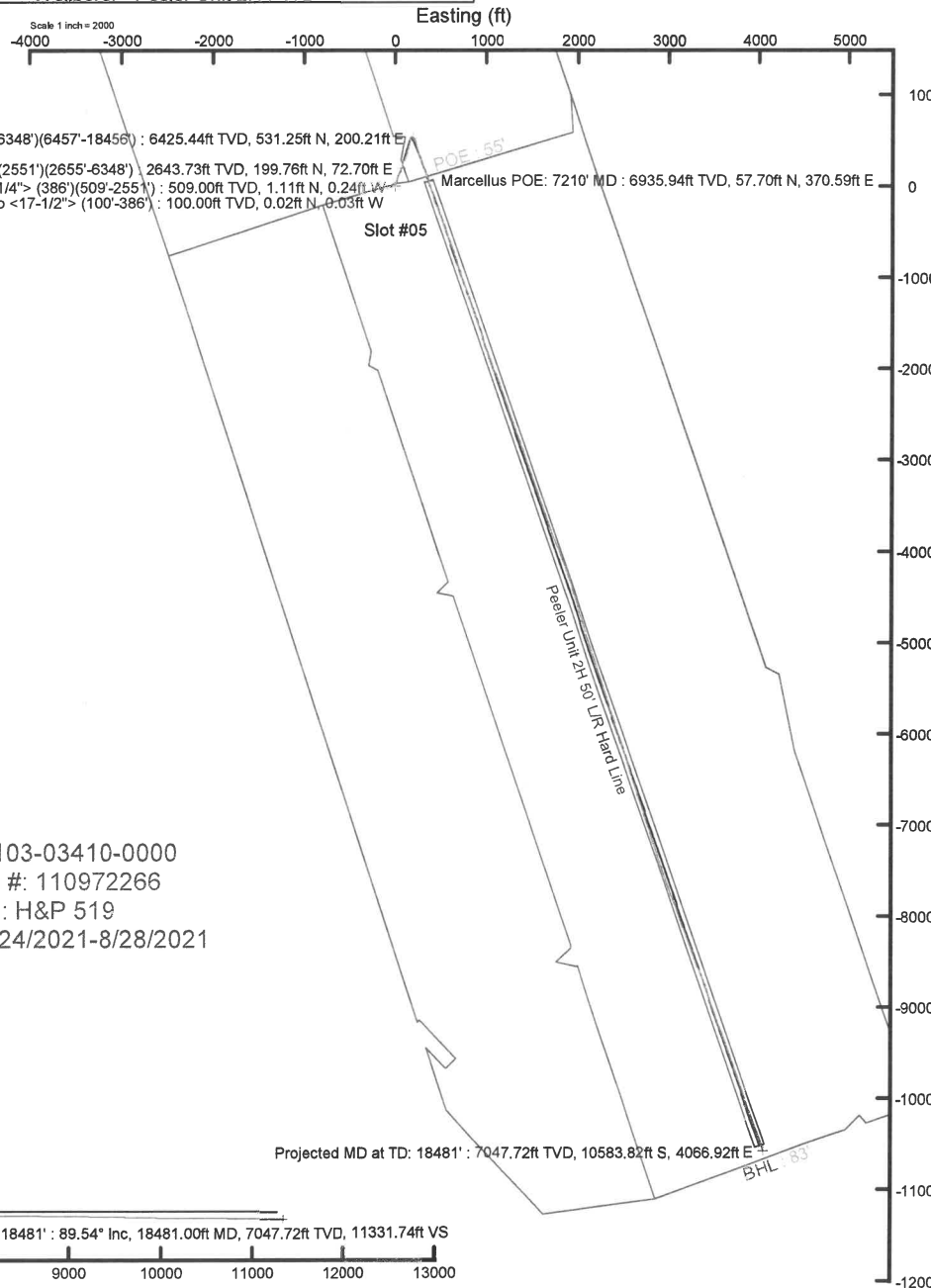
Well Data			
Slot	Well	Wellbore	Wellpath
Slot #05	Peeler Unit 2H	Peeler Unit 2H AWB	Peeler Unit 2H AWP Proj: 18481'
Slot #05	Peeler Unit 2H	Peeler Unit 2H PWB	Peeler Unit 2H PWP Rev-B.0

BH AT Curve <8-1/2"> (6348')(6457'-18456') : 6425.44ft TVD, 531.25ft N, 200.21ft E
 APS EM <8-3/4"> (2551')(2655'-6348') : 2643.73ft TVD, 199.76ft N, 72.70ft E
 APS EM <12-1/4"> (386')(509'-2551') : 509.00ft TVD, 1.11ft N, 0.24ft W
 Gyrodatta MS Gyro <17-1/2"> (100'-386') : 100.00ft TVD, 0.02ft N, 0.03ft W
 Marcellus POE: 7210' MD : 6935.94ft TVD, 57.70ft N, 370.59ft E

API: 47-103-03410-0000
 BH Job #: 110972266
 Rig: H&P 519
 Duration: 8/24/2021-8/28/2021

Projected MD at TD: 18481' : 7047.72ft TVD, 10583.82ft S, 4066.92ft E

Projected MD at TD: 18481' : 89.54° Inc, 18481.00ft MD, 7047.72ft TVD, 11331.74ft VS





Actual Wellpath Report

Peeler Unit 2H AWP Proj: 18481'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 2H
Field	Wetzel	API	47-103-03410-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 2H AWB
Slot	Slot #05		

REPORT SETUP INFORMATION			
Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999605	Report Generated	03/Sep/2021 at 16:26
Convergence at slot	0.16° 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	-10.46	-53.63	1709357.55	14362260.77	39°32'59.7680"N	80°45'19.5550"W
Facility Reference Pt			1709411.16	14362271.23	39°32'59.8700"N	80°45'18.8700"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 519 (RKB) to Facility Vertical Datum	1252.00ft
Horizontal Reference Pt	Slot	H&P 519 (RKB) to Mean Sea Level	1252.00ft
Vertical Reference Pt	H&P 519 (RKB)	H&P 519 (RKB) to Mud Line at Slot (Slot #05)	30.00ft
MD Reference Pt	H&P 519 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	160.93°



Actual Wellpath Report

Peeler Unit 2H AWP Proj: 18481'
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Field	Wetzel	API	47-103-03410-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 2H AWB
Slot	Slot #05		

WELLPATH DATA (202 stations) † = interpolated, ‡ = extrapolated station																
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(US ft)	(US ft)			(ft)	(°)	("/100ft)	("/100ft)	("/100ft)	
0.00†	0.000	302.880	0.00	0.00	0.00	0.00	1709357.55	14362260.77	39°32'59.7680"N	80°45'19.5550"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	302.880	30.00	0.00	0.00	0.00	1709357.55	14362260.77	39°32'59.7680"N	80°45'19.5550"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.060	302.880	100.00	-0.03	0.02	-0.03	1709357.52	14362260.79	39°32'59.7682"N	80°45'19.5554"W	0.04	302.880	0.09	0.09	0.00	Gyrodata MS Gyro <17-1/2"> (100'-386')
200.00	0.060	346.320	200.00	-0.12	0.10	-0.09	1709357.46	14362260.87	39°32'59.7690"N	80°45'19.5561"W	0.13	318.704	0.04	0.00	43.44	
300.00	0.130	356.480	300.00	-0.28	0.26	-0.11	1709357.44	14362261.03	39°32'59.7706"N	80°45'19.5564"W	0.28	337.981	0.07	0.07	10.16	
386.00	0.200	0.510	386.00	-0.52	0.51	-0.11	1709357.44	14362261.28	39°32'59.7731"N	80°45'19.5564"W	0.52	347.725	0.08	0.08	4.69	
509.00	0.380	340.620	509.00	-1.13	1.11	-0.24	1709357.31	14362261.88	39°32'59.7790"N	80°45'19.5581"W	1.14	347.576	0.17	0.15	-16.17	APS EM <12-1/4"> (386')(509'-2551')
599.00	1.560	1.240	598.98	-2.58	2.62	-0.32	1709357.23	14362263.39	39°32'59.7939"N	80°45'19.5590"W	2.64	353.090	1.35	1.31	22.91	
689.00	2.990	9.980	688.91	-5.78	6.15	0.12	1709357.67	14362266.92	39°32'59.8288"N	80°45'19.5533"W	6.15	1.082	1.63	1.59	9.71	
871.00	5.930	21.780	870.34	-17.04	19.56	4.43	1709361.98	14362280.32	39°32'59.9612"N	80°45'19.4978"W	20.06	12.755	1.68	1.62	6.48	
961.00	6.350	23.740	959.83	-24.21	28.43	8.16	1709365.70	14362289.19	39°33'0.0488"N	80°45'19.4499"W	29.58	16.006	0.52	0.47	2.18	
1052.00	6.520	22.140	1050.25	-31.79	37.83	12.13	1709369.68	14362298.58	39°33'0.1415"N	80°45'19.3988"W	39.72	17.780	0.27	0.19	-1.76	
1146.00	6.470	20.730	1143.65	-39.87	47.72	16.02	1709373.56	14362308.47	39°33'0.2393"N	80°45'19.3489"W	50.34	18.552	0.18	-0.05	-1.50	
1241.00	6.460	20.020	1238.05	-48.13	57.75	19.74	1709377.28	14362318.50	39°33'0.3383"N	80°45'19.3010"W	61.03	18.871	0.08	-0.01	-0.75	
1336.00	6.640	18.780	1332.43	-56.62	67.97	23.34	1709380.88	14362328.72	39°33'0.4392"N	80°45'19.2547"W	71.87	18.950	0.24	0.19	-1.31	
1430.00	6.320	14.400	1425.83	-65.22	78.13	26.37	1709383.91	14362338.87	39°33'0.5395"N	80°45'19.2156"W	82.46	18.653	0.63	-0.34	-4.66	
1525.00	6.210	13.700	1520.26	-73.91	88.19	28.89	1709386.43	14362348.92	39°33'0.6388"N	80°45'19.1831"W	92.80	18.140	0.14	-0.12	-0.74	
1619.00	5.750	12.320	1613.75	-82.20	97.73	31.10	1709388.64	14362358.46	39°33'0.7330"N	80°45'19.1546"W	102.55	17.653	0.51	-0.49	-1.47	
1714.00	5.450	9.540	1708.29	-90.22	106.82	32.86	1709390.40	14362367.55	39°33'0.8229"N	80°45'19.1318"W	111.76	17.100	0.43	-0.32	-2.93	
1809.00	5.810	16.330	1802.84	-98.10	115.89	34.96	1709392.50	14362376.61	39°33'0.9124"N	80°45'19.1047"W	121.05	16.789	0.80	0.38	7.15	
1903.00	6.090	27.450	1896.33	-105.41	124.88	38.60	1709396.13	14362385.60	39°33'1.0012"N	80°45'19.0579"W	130.71	17.176	1.26	0.30	11.83	
1998.00	6.540	31.500	1990.76	-112.32	133.96	43.75	1709401.28	14362394.68	39°33'1.0908"N	80°45'18.9919"W	140.93	18.086	0.67	0.47	4.26	
2092.00	6.610	26.600	2084.14	-119.50	143.37	48.97	1709406.50	14362404.08	39°33'1.1836"N	80°45'18.9249"W	151.50	18.859	0.60	0.07	-5.21	
2187.00	6.990	24.420	2178.47	-127.51	153.52	53.81	1709411.34	14362414.23	39°33'1.2838"N	80°45'18.8628"W	162.67	19.315	0.48	0.40	-2.29	
2281.00	6.600	17.860	2271.81	-135.98	163.87	57.83	1709415.36	14362424.57	39°33'1.3860"N	80°45'18.8111"W	173.77	19.438	0.92	-0.41	-6.98	
2376.00	6.850	15.850	2366.16	-144.99	174.51	61.05	1709418.58	14362435.21	39°33'1.4911"N	80°45'18.7696"W	184.88	19.281	0.36	0.26	-2.12	
2471.00	6.300	21.720	2460.53	-153.58	184.81	64.53	1709422.05	14362445.50	39°33'1.5928"N	80°45'18.7249"W	195.75	19.247	0.91	-0.58	6.18	
2551.00	5.270	30.070	2540.13	-159.31	192.08	67.99	1709425.52	14362452.76	39°33'1.6644"N	80°45'18.6804"W	203.74	19.494	1.66	-1.29	10.44	
2655.00	4.690	33.040	2643.73	-165.05	199.76	72.70	1709430.22	14362460.45	39°33'1.7404"N	80°45'18.6200"W	212.58	19.999	0.61	-0.56	2.86	APS EM <8-3/4"> (2551')(2655'-6348')
2749.00	6.350	26.940	2737.30	-171.02	207.62	77.15	1709434.67	14362468.31	39°33'1.8179"N	80°45'18.5629"W	221.49	20.386	1.87	1.77	-6.49	



Actual Wellpath Report

Peeler Unit 2H AWP Proj: 18481'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 2H
Field	Wetzel	API	47-103-03410-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 2H AWB
Slot	Slot #05		

WELLPATH DATA (202 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	
2844.00	6.360	18.380	2831.71	-178.84	217.30	81.19	1709438.71	14362477.98	39°33'1.9134"N	80°45'18.5110"W	231.97	20.488	1.00	0.01	-9.01		
2938.00	5.750	9.210	2925.19	-187.12	226.88	83.59	1709441.11	14362487.56	39°33'2.0081"N	80°45'18.4800"W	241.79	20.225	1.21	-0.65	-9.76		
3033.00	5.930	22.260	3019.70	-195.00	236.12	86.21	1709443.73	14362496.80	39°33'2.0994"N	80°45'18.4463"W	251.37	20.057	1.41	0.19	13.74		
3128.00	5.600	23.290	3114.22	-202.11	244.92	89.90	1709447.42	14362505.60	39°33'2.1862"N	80°45'18.3988"W	260.90	20.156	0.36	-0.35	1.08		
3222.00	5.080	18.300	3207.81	-208.81	253.09	93.02	1709450.53	14362513.76	39°33'2.2668"N	80°45'18.3587"W	269.64	20.181	0.74	-0.55	-5.31		
3320.00	4.970	11.400	3305.44	-215.91	261.37	95.22	1709452.74	14362522.03	39°33'2.3486"N	80°45'18.3303"W	278.17	20.018	0.63	-0.11	-7.04		
3415.00	5.830	31.550	3400.02	-222.52	269.51	98.56	1709456.07	14362530.18	39°33'2.4290"N	80°45'18.2874"W	286.97	20.087	2.18	0.91	21.21		
3509.00	5.860	29.000	3493.54	-228.76	277.78	103.39	1709460.89	14362538.44	39°33'2.5106"N	80°45'18.2256"W	296.40	20.415	0.28	0.03	-2.71		
3604.00	5.350	26.690	3588.08	-235.09	285.98	107.73	1709465.23	14362546.64	39°33'2.5915"N	80°45'18.1699"W	305.60	20.641	0.59	-0.54	-2.43		
3699.00	5.120	20.150	3682.69	-241.46	293.92	111.18	1709468.68	14362554.57	39°33'2.6699"N	80°45'18.1255"W	314.24	20.720	0.67	-0.24	-6.88		
3793.00	6.730	22.870	3776.18	-248.81	302.93	114.76	1709472.27	14362563.58	39°33'2.7588"N	80°45'18.0795"W	323.94	20.749	1.74	1.71	2.89		
3888.00	6.710	21.790	3870.53	-257.15	313.21	118.99	1709476.49	14362573.86	39°33'2.8604"N	80°45'18.0252"W	335.05	20.801	0.13	-0.02	-1.14		
3982.00	5.700	20.280	3963.98	-264.91	322.69	122.64	1709480.14	14362583.33	39°33'2.9539"N	80°45'17.9782"W	345.21	20.810	1.09	-1.07	-1.61		
4077.00	5.180	18.450	4058.55	-271.96	331.18	125.63	1709483.13	14362591.82	39°33'3.0378"N	80°45'17.9397"W	354.21	20.774	0.58	-0.55	-1.93		
4172.00	4.090	13.800	4153.24	-278.21	338.54	127.80	1709485.30	14362599.18	39°33'3.1105"N	80°45'17.9118"W	361.86	20.682	1.21	-1.15	-4.89		
4266.00	5.780	15.110	4246.88	-284.94	346.37	129.83	1709487.33	14362607.00	39°33'3.1878"N	80°45'17.8855"W	369.90	20.548	1.80	1.80	1.39		
4361.00	5.650	12.270	4341.41	-292.89	355.55	132.07	1709489.57	14362616.18	39°33'3.2785"N	80°45'17.8566"W	379.29	20.378	0.33	-0.14	-2.99		
4456.00	4.360	8.530	4436.05	-300.08	363.70	133.60	1709491.10	14362624.32	39°33'3.3589"N	80°45'17.8368"W	387.46	20.171	1.40	-1.36	-3.94		
4550.00	5.990	16.680	4529.66	-307.23	371.93	135.54	1709493.04	14362632.55	39°33'3.4402"N	80°45'17.8118"W	395.86	20.023	1.90	1.73	8.67		
4645.00	5.920	13.000	4624.15	-315.41	381.45	138.07	1709495.56	14362642.07	39°33'3.5343"N	80°45'17.7792"W	405.67	19.898	0.41	-0.07	-3.87		
4739.00	4.890	5.460	4717.73	-323.16	390.16	139.54	1709497.03	14362650.78	39°33'3.6203"N	80°45'17.7601"W	414.36	19.679	1.33	-1.10	-8.02		
4834.00	6.070	17.910	4812.30	-330.86	398.97	141.47	1709498.96	14362659.58	39°33'3.7074"N	80°45'17.7352"W	423.31	19.524	1.76	1.24	13.11		
4929.00	6.120	13.620	4906.76	-339.13	408.67	144.21	1709501.70	14362669.28	39°33'3.8032"N	80°45'17.6999"W	433.37	19.436	0.48	0.05	-4.52		
5023.00	6.350	15.980	5000.21	-347.60	418.54	146.82	1709504.31	14362679.15	39°33'3.9006"N	80°45'17.6662"W	443.54	19.330	0.37	0.24	2.51		
5118.00	5.990	14.640	5094.66	-356.03	428.39	149.52	1709507.01	14362688.99	39°33'3.9979"N	80°45'17.6314"W	453.73	19.240	0.41	-0.38	-1.41		
5212.00	5.130	11.390	5188.21	-363.73	437.25	151.59	1709509.07	14362697.85	39°33'4.0854"N	80°45'17.6047"W	462.78	19.120	0.97	-0.91	-3.46		
5307.00	6.420	19.170	5282.73	-371.56	446.43	154.17	1709511.66	14362707.03	39°33'4.1761"N	80°45'17.5714"W	472.30	19.051	1.59	1.36	8.19		
5402.00	6.600	17.060	5377.12	-380.14	456.67	157.51	1709515.00	14362717.26	39°33'4.2772"N	80°45'17.5283"W	483.07	19.030	0.32	0.19	-2.22		
5497.00	5.730	10.280	5471.57	-388.69	466.56	159.96	1709517.45	14362727.14	39°33'4.3748"N	80°45'17.4967"W	493.22	18.925	1.19	-0.92	-7.14		
5591.00	5.280	7.550	5565.14	-396.65	475.46	161.37	1709518.85	14362736.04	39°33'4.4628"N	80°45'17.4785"W	502.10	18.747	0.55	-0.48	-2.90		



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Slot	Slot #05		

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(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(US ft)	(US ft)			(ft)	(°)	("/100ft)	("/100ft)	("/100ft)	
5686.00	4.750	5.580	5659.77	-404.13	483.71	162.32	1709519.81	14362744.29	39°33'4.5443"N	80°45'17.4660"W	510.22	18.551	0.59	-0.56	-2.07	
5781.00	5.760	9.820	5754.37	-411.88	492.32	163.52	1709521.01	14362752.90	39°33'4.6293"N	80°45'17.4504"W	518.77	18.373	1.14	1.06	4.46	
5875.00	6.120	9.430	5847.87	-420.41	501.91	165.15	1709522.63	14362762.48	39°33'4.7241"N	80°45'17.4293"W	528.38	18.213	0.39	0.38	-0.41	
5969.00	6.170	11.580	5941.33	-429.16	511.80	166.98	1709524.46	14362772.37	39°33'4.8218"N	80°45'17.4056"W	538.35	18.069	0.25	0.05	2.29	
6064.00	6.320	7.400	6035.76	-438.23	521.99	168.68	1709526.16	14362782.55	39°33'4.9224"N	80°45'17.3835"W	548.57	17.908	0.50	0.16	-4.40	
6159.00	6.220	5.890	6130.20	-447.58	532.30	169.88	1709527.36	14362792.85	39°33'5.0242"N	80°45'17.3678"W	558.75	17.700	0.20	-0.11	-1.59	
6253.00	3.860	55.300	6223.87	-453.05	539.17	173.01	1709530.49	14362799.72	39°33'5.0921"N	80°45'17.3277"W	566.24	17.790	5.03	-2.51	52.56	
6348.00	8.090	98.070	6318.37	-450.86	540.05	182.26	1709539.74	14362800.60	39°33'5.1005"N	80°45'17.2095"W	569.97	18.649	6.18	4.45	45.02	
6457.00	13.680	126.730	6425.44	-436.68	531.25	200.21	1709557.68	14362791.81	39°33'5.0131"N	80°45'16.9807"W	567.72	20.650	6.99	5.13	26.29	BH AT Curve <8-1/2"> (6348')(6457'-18456')
6552.00	21.050	154.810	6516.20	-410.35	509.03	216.53	1709573.99	14362769.59	39°33'4.7930"N	80°45'16.7731"W	553.16	23.044	11.54	7.76	29.56	
6647.00	30.170	164.620	6601.81	-369.46	470.47	230.15	1709587.61	14362731.05	39°33'4.4116"N	80°45'16.6005"W	523.75	26.068	10.56	9.60	10.33	
6664.00†	31.567	164.407	6616.40	-360.75	462.07	232.48	1709589.94	14362722.65	39°33'4.3285"N	80°45'16.5711"W	517.26	26.709	8.24	8.22	-1.25	Sycamore: 6664' MD
6742.00	37.980	163.610	6680.44	-316.35	419.33	244.76	1709602.21	14362679.94	39°33'3.9058"N	80°45'16.4159"W	485.54	30.271	8.24	8.22	-1.02	
6820.00†	44.275	161.800	6739.17	-265.10	370.39	260.05	1709617.49	14362631.01	39°33'3.4217"N	80°45'16.2224"W	452.56	35.072	8.21	8.07	-2.32	Middlesex: 6820' MD
6836.00	45.570	161.480	6750.50	-253.80	359.67	263.61	1709621.05	14362620.30	39°33'3.3156"N	80°45'16.1773"W	445.93	36.238	8.21	8.09	-2.00	
6931.00	52.970	159.200	6812.44	-181.88	291.96	287.88	1709645.32	14362552.61	39°33'2.6458"N	80°45'15.8698"W	410.02	44.597	8.00	7.79	-2.40	
6971.00†	56.062	159.727	6835.66	-149.32	261.46	299.30	1709656.74	14362522.13	39°33'2.3440"N	80°45'15.7250"W	397.42	48.861	7.80	7.73	1.32	Burkett: 6971' MD
7023.00†	60.085	160.357	6863.15	-105.20	219.98	314.36	1709671.79	14362480.67	39°33'1.9337"N	80°45'15.5343"W	383.69	55.017	7.80	7.74	1.21	Tully: 7023' MD
7025.00	60.240	160.380	6864.15	-103.47	218.35	314.94	1709672.37	14362479.03	39°33'1.9175"N	80°45'15.5269"W	383.23	55.267	7.80	7.74	1.16	
7120.00	67.260	161.130	6906.14	-18.32	137.95	342.99	1709700.41	14362398.67	39°33'1.1222"N	80°45'15.1716"W	369.70	68.090	7.42	7.39	0.79	
7210.00†	74.048	160.919	6935.94	66.55	57.70	370.59	1709728.00	14362318.44	39°33'0.3283"N	80°45'14.8221"W	375.06	81.151	7.55	7.54	-0.23	Marcellus POE: 7210' MD
7214.00	74.350	160.910	6937.03	70.40	54.06	371.85	1709729.25	14362314.81	39°33'0.2923"N	80°45'14.8061"W	375.76	81.728	7.55	7.54	-0.23	
7309.00	82.590	162.680	6956.00	163.39	-34.29	400.89	1709758.28	14362226.49	39°32'59.4183"N	80°45'14.4388"W	402.35	94.889	8.86	8.67	1.86	
7403.00	90.180	164.220	6961.92	257.04	-124.15	427.58	1709784.96	14362136.67	39°32'58.5295"N	80°45'14.1009"W	445.24	106.191	8.24	8.07	1.64	
7498.00	89.720	159.220	6962.01	352.00	-214.33	457.37	1709814.74	14362046.53	39°32'57.6374"N	80°45'13.7238"W	505.10	115.108	5.29	-0.48	-5.26	
7593.00	90.490	160.190	6961.83	446.97	-303.43	490.32	1709847.68	14361957.46	39°32'56.7560"N	80°45'13.3062"W	576.61	121.751	1.30	0.81	1.02	
7687.00	90.250	157.850	6961.23	540.91	-391.19	523.97	1709881.32	14361869.74	39°32'55.8877"N	80°45'12.8797"W	653.89	126.744	2.50	-0.26	-2.49	
7782.00	89.940	159.570	6961.07	635.84	-479.70	558.47	1709915.80	14361781.26	39°32'55.0120"N	80°45'12.4425"W	736.21	130.661	1.84	-0.33	1.81	
7876.00	88.180	159.900	6962.61	729.80	-567.87	591.02	1709948.34	14361693.13	39°32'54.1397"N	80°45'12.0300"W	819.62	133.855	1.90	-1.87	0.35	
7971.00	89.480	161.070	6964.55	824.78	-657.39	622.75	1709980.05	14361603.64	39°32'53.2541"N	80°45'11.6281"W	905.52	136.550	1.84	1.37	1.23	



Actual Wellpath Report

Peeler Unit 2H AWP Proj: 18481'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 2H
Field	Wetzel	API	47-103-03410-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 2H AWB
Slot	Slot #05		

WELLPATH DATA (202 stations)																
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments
[ft]	[°]	[°]	[ft]	[ft]	[ft]	[ft]	[US ft]	[US ft]			[ft]	[°]	[°/100ft]	[°/100ft]	[°/100ft]	
8065.00	91.140	159.780	6964.04	918.77	-745.95	654.24	1710011.53	14361515.12	39°32'52.3780"N	80°45'11.2292"W	992.20	138.747	2.24	1.77	-1.37	
8160.00	91.020	162.270	6962.25	1013.74	-835.76	685.12	1710042.40	14361425.34	39°32'51.4895"N	80°45'10.8382"W	1080.69	140.657	2.62	-0.13	2.62	
8255.00	90.250	161.570	6961.20	1108.72	-926.07	714.60	1710071.87	14361335.07	39°32'50.5962"N	80°45'10.4650"W	1169.72	142.344	1.10	-0.81	-0.74	
8350.00	90.340	162.070	6960.71	1203.71	-1016.32	744.24	1710101.49	14361244.85	39°32'49.7034"N	80°45'10.0898"W	1259.68	143.785	0.53	0.09	0.53	
8444.00	89.910	161.150	6960.50	1297.70	-1105.52	773.90	1710131.14	14361155.69	39°32'48.8210"N	80°45'9.7144"W	1349.48	145.007	1.08	-0.46	-0.98	
8539.00	89.690	162.040	6960.83	1392.69	-1195.66	803.89	1710161.12	14361065.59	39°32'47.9293"N	80°45'9.3347"W	1440.78	146.085	0.97	-0.23	0.94	
8634.00	90.370	161.600	6960.78	1487.68	-1285.92	833.53	1710190.75	14360975.36	39°32'47.0365"N	80°45'8.9595"W	1532.43	147.049	0.85	0.72	-0.46	
8728.00	89.940	160.950	6960.53	1581.68	-1374.94	863.71	1710220.91	14360886.38	39°32'46.1558"N	80°45'8.5774"W	1623.71	147.864	0.83	-0.46	-0.69	
8823.00	89.690	161.080	6960.84	1676.67	-1464.77	894.61	1710251.81	14360796.58	39°32'45.2671"N	80°45'8.1860"W	1716.36	148.585	0.30	-0.26	0.14	
8917.00	89.380	158.610	6961.60	1770.65	-1553.01	927.00	1710284.18	14360708.38	39°32'44.3942"N	80°45'7.7757"W	1808.63	149.167	2.65	-0.33	-2.63	
9012.00	90.180	160.180	6961.97	1865.61	-1641.92	960.43	1710317.60	14360619.50	39°32'43.5145"N	80°45'7.3521"W	1902.19	149.675	1.85	0.84	1.65	
9106.00	90.220	160.050	6961.64	1959.60	-1730.32	992.40	1710349.56	14360531.14	39°32'42.6400"N	80°45'6.9471"W	1994.71	150.164	0.14	0.04	-0.14	
9201.00	90.770	161.680	6960.82	2054.59	-1820.06	1023.54	1710380.68	14360441.43	39°32'41.7522"N	80°45'6.5528"W	2088.12	150.648	1.81	0.58	1.72	
9296.00	89.110	159.760	6960.92	2149.58	-1909.73	1054.90	1710412.03	14360351.80	39°32'40.8652"N	80°45'6.1556"W	2181.71	151.084	2.67	-1.75	-2.02	
9390.00	90.220	160.350	6961.47	2243.57	-1998.09	1086.97	1710444.09	14360263.48	39°32'39.9910"N	80°45'5.7494"W	2274.61	151.454	1.34	1.18	0.63	
9484.00	89.750	159.690	6961.49	2337.56	-2086.43	1119.08	1710476.19	14360175.17	39°32'39.1170"N	80°45'5.3425"W	2367.60	151.792	0.86	-0.50	-0.70	
9579.00	89.510	160.910	6962.10	2432.55	-2175.86	1151.11	1710508.20	14360085.77	39°32'38.2323"N	80°45'4.9369"W	2461.59	152.120	1.31	-0.25	1.28	
9673.00	90.340	160.490	6962.23	2526.54	-2264.58	1182.18	1710539.26	14359997.09	39°32'37.3546"N	80°45'4.5435"W	2554.58	152.434	0.99	0.88	-0.45	
9768.00	90.490	160.490	6961.54	2621.54	-2354.12	1213.90	1710570.97	14359907.58	39°32'36.4688"N	80°45'4.1416"W	2648.67	152.722	0.16	0.16	0.00	
9862.00	90.460	161.070	6960.76	2715.54	-2442.88	1244.85	1710601.90	14359818.86	39°32'35.5907"N	80°45'3.7498"W	2741.77	152.997	0.62	-0.03	0.62	
9957.00	90.680	160.430	6959.81	2810.53	-2532.56	1276.16	1710633.21	14359729.21	39°32'34.7035"N	80°45'3.3532"W	2835.93	153.256	0.71	0.23	-0.67	
10052.00	90.430	157.630	6958.89	2905.46	-2621.26	1310.16	1710667.19	14359640.55	39°32'33.8260"N	80°45'2.9224"W	2930.45	153.443	2.96	-0.26	-2.95	
10146.00	89.230	160.690	6959.17	2999.41	-2709.10	1343.59	1710700.61	14359552.75	39°32'32.9569"N	80°45'2.4987"W	3023.98	153.621	3.50	-1.28	3.26	
10241.00	89.910	160.710	6959.89	3094.40	-2798.75	1374.99	1710732.00	14359463.13	39°32'32.0699"N	80°45'2.1011"W	3118.27	153.836	0.72	0.72	0.02	
10336.00	89.110	160.130	6960.70	3189.39	-2888.26	1406.83	1710763.82	14359373.66	39°32'31.1845"N	80°45'1.6979"W	3212.66	154.030	1.04	-0.84	-0.61	
10430.00	89.480	160.830	6961.85	3283.38	-2976.85	1438.23	1710795.21	14359285.10	39°32'30.3081"N	80°45'1.3002"W	3306.08	154.213	0.84	0.39	0.74	
10525.00	89.200	160.490	6962.95	3378.37	-3066.48	1469.69	1710826.66	14359195.51	39°32'29.4214"N	80°45'0.9018"W	3400.48	154.393	0.46	-0.29	-0.36	
10620.00	89.260	161.190	6964.23	3473.37	-3156.21	1500.87	1710857.82	14359105.81	39°32'28.5337"N	80°45'0.5070"W	3494.89	154.568	0.74	0.06	0.74	
10714.00	89.420	161.240	6965.31	3567.36	-3245.20	1531.14	1710888.08	14359016.86	39°32'27.6534"N	80°45'0.1238"W	3588.27	154.741	0.18	0.17	0.05	
10809.00	89.140	160.520	6966.50	3662.35	-3334.95	1562.25	1710919.18	14358927.15	39°32'26.7655"N	80°44'59.7299"W	3682.73	154.899	0.81	-0.29	-0.76	



Actual Wellpath Report

Peeler Unit 2H AWP Proj: 18481'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 2H
Field	Wetzel	API	47-103-03410-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 2H AWB
Slot	Slot #05		

WELLPATH DATA (202 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
10904.00	88.770	160.520	6968.23	3757.33	-3424.49	1593.93	1710950.84	14358837.63	39°32'25.8796"N	80°44'59.3287"W	3777.27	155.040	0.39	-0.39	0.00	
10998.00	89.350	158.390	6969.78	3851.28	-3512.50	1626.91	1710983.81	14358749.66	39°32'25.0089"N	80°44'58.9109"W	3870.98	155.148	2.35	0.62	-2.27	
11093.00	90.060	161.940	6970.27	3946.26	-3601.85	1659.14	1711016.03	14358660.35	39°32'24.1250"N	80°44'58.5027"W	3965.61	155.268	3.81	0.75	3.74	
11187.00	89.200	160.090	6970.87	4040.25	-3690.73	1689.72	1711046.60	14358571.51	39°32'23.2457"N	80°44'58.1155"W	4059.14	155.400	2.17	-0.91	-1.97	
11282.00	89.260	161.090	6972.15	4135.24	-3780.32	1721.28	1711078.15	14358481.95	39°32'22.3594"N	80°44'57.7158"W	4153.75	155.519	1.05	0.06	1.05	
11377.00	89.690	157.590	6973.02	4230.18	-3869.19	1754.79	1711111.65	14358393.11	39°32'21.4801"N	80°44'57.2912"W	4248.52	155.604	3.71	0.45	-3.68	
11472.00	89.290	154.620	6973.87	4324.83	-3956.03	1793.27	1711150.11	14358306.30	39°32'20.6208"N	80°44'56.8032"W	4343.50	155.615	3.15	-0.42	-3.13	
11566.00	89.260	160.690	6975.06	4418.63	-4042.93	1828.99	1711185.81	14358219.44	39°32'19.7610"N	80°44'56.3504"W	4437.39	155.658	6.46	-0.03	6.46	
11661.00	88.890	158.580	6976.59	4513.58	-4131.97	1862.04	1711218.85	14358130.43	39°32'18.8800"N	80°44'55.9317"W	4532.15	155.742	2.25	-0.39	-2.22	
11755.00	90.430	163.720	6977.15	4607.55	-4220.90	1892.40	1711249.20	14358041.55	39°32'18.0003"N	80°44'55.5474"W	4625.71	155.851	5.71	1.64	5.47	
11850.00	88.460	161.060	6978.07	4702.50	-4311.43	1921.13	1711277.92	14357951.05	39°32'17.1048"N	80°44'55.1838"W	4720.08	155.983	3.48	-2.07	-2.80	
11944.00	90.250	161.940	6979.13	4796.48	-4400.56	1950.96	1711307.73	14357861.95	39°32'16.2230"N	80°44'54.8064"W	4813.65	156.090	2.12	1.90	0.94	
12038.00	90.220	163.090	6978.74	4890.44	-4490.22	1979.20	1711335.97	14357772.33	39°32'15.3362"N	80°44'54.4491"W	4907.06	156.213	1.22	-0.03	1.22	
12133.00	89.380	162.010	6979.07	4985.40	-4580.84	2007.69	1711364.44	14357681.74	39°32'14.4397"N	80°44'54.0887"W	5001.49	156.333	1.44	-0.88	-1.14	
12228.00	90.030	162.770	6979.56	5080.37	-4671.39	2036.43	1711393.17	14357591.23	39°32'13.5440"N	80°44'53.7251"W	5095.97	156.446	1.05	0.68	0.80	
12322.00	89.260	161.070	6980.15	5174.35	-4760.74	2065.60	1711422.33	14357501.92	39°32'12.6601"N	80°44'53.3560"W	5189.54	156.545	1.99	-0.82	-1.81	
12417.00	89.420	161.850	6981.24	5269.34	-4850.80	2095.80	1711452.52	14357411.89	39°32'11.7692"N	80°44'52.9737"W	5284.19	156.633	0.84	0.17	0.82	
12511.00	90.250	162.230	6981.51	5363.32	-4940.22	2124.79	1711481.49	14357322.51	39°32'10.8846"N	80°44'52.6070"W	5377.78	156.727	0.97	0.88	0.40	
12606.00	89.450	161.100	6981.76	5458.31	-5030.40	2154.67	1711511.37	14357232.37	39°32'9.9926"N	80°44'52.2288"W	5472.43	156.813	1.46	-0.84	-1.19	
12701.00	88.920	161.990	6983.11	5553.29	-5120.50	2184.74	1711541.42	14357142.30	39°32'9.1012"N	80°44'51.8482"W	5567.10	156.894	1.09	-0.56	0.94	
12796.00	89.660	160.600	6984.29	5648.28	-5210.47	2215.20	1711571.87	14357052.36	39°32'8.2112"N	80°44'51.4626"W	5661.82	156.968	1.66	0.78	-1.46	
12890.00	89.420	162.380	6985.04	5742.27	-5299.60	2245.04	1711601.70	14356963.27	39°32'7.3294"N	80°44'51.0850"W	5755.52	157.041	1.91	-0.26	1.89	
12985.00	89.350	162.780	6986.06	5837.23	-5390.24	2273.48	1711630.13	14356872.67	39°32'6.4329"N	80°44'50.7252"W	5850.08	157.131	0.43	-0.07	0.42	
13079.00	89.420	162.280	6987.07	5931.18	-5479.90	2301.70	1711658.34	14356783.04	39°32'5.5460"N	80°44'50.3683"W	5943.66	157.216	0.54	0.07	-0.53	
13174.00	89.630	162.240	6987.86	6026.15	-5570.38	2330.65	1711687.27	14356692.60	39°32'4.6509"N	80°44'50.0021"W	6038.30	157.296	0.23	0.22	-0.04	
13268.00	89.450	162.660	6988.61	6120.12	-5660.00	2358.99	1711715.60	14356603.01	39°32'3.7644"N	80°44'49.6436"W	6131.92	157.374	0.49	-0.19	0.45	
13363.00	89.200	162.710	6989.73	6215.07	-5750.69	2387.26	1711743.86	14356512.36	39°32'2.8673"N	80°44'49.2860"W	6226.51	157.455	0.27	-0.26	0.05	
13458.00	89.080	162.130	6991.16	6310.02	-5841.24	2415.95	1711772.54	14356421.84	39°32'1.9715"N	80°44'48.9231"W	6321.15	157.530	0.62	-0.13	-0.61	
13552.00	88.980	162.580	6992.75	6403.98	-5930.81	2444.44	1711801.02	14356332.31	39°32'1.0856"N	80°44'48.5627"W	6414.81	157.601	0.49	-0.11	0.48	
13647.00	88.800	162.180	6994.59	6498.93	-6021.33	2473.19	1711829.76	14356241.82	39°32'0.1901"N	80°44'48.1990"W	6509.46	157.670	0.46	-0.19	-0.42	



Actual Wellpath Report

Peeler Unit 2H AWP Proj: 18481'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 2H
Field	Wetzel	API	47-103-03410-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 2H AWB
Slot	Slot #05		

WELLPATH DATA (202 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
13742.00	89.600	161.220	6995.92	6593.91	-6111.52	2503.02	1711859.57	14356151.68	39°31'59.2979"N	80°44'47.8216"W	6604.22	157.728	1.32	0.84	-1.01	
13836.00	90.430	163.420	6995.89	6687.88	-6201.07	2531.56	1711888.11	14356062.16	39°31'58.4121"N	80°44'47.4605"W	6697.92	157.792	2.50	0.88	2.34	
13931.00	88.460	160.200	6996.81	6782.84	-6291.30	2561.21	1711917.75	14355971.96	39°31'57.5194"N	80°44'47.0853"W	6792.67	157.849	3.97	-2.07	-3.39	
14025.00	91.170	162.910	6997.12	6876.82	-6380.46	2590.95	1711947.47	14355882.84	39°31'56.6375"N	80°44'46.7090"W	6886.45	157.899	4.08	2.88	2.88	
14120.00	88.680	162.490	6997.24	6971.77	-6471.15	2619.20	1711975.71	14355792.18	39°31'55.7403"N	80°44'46.3518"W	6981.12	157.964	2.66	-2.62	-0.44	
14215.00	88.830	161.100	6999.30	7066.73	-6561.37	2648.87	1712005.37	14355702.00	39°31'54.8478"N	80°44'45.9763"W	7075.88	158.016	1.47	0.16	-1.46	
14309.00	88.920	162.110	7001.15	7160.71	-6650.55	2678.52	1712035.01	14355612.85	39°31'53.9656"N	80°44'45.6010"W	7169.68	158.063	1.08	0.10	1.07	
14404.00	89.630	162.770	7002.35	7255.66	-6741.12	2707.18	1712063.66	14355522.33	39°31'53.0697"N	80°44'45.2385"W	7264.40	158.120	1.02	0.75	0.69	
14498.00	89.290	162.260	7003.24	7349.62	-6830.77	2735.43	1712091.89	14355432.71	39°31'52.1829"N	80°44'44.8813"W	7358.12	158.176	0.65	-0.36	-0.54	
14593.00	89.170	161.490	7004.51	7444.60	-6921.05	2764.98	1712121.43	14355342.47	39°31'51.2898"N	80°44'44.5074"W	7452.92	158.223	0.82	-0.13	-0.81	
14688.00	89.420	162.360	7005.68	7539.58	-7011.35	2794.45	1712150.89	14355252.20	39°31'50.3965"N	80°44'44.1346"W	7547.71	158.270	0.95	0.26	0.92	
14782.00	89.600	162.820	7006.49	7633.54	-7101.04	2822.57	1712179.00	14355162.54	39°31'49.5093"N	80°44'43.7789"W	7641.45	158.323	0.53	0.19	0.49	
14877.00	89.420	162.450	7007.30	7728.49	-7191.71	2850.93	1712207.34	14355071.91	39°31'48.6124"N	80°44'43.4203"W	7736.18	158.376	0.43	-0.19	-0.39	
14972.00	89.540	161.930	7008.16	7823.46	-7282.15	2879.98	1712236.39	14354981.51	39°31'47.7177"N	80°44'43.0527"W	7830.96	158.422	0.56	0.13	-0.55	
15066.00	89.540	161.660	7008.92	7917.45	-7371.44	2909.35	1712265.74	14354892.25	39°31'46.8344"N	80°44'42.6812"W	7924.80	158.462	0.29	0.00	-0.29	
15161.00	89.570	160.770	7009.65	8012.44	-7461.38	2939.94	1712296.32	14354802.35	39°31'45.9447"N	80°44'42.2940"W	8019.69	158.495	0.94	0.03	-0.94	
15255.00	89.350	160.830	7010.54	8106.44	-7550.15	2970.85	1712327.22	14354713.62	39°31'45.0665"N	80°44'41.9028"W	8113.61	158.521	0.24	-0.23	0.06	
15350.00	89.660	160.060	7011.36	8201.43	-7639.66	3002.65	1712359.00	14354624.14	39°31'44.1809"N	80°44'41.5002"W	8208.55	158.543	0.87	0.33	-0.81	
15445.00	89.540	159.530	7012.02	8296.41	-7728.81	3035.46	1712391.80	14354535.02	39°31'43.2989"N	80°44'41.0847"W	8303.53	158.558	0.57	-0.13	-0.56	
15539.00	89.450	159.630	7012.85	8390.38	-7816.90	3068.25	1712424.58	14354446.97	39°31'42.4274"N	80°44'40.6694"W	8397.51	158.569	0.14	-0.10	0.11	
15634.00	89.350	159.330	7013.85	8485.35	-7905.87	3101.55	1712457.87	14354358.03	39°31'41.5471"N	80°44'40.2476"W	8492.49	158.579	0.33	-0.11	-0.32	
15729.00	89.380	159.320	7014.90	8580.30	-7994.75	3135.09	1712491.40	14354269.19	39°31'40.6678"N	80°44'39.8228"W	8587.48	158.588	0.03	0.03	-0.01	
15823.00	89.450	159.680	7015.86	8674.27	-8082.79	3168.01	1712524.30	14354181.19	39°31'39.7967"N	80°44'39.4059"W	8681.46	158.598	0.39	0.07	0.38	
15918.00	89.450	159.940	7016.77	8769.25	-8171.95	3200.79	1712557.07	14354092.06	39°31'38.9146"N	80°44'38.9908"W	8776.44	158.611	0.27	0.00	0.27	
16013.00	89.230	159.930	7017.87	8864.22	-8261.18	3233.38	1712589.65	14354002.87	39°31'38.0319"N	80°44'38.5781"W	8871.40	158.625	0.23	-0.23	-0.01	
16107.00	89.260	159.650	7019.11	8958.20	-8349.38	3265.85	1712622.11	14353914.70	39°31'37.1592"N	80°44'38.1669"W	8965.38	158.637	0.30	0.03	-0.30	
16202.00	89.260	159.870	7020.33	9053.17	-8438.51	3298.72	1712654.96	14353825.61	39°31'36.2774"N	80°44'37.7508"W	9060.35	158.649	0.23	0.00	0.23	
16297.00	89.170	159.310	7021.63	9148.13	-8527.53	3331.84	1712688.07	14353736.62	39°31'35.3966"N	80°44'37.3312"W	9155.33	158.659	0.60	-0.09	-0.59	
16391.00	89.140	159.630	7023.02	9242.09	-8615.55	3364.81	1712721.02	14353648.63	39°31'34.5257"N	80°44'36.9138"W	9249.31	158.667	0.34	-0.03	0.34	
16486.00	89.140	159.710	7024.45	9337.06	-8704.63	3397.81	1712754.01	14353559.59	39°31'33.6445"N	80°44'36.4959"W	9344.28	158.677	0.08	0.00	0.08	



Actual Wellpath Report

Peeler Unit 2H AWP Proj: 18481'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 2H
Field	Wetzel	API	47-103-03410-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 2H AWB
Slot	Slot #05		

WELLPATH DATA (202 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
16581.00	89.080	159.710	7025.92	9432.03	-8793.72	3430.75	1712786.94	14353470.54	39°31'32.7630"N	80°44'36.0788"W	9439.26	158.687	0.06	-0.06	0.00	
16675.00	88.860	160.350	7027.61	9526.00	-8882.05	3462.85	1712819.02	14353382.24	39°31'31.8891"N	80°44'35.6724"W	9533.22	158.701	0.72	-0.23	0.68	
16770.00	88.710	160.310	7029.63	9620.97	-8971.49	3494.82	1712850.98	14353292.84	39°31'31.0043"N	80°44'35.2676"W	9628.16	158.717	0.16	-0.16	-0.04	
16865.00	88.920	160.440	7031.59	9715.95	-9060.95	3526.72	1712882.87	14353203.41	39°31'30.1192"N	80°44'34.8638"W	9723.10	158.733	0.26	0.22	0.14	
16959.00	89.110	160.480	7033.21	9809.93	-9149.53	3558.15	1712914.29	14353114.87	39°31'29.2429"N	80°44'34.4659"W	9817.04	158.749	0.21	0.20	0.04	
17054.00	88.770	158.760	7034.96	9904.89	-9238.56	3591.23	1712947.35	14353025.87	39°31'28.3620"N	80°44'34.0470"W	9912.01	158.758	1.85	-0.36	-1.81	
17148.00	89.170	160.870	7036.65	9998.85	-9326.77	3623.65	1712979.77	14352937.70	39°31'27.4893"N	80°44'33.6364"W	10005.97	158.768	2.28	0.43	2.24	
17243.00	89.050	159.860	7038.13	10093.83	-9416.23	3655.57	1713011.67	14352848.27	39°31'26.6042"N	80°44'33.2324"W	10100.92	158.783	1.07	-0.13	-1.06	
17338.00	91.170	161.020	7037.95	10188.82	-9505.74	3687.38	1713043.46	14352758.80	39°31'25.7187"N	80°44'32.8298"W	10195.88	158.798	2.54	2.23	1.22	
17432.00	88.920	160.560	7037.87	10282.81	-9594.50	3718.30	1713074.38	14352670.07	39°31'24.8406"N	80°44'32.4384"W	10289.81	158.816	2.44	-2.39	-0.49	
17527.00	89.230	160.550	7039.41	10377.80	-9684.07	3749.92	1713105.99	14352580.54	39°31'23.9544"N	80°44'32.0382"W	10384.76	158.832	0.33	0.33	-0.01	
17621.00	89.450	160.790	7040.49	10471.79	-9772.77	3781.04	1713137.09	14352491.88	39°31'23.0769"N	80°44'31.6444"W	10478.70	158.849	0.35	0.23	0.26	
17716.00	89.660	160.740	7041.23	10566.79	-9862.46	3812.33	1713168.37	14352402.22	39°31'22.1896"N	80°44'31.2483"W	10573.65	158.866	0.23	0.22	-0.05	
17811.00	89.450	160.570	7041.97	10661.78	-9952.10	3843.80	1713199.83	14352312.62	39°31'21.3028"N	80°44'30.8500"W	10668.60	158.882	0.28	-0.22	-0.18	
17906.00	89.290	160.170	7043.01	10756.77	-10041.57	3875.71	1713231.73	14352223.18	39°31'20.4176"N	80°44'30.4460"W	10763.56	158.895	0.45	-0.17	-0.42	
18000.00	89.450	160.490	7044.04	10850.76	-10130.08	3907.35	1713263.35	14352134.71	39°31'19.5420"N	80°44'30.0455"W	10857.53	158.907	0.38	0.17	0.34	
18095.00	89.660	160.580	7044.78	10945.76	-10219.65	3939.01	1713295.00	14352045.18	39°31'18.6559"N	80°44'29.6449"W	10952.49	158.922	0.24	0.22	0.09	
18189.00	89.660	160.780	7045.34	11039.76	-10308.35	3970.11	1713326.08	14351956.51	39°31'17.7783"N	80°44'29.2513"W	11046.44	158.937	0.21	0.00	0.21	
18284.00	89.510	160.590	7046.03	11134.75	-10398.00	4001.53	1713357.49	14351866.89	39°31'16.8913"N	80°44'28.8536"W	11141.39	158.951	0.25	-0.16	-0.20	
18379.00	89.480	160.730	7046.86	11229.75	-10487.64	4032.99	1713388.94	14351777.29	39°31'16.0046"N	80°44'28.4554"W	11236.35	158.966	0.15	-0.03	0.15	
18456.00	89.540	160.470	7047.52	11306.74	-10560.26	4058.56	1713414.51	14351704.70	39°31'15.2861"N	80°44'28.1318"W	11313.31	158.977	0.35	0.08	-0.34	
18481.00	89.540	160.470	7047.72	11331.74	-10583.82	4066.92	1713422.86	14351681.14	39°31'15.0530"N	80°44'28.0260"W	11338.31	158.980	0.00	0.00	0.00	Projected MD at TD: 18481'



Actual Wellpath Report

Peeler Unit 2H AWP Proj: 18481'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 2H
Field	Wetzel	API	47-103-03410-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 2H AWB
Slot	Slot #05		

HOLE & CASING SECTIONS - Ref Wellbore: Peeler Unit 2H AWB Ref Wellpath: Peeler Unit 2H AWP Proj: 18481'										
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	30.00	130.00	100.00	30.00	130.00	0.00	0.00	0.04		-0.05
17.5in Open Hole	130.00	488.00	358.00	130.00	488.00	0.04	-0.05	0.98		-0.20
13.375in Casing Surface	30.00	468.00	438.00	30.00	468.00	0.00	0.00	0.87		-0.17
12.25in Open Hole	488.00	2620.00	2132.00	488.00	2608.86	0.98	-0.20	197.30		71.13
9.625in Casing Intermediate	30.00	2600.00	2570.00	30.00	2588.93	0.00	0.00	195.83		70.23
8.75in Open Hole	2620.00	6415.00	3795.00	2608.86	6384.43	197.30	71.13	536.21		192.65
8.5in Open Hole	6415.00	18481.00	12066.00	6384.43	7047.72	536.21	192.65	-10583.82		4066.92
5.5in Casing Production	30.00	18481.00	18451.00	30.00	7047.72	0.00	0.00	-10583.82		4066.92

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Peeler Unit 2H POE Rev-2	6937.00	56.20	370.83	1709728.23	14362316.95	39°33'0.3135"N	80°45'14.8191"W	point
Peeler Unit 2H BHL Rev-2	6965.00	-10525.01	4029.78	1713385.73	14351739.93	39°31'15.6352"N	80°44'28.4978"W	point
Peeler Unit 2H LP Rev-2	6965.00	-131.21	435.63	1709793.01	14362129.61	39°32'58.4595"N	80°45'13.9984"W	point
Peeler Unit 2H 50' L/R Hard Line	7250.00	-5234.41	2200.30	1711556.98	14357028.44	39°32'7.9751"N	80°44'51.6537"W	rectangle
	2D Rectangle 11196 x 100.							



Actual Wellpath Report
 Peeler Unit 2H AWP Proj: 18481'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 2H
Field	Wetzel	API	47-103-03410-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 2H AWB
Slot	Slot #05		

WELLPATH COMPOSITION - Ref Wellbore: Peeler Unit 2H AWB Ref Wellpath: Peeler Unit 2H AWP Proj: 18481'						
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date	
30.00	386.00	Gyrodata 2015 - GC+WIR+DPIPE	01 Gyrodata MS Gyro <17-1/2"> (100'-386')	Peeler Unit 2H AWB	29/Jul/2021	
386.00	2551.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (386')(509'-2551')	Peeler Unit 2H AWB	29/Jul/2021	
2551.00	6348.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (2551')(2655'-6348')	Peeler Unit 2H AWB	21/Aug/2021	
6348.00	18481.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (6348')(6457'-18456')	Peeler Unit 2H AWB	21/Aug/2021	



Actual Wellpath Report

Peeler Unit 2H AWP Proj: 18481'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 2H
Field	Wetzel	API	47-103-03410-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 2H AWB
Slot	Slot #05		

COMMENTS

Wellpath general comments

API: 47-103-03410-0000

BH Job #: 110972266

Rig: H&P 519

Duration: 8/24/2021-8/28/2021

Gyrodatta MS Gyro <17-1/2"> (100'-386')

APS EM <12-1/4"> (386')(509'-2551')

APS EM <8-3/4"> (2551')(2655'-6348')

BH AT Curve <8-1/2"> (6348')(6457'-18456')

Sycamore: 6664' MD

Middlesex: 6820' MD

Burkett: 6971' MD

Tully: 7023' MD

Marcellus POE: 7210' MD

Projected MD at TD: 18481'