



# ANTERO RESOURCES CORPORATION



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

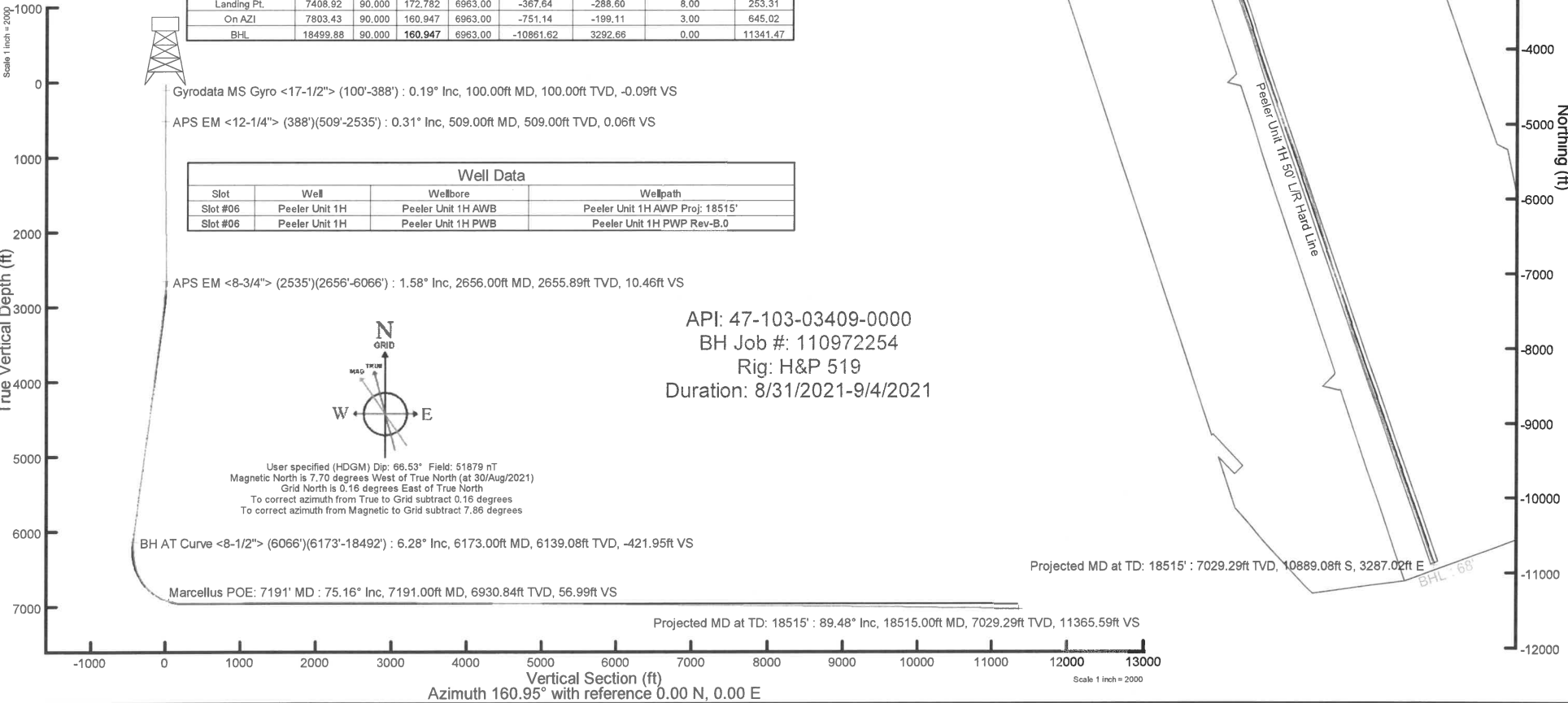
Slot: Slot #06  
Well: Peeler Unit 1H  
Wellbore: Peeler Unit 1H PWB

Plot reference wellpath is Peeler Unit 1H 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 #06): -1222 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: edsanyar on 2021-09-04; 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)	Longitude
Slot #06	-13.34	-68.35	1709342.840	14362257.900	39°32'59.7400"N
Comment: Peeler Unit 1H					
H&P 519 (RKB) to Mud line (At Slot: Slot #06): 30ft					
Mean Sea Level to Mud line (At Slot: Slot #06): -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	2535.00	0.540	290.670	2534.91	-12.51	1.85	0.70	12.43
Proj. to Bottom	2604.00	0.540	290.670	2603.90	-12.28	1.24	0.00	12.01
Drill Out	2684.00	0.540	290.670	2683.90	-12.01	0.53	0.00	11.53
End of 3D Arc	3078.60	8.370	317.532	3077.01	9.86	-20.63	2.00	-16.06
Curve KOP	6197.87	8.370	317.532	6163.05	344.80	-327.20	0.00	-432.71
POE	7207.99	73.928	172.782	6935.00	-170.91	-313.51	8.00	59.22
Landing Pt.	7408.92	90.000	172.782	6963.00	-367.64	-288.50	8.00	253.31
On AZI	7803.43	90.000	160.947	6963.00	-751.14	-199.11	3.00	645.02
BHL	18499.88	90.000	160.947	6963.00	-10861.62	3292.66	0.00	11341.47

Well Data			
Slot	Well	Wellbore	Wellpath
Slot #06	Peeler Unit 1H	Peeler Unit 1H AWB	Peeler Unit 1H AWP Proj: 18515'
Slot #06	Peeler Unit 1H	Peeler Unit 1H PWB	Peeler Unit 1H PWP Rev-B.0





# Actual Wellpath Report

Peeler Unit 1H AWP Proj: 18515'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 1H
Field	Wetzel	API	47-103-03409-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 1H AWB
Slot	Slot #06		

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	04/Sep/2021 at 13:04
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	-13.34	-68.35	1709342.84	14362257.90	39°32'59.7400"N	80°45'19.7430"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 #06)	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	160.95°



# Actual Wellpath Report

Peeler Unit 1H AWP Proj: 18515'

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Field	Wetzel	API	47-103-03409-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 1H AWB
Slot	Slot #06		

WELLPATH DATA (204 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	16.430	0.00	0.00	0.00	0.00	1709342.84	14362257.90	39°32'59.7400"N	80°45'19.7430"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	16.430	30.00	0.00	0.00	0.00	1709342.84	14362257.90	39°32'59.7400"N	80°45'19.7430"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.190	16.430	100.00	-0.09	0.11	0.03	1709342.87	14362258.01	39°32'59.7411"N	80°45'19.7425"W	0.12	16.430	0.27	0.27	0.00	Gyrodata MS Gyro <17-1/2"> (100'-388')
200.00	0.110	67.240	200.00	-0.24	0.31	0.17	1709343.01	14362258.21	39°32'59.7431"N	80°45'19.7408"W	0.35	28.685	0.15	-0.08	50.81	
300.00	0.110	82.480	300.00	-0.22	0.36	0.35	1709343.19	14362258.26	39°32'59.7436"N	80°45'19.7385"W	0.50	44.574	0.03	0.00	15.24	
388.00	0.230	83.350	388.00	-0.17	0.39	0.61	1709343.45	14362258.29	39°32'59.7439"N	80°45'19.7352"W	0.72	57.541	0.14	0.14	0.99	
509.00	0.310	103.810	509.00	0.06	0.34	1.17	1709344.01	14362258.24	39°32'59.7434"N	80°45'19.7280"W	1.22	73.858	0.10	0.07	16.91	APS EM <12-1/4"> (388')(509'-2535')
599.00	0.120	101.480	599.00	0.24	0.26	1.50	1709344.34	14362258.16	39°32'59.7426"N	80°45'19.7238"W	1.52	80.093	0.21	-0.21	-2.59	
689.00	0.330	136.690	689.00	0.53	0.05	1.77	1709344.61	14362257.95	39°32'59.7405"N	80°45'19.7204"W	1.77	88.237	0.27	0.23	39.12	
780.00	0.200	181.360	780.00	0.91	-0.30	1.95	1709344.78	14362257.61	39°32'59.7371"N	80°45'19.7181"W	1.97	98.624	0.26	-0.14	49.09	
871.00	0.210	168.680	870.99	1.23	-0.62	1.97	1709344.81	14362257.28	39°32'59.7339"N	80°45'19.7178"W	2.07	107.364	0.05	0.01	-13.93	
961.00	0.200	186.290	960.99	1.53	-0.94	1.99	1709344.83	14362256.97	39°32'59.7307"N	80°45'19.7176"W	2.20	115.178	0.07	-0.01	19.57	
1052.00	0.290	198.760	1051.99	1.86	-1.31	1.90	1709344.74	14362256.59	39°32'59.7270"N	80°45'19.7188"W	2.31	124.638	0.11	0.10	13.70	
1146.00	0.540	202.690	1145.99	2.38	-1.95	1.65	1709344.49	14362255.96	39°32'59.7208"N	80°45'19.7220"W	2.55	139.684	0.27	0.27	4.18	
1241.00	0.370	198.420	1240.99	2.95	-2.65	1.38	1709344.22	14362255.25	39°32'59.7138"N	80°45'19.7254"W	2.99	152.469	0.18	-0.18	-4.49	
1336.00	0.530	197.540	1335.98	3.55	-3.36	1.15	1709343.99	14362254.54	39°32'59.7068"N	80°45'19.7284"W	3.55	161.078	0.17	0.17	-0.93	
1430.00	0.520	178.300	1429.98	4.31	-4.20	1.03	1709343.87	14362253.70	39°32'59.6985"N	80°45'19.7299"W	4.33	166.181	0.19	-0.01	-20.47	
1525.00	0.450	174.020	1524.98	5.08	-5.00	1.08	1709343.92	14362252.90	39°32'59.6906"N	80°45'19.7293"W	5.12	167.764	0.08	-0.07	-4.51	
1620.00	0.580	179.470	1619.97	5.90	-5.85	1.13	1709343.97	14362252.05	39°32'59.6822"N	80°45'19.7288"W	5.96	169.092	0.15	0.14	5.74	
1714.00	0.630	158.760	1713.97	6.87	-6.81	1.32	1709344.16	14362251.09	39°32'59.6727"N	80°45'19.7264"W	6.94	169.034	0.24	0.05	-22.03	
1809.00	0.750	153.930	1808.96	8.01	-7.86	1.78	1709344.62	14362250.05	39°32'59.6623"N	80°45'19.7205"W	8.06	167.219	0.14	0.13	-5.08	
1903.00	0.850	165.430	1902.95	9.31	-9.08	2.23	1709345.07	14362248.82	39°32'59.6502"N	80°45'19.7148"W	9.35	166.220	0.20	0.11	12.23	
1998.00	0.860	156.140	1997.94	10.73	-10.42	2.69	1709345.53	14362247.49	39°32'59.6370"N	80°45'19.7089"W	10.76	165.503	0.15	0.01	-9.78	
2093.00	0.850	155.720	2092.93	12.14	-11.71	3.27	1709346.11	14362246.19	39°32'59.6242"N	80°45'19.7016"W	12.16	164.393	0.01	-0.01	-0.44	
2187.00	0.760	149.160	2186.92	13.44	-12.88	3.88	1709346.72	14362245.02	39°32'59.6126"N	80°45'19.6939"W	13.45	163.247	0.14	-0.10	-6.98	
2282.00	0.360	259.060	2281.92	14.02	-13.48	3.91	1709346.75	14362244.42	39°32'59.6067"N	80°45'19.6935"W	14.04	163.833	0.99	-0.42	115.68	
2376.00	0.500	272.270	2375.92	13.83	-13.52	3.21	1709346.05	14362244.38	39°32'59.6063"N	80°45'19.7025"W	13.90	166.651	0.18	0.15	14.05	
2471.00	0.800	323.150	2470.91	13.04	-12.97	2.40	1709345.24	14362244.93	39°32'59.6118"N	80°45'19.7128"W	13.19	169.535	0.65	0.32	53.56	
2535.00	0.540	290.670	2534.91	12.43	-12.51	1.85	1709344.69	14362245.40	39°32'59.6164"N	80°45'19.7198"W	12.64	171.605	0.70	-0.41	-50.75	
2656.00	1.580	357.120	2655.89	10.46	-10.64	1.23	1709344.07	14362247.26	39°32'59.6348"N	80°45'19.7277"W	10.71	173.413	1.20	0.86	54.92	APS EM <8-3/4"> (2535')(2656'-6066')



# Actual Wellpath Report

Peeler Unit 1H AWP Proj: 18515'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 1H
Field	Wetzel	API	47-103-03409-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 1H AWB
Slot	Slot #06		

WELLPATH DATA (204 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]		
2750.00	5.920	330.560	2749.67	4.44	-5.12	-1.22	1709341.62	14362252.78	39°32'59.6894"N	80°45'19.7587"W	5.27	193.397	4.85	4.62	-28.26		
2845.00	7.200	327.290	2844.05	-6.16	4.15	-6.85	1709336.00	14362262.05	39°32'59.7813"N	80°45'19.8302"W	8.01	301.244	1.40	1.35	-3.44		
2940.00	6.250	324.430	2938.39	-16.90	13.37	-13.07	1709329.77	14362271.26	39°32'59.8725"N	80°45'19.9094"W	18.70	315.645	1.06	-1.00	-3.01		
3037.00	6.420	325.930	3034.80	-27.20	22.16	-19.18	1709323.67	14362280.05	39°32'59.9595"N	80°45'19.9871"W	29.30	319.117	0.24	0.18	1.55		
3132.00	6.080	322.570	3129.23	-37.11	30.55	-25.21	1709317.64	14362288.44	39°33'0.0427"N	80°45'20.0638"W	39.61	320.467	0.53	-0.36	-3.54		
3226.00	5.660	318.650	3222.74	-46.12	37.98	-31.30	1709311.55	14362295.87	39°33'0.1163"N	80°45'20.1412"W	49.22	320.509	0.62	-0.45	-4.17		
3321.00	8.300	328.800	3317.03	-57.16	47.37	-37.95	1709304.90	14362305.25	39°33'0.2092"N	80°45'20.2258"W	60.70	321.299	3.06	2.78	10.68		
3416.00	8.600	328.250	3411.00	-70.79	59.27	-45.24	1709297.62	14362317.15	39°33'0.3271"N	80°45'20.3184"W	74.56	322.647	0.33	0.32	-0.58		
3510.00	7.760	324.190	3504.04	-83.73	70.40	-52.65	1709290.21	14362328.27	39°33'0.4372"N	80°45'20.4127"W	87.91	323.206	1.08	-0.89	-4.32		
3605.00	6.810	320.410	3598.28	-95.14	79.94	-59.99	1709282.87	14362337.81	39°33'0.5317"N	80°45'20.5061"W	99.95	323.112	1.12	-1.00	-3.98		
3700.00	8.080	322.240	3692.47	-106.74	89.56	-67.67	1709275.19	14362347.42	39°33'0.6270"N	80°45'20.6038"W	112.25	322.924	1.36	1.34	1.93		
3794.00	8.370	319.820	3785.51	-119.38	100.01	-76.13	1709266.74	14362357.87	39°33'0.7305"N	80°45'20.7114"W	125.69	322.719	0.48	0.31	-2.57		
3889.00	8.080	317.770	3879.53	-131.97	110.23	-85.08	1709257.79	14362368.09	39°33'0.8318"N	80°45'20.8253"W	139.25	322.338	0.43	-0.31	-2.16		
3984.00	7.390	314.260	3973.67	-143.56	119.44	-93.94	1709248.93	14362377.29	39°33'0.9230"N	80°45'20.9381"W	151.96	321.814	0.88	-0.73	-3.69		
4079.00	6.800	310.600	4067.94	-153.87	127.36	-102.59	1709240.29	14362385.21	39°33'1.0016"N	80°45'21.0482"W	163.54	321.150	0.78	-0.62	-3.85		
4173.00	6.240	306.430	4161.33	-162.89	134.02	-110.92	1709231.96	14362391.87	39°33'1.0676"N	80°45'21.1544"W	173.97	320.386	0.78	-0.60	-4.44		
4268.00	8.180	311.150	4255.58	-173.01	141.53	-120.17	1709222.72	14362399.38	39°33'1.1421"N	80°45'21.2721"W	185.67	319.667	2.13	2.04	4.97		
4362.00	8.520	312.000	4348.58	-184.90	150.59	-130.38	1709212.51	14362408.43	39°33'1.2319"N	80°45'21.4021"W	199.19	319.115	0.38	0.36	0.90		
4457.00	9.780	313.680	4442.37	-198.23	160.88	-141.44	1709201.45	14362418.71	39°33'1.3338"N	80°45'21.5431"W	214.21	318.678	1.36	1.33	1.77		
4552.00	9.260	310.990	4536.06	-212.03	171.46	-153.05	1709189.85	14362429.29	39°33'1.4387"N	80°45'21.6908"W	229.83	318.247	0.72	-0.55	-2.83		
4646.00	8.350	307.100	4628.95	-224.25	180.54	-164.20	1709178.70	14362438.37	39°33'1.5288"N	80°45'21.8329"W	244.04	317.713	1.16	-0.97	-4.14		
4741.00	10.130	313.760	4722.72	-237.41	190.48	-175.74	1709167.17	14362448.30	39°33'1.6273"N	80°45'21.9798"W	259.17	317.305	2.18	1.87	7.01		
4836.00	9.370	311.280	4816.35	-251.56	201.36	-187.58	1709155.33	14362459.18	39°33'1.7352"N	80°45'22.1307"W	275.20	317.029	0.91	-0.80	-2.61		
4930.00	8.340	306.600	4909.23	-263.84	210.47	-198.81	1709144.11	14362468.29	39°33'1.8255"N	80°45'22.2736"W	289.52	316.633	1.34	-1.10	-4.98		
5025.00	9.050	309.420	5003.13	-275.89	219.33	-210.11	1709132.81	14362477.14	39°33'1.9133"N	80°45'22.4176"W	303.73	316.229	0.87	0.75	2.97		
5119.00	9.870	314.830	5095.86	-289.43	229.70	-221.54	1709121.39	14362487.51	39°33'2.0162"N	80°45'22.5631"W	319.13	316.037	1.29	0.87	5.76		
5214.00	8.950	307.730	5189.58	-302.92	239.96	-233.16	1709109.78	14362497.77	39°33'2.1179"N	80°45'22.7111"W	334.58	315.824	1.56	-0.97	-7.47		
5309.00	7.610	319.680	5283.60	-314.97	249.28	-243.07	1709099.86	14362507.08	39°33'2.2103"N	80°45'22.8374"W	348.18	315.723	2.29	-1.41	12.58		
5403.00	6.860	317.760	5376.85	-325.93	258.19	-250.87	1709092.07	14362515.98	39°33'2.2985"N	80°45'22.9367"W	360.00	315.823	0.84	-0.80	-2.04		
5498.00	8.120	324.530	5471.04	-337.58	267.85	-258.58	1709084.36	14362525.64	39°33'2.3942"N	80°45'23.0347"W	372.30	316.009	1.62	1.33	7.13		



# Actual Wellpath Report

Peeler Unit 1H AWP Proj: 18515'  
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REFERENCE WELLPATH IDENTIFICATION			
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Facility	Gadd Pad	Wellbore	Peeler Unit 1H AWB
Slot	Slot #06		

WELLPATH DATA (204 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)		
5593.00	7.830	318.290	5565.12	-349.99	278.15	-266.78	1709076.17	14362535.94	39°33'2.4962"N	80°45'23.1390"W	385.40	316.195	0.96	-0.31	-6.57		
5687.00	9.670	327.140	5658.02	-363.56	289.56	-275.33	1709067.62	14362547.34	39°33'2.6092"N	80°45'23.2477"W	399.56	316.443	2.42	1.96	9.41		
5782.00	8.850	322.810	5751.79	-378.26	302.08	-284.07	1709058.88	14362559.86	39°33'2.7332"N	80°45'23.3590"W	414.67	316.760	1.13	-0.86	-4.56		
5877.00	7.680	313.240	5845.80	-390.82	312.25	-293.11	1709049.84	14362570.03	39°33'2.8340"N	80°45'23.4740"W	428.27	316.811	1.90	-1.23	-10.07		
5971.00	8.920	315.330	5938.82	-402.96	321.74	-302.81	1709040.15	14362579.51	39°33'2.9280"N	80°45'23.5975"W	441.83	316.736	1.36	1.32	2.22		
6066.00	7.660	302.520	6032.83	-414.56	330.38	-313.33	1709029.63	14362588.15	39°33'3.0137"N	80°45'23.7315"W	455.33	316.517	2.35	-1.33	-13.48		
6173.00	6.280	268.900	6139.08	-421.95	334.11	-325.20	1709017.77	14362591.87	39°33'3.0508"N	80°45'23.8829"W	466.24	315.774	3.96	-1.29	-31.42	BH AT Curve <8-1/2"> (6066')(6173'-18492')	
6267.00	5.470	232.360	6232.62	-422.11	331.27	-333.89	1709009.08	14362589.04	39°33'3.0230"N	80°45'23.9940"W	470.34	314.774	4.00	-0.86	-38.87		
6362.00	10.290	216.130	6326.70	-415.81	321.64	-342.49	1709000.49	14362579.42	39°33'2.9281"N	80°45'24.1040"W	469.84	313.202	5.54	5.07	-17.08		
6457.00	13.650	197.880	6419.66	-402.00	304.11	-350.94	1708992.04	14362561.89	39°33'2.7551"N	80°45'24.2125"W	464.37	310.911	5.29	3.54	-19.21		
6551.00	20.040	181.170	6509.63	-377.98	277.41	-354.68	1708988.30	14362535.20	39°33'2.4913"N	80°45'24.2611"W	450.28	308.031	8.46	6.80	-17.78		
6646.00	27.840	177.110	6596.47	-341.49	239.07	-353.90	1708989.08	14362496.88	39°33'2.1123"N	80°45'24.2525"W	427.08	304.040	8.18	8.00	-4.27		
6666.00†	29.091	176.711	6614.06	-332.35	229.58	-353.38	1708989.60	14362487.39	39°33'2.0185"N	80°45'24.2463"W	421.41	303.011	7.32	7.25	-1.99	Sycamore: 6666' MD	
6741.00	34.540	175.490	6677.77	-294.19	190.15	-350.66	1708992.31	14362447.98	39°33'1.6288"N	80°45'24.2129"W	398.90	298.470	7.32	7.27	-1.63		
6814.00†	41.641	172.989	6735.19	-250.38	145.39	-346.07	1708996.91	14362403.23	39°33'1.1863"N	80°45'24.1558"W	375.37	292.788	9.95	9.73	-3.43	Middlesex: 6814' MD	
6836.00	43.790	172.370	6751.36	-235.77	130.59	-344.17	1708998.81	14362388.44	39°33'1.0399"N	80°45'24.1321"W	368.11	290.779	9.95	9.77	-2.81		
6930.00	51.910	172.100	6814.38	-167.49	61.60	-334.75	1709008.22	14362319.47	39°33'0.3578"N	80°45'24.0142"W	340.37	280.427	8.64	8.64	-0.29		
6956.00†	53.947	172.810	6830.06	-147.16	41.03	-332.03	1709010.94	14362298.92	39°33'0.1545"N	80°45'23.9802"W	334.55	277.045	8.13	7.83	2.73	Burkett: 6956' MD	
7004.00†	57.717	174.029	6857.01	-108.39	1.59	-327.49	1709015.48	14362259.49	39°32'59.7645"N	80°45'23.9235"W	327.49	270.278	8.13	7.85	2.54	Tully: 7004' MD	
7025.00	59.370	174.530	6867.97	-90.96	-16.24	-325.70	1709017.27	14362241.67	39°32'59.5883"N	80°45'23.9014"W	326.11	267.146	8.13	7.87	2.39		
7120.00	69.210	176.000	6909.13	-8.14	-101.43	-318.69	1709024.28	14362156.51	39°32'58.7461"N	80°45'23.8148"W	334.44	252.345	10.45	10.36	1.55		
7191.00†	75.162	176.747	6930.84	56.99	-168.86	-314.42	1709028.54	14362089.10	39°32'58.0795"N	80°45'23.7627"W	356.90	241.762	8.44	8.38	1.05	Marcellus POE: 7191' MD	
7214.00	77.090	176.980	6936.36	78.46	-191.16	-313.20	1709029.76	14362066.82	39°32'57.8592"N	80°45'23.7479"W	366.93	238.603	8.44	8.38	1.01		
7308.00	83.590	175.380	6952.12	167.83	-283.57	-307.02	1709035.94	14361974.45	39°32'56.9457"N	80°45'23.6721"W	417.94	227.274	7.12	6.91	-1.70		
7402.00	91.450	172.290	6956.19	259.29	-376.85	-296.94	1709046.02	14361881.20	39°32'56.0235"N	80°45'23.5466"W	479.78	218.236	8.98	8.36	-3.29		
7497.00	90.250	168.830	6954.78	352.93	-470.54	-281.36	1709061.59	14361787.55	39°32'55.0972"N	80°45'23.3510"W	548.24	210.877	3.85	-1.26	-3.64		
7592.00	90.120	167.080	6954.47	447.22	-563.44	-261.53	1709081.41	14361694.68	39°32'54.1784"N	80°45'23.1012"W	621.18	204.900	1.85	-0.14	-1.84		
7687.00	90.920	161.780	6953.61	542.01	-654.92	-236.05	1709106.89	14361603.24	39°32'53.2737"N	80°45'22.7789"W	696.16	199.820	5.64	0.84	-5.58		
7781.00	90.280	161.250	6952.63	636.00	-744.06	-206.24	1709136.68	14361514.13	39°32'52.3918"N	80°45'22.4016"W	772.12	195.493	0.88	-0.68	-0.56		
7876.00	90.150	158.510	6952.27	730.97	-833.26	-173.57	1709169.34	14361424.97	39°32'51.5094"N	80°45'21.9876"W	851.14	191.767	2.89	-0.14	-2.88		



# Actual Wellpath Report

Peeler Unit 1H AWP Proj: 18515'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 1H
Field	Wetzel	API	47-103-03409-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 1H AWB
Slot	Slot #06		

WELLPATH DATA (204 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
7971.00	90.370	158.700	6951.84	825.89	-921.71	-138.91	1709203.98	14361336.56	39°32'50.6343"N	80°45'21.5482"W	932.12	188.571	0.31	0.23	0.20	
8065.00	90.030	157.850	6951.51	919.79	-1009.03	-104.12	1709238.76	14361249.27	39°32'49.7703"N	80°45'21.1071"W	1014.39	185.891	0.97	-0.36	-0.90	
8160.00	90.250	158.780	6951.28	1014.68	-1097.31	-69.02	1709273.85	14361161.03	39°32'48.8970"N	80°45'20.6621"W	1099.47	183.599	1.01	0.23	0.98	
8255.00	90.490	158.990	6950.67	1109.62	-1185.93	-34.80	1709308.06	14361072.44	39°32'48.0202"N	80°45'20.2283"W	1186.44	181.681	0.34	0.25	0.22	
8350.00	90.250	158.160	6950.05	1204.54	-1274.36	-0.09	1709342.75	14360984.05	39°32'47.1453"N	80°45'19.7884"W	1274.36	180.004	0.91	-0.25	-0.87	
8444.00	90.770	158.550	6949.22	1298.43	-1361.73	34.58	1709377.40	14360896.71	39°32'46.2808"N	80°45'19.3488"W	1362.16	178.545	0.69	0.55	0.41	
8539.00	90.400	160.760	6948.24	1393.40	-1450.79	67.60	1709410.41	14360807.69	39°32'45.3997"N	80°45'18.9304"W	1452.36	177.332	2.36	-0.39	2.33	
8634.00	90.460	159.310	6947.53	1488.38	-1540.07	100.04	1709442.84	14360718.44	39°32'44.5164"N	80°45'18.5194"W	1543.32	176.284	1.53	0.06	-1.53	
8729.00	90.000	158.620	6947.15	1583.32	-1628.74	134.14	1709476.92	14360629.80	39°32'43.6392"N	80°45'18.0872"W	1634.26	175.292	0.87	-0.48	-0.73	
8823.00	90.120	161.450	6947.05	1677.30	-1717.08	166.23	1709509.00	14360541.50	39°32'42.7652"N	80°45'17.6806"W	1725.11	174.471	3.01	0.13	3.01	
8918.00	90.220	163.580	6946.77	1772.26	-1807.69	194.77	1709537.53	14360450.93	39°32'41.8690"N	80°45'17.3195"W	1818.15	173.850	2.24	0.11	2.24	
9012.00	89.750	161.250	6946.79	1866.22	-1897.29	223.17	1709565.92	14360361.36	39°32'40.9827"N	80°45'16.9601"W	1910.37	173.291	2.53	-0.50	-2.48	
9107.00	90.250	163.010	6946.79	1961.20	-1987.70	252.32	1709595.06	14360270.99	39°32'40.0883"N	80°45'16.5911"W	2003.65	172.766	1.93	0.53	1.85	
9202.00	89.820	166.390	6946.74	2055.98	-2079.32	277.38	1709620.11	14360179.40	39°32'39.1821"N	80°45'16.2744"W	2097.74	172.402	3.59	-0.45	3.56	
9297.00	90.030	163.040	6946.86	2150.76	-2170.95	302.42	1709645.14	14360087.81	39°32'38.2759"N	80°45'15.9579"W	2191.91	172.070	3.53	0.22	-3.53	
9391.00	89.780	162.780	6947.02	2244.71	-2260.80	330.05	1709672.75	14359998.00	39°32'37.3871"N	80°45'15.6085"W	2284.76	171.694	0.38	-0.27	-0.28	
9486.00	90.490	163.230	6946.79	2339.65	-2351.65	357.81	1709700.51	14359907.18	39°32'36.4885"N	80°45'15.2572"W	2378.71	171.349	0.88	0.75	0.47	
9580.00	90.000	161.900	6946.39	2433.60	-2441.33	385.98	1709728.66	14359817.54	39°32'35.6014"N	80°45'14.9008"W	2471.65	171.016	1.51	-0.52	-1.41	
9675.00	89.850	163.300	6946.52	2528.56	-2531.98	414.38	1709757.06	14359726.93	39°32'34.7047"N	80°45'14.5414"W	2565.66	170.705	1.48	-0.16	1.47	
9769.00	89.750	163.530	6946.84	2622.48	-2622.07	441.22	1709783.88	14359636.87	39°32'33.8136"N	80°45'14.2020"W	2658.93	170.448	0.27	-0.11	0.24	
9864.00	89.630	163.020	6947.36	2717.40	-2713.05	468.55	1709811.21	14359545.93	39°32'32.9137"N	80°45'13.8562"W	2753.21	170.201	0.55	-0.13	-0.54	
9959.00	89.910	163.120	6947.74	2812.33	-2803.93	496.22	1709838.86	14359455.08	39°32'32.0148"N	80°45'13.5063"W	2847.50	169.964	0.31	0.29	0.11	
10053.00	89.780	163.580	6947.99	2906.25	-2893.99	523.15	1709865.78	14359365.06	39°32'31.1240"N	80°45'13.1656"W	2940.89	169.753	0.51	-0.14	0.49	
10148.00	89.570	163.030	6948.53	3001.16	-2984.98	550.44	1709893.06	14359274.10	39°32'30.2239"N	80°45'12.8205"W	3035.31	169.552	0.62	-0.22	-0.58	
10242.00	89.690	162.540	6949.14	3095.11	-3074.77	578.26	1709920.87	14359184.35	39°32'29.3358"N	80°45'12.4685"W	3128.67	169.349	0.54	0.13	-0.52	
10337.00	89.630	161.270	6949.70	3190.10	-3165.06	607.77	1709950.37	14359094.09	39°32'28.4425"N	80°45'12.0951"W	3222.89	169.130	1.34	-0.06	-1.34	
10432.00	89.510	161.490	6950.42	3285.09	-3255.09	638.10	1709980.68	14359004.10	39°32'27.5520"N	80°45'11.7111"W	3317.04	168.909	0.26	-0.13	0.23	
10527.00	89.600	161.410	6951.15	3380.09	-3345.15	668.32	1710010.89	14358914.08	39°32'26.6611"N	80°45'11.3285"W	3411.26	168.702	0.13	0.09	-0.08	
10621.00	89.660	161.560	6951.76	3474.08	-3434.28	698.17	1710040.73	14358824.98	39°32'25.7793"N	80°45'10.9506"W	3504.53	168.509	0.17	0.06	0.16	
10716.00	90.090	162.870	6951.97	3569.05	-3524.74	727.19	1710069.74	14358734.56	39°32'24.8845"N	80°45'10.5834"W	3598.97	168.343	1.45	0.45	1.38	



# Actual Wellpath Report

Peeler Unit 1H AWP Proj: 18515'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 1H
Field	Wetzel	API	47-103-03409-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 1H AWB
Slot	Slot #06		

WELLPATH DATA (204 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
10811.00	89.540	161.670	6952.27	3664.03	-3615.23	756.12	1710098.66	14358544.11	39°32'23.9895"N	80°45'10.2173"W	3693.45	168.187	1.39	-0.58	-1.26	
10905.00	89.880	159.820	6952.75	3758.02	-3703.96	787.11	1710129.64	14358555.41	39°32'23.1116"N	80°45'9.8247"W	3786.67	168.003	2.00	0.36	-1.97	
11000.00	89.350	159.360	6953.39	3852.99	-3793.00	820.24	1710162.76	14358466.41	39°32'22.2308"N	80°45'9.4050"W	3880.67	167.798	0.74	-0.56	-0.48	
11095.00	89.600	159.510	6954.26	3947.95	-3881.94	853.61	1710196.11	14358377.50	39°32'21.3508"N	80°45'8.9822"W	3974.68	167.598	0.31	0.26	0.16	
11190.00	89.720	159.740	6954.82	4042.93	-3970.99	886.69	1710229.17	14358288.48	39°32'20.4698"N	80°45'8.5632"W	4068.78	167.413	0.27	0.13	0.24	
11284.00	89.540	159.250	6955.43	4136.89	-4059.03	919.61	1710262.09	14358200.47	39°32'19.5987"N	80°45'8.1460"W	4161.90	167.235	0.56	-0.19	-0.52	
11379.00	89.320	160.070	6956.38	4231.86	-4148.11	952.63	1710295.09	14358111.44	39°32'18.7175"N	80°45'7.7277"W	4256.09	167.066	0.89	-0.23	0.86	
11474.00	89.420	159.410	6957.42	4326.84	-4237.22	985.53	1710327.97	14358022.36	39°32'17.8359"N	80°45'7.3110"W	4350.32	166.907	0.70	0.11	-0.69	
11569.00	89.450	159.540	6958.36	4421.80	-4326.19	1018.83	1710361.27	14357933.43	39°32'16.9557"N	80°45'6.8890"W	4444.54	166.748	0.14	0.03	0.14	
11663.00	89.420	159.470	6959.28	4515.77	-4414.23	1051.74	1710394.17	14357845.42	39°32'16.0846"N	80°45'6.4720"W	4537.80	166.598	0.08	-0.03	-0.07	
11758.00	89.510	159.270	6960.17	4610.73	-4503.14	1085.21	1710427.62	14357756.55	39°32'15.2050"N	80°45'6.0479"W	4632.05	166.451	0.23	0.09	-0.21	
11852.00	89.480	159.190	6961.00	4704.68	-4591.03	1118.55	1710460.94	14357668.70	39°32'14.3355"N	80°45'5.6256"W	4725.32	166.307	0.09	-0.03	-0.09	
11947.00	89.320	159.360	6961.99	4799.63	-4679.87	1152.16	1710494.55	14357579.88	39°32'13.4565"N	80°45'5.1997"W	4819.61	166.169	0.25	-0.17	0.18	
12041.00	89.380	159.300	6963.06	4893.59	-4767.82	1185.34	1710527.71	14357491.97	39°32'12.5864"N	80°45'4.7793"W	4912.95	166.039	0.09	0.06	-0.06	
12136.00	89.320	158.890	6964.14	4988.53	-4856.56	1219.24	1710561.59	14357403.27	39°32'11.7085"N	80°45'4.3498"W	5007.26	165.907	0.44	-0.06	-0.43	
12231.00	89.850	160.230	6964.83	5083.50	-4945.57	1252.41	1710594.75	14357314.29	39°32'10.8278"N	80°45'3.9295"W	5101.69	165.789	1.52	0.56	1.41	
12325.00	89.200	158.480	6965.61	5177.46	-5033.53	1285.55	1710627.88	14357226.37	39°32'9.9576"N	80°45'3.5097"W	5195.10	165.673	1.99	-0.69	-1.86	
12420.00	89.170	158.460	6966.96	5272.36	-5121.89	1320.41	1710662.73	14357138.04	39°32'9.0833"N	80°45'3.0678"W	5289.35	165.544	0.04	-0.03	-0.02	
12515.00	89.320	159.540	6968.21	5367.29	-5210.57	1354.45	1710696.76	14357049.40	39°32'8.2059"N	80°45'2.6365"W	5383.73	165.429	1.15	0.16	1.14	
12609.00	89.290	159.110	6969.35	5461.25	-5298.51	1387.64	1710729.93	14356961.49	39°32'7.3359"N	80°45'2.2160"W	5477.20	165.324	0.46	-0.03	-0.46	
12704.00	89.020	157.870	6970.75	5556.15	-5386.88	1422.47	1710764.74	14356873.15	39°32'6.4615"N	80°45'1.7747"W	5571.53	165.208	1.34	-0.28	-1.31	
12799.00	89.200	158.190	6972.23	5651.01	-5474.97	1458.00	1710800.27	14356785.10	39°32'5.5900"N	80°45'1.3242"W	5665.78	165.088	0.39	0.19	0.34	
12894.00	89.420	159.240	6973.37	5745.93	-5563.49	1492.49	1710834.73	14356696.62	39°32'4.7142"N	80°45'0.8872"W	5760.20	164.983	1.13	0.23	1.11	
12988.00	89.290	161.280	6974.43	5839.92	-5651.95	1524.23	1710866.47	14356608.19	39°32'3.8390"N	80°45'0.4852"W	5853.87	164.907	2.17	-0.14	2.17	
13083.00	89.380	160.980	6975.53	5934.91	-5741.84	1554.95	1710897.18	14356518.34	39°32'2.9498"N	80°45'0.0963"W	5948.66	164.847	0.33	0.09	-0.32	
13177.00	89.540	162.240	6976.42	6028.90	-5831.03	1584.61	1710926.82	14356429.18	39°32'2.0675"N	80°44'59.7210"W	6042.51	164.797	1.35	0.17	1.34	
13272.00	89.380	159.720	6977.31	6123.88	-5920.83	1615.56	1710957.76	14356339.41	39°32'1.1791"N	80°44'59.3291"W	6137.29	164.738	2.66	-0.17	-2.65	
13367.00	89.350	161.690	6978.36	6218.87	-6010.49	1646.95	1710989.14	14356249.79	39°32'0.2921"N	80°44'58.9317"W	6232.05	164.676	2.07	-0.03	2.07	
13461.00	89.230	161.770	6979.53	6312.86	-6099.74	1676.42	1711018.59	14356160.58	39°31'59.4092"N	80°44'58.5587"W	6325.92	164.633	0.15	-0.13	0.09	
13556.00	89.320	161.690	6980.73	6407.84	-6189.95	1706.20	1711048.36	14356070.41	39°31'58.5169"N	80°44'58.1819"W	6420.79	164.590	0.13	0.09	-0.08	



# Actual Wellpath Report

Peeler Unit 1H AWP Proj: 18515'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 1H
Field	Wetzel	API	47-103-03409-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 1H AWB
Slot	Slot #06		

WELLPATH DATA (204 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]	
13651.00	89.380	162.260	6981.81	6502.82	-6280.28	1735.59	1711077.74	14355980.11	39°31'57.6233"N	80°44'57.8099"W	6515.69	164.552	0.60	0.06	0.60	
13745.00	89.820	163.100	6982.47	6596.77	-6370.01	1763.58	1711105.72	14355890.41	39°31'56.7356"N	80°44'57.4560"W	6609.63	164.525	1.01	0.47	0.89	
13840.00	89.480	163.020	6983.05	6691.71	-6460.89	1791.25	1711133.38	14355799.57	39°31'55.8367"N	80°44'57.1060"W	6704.60	164.504	0.37	-0.36	-0.08	
13935.00	89.450	162.630	6983.93	6786.65	-6551.65	1819.31	1711161.42	14355708.85	39°31'54.9390"N	80°44'56.7512"W	6799.56	164.481	0.41	-0.03	-0.41	
14029.00	89.660	162.940	6984.66	6880.60	-6641.43	1847.13	1711189.23	14355619.10	39°31'54.0508"N	80°44'56.3993"W	6893.51	164.458	0.40	0.22	0.33	
14124.00	89.510	162.660	6985.35	6975.55	-6732.18	1875.22	1711217.31	14355528.39	39°31'53.1531"N	80°44'56.0440"W	6988.47	164.435	0.33	-0.16	-0.29	
14219.00	89.510	162.540	6986.16	7070.50	-6822.83	1903.62	1711245.71	14355437.77	39°31'52.2564"N	80°44'55.6847"W	7083.42	164.410	0.13	0.00	-0.13	
14313.00	89.630	162.280	6986.87	7164.47	-6912.44	1932.03	1711274.10	14355348.21	39°31'51.3701"N	80°44'55.3254"W	7177.36	164.384	0.30	0.13	-0.28	
14408.00	89.420	162.710	6987.66	7259.43	-7003.03	1960.61	1711302.67	14355257.64	39°31'50.4739"N	80°44'54.9639"W	7272.31	164.360	0.50	-0.22	0.45	
14503.00	89.600	162.540	6988.47	7354.39	-7093.69	1988.97	1711331.02	14355167.02	39°31'49.5771"N	80°44'54.6051"W	7367.26	164.337	0.26	0.19	-0.18	
14597.00	89.480	161.030	6989.22	7448.37	-7182.98	2018.35	1711360.39	14355077.77	39°31'48.6939"N	80°44'54.2333"W	7461.16	164.305	1.61	-0.13	-1.61	
14692.00	89.570	162.930	6990.01	7543.35	-7273.31	2047.74	1711389.77	14354987.47	39°31'47.8003"N	80°44'53.8615"W	7556.08	164.276	2.00	0.09	2.00	
14787.00	89.600	163.710	6990.70	7638.27	-7364.31	2075.01	1711417.02	14354896.51	39°31'46.9001"N	80°44'53.5168"W	7651.06	164.264	0.82	0.03	0.82	
14882.00	89.570	163.320	6991.39	7733.17	-7455.40	2101.96	1711443.97	14354805.45	39°31'45.9991"N	80°44'53.1760"W	7746.05	164.255	0.41	-0.03	-0.41	
14976.00	89.690	162.800	6991.99	7827.10	-7545.32	2129.35	1711471.35	14354715.57	39°31'45.1097"N	80°44'52.8297"W	7840.03	164.241	0.57	0.13	-0.55	
15071.00	89.600	163.630	6992.58	7922.03	-7636.27	2156.79	1711498.77	14354624.66	39°31'44.2100"N	80°44'52.4829"W	7935.01	164.228	0.88	-0.09	0.87	
15165.00	89.350	162.550	6993.44	8015.95	-7726.20	2184.13	1711526.10	14354534.76	39°31'43.3204"N	80°44'52.1372"W	8028.99	164.215	1.18	-0.27	-1.15	
15260.00	89.540	162.290	6994.36	8110.92	-7816.76	2212.82	1711554.78	14354444.24	39°31'42.4246"N	80°44'51.7742"W	8123.94	164.194	0.34	0.20	-0.27	
15355.00	89.420	162.300	6995.23	8205.89	-7907.26	2241.71	1711583.66	14354353.78	39°31'41.5294"N	80°44'51.4088"W	8218.88	164.172	0.13	-0.13	0.01	
15449.00	89.780	162.120	6995.88	8299.86	-7996.76	2270.43	1711612.37	14354264.31	39°31'40.6441"N	80°44'51.0455"W	8312.82	164.150	0.43	0.38	-0.19	
15544.00	89.200	160.000	6996.73	8394.85	-8086.61	2301.26	1711643.19	14354174.50	39°31'39.7552"N	80°44'50.6552"W	8407.68	164.115	2.31	-0.61	-2.23	
15639.00	89.480	160.490	6997.82	8489.84	-8176.01	2333.37	1711675.28	14354085.13	39°31'38.8707"N	80°44'50.2487"W	8502.46	164.072	0.59	0.29	0.52	
15734.00	89.450	160.280	6998.71	8584.83	-8265.49	2365.26	1711707.16	14353995.68	39°31'37.9855"N	80°44'49.8449"W	8597.26	164.031	0.22	-0.03	-0.22	
15828.00	89.260	160.160	6999.77	8678.82	-8353.94	2397.06	1711738.95	14353907.27	39°31'37.1104"N	80°44'49.4422"W	8691.05	163.990	0.24	-0.20	-0.13	
15923.00	89.480	160.470	7000.81	8773.81	-8443.39	2429.06	1711770.94	14353817.86	39°31'36.2255"N	80°44'49.0370"W	8785.85	163.950	0.40	0.23	0.33	
16018.00	89.570	160.880	7001.60	8868.80	-8533.03	2460.50	1711802.36	14353728.25	39°31'35.3387"N	80°44'48.6390"W	8880.69	163.915	0.44	0.09	0.43	
16112.00	89.380	160.180	7002.46	8962.79	-8621.65	2491.83	1711833.68	14353639.67	39°31'34.4620"N	80°44'48.2424"W	8974.52	163.880	0.77	-0.20	-0.74	
16207.00	89.320	160.500	7003.54	9057.78	-8711.11	2523.79	1711865.63	14353550.25	39°31'33.5770"N	80°44'47.8378"W	9069.34	163.843	0.34	-0.06	0.34	
16302.00	89.510	160.810	7004.51	9152.78	-8800.74	2555.26	1711897.08	14353460.65	39°31'32.6902"N	80°44'47.4394"W	9164.19	163.810	0.38	0.20	0.33	
16396.00	89.540	160.570	7005.29	9246.77	-8889.45	2586.34	1711928.15	14353371.98	39°31'31.8126"N	80°44'47.0459"W	9258.05	163.778	0.26	0.03	-0.26	





# Actual Wellpath Report

Peeler Unit 1H AWP Proj: 18515'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 1H
Field	Wetzel	API	47-103-03409-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 1H AWB
Slot	Slot #06		

WELLPATH DATA (204 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]	
16491.00	89.420	160.290	7006.15	9341.76	-8978.95	2618.16	1711959.96	14353282.51	39°31'30.9271"N	80°44'46.6431"W	9352.88	163.744	0.32	-0.13	-0.29	
16586.00	89.350	160.460	7007.17	9436.75	-9068.43	2650.06	1711991.85	14353193.06	39°31'30.0419"N	80°44'46.2392"W	9447.71	163.710	0.19	-0.07	0.18	
16680.00	89.320	160.220	7008.26	9530.74	-9156.95	2681.69	1712023.46	14353104.59	39°31'29.1662"N	80°44'45.8388"W	9541.55	163.677	0.26	-0.03	-0.26	
16775.00	89.540	160.750	7009.21	9625.73	-9246.48	2713.42	1712055.18	14353015.08	39°31'28.2804"N	80°44'45.4371"W	9636.39	163.645	0.60	0.23	0.56	
16869.00	89.600	160.310	7009.91	9719.73	-9335.11	2744.75	1712086.50	14352926.50	39°31'27.4036"N	80°44'45.0405"W	9730.25	163.615	0.47	0.06	-0.47	
16964.00	89.170	160.820	7010.93	9814.72	-9424.69	2776.36	1712118.10	14352836.95	39°31'26.5174"N	80°44'44.6403"W	9825.11	163.586	0.70	-0.45	0.54	
17059.00	89.020	160.320	7012.43	9909.71	-9514.26	2807.96	1712149.68	14352747.41	39°31'25.6312"N	80°44'44.2403"W	9919.97	163.557	0.55	-0.16	-0.53	
17154.00	89.230	160.700	7013.88	10004.69	-9603.81	2839.65	1712181.36	14352657.90	39°31'24.7453"N	80°44'43.8391"W	10014.83	163.528	0.46	0.22	0.40	
17248.00	89.080	160.610	7015.27	10098.68	-9692.49	2870.78	1712212.49	14352569.25	39°31'23.8680"N	80°44'43.4450"W	10108.70	163.501	0.19	-0.16	-0.10	
17343.00	89.290	160.560	7016.62	10193.67	-9782.08	2902.36	1712244.05	14352479.70	39°31'22.9816"N	80°44'43.0453"W	10203.57	163.474	0.23	0.22	-0.05	
17437.00	89.320	160.650	7017.76	10287.66	-9870.74	2933.57	1712275.25	14352391.07	39°31'22.1045"N	80°44'42.6502"W	10297.45	163.448	0.10	0.03	0.10	
17532.00	89.510	160.630	7018.73	10382.65	-9960.37	2965.06	1712306.73	14352301.48	39°31'21.2179"N	80°44'42.2516"W	10392.33	163.422	0.20	0.20	-0.02	
17627.00	89.260	160.900	7019.75	10477.65	-10050.06	2996.36	1712338.01	14352211.83	39°31'20.3306"N	80°44'41.8555"W	10487.22	163.398	0.39	-0.26	0.28	
17722.00	89.320	161.000	7020.93	10572.64	-10139.85	3027.36	1712369.00	14352122.07	39°31'19.4423"N	80°44'41.4631"W	10582.13	163.376	0.12	0.06	0.11	
17816.00	89.510	160.740	7021.89	10666.63	-10228.65	3058.17	1712399.79	14352033.31	39°31'18.5637"N	80°44'41.0732"W	10676.03	163.354	0.34	0.20	-0.28	
17911.00	89.140	160.970	7023.01	10761.63	-10318.39	3089.32	1712430.94	14351943.60	39°31'17.6759"N	80°44'40.6789"W	10770.94	163.332	0.46	-0.39	0.24	
18005.00	89.230	160.890	7024.34	10855.62	-10407.22	3120.03	1712461.63	14351854.80	39°31'16.7971"N	80°44'40.2903"W	10864.85	163.312	0.13	0.10	-0.09	
18100.00	89.480	160.800	7025.41	10950.61	-10496.96	3151.20	1712492.79	14351765.11	39°31'15.9094"N	80°44'39.8958"W	10959.75	163.290	0.28	0.26	-0.09	
18194.00	89.510	161.110	7026.24	11044.61	-10585.81	3181.87	1712523.45	14351676.29	39°31'15.0304"N	80°44'39.5076"W	11053.67	163.270	0.33	0.03	0.33	
18289.00	89.600	160.890	7026.98	11139.61	-10675.63	3212.80	1712554.37	14351586.50	39°31'14.1418"N	80°44'39.1162"W	11148.59	163.251	0.25	0.09	-0.23	
18384.00	89.230	160.760	7027.95	11234.60	-10765.35	3244.00	1712585.55	14351496.81	39°31'13.2541"N	80°44'38.7213"W	11243.50	163.230	0.41	-0.39	-0.14	
18478.00	89.540	160.930	7028.96	11328.59	-10854.14	3274.84	1712616.38	14351408.06	39°31'12.3757"N	80°44'38.3310"W	11337.42	163.211	0.38	0.33	0.18	
18492.00	89.480	160.760	7029.08	11342.59	-10867.37	3279.44	1712620.98	14351394.84	39°31'12.2449"N	80°44'38.2729"W	11351.41	163.208	1.29	-0.43	-1.21	
18515.00‡	89.480	160.760	7029.29	11365.59	-10889.08	3287.02	1712628.55	14351373.13	39°31'12.0301"N	80°44'38.1769"W	11374.38	163.203	0.00	0.00	0.00	Projected MD at TD: 18515'



**Actual Wellpath Report**  
 Peeler Unit 1H AWP Proj: 18515'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 1H
Field	Wetzel	API	47-103-03409-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 1H AWB
Slot	Slot #06		

HOLE & CASING SECTIONS - Ref Wellbore: Peeler Unit 1H AWB Ref Wellpath: Peeler Unit 1H AWP Proj: 18515'										
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	0.20	0.06	
17.5in Open Hole	130.00	491.00	361.00	130.00	491.00	0.20	0.06	0.36	1.08	
13.375in Casing Surface	30.00	471.00	441.00	30.00	471.00	0.00	0.00	0.38	0.98	
12.25in Open Hole	491.00	2604.00	2113.00	491.00	2603.90	0.36	1.08	-11.80	1.38	
9.625in Casing Intermediate	30.00	2584.00	2554.00	30.00	2583.90	0.00	0.00	-12.11	1.49	
8.75in Open Hole	2604.00	6147.00	3543.00	2603.90	6113.24	-11.80	1.38	333.93	-322.35	
8.5in Open Hole	6147.00	18515.00	12368.00	6113.24	7029.29	333.93	-322.35	-10889.08	3287.02	
5.5in Casing Production	30.00	18515.00	18485.00	30.00	7029.29	0.00	0.00	-10889.08	3287.02	



# Actual Wellpath Report

Peeler Unit 1H AWP Proj: 18515'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 1H
Field	Wetzel	API	47-103-03409-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 1H AWB
Slot	Slot #06		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Peeler Unit 1H POE Plat	6934.00	-197.28	-390.39	1708952.60	14362060.70	39°32'57.8007"N	80°45'24.7335"W	point
Peeler Unit 1H POE Rev-2	6935.00	-170.91	-313.51	1709029.45	14362087.06	39°32'58.0593"N	80°45'23.7511"W	point
Peeler Unit 1H AZI Rev-2	6963.00	-751.14	-199.11	1709143.81	14361507.06	39°32'52.3217"N	80°45'22.3107"W	point
Peeler Unit 1H BHL Rev-2	6963.00	-10861.62	3292.66	1712634.19	14351400.59	39°31'12.3014"N	80°44'38.1040"W	point
Peeler Unit 1H LP Rev-2	6963.00	-367.64	-288.60	1709054.35	14361890.41	39°32'56.1143"N	80°45'23.4399"W	point
Peeler Unit 1H 50' L/R Hard Line	7250.00	-5804.70	1546.20	1710888.42	14356455.50	39°32'2.3287"N	80°45'0.2103"W	rectangle
	2D Rectangle 10700 x 100.							

WELLPATH COMPOSITION - Ref Wellbore: Peeler Unit 1H AWB    Ref Wellpath: Peeler Unit 1H AWP Proj: 18515'						
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date	
30.00	388.00	Gyrodata 2015 - GC+WIR+DPIPE	01 Gyrodata MS Gyro <17-1/2"> (100'-388')	Peeler Unit 1H AWB	27/Jul/2021	
388.00	2535.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (388')(509'-2535')	Peeler Unit 1H AWB	27/Jul/2021	
2535.00	6066.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (2535')(2656'-6066')	Peeler Unit 1H AWB	27/Aug/2021	
6066.00	18515.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (6066')(6173'-18492')	Peeler Unit 1H AWB	27/Aug/2021	



**Actual Wellpath Report**  
Peeler Unit 1H AWP Proj: 18515'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 1H
Field	Wetzel	API	47-103-03409-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 1H AWB
Slot	Slot #06		

COMMENTS
<p><b>Wellpath general comments</b> API: 47-103-03409-0000 BH Job #: 110972254 Rig: H&amp;P 519 Duration: 8/31/2021-9/4/2021 Gyrodatta MS Gyro &lt;17-1/2"&gt; (100'-388') APS EM &lt;12-1/4"&gt; (388')(509'-2535') APS EM &lt;8-3/4"&gt; (2535')(2656'-6066') BH AT Curve &lt;8-1/2"&gt; (6066')(6173'-18492') Sycamore: 6666' MD Middlesex: 6814' MD Burkett: 6956' MD Tully: 7004' MD Marcellus POE: 7191' MD Projected MD at TD: 18515'</p>