



ANTERO RESOURCES CORPORATION

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

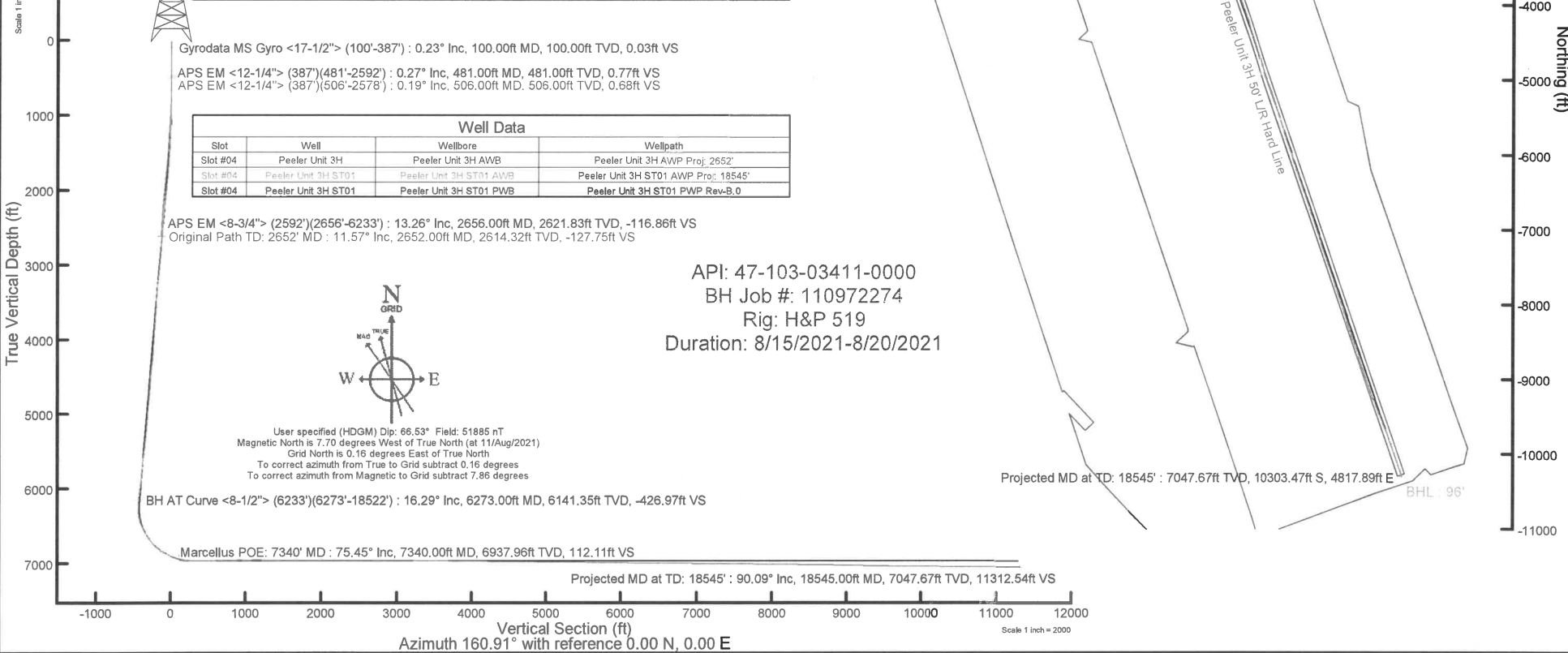
Slot: Slot #04
Well: Peeler Unit 3H ST01
Wellbore: Peeler Unit 3H ST01 PWB



Plot reference wellpath is Peeler Unit 3H ST01 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 #04): -1222 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: edsaryar 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 #04	-7.59	-38.92	1709372.260	14362263.640	39°32'59.7960"N
Comment	Peeler Unit 3H				30ft
H&P 519 (RKB) to Mud line (At Slot: Slot #04)					-1222ft
Mean Sea Level to Mud line (At Slot: Slot #04)					1252ft
H&P 519 (RKB) to Mean Sea Level					

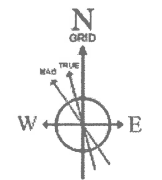
Well Profile Data								
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	387.00	0.320	90.240	387.00	-0.23	1.41	0.11	0.68
Dress Cmt.	506.00	0.190	35.970	506.00	-0.07	1.86	0.22	0.68
Sidetrack Point	556.00	0.829	55.385	555.99	0.20	2.21	1.31	0.53
Drop	576.73	0.000	49.344	576.72	0.28	2.33	4.00	0.49
KOP 1	876.73	0.000	49.344	876.72	0.28	2.33	0.00	0.49
End of Build	1519.20	12.849	49.344	1513.82	47.02	56.76	2.00	-25.88
Curve KOP	6326.14	12.849	49.344	6200.39	743.51	867.74	0.00	-418.82
POE	7313.21	73.926	160.908	6939.00	293.23	1152.73	8.00	99.90
Landing Pt.	7514.13	90.000	160.908	6967.00	105.83	1217.59	8.00	298.20
BHL	18503.60	90.000	160.908	6967.00	-10279.17	4812.04	0.00	11287.67



Gyrodata MS Gyro <17-1/2"> (100'-387') : 0.23° Inc, 100.00ft MD, 100.00ft TVD, 0.03ft VS
 APS EM <12-1/4"> (387')(481'-2592') : 0.27° Inc, 481.00ft MD, 481.00ft TVD, 0.77ft VS
 APS EM <12-1/4"> (387')(506'-2578') : 0.19° Inc, 506.00ft MD, 506.00ft TVD, 0.68ft VS

Well Data			
Slot	Well	Wellbore	Wellpath
Slot #04	Peeler Unit 3H	Peeler Unit 3H AWB	Peeler Unit 3H AWP Proj: 2652'
Slot #04	Peeler Unit 3H ST01	Peeler Unit 3H ST01 AWB	Peeler Unit 3H ST01 AWP Proj: 18545'
Slot #04	Peeler Unit 3H ST01	Peeler Unit 3H ST01 PWB	Peeler Unit 3H ST01 PWP Rev-B.0

APS EM <8-3/4"> (2592')(2656'-6233') : 13.26° Inc, 2656.00ft MD, 2621.83ft TVD, -116.86ft VS
 Original Path TD: 2652' MD: 11.57° Inc, 2652.00ft MD, 2614.32ft TVD, -127.75ft VS



User specified (HDGM) Dip: 66.53° Field: 51885 nT
 Magnetic North is 7.70 degrees West of True North (at 11/Aug/2021)
 Grid North is 0.16 degrees East of True North
 To correct azimuth from True to Grid subtract 0.16 degrees
 To correct azimuth from Magnetic to Grid subtract 7.86 degrees

BH AT Curve <8-1/2"> (6233')(6273'-18522') : 16.29° Inc, 6273.00ft MD, 6141.35ft TVD, -426.97ft VS

Marcellus POE: 7340' MD : 75.45° Inc, 7340.00ft MD, 6937.96ft TVD, 112.11ft VS

Vertical Section (ft)
Azimuth 160.91° with reference 0.00 N, 0.00 E



Actual Wellpath Report

Peeler Unit 3H ST01 AWP Proj: 18545'
Page 1 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 3H ST01
Field	Wetzel	API	47-103-03411-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 3H ST01 AWB
Slot	Slot #04	Sidetrack from	Peeler Unit 3H AWP Proj: 2652' at 387.00 MD

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 16:03
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	-7.59	-38.92	1709372.26	14362263.64	39°32'59.7960"N	80°45'19.3670"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 #04)	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	160.91°



Actual Wellpath Report

Peeler Unit 3H ST01 AWP Proj: 18545'

Page 2 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 3H ST01
Field	Wetzel	API	47-103-03411-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 3H ST01 AWB
Slot	Slot #04	Sidetrack from	Peeler Unit 3H AWP Proj: 2652' at 387.00 MD

WELLPATH DATA (208 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	0.00	85.280	0.00	0.00	0.00	0.00	1709372.26	14362263.64	39°32'59.7960"N	80°45'19.3670"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	85.280	30.00	0.00	0.00	0.00	1709372.26	14362263.64	39°32'59.7960"N	80°45'19.3670"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.230	85.280	100.00	0.03	0.01	0.14	1709372.40	14362263.65	39°32'59.7961"N	80°45'19.3653"W	0.14	85.280	0.33	0.33	0.00	Gyrodata MS Gyro <17-1/2"> (100'-387')
200.00	0.190	106.880	200.00	0.18	-0.02	0.50	1709372.76	14362263.62	39°32'59.7958"N	80°45'19.3607"W	0.50	92.304	0.09	-0.04	21.60	
300.00	0.330	107.510	300.00	0.45	-0.15	0.93	1709373.19	14362263.49	39°32'59.7944"N	80°45'19.3552"W	0.94	99.434	0.14	0.14	0.63	
387.00	0.320	90.240	387.00	0.68	-0.23	1.41	1709373.67	14362263.41	39°32'59.7937"N	80°45'19.3490"W	1.43	99.289	0.11	-0.01	-19.85	
481.00	0.270	72.560	481.00	0.77	-0.17	1.89	1709374.15	14362263.47	39°32'59.7943"N	80°45'19.3430"W	1.89	95.025	0.11	-0.05	-18.81	APS EM <12-1/4"> (387')(481'-2592')
506.00	0.130	48.910	506.00	0.77	-0.13	1.97	1709374.22	14362263.51	39°32'59.7947"N	80°45'19.3420"W	1.97	93.775	0.64	-0.56	-94.60	
596.00	1.600	252.050	595.98	0.70	-0.45	0.85	1709373.11	14362263.19	39°32'59.7915"N	80°45'19.3563"W	0.96	117.977	1.91	1.63	-174.29	
687.00	2.230	254.590	686.93	0.56	-1.31	-2.07	1709370.19	14362262.33	39°32'59.7831"N	80°45'19.3935"W	2.45	237.619	0.70	0.69	2.79	
801.00	1.970	301.440	800.86	-1.09	-0.88	-5.88	1709366.38	14362262.76	39°32'59.7875"N	80°45'19.4421"W	5.94	261.495	1.48	-0.23	41.10	
868.00	0.240	20.920	867.85	-2.09	-0.15	-6.81	1709365.45	14362263.49	39°32'59.7947"N	80°45'19.4540"W	6.81	268.761	2.90	-2.58	118.63	
959.00	2.360	60.300	958.82	-2.58	0.96	-5.12	1709367.15	14362264.60	39°32'59.8056"N	80°45'19.4323"W	5.20	280.620	2.40	2.33	43.27	
1049.00	3.870	55.940	1048.69	-3.71	3.58	-0.99	1709371.27	14362267.22	39°32'59.8314"N	80°45'19.3796"W	3.71	344.541	1.70	1.68	-4.84	
1144.00	5.380	56.990	1143.38	-5.60	7.80	5.40	1709377.66	14362271.44	39°32'59.8729"N	80°45'19.2978"W	9.49	34.700	1.59	1.59	1.11	
1238.00	7.160	58.220	1236.81	-7.95	13.29	14.08	1709386.33	14362276.92	39°32'59.9269"N	80°45'19.1869"W	19.36	46.655	1.90	1.89	1.31	
1333.00	8.940	58.030	1330.87	-10.90	20.31	25.37	1709397.62	14362283.95	39°32'59.9961"N	80°45'19.0424"W	32.50	51.319	1.87	1.87	-0.20	
1427.00	10.410	53.520	1423.53	-15.06	29.23	38.40	1709410.64	14362292.86	39°33'0.0839"N	80°45'18.8758"W	48.26	52.720	1.76	1.56	-4.80	
1522.00	11.210	53.410	1516.84	-20.41	39.84	52.71	1709424.95	14362303.46	39°33'0.1883"N	80°45'18.6927"W	66.07	52.920	0.84	0.84	-0.12	
1617.00	11.040	53.490	1610.06	-25.91	50.75	67.44	1709439.67	14362314.37	39°33'0.2958"N	80°45'18.5044"W	84.40	53.035	0.18	-0.18	0.08	
1711.00	12.120	51.540	1702.15	-31.87	62.25	82.40	1709454.63	14362325.86	39°33'0.4090"N	80°45'18.3130"W	103.27	52.932	1.22	1.15	-2.07	
1806.00	13.620	48.770	1794.76	-39.40	75.82	98.62	1709470.84	14362339.43	39°33'0.5427"N	80°45'18.1054"W	124.40	52.446	1.71	1.58	-2.92	
1900.00	13.460	45.170	1886.15	-48.32	90.83	114.71	1709486.92	14362354.43	39°33'0.6906"N	80°45'17.8996"W	146.31	51.626	0.91	-0.17	-3.83	
1995.00	13.570	44.060	1978.52	-58.16	106.63	130.30	1709502.51	14362370.23	39°33'0.8464"N	80°45'17.7000"W	168.37	50.703	0.30	0.12	-1.17	
2089.00	12.940	41.250	2070.01	-68.35	122.47	144.91	1709517.11	14362386.06	39°33'1.0025"N	80°45'17.5129"W	189.73	49.796	0.96	-0.67	-2.99	
2184.00	12.870	39.680	2162.61	-79.09	138.61	158.68	1709530.87	14362402.20	39°33'1.1617"N	80°45'17.3366"W	210.69	48.861	0.38	-0.07	-1.65	
2279.00	13.320	43.830	2255.14	-89.56	154.65	173.01	1709545.20	14362418.23	39°33'1.3198"N	80°45'17.1531"W	232.05	48.207	1.10	0.47	4.37	
2373.00	13.540	50.650	2346.58	-98.30	169.44	189.02	1709561.20	14362433.01	39°33'1.4655"N	80°45'16.9482"W	253.85	48.126	1.70	0.23	7.26	
2468.00	13.560	56.410	2438.94	-104.94	182.65	206.90	1709579.07	14362446.22	39°33'1.5956"N	80°45'16.7195"W	275.99	48.561	1.42	0.02	6.06	
2563.00	13.430	55.460	2531.32	-110.67	195.07	225.26	1709597.43	14362458.63	39°33'1.7179"N	80°45'16.4846"W	297.98	49.108	0.27	-0.14	-1.00	



Actual Wellpath Report

Peeler Unit 3H ST01 AWP Proj: 18545'
Page 3 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 3H ST01
Field	Wetzel	API	47-103-03411-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 3H ST01 AWB
Slot	Slot #04	Sidetrack from	Peeler Unit 3H AWP Proj: 2652' at 387.00 MD

WELLPATH DATA (208 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]	
2592.00	13.230	54.720	2559.53	-112.49	198.90	230.74	1709602.91	14362462.46	39°33'1.7555"N	80°45'16.4145"W	304.64	49.240	0.91	-0.69	-2.55	
2656.00	13.260	52.410	2621.83	-116.86	207.60	242.54	1709614.70	14362471.16	39°33'1.8413"N	80°45'16.2636"W	319.26	49.438	0.83	0.05	-3.61	APS EM <8-3/4"> (2592')(2656'-6233')
2750.00	12.990	57.240	2713.38	-122.78	219.90	259.97	1709632.12	14362483.45	39°33'1.9623"N	80°45'16.0407"W	340.50	49.773	1.20	-0.29	5.14	
2845.00	14.530	55.770	2805.65	-128.42	232.38	278.80	1709650.95	14362495.93	39°33'2.0851"N	80°45'15.7998"W	362.94	50.189	1.66	1.62	-1.55	
2939.00	14.490	51.190	2896.66	-135.46	246.38	297.71	1709669.85	14362509.92	39°33'2.2230"N	80°45'15.5579"W	386.44	50.389	1.22	-0.04	-4.87	
3037.00	12.580	51.040	2991.93	-143.23	260.78	315.57	1709687.70	14362524.31	39°33'2.3648"N	80°45'15.3295"W	409.37	50.430	1.95	-1.95	-0.15	
3131.00	12.510	46.120	3083.69	-150.98	274.27	330.87	1709702.99	14362537.80	39°33'2.4978"N	80°45'15.1337"W	429.76	50.343	1.14	-0.07	-5.23	
3226.00	12.010	37.780	3176.53	-160.69	289.22	344.34	1709716.46	14362552.74	39°33'2.6451"N	80°45'14.9612"W	449.68	49.972	1.94	-0.53	-8.78	
3321.00	12.380	43.800	3269.39	-170.74	304.38	357.44	1709729.56	14362567.90	39°33'2.7946"N	80°45'14.7934"W	469.48	49.584	1.39	0.39	6.34	
3415.00	13.050	51.310	3361.09	-178.89	318.29	372.70	1709744.81	14362581.80	39°33'2.9317"N	80°45'14.5981"W	490.12	49.503	1.90	0.71	7.99	
3510.00	13.870	60.020	3453.49	-184.64	330.68	390.94	1709763.04	14362594.19	39°33'3.0537"N	80°45'14.3648"W	512.04	49.773	2.30	0.86	9.17	
3604.00	13.680	59.080	3544.79	-189.05	342.03	410.23	1709782.33	14362605.53	39°33'3.1653"N	80°45'14.1181"W	534.11	50.181	0.31	-0.20	-1.00	
3699.00	13.010	55.740	3637.22	-194.15	353.82	428.71	1709800.80	14362617.32	39°33'3.2813"N	80°45'13.8819"W	555.86	50.467	1.07	-0.71	-3.52	
3793.00	12.340	52.890	3728.93	-200.03	365.83	445.46	1709817.55	14362629.33	39°33'3.3996"N	80°45'13.6675"W	576.43	50.606	0.97	-0.71	-3.03	
3888.00	11.410	49.620	3821.90	-206.58	378.05	460.72	1709832.80	14362641.54	39°33'3.5199"N	80°45'13.4724"W	595.97	50.629	1.21	-0.98	-3.44	
3983.00	12.420	54.460	3914.85	-212.88	390.07	476.19	1709848.26	14362653.56	39°33'3.6384"N	80°45'13.2744"W	615.56	50.677	1.49	1.06	5.09	
4077.00	13.980	55.120	4006.37	-218.84	402.44	493.73	1709865.80	14362665.92	39°33'3.7601"N	80°45'13.0501"W	636.97	50.816	1.67	1.66	0.70	
4169.00	14.330	51.610	4095.57	-225.62	415.87	511.77	1709883.83	14362679.34	39°33'3.8923"N	80°45'12.8193"W	659.44	50.902	1.01	0.38	-3.82	
4267.00	13.310	48.510	4190.74	-233.93	430.88	529.73	1709901.78	14362694.34	39°33'4.0402"N	80°45'12.5895"W	682.84	50.876	1.29	-1.04	-3.16	
4361.00	12.510	43.430	4282.36	-242.75	445.44	544.83	1709916.88	14362708.90	39°33'4.1837"N	80°45'12.3962"W	703.75	50.732	1.48	-0.85	-5.40	
4456.00	11.650	38.080	4375.26	-252.70	460.46	557.82	1709929.86	14362723.92	39°33'4.3318"N	80°45'12.2298"W	723.32	50.462	1.49	-0.91	-5.63	
4551.00	11.260	43.670	4468.37	-262.15	474.72	570.14	1709942.18	14362738.17	39°33'4.4724"N	80°45'12.0721"W	741.91	50.218	1.24	-0.41	5.88	
4645.00	12.440	52.130	4560.37	-269.61	487.57	584.48	1709956.50	14362751.02	39°33'4.5990"N	80°45'11.8887"W	761.14	50.165	2.23	1.26	9.00	
4740.00	13.960	55.050	4652.86	-276.03	500.42	601.95	1709973.97	14362763.86	39°33'4.7255"N	80°45'11.6652"W	782.79	50.262	1.75	1.60	3.07	
4835.00	14.140	50.300	4745.02	-283.25	514.40	620.27	1709992.28	14362777.83	39°33'4.8632"N	80°45'11.4308"W	805.82	50.330	1.23	0.19	-5.00	
4929.00	12.830	45.180	4836.43	-291.82	529.09	636.51	1710008.51	14362792.52	39°33'5.0079"N	80°45'11.2230"W	827.69	50.265	1.88	-1.39	-5.45	
5024.00	12.180	48.680	4929.18	-300.19	543.14	651.52	1710023.52	14362806.57	39°33'5.1464"N	80°45'11.0309"W	848.22	50.183	1.05	-0.68	3.68	
5118.00	12.060	54.370	5021.09	-306.74	555.41	666.94	1710038.94	14362818.83	39°33'5.2673"N	80°45'10.8335"W	867.93	50.213	1.28	-0.13	6.05	
5213.00	12.450	51.420	5113.92	-312.98	567.58	683.02	1710055.01	14362830.99	39°33'5.3871"N	80°45'10.6279"W	888.06	50.274	0.78	0.41	-3.11	
5308.00	11.810	45.740	5206.81	-320.53	580.75	697.99	1710069.97	14362844.16	39°33'5.5168"N	80°45'10.4363"W	907.99	50.238	1.42	-0.67	-5.98	



Actual Wellpath Report

Peeler Unit 3H ST01 AWP Proj: 18545'

Page 4 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 3H ST01
Field	Wetzel	API	47-103-03411-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 3H ST01 AWB
Slot	Slot #04	Sidetrack from	Peeler Unit 3H AWP Proj: 2652' at 387.00 MD

WELLPATH DATA (208 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
5402.00	13.150	47.890	5298.58	-328.81	594.63	712.81	1710084.78	14362858.04	39°33'5.6537"N	80°45'10.2466"W	928.27	50.165	1.51	1.43	2.29	
5497.00	15.900	49.710	5390.54	-337.74	610.30	730.75	1710102.72	14362873.70	39°33'5.8080"N	80°45'10.0170"W	952.09	50.133	2.93	2.89	1.92	
5591.00	15.560	44.290	5481.02	-348.05	627.65	749.38	1710121.34	14362891.04	39°33'5.9790"N	80°45'9.7786"W	977.51	50.052	1.60	-0.36	-5.77	
5686.00	15.900	36.740	5572.48	-361.07	647.20	766.06	1710138.02	14362910.59	39°33'6.1718"N	80°45'9.5649"W	1002.86	49.808	2.18	0.36	-7.95	
5781.00	13.840	38.520	5664.29	-374.46	666.52	780.93	1710152.88	14362929.90	39°33'6.3623"N	80°45'9.3745"W	1026.69	49.519	2.22	-2.17	1.87	
5875.00	13.460	45.350	5755.64	-385.21	683.01	795.71	1710167.66	14362946.38	39°33'6.5248"N	80°45'9.1851"W	1048.65	49.358	1.76	-0.40	7.27	
5970.00	13.280	49.850	5848.07	-393.90	697.81	811.92	1710183.86	14362961.18	39°33'6.6707"N	80°45'8.9777"W	1070.59	49.322	1.11	-0.19	4.74	
6065.00	14.190	43.900	5940.35	-403.11	713.24	828.33	1710200.27	14362976.60	39°33'6.8227"N	80°45'8.7676"W	1093.09	49.270	1.77	0.96	-6.26	
6159.00	14.710	45.060	6031.38	-413.54	729.97	844.77	1710216.70	14362993.32	39°33'6.9877"N	80°45'8.5572"W	1116.47	49.169	0.63	0.55	1.23	
6233.00	15.280	44.650	6102.86	-421.96	743.55	858.27	1710230.19	14363006.89	39°33'7.1214"N	80°45'8.3843"W	1135.56	49.097	0.78	0.77	-0.55	
6273.00	16.290	42.290	6141.35	-426.97	751.45	865.75	1710237.67	14363014.79	39°33'7.1993"N	80°45'8.2886"W	1146.39	49.043	2.99	2.52	-5.90	BH AT Curve <8-1/2"> (6233')(6273'-18522')
6361.00	13.180	56.160	6226.47	-435.45	766.17	882.40	1710254.31	14363029.51	39°33'7.3444"N	80°45'8.0755"W	1168.61	49.033	5.32	-3.53	15.76	
6456.00	12.630	99.880	6319.29	-433.17	770.43	901.67	1710273.58	14363033.77	39°33'7.3860"N	80°45'7.8294"W	1185.99	49.488	10.06	-0.58	46.02	
6551.00	15.770	142.140	6411.61	-415.86	758.42	919.88	1710291.77	14363021.76	39°33'7.2668"N	80°45'7.5973"W	1192.22	50.495	11.12	3.31	44.48	
6645.00	22.470	154.760	6500.41	-385.86	732.05	935.40	1710307.29	14362995.40	39°33'7.0057"N	80°45'7.4001"W	1187.80	51.953	8.34	7.13	13.43	
6740.00	30.030	146.280	6585.59	-344.74	695.79	956.38	1710328.26	14362959.15	39°33'6.6468"N	80°45'7.1336"W	1182.70	53.963	8.87	7.96	-8.93	
6780.00†	33.012	143.647	6619.68	-324.64	678.68	968.40	1710340.27	14362942.05	39°33'6.4774"N	80°45'6.9808"W	1182.54	54.976	8.21	7.45	-6.58	Sycamore: 6780' MD
6834.00	37.110	140.700	6663.88	-295.29	654.22	987.44	1710359.31	14362917.60	39°33'6.2351"N	80°45'6.7385"W	1184.50	56.474	8.21	7.59	-5.46	
6929.00	44.090	143.400	6735.97	-236.80	605.44	1025.35	1710397.20	14362868.84	39°33'5.7520"N	80°45'6.2563"W	1190.76	59.439	7.58	7.35	2.84	
6937.00†	44.714	144.005	6741.68	-231.46	600.93	1028.66	1710400.52	14362864.33	39°33'5.7073"N	80°45'6.2141"W	1191.33	59.707	9.43	7.80	7.56	Middlesex: 6937' MD
7024.00	51.680	149.830	6799.67	-168.57	546.57	1063.86	1710435.70	14362810.00	39°33'5.1691"N	80°45'5.7667"W	1196.05	62.808	9.43	8.01	6.70	
7093.00†	57.135	154.381	6839.82	-113.16	496.99	1090.02	1710461.85	14362760.43	39°33'4.6783"N	80°45'5.4344"W	1197.98	65.490	9.55	7.91	6.60	Burkett: 7093' MD
7118.00	59.150	155.890	6853.02	-92.04	477.72	1098.95	1710470.77	14362741.17	39°33'4.4877"N	80°45'5.3212"W	1198.29	66.505	9.55	8.06	6.03	
7153.00†	61.676	158.128	6870.30	-61.67	449.71	1110.83	1710482.65	14362713.17	39°33'4.2105"N	80°45'5.1705"W	1198.41	67.960	9.11	7.22	6.39	Tully: 7153' MD
7212.00	66.010	161.670	6896.31	-8.75	399.99	1128.99	1710500.80	14362663.47	39°33'3.7186"N	80°45'4.9404"W	1197.75	70.491	9.11	7.35	6.00	
7259.00	69.900	161.830	6913.95	34.80	358.62	1142.63	1710514.44	14362622.12	39°33'3.3094"N	80°45'4.7677"W	1197.59	72.575	8.28	8.28	0.34	
7307.00	73.330	161.750	6929.09	80.34	315.36	1156.86	1710528.67	14362578.87	39°33'2.8814"N	80°45'4.5876"W	1199.08	74.752	7.15	7.15	-0.17	
7340.00†	75.455	162.330	6937.96	112.11	285.13	1166.66	1710538.46	14362548.65	39°33'2.5824"N	80°45'4.4636"W	1201.00	76.266	6.66	6.44	1.76	Marcellus POE: 7340' MD
7402.00	79.450	163.390	6951.43	172.59	227.31	1184.49	1710556.28	14362490.86	39°33'2.0104"N	80°45'4.2380"W	1206.10	79.137	6.66	6.44	1.71	
7496.00	86.740	160.700	6962.73	265.81	138.81	1213.25	1710585.03	14362402.19	39°33'1.1330"N	80°45'3.8740"W	1221.14	83.483	8.26	7.76	-2.86	



Actual Wellpath Report

Peeler Unit 3H ST01 AWP Proj: 18545'
Page 5 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 3H ST01
Field	Wetzel	API	47-103-03411-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 3H ST01 AWB
Slot	Slot #04	Sidetrack from	Peeler Unit 3H AWP Proj: 2652' at 387.00 MD

WELLPATH DATA (208 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
7591.00	90.460	160.210	6965.05	360.77	49.12	1245.02	1710616.79	14362312.74	39°33'0.2477"N	80°45'3.4716"W	1245.99	87.741	3.95	3.92	-0.52	
7685.00	90.770	161.120	6964.04	454.76	-39.57	1276.14	1710647.89	14362224.09	39°32'59.3703"N	80°45'3.0775"W	1276.75	91.776	1.02	0.33	0.97	
7780.00	91.080	160.490	6962.50	549.75	-129.28	1307.37	1710679.11	14362134.42	39°32'58.4829"N	80°45'2.6820"W	1313.75	95.647	0.74	0.33	-0.66	
7875.00	91.320	158.920	6960.51	644.70	-218.36	1340.31	1710712.04	14362045.37	39°32'57.6016"N	80°45'2.2646"W	1357.98	99.253	1.67	0.25	-1.65	
7970.00	91.260	160.260	6958.38	739.65	-307.37	1373.43	1710745.15	14361956.40	39°32'56.7210"N	80°45'1.8449"W	1407.41	102.615	1.41	-0.06	1.41	
8064.00	91.910	160.980	6955.78	833.61	-396.01	1404.61	1710776.32	14361867.79	39°32'55.8441"N	80°45'1.4500"W	1459.37	105.745	1.03	0.69	0.77	
8159.00	89.690	160.540	6954.45	928.59	-485.68	1435.91	1710807.60	14361778.15	39°32'54.9569"N	80°45'1.0536"W	1515.83	108.688	2.38	-2.34	-0.46	
8254.00	90.090	159.770	6954.63	1023.59	-575.04	1468.16	1710839.84	14361688.83	39°32'54.0729"N	80°45'0.6451"W	1576.76	111.389	0.91	0.42	-0.81	
8349.00	90.090	160.900	6954.48	1118.58	-664.50	1500.13	1710871.80	14361599.40	39°32'53.1878"N	80°45'0.2402"W	1640.72	113.891	1.19	0.00	1.19	
8443.00	89.910	160.420	6954.48	1212.58	-753.20	1531.26	1710902.91	14361510.74	39°32'52.3104"N	80°44'59.8459"W	1706.48	116.192	0.55	-0.19	-0.51	
8538.00	89.260	159.280	6955.17	1307.56	-842.38	1563.99	1710935.63	14361421.60	39°32'51.4281"N	80°44'59.4314"W	1776.41	118.307	1.38	-0.68	-1.20	
8633.00	89.720	160.750	6956.02	1402.54	-931.65	1596.45	1710968.08	14361332.36	39°32'50.5449"N	80°44'59.0201"W	1848.41	120.267	1.62	0.48	1.55	
8728.00	89.630	160.880	6956.56	1497.54	-1021.37	1627.67	1710999.29	14361242.67	39°32'49.6573"N	80°44'58.6248"W	1921.59	122.108	0.17	-0.09	0.14	
8822.00	89.080	158.740	6957.61	1591.51	-1109.58	1660.11	1711031.71	14361154.50	39°32'48.7846"N	80°44'58.2138"W	1996.78	123.758	2.35	-0.59	-2.28	
8917.00	89.600	159.920	6958.71	1686.46	-1198.46	1693.64	1711065.23	14361065.65	39°32'47.9053"N	80°44'57.7889"W	2074.78	125.284	1.36	0.55	1.24	
9012.00	89.820	160.970	6959.19	1781.46	-1287.98	1725.44	1711097.01	14360976.17	39°32'47.0197"N	80°44'57.3862"W	2153.14	126.740	1.13	0.23	1.11	
9106.00	89.880	161.950	6959.43	1875.45	-1377.10	1755.32	1711126.89	14360887.09	39°32'46.1380"N	80°44'57.0079"W	2231.05	128.115	1.04	0.06	1.04	
9200.00	92.090	161.330	6957.82	1969.42	-1466.30	1784.93	1711156.48	14360797.93	39°32'45.2557"N	80°44'56.6332"W	2309.98	129.403	2.44	2.35	-0.66	
9295.00	89.720	160.260	6956.32	2064.40	-1555.99	1816.17	1711187.71	14360708.27	39°32'44.3683"N	80°44'56.2375"W	2391.56	130.588	2.74	-2.49	-1.13	
9390.00	89.660	158.520	6956.83	2159.37	-1644.91	1849.61	1711221.14	14360619.39	39°32'43.4887"N	80°44'55.8138"W	2475.23	131.648	1.83	-0.06	-1.83	
9484.00	89.880	160.720	6957.21	2253.34	-1733.01	1882.34	1711253.86	14360531.31	39°32'42.6169"N	80°44'55.3992"W	2558.62	132.635	2.35	0.23	2.34	
9579.00	89.570	160.610	6957.67	2348.33	-1822.66	1913.80	1711285.30	14360441.71	39°32'41.7301"N	80°44'55.0009"W	2642.86	133.603	0.35	-0.33	-0.12	
9673.00	89.820	160.100	6958.17	2442.33	-1911.18	1945.40	1711316.89	14360353.22	39°32'40.8543"N	80°44'54.6006"W	2727.12	134.492	0.60	0.27	-0.54	
9768.00	89.720	160.960	6958.55	2537.32	-2000.75	1977.06	1711348.54	14360263.68	39°32'39.9682"N	80°44'54.1996"W	2812.79	135.341	0.91	-0.11	0.91	
9863.00	89.910	160.260	6958.85	2632.32	-2090.36	2008.60	1711380.06	14360174.11	39°32'39.0817"N	80°44'53.8002"W	2898.98	136.143	0.76	0.20	-0.74	
9957.00	90.030	161.430	6958.90	2726.32	-2179.15	2039.44	1711410.89	14360085.35	39°32'38.2033"N	80°44'53.4097"W	2984.63	136.897	1.25	0.13	1.24	
10052.00	89.780	160.990	6959.06	2821.32	-2269.09	2070.04	1711441.48	14359995.45	39°32'37.3136"N	80°44'53.0223"W	3071.46	137.626	0.53	-0.26	-0.46	
10147.00	89.850	162.080	6959.37	2916.31	-2359.20	2100.13	1711471.56	14359905.38	39°32'36.4222"N	80°44'52.6415"W	3158.54	138.325	1.15	0.07	1.15	
10242.00	89.630	161.950	6959.80	3011.29	-2449.55	2129.46	1711500.88	14359815.06	39°32'35.5284"N	80°44'52.2703"W	3245.76	138.999	0.27	-0.23	-0.14	
10336.00	90.060	162.380	6960.05	3105.27	-2539.04	2158.25	1711529.66	14359725.61	39°32'34.6432"N	80°44'51.9060"W	3332.38	139.635	0.65	0.46	0.46	



Actual Wellpath Report

Peeler Unit 3H ST01 AWP Proj: 18545'
Page 6 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 3H ST01
Field	Wetzel	API	47-103-03411-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 3H ST01 AWB
Slot	Slot #04	Sidetrack from	Peeler Unit 3H AWP Proj: 2652' at 387.00 MD

WELLPATH DATA (208 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
10431.00	89.140	162.420	6960.72	3200.23	-2629.59	2186.98	1711558.37	14359635.10	39°32'33.7475"N	80°44'51.5426"W	3420.17	140.250	0.97	-0.97	0.04	
10526.00	88.920	162.340	6962.32	3295.19	-2720.12	2215.73	1711587.11	14359544.60	39°32'32.8520"N	80°44'51.1788"W	3508.35	140.835	0.25	-0.23	-0.08	
10620.00	89.510	161.230	6963.61	3389.17	-2809.40	2245.11	1711616.48	14359455.36	39°32'31.9688"N	80°44'50.8070"W	3596.28	141.370	1.34	0.63	-1.18	
10715.00	89.110	162.120	6964.76	3484.15	-2899.57	2274.98	1711646.33	14359365.22	39°32'31.0767"N	80°44'50.4290"W	3685.52	141.883	1.03	-0.42	0.94	
10810.00	89.200	162.030	6966.16	3579.12	-2989.95	2304.21	1711675.56	14359274.88	39°32'30.1827"N	80°44'50.0591"W	3774.81	142.380	0.13	0.09	-0.09	
10904.00	88.950	160.170	6967.68	3673.10	-3078.87	2334.65	1711705.99	14359186.00	39°32'29.3030"N	80°44'49.6737"W	3863.94	142.828	2.00	-0.27	-1.98	
10999.00	89.540	161.850	6968.93	3768.09	-3168.68	2365.56	1711736.89	14359096.21	39°32'28.4145"N	80°44'49.2824"W	3954.29	143.257	1.87	0.62	1.77	
11093.00	88.980	161.450	6970.14	3862.07	-3257.90	2395.15	1711766.46	14359007.04	39°32'27.5320"N	80°44'48.9079"W	4043.59	143.677	0.73	-0.60	-0.43	
11188.00	89.050	162.230	6971.77	3957.05	-3348.15	2424.76	1711796.06	14358916.82	39°32'26.6391"N	80°44'48.5332"W	4133.95	144.088	0.82	0.07	0.82	
11282.00	89.880	162.490	6972.65	4051.01	-3437.73	2453.24	1711824.53	14358827.28	39°32'25.7530"N	80°44'48.1729"W	4223.31	144.487	0.93	0.88	0.28	
11377.00	89.080	161.760	6973.51	4145.98	-3528.13	2482.40	1711853.68	14358736.90	39°32'24.8587"N	80°44'47.8040"W	4313.94	144.870	1.14	-0.84	-0.77	
11471.00	89.080	159.170	6975.02	4239.96	-3616.70	2513.82	1711885.09	14358648.37	39°32'23.9825"N	80°44'47.4060"W	4404.53	145.198	2.75	0.00	-2.76	
11566.00	89.080	160.010	6976.55	4334.92	-3705.73	2546.95	1711918.20	14358559.38	39°32'23.1017"N	80°44'46.9864"W	4496.60	145.499	0.88	0.00	0.88	
11660.00	89.630	161.260	6977.61	4428.91	-3794.40	2578.12	1711949.35	14358470.74	39°32'22.2244"N	80°44'46.5918"W	4587.39	145.806	1.45	0.59	1.33	
11755.00	90.090	160.770	6977.84	4523.91	-3884.23	2609.02	1711980.25	14358380.95	39°32'21.3358"N	80°44'46.2006"W	4679.13	146.111	0.71	0.48	-0.52	
11850.00	89.850	161.330	6977.89	4618.91	-3974.09	2639.87	1712011.09	14358291.13	39°32'20.4469"N	80°44'45.8100"W	4770.98	146.405	0.64	-0.25	0.59	
11944.00	89.320	160.660	6978.57	4712.91	-4062.96	2670.48	1712041.68	14358202.29	39°32'19.5677"N	80°44'45.4225"W	4862.01	146.684	0.91	-0.56	-0.71	
12039.00	89.080	161.420	6979.90	4807.90	-4152.79	2701.35	1712072.53	14358112.49	39°32'18.6789"N	80°44'45.0318"W	4954.09	146.956	0.84	-0.25	0.80	
12133.00	89.140	161.080	6981.36	4901.89	-4241.79	2731.56	1712102.73	14358023.53	39°32'17.7985"N	80°44'44.6494"W	5045.22	147.220	0.37	0.06	-0.36	
12228.00	89.450	161.380	6982.53	4996.88	-4331.74	2762.12	1712133.29	14357933.62	39°32'16.9087"N	80°44'44.2626"W	5137.44	147.476	0.45	0.33	0.32	
12323.00	89.230	161.470	6983.62	5091.87	-4421.78	2792.38	1712163.53	14357843.61	39°32'16.0179"N	80°44'43.8796"W	5229.68	147.727	0.25	-0.23	0.09	
12417.00	89.940	161.870	6984.30	5185.85	-4511.01	2821.94	1712193.08	14357754.42	39°32'15.1352"N	80°44'43.5055"W	5320.95	147.971	0.87	0.76	0.43	
12512.00	89.050	161.090	6985.14	5280.84	-4601.08	2852.12	1712223.25	14357664.38	39°32'14.2442"N	80°44'43.1236"W	5413.37	148.206	1.25	-0.94	-0.82	
12607.00	89.630	160.260	6986.23	5375.84	-4690.72	2883.55	1712254.67	14357574.78	39°32'13.3574"N	80°44'42.7256"W	5506.16	148.419	1.07	0.61	-0.87	
12702.00	89.320	161.720	6987.10	5470.83	-4780.54	2914.49	1712285.60	14357485.00	39°32'12.4688"N	80°44'42.3340"W	5598.91	148.631	1.57	-0.33	1.54	
12796.00	89.110	160.670	6988.39	5564.82	-4869.51	2944.79	1712315.88	14357396.06	39°32'11.5887"N	80°44'41.9505"W	5690.69	148.837	1.14	-0.22	-1.12	
12891.00	89.780	161.270	6989.31	5659.81	-4959.31	2975.77	1712346.85	14357306.29	39°32'10.7002"N	80°44'41.5584"W	5783.59	149.035	0.95	0.71	0.63	
12986.00	89.690	161.010	6989.75	5754.81	-5049.21	3006.48	1712377.54	14357216.43	39°32'9.8109"N	80°44'41.1697"W	5876.51	149.229	0.29	-0.09	-0.27	
13080.00	89.290	161.620	6990.59	5848.80	-5138.25	3036.59	1712407.64	14357127.43	39°32'8.9300"N	80°44'40.7886"W	5968.46	149.418	0.78	-0.43	0.65	
13175.00	89.170	161.370	6991.86	5943.79	-5228.33	3066.74	1712437.78	14357037.38	39°32'8.0389"N	80°44'40.4070"W	6061.38	149.606	0.29	-0.13	-0.26	



Actual Wellpath Report

Peeler Unit 3H ST01 AWP Proj: 18545'
Page 7 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 3H ST01
Field	Wetzel	API	47-103-03411-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 3H ST01 AWB
Slot	Slot #04	Sidetrack from	Peeler Unit 3H AWP Proj: 2652' at 387.00 MD

WELLPATH DATA (208 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
13270.00	89.080	161.900	6993.31	6038.77	-5318.48	3096.67	1712467.70	14356947.27	39°32'7.1471"N	80°44'40.0283"W	6154.31	149.790	0.57	-0.09	0.56	
13364.00	88.890	160.850	6994.98	6132.75	-5407.54	3126.68	1712497.70	14356858.24	39°32'6.2660"N	80°44'39.6485"W	6246.41	149.963	1.13	-0.20	-1.12	
13459.00	90.430	162.830	6995.54	6227.73	-5497.80	3156.29	1712527.30	14356768.02	39°32'5.3731"N	80°44'39.2739"W	6339.40	150.140	2.64	1.62	2.08	
13554.00	89.080	161.410	6995.95	6322.70	-5588.21	3185.45	1712556.45	14356677.65	39°32'4.4788"N	80°44'38.9049"W	6432.36	150.316	2.06	-1.42	-1.49	
13648.00	89.140	161.250	6997.41	6416.69	-5677.25	3215.54	1712586.52	14356588.64	39°32'3.5979"N	80°44'38.5241"W	6524.64	150.473	0.18	0.06	-0.17	
13743.00	89.600	162.080	6998.45	6511.67	-5767.42	3245.42	1712616.40	14356498.50	39°32'2.7059"N	80°44'38.1460"W	6617.85	150.633	1.00	0.48	0.87	
13837.00	89.320	161.140	6999.34	6605.66	-5856.62	3275.08	1712646.04	14356409.34	39°32'1.8235"N	80°44'37.7708"W	6710.15	150.786	1.04	-0.30	-1.00	
13931.00	89.750	161.710	7000.10	6699.66	-5945.72	3305.02	1712675.97	14356320.28	39°32'0.9421"N	80°44'37.3919"W	6802.55	150.932	0.76	0.46	0.61	
14026.00	89.480	161.590	7000.74	6794.64	-6035.88	3334.93	1712705.86	14356230.15	39°32'0.0501"N	80°44'37.0135"W	6895.91	151.079	0.31	-0.28	-0.13	
14120.00	90.090	160.770	7001.09	6888.64	-6124.86	3365.25	1712736.17	14356141.21	39°31'59.1699"N	80°44'36.6297"W	6988.47	151.214	1.09	0.65	-0.87	
14215.00	89.540	161.460	7001.40	6983.64	-6214.74	3396.00	1712766.91	14356051.36	39°31'58.2807"N	80°44'36.2405"W	7082.08	151.346	0.93	-0.58	0.73	
14310.00	89.510	161.140	7002.19	7078.63	-6304.72	3426.45	1712797.36	14355961.42	39°31'57.3905"N	80°44'35.8551"W	7175.66	151.477	0.34	-0.03	-0.34	
14404.00	89.630	161.470	7002.89	7172.63	-6393.76	3456.58	1712827.47	14355872.41	39°31'56.5097"N	80°44'35.4738"W	7268.30	151.604	0.37	0.13	0.35	
14499.00	89.630	160.850	7003.51	7267.63	-6483.67	3487.26	1712858.14	14355782.54	39°31'55.6202"N	80°44'35.0855"W	7361.99	151.726	0.65	0.00	-0.65	
14594.00	89.850	161.210	7003.94	7362.62	-6573.51	3518.14	1712889.01	14355692.74	39°31'54.7315"N	80°44'34.6947"W	7455.76	151.844	0.44	0.23	0.38	
14688.00	89.230	160.810	7004.69	7456.62	-6662.39	3548.73	1712919.58	14355603.89	39°31'53.8522"N	80°44'34.3076"W	7548.57	151.958	0.78	-0.66	-0.43	
14783.00	89.480	161.360	7005.76	7551.61	-6752.25	3579.52	1712950.36	14355514.06	39°31'52.9632"N	80°44'33.9178"W	7642.38	152.071	0.64	0.26	0.58	
14878.00	89.320	160.910	7006.76	7646.61	-6842.15	3610.24	1712981.07	14355424.21	39°31'52.0739"N	80°44'33.5291"W	7736.20	152.182	0.50	-0.17	-0.47	
14972.00	89.480	161.990	7007.74	7740.60	-6931.26	3640.14	1713010.96	14355335.13	39°31'51.1923"N	80°44'33.1508"W	7828.98	152.293	1.16	0.17	1.15	
15067.00	89.380	161.070	7008.69	7835.59	-7021.36	3670.23	1713041.04	14355245.07	39°31'50.3010"N	80°44'32.7700"W	7922.76	152.403	0.97	-0.11	-0.97	
15161.00	89.380	161.900	7009.70	7929.57	-7110.49	3700.08	1713070.88	14355155.97	39°31'49.4193"N	80°44'32.3923"W	8015.59	152.509	0.88	0.00	0.88	
15256.00	89.600	161.160	7010.55	8024.56	-7200.59	3730.18	1713100.96	14355065.91	39°31'48.5279"N	80°44'32.0115"W	8109.42	152.614	0.81	0.23	-0.78	
15350.00	89.630	160.970	7011.18	8118.56	-7289.50	3760.68	1713131.45	14354977.03	39°31'47.6483"N	80°44'31.6255"W	8202.41	152.711	0.20	0.03	-0.20	
15445.00	89.290	162.320	7012.08	8213.55	-7379.66	3790.59	1713161.35	14354886.91	39°31'46.7564"N	80°44'31.2470"W	8296.26	152.813	1.47	-0.36	1.42	
15540.00	88.740	160.470	7013.71	8308.53	-7469.68	3820.90	1713191.64	14354796.92	39°31'45.8658"N	80°44'30.8636"W	8390.19	152.909	2.03	-0.58	-1.95	
15634.00	89.350	160.750	7015.28	8402.51	-7558.33	3852.10	1713222.83	14354708.30	39°31'44.9888"N	80°44'30.4686"W	8483.34	152.994	0.71	0.65	0.30	
15729.00	89.010	161.650	7016.64	8497.50	-7648.25	3882.71	1713253.43	14354618.42	39°31'44.0992"N	80°44'30.0812"W	8577.37	153.085	1.01	-0.36	0.95	
15824.00	89.200	161.210	7018.12	8592.48	-7738.30	3912.96	1713283.67	14354528.41	39°31'43.2084"N	80°44'29.6985"W	8671.36	153.176	0.50	0.20	-0.46	
15918.00	89.170	161.730	7019.46	8686.47	-7827.41	3942.83	1713313.53	14354439.33	39°31'42.3288"N	80°44'29.3205"W	8764.38	153.265	0.55	-0.03	0.55	
16013.00	89.380	161.350	7020.66	8781.45	-7917.52	3972.91	1713343.60	14354349.26	39°31'41.4354"N	80°44'28.9400"W	8858.39	153.353	0.46	0.22	-0.40	



Actual Wellpath Report

Peeler Unit 3H ST01 AWP Proj: 18545'
Page 8 of 11



REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Peeler Unit 3H ST01
Field	Wetzel		API	47-103-03411-0000
Facility	Gadd Pad		Wellbore	Peeler Unit 3H ST01 AWB
Slot	Slot #04		Sidetrack from	Peeler Unit 3H AWP Proj: 2652' at 387.00 MD

WELLPATH DATA (208 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
16108.00	89.510	161.510	7021.58	8876.45	-8007.57	4003.16	1713373.84	14354259.25	39°31'40.5446"N	80°44'28.5572"W	8952.46	153.439	0.22	0.14	0.17	
16202.00	88.860	160.930	7022.92	8970.43	-8096.55	4033.42	1713404.08	14354170.30	39°31'39.6642"N	80°44'28.1743"W	9045.59	153.519	0.93	-0.69	-0.62	
16297.00	89.080	161.450	7024.62	9065.42	-8186.47	4064.05	1713434.70	14354080.42	39°31'38.7747"N	80°44'27.7868"W	9139.73	153.599	0.59	0.23	0.55	
16391.00	88.830	160.680	7026.34	9159.40	-8275.36	4094.54	1713465.18	14353991.56	39°31'37.8953"N	80°44'27.4008"W	9232.93	153.674	0.86	-0.27	-0.82	
16486.00	88.400	161.440	7028.63	9254.37	-8365.19	4125.37	1713495.99	14353901.76	39°31'37.0066"N	80°44'27.0108"W	9327.12	153.749	0.92	-0.45	0.80	
16581.00	89.010	161.290	7030.78	9349.34	-8455.19	4155.72	1713526.33	14353811.80	39°31'36.1163"N	80°44'26.6268"W	9421.26	153.826	0.66	0.64	-0.16	
16675.00	88.830	161.310	7032.55	9443.33	-8544.21	4185.85	1713556.45	14353722.82	39°31'35.2356"N	80°44'26.2455"W	9514.46	153.900	0.19	-0.19	0.02	
16770.00	89.230	162.080	7034.16	9538.30	-8634.39	4215.68	1713586.27	14353632.67	39°31'34.3435"N	80°44'25.8681"W	9608.57	153.976	0.91	0.42	0.81	
16865.00	88.580	161.170	7035.98	9633.28	-8724.53	4245.62	1713616.20	14353542.57	39°31'33.4517"N	80°44'25.4893"W	9702.72	154.051	1.18	-0.68	-0.96	
16959.00	88.770	161.030	7038.15	9727.25	-8813.44	4276.06	1713646.63	14353453.70	39°31'32.5722"N	80°44'25.1042"W	9795.99	154.118	0.25	0.20	-0.15	
17054.00	89.660	160.710	7039.45	9822.24	-8903.18	4307.19	1713677.75	14353363.99	39°31'31.6843"N	80°44'24.7102"W	9890.33	154.183	1.00	0.94	-0.34	
17148.00	89.690	161.180	7039.99	9916.24	-8992.03	4337.88	1713708.42	14353275.18	39°31'30.8053"N	80°44'24.3219"W	9983.68	154.247	0.50	0.03	0.50	
17243.00	89.940	161.350	7040.29	10011.24	-9081.99	4368.40	1713738.92	14353185.25	39°31'29.9153"N	80°44'23.9358"W	10077.97	154.313	0.32	0.26	0.18	
17338.00	89.720	158.710	7040.57	10106.22	-9171.27	4400.84	1713771.35	14353096.00	39°31'29.0320"N	80°44'23.5251"W	10172.49	154.366	2.79	-0.23	-2.78	
17433.00	89.720	159.410	7041.04	10201.16	-9260.00	4434.79	1713805.29	14353007.31	39°31'28.1542"N	80°44'23.0951"W	10267.18	154.409	0.74	0.00	0.74	
17527.00	89.880	159.590	7041.37	10295.14	-9348.04	4467.71	1713838.20	14352919.30	39°31'27.2830"N	80°44'22.6783"W	10360.81	154.455	0.26	0.17	0.19	
17622.00	89.050	157.370	7042.25	10390.04	-9436.41	4502.55	1713873.03	14352830.97	39°31'26.4087"N	80°44'22.2369"W	10455.57	154.492	2.49	-0.87	-2.34	
17717.00	89.880	157.630	7043.14	10484.87	-9524.18	4538.91	1713909.37	14352743.24	39°31'25.5402"N	80°44'21.7762"W	10550.43	154.519	0.92	0.87	0.27	
17812.00	90.000	159.970	7043.24	10579.79	-9612.74	4573.26	1713943.70	14352654.71	39°31'24.6640"N	80°44'21.3411"W	10645.16	154.557	2.47	0.13	2.46	
17906.00	89.630	156.740	7043.54	10673.69	-9700.10	4607.93	1713978.36	14352567.39	39°31'23.7996"N	80°44'20.9019"W	10738.94	154.590	3.46	-0.39	-3.44	
18001.00	89.380	160.830	7044.37	10768.60	-9788.64	4642.29	1714012.71	14352478.88	39°31'22.9235"N	80°44'20.4666"W	10833.67	154.627	4.31	-0.26	4.31	
18096.00	89.480	160.200	7045.31	10863.59	-9878.19	4673.98	1714044.39	14352389.36	39°31'22.0375"N	80°44'20.0656"W	10928.17	154.678	0.67	0.11	-0.66	
18190.00	89.660	160.350	7046.02	10957.58	-9966.68	4705.71	1714076.10	14352300.92	39°31'21.1621"N	80°44'19.6641"W	11021.72	154.726	0.25	0.19	0.16	
18285.00	89.690	161.810	7046.55	11052.58	-10056.54	4736.51	1714106.89	14352211.09	39°31'20.2731"N	80°44'19.2743"W	11116.14	154.780	1.54	0.03	1.54	
18380.00	89.570	161.420	7047.17	11147.57	-10146.69	4766.47	1714136.84	14352120.98	39°31'19.3813"N	80°44'18.8953"W	11210.46	154.838	0.43	-0.13	-0.41	
18475.00	89.820	162.220	7047.67	11242.56	-10236.94	4796.11	1714166.47	14352030.76	39°31'18.4884"N	80°44'18.5204"W	11304.76	154.896	0.88	0.26	0.84	
18522.00	90.090	161.700	7047.71	11289.55	-10281.63	4810.66	1714181.02	14351986.08	39°31'18.0463"N	80°44'18.3364"W	11351.41	154.926	1.25	0.57	-1.11	
18545.00†	90.090	161.700	7047.67	11312.54	-10303.47	4817.89	1714188.24	14351964.26	39°31'17.8303"N	80°44'18.2450"W	11374.25	154.939	0.00	0.00	0.00	Projected MD at TD: 18545'



Actual Wellpath Report

Peeler Unit 3H ST01 AWP Proj: 18545'
Page 9 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 3H ST01
Field	Wetzel	API	47-103-03411-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 3H ST01 AWB
Slot	Slot #04	Sidetrack from	Peeler Unit 3H AWP Proj: 2652' at 387.00 MD

HOLE & CASING SECTIONS - Ref Wellbore: Peeler Unit 3H ST01 AWB Ref Wellpath: Peeler Unit 3H ST01 AWP Proj: 18545'										
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]	End E/W [ft]
20in Conductor	30.00	110.00	80.00	30.00	110.00	0.00	0.00	0.01	0.18	0.18
17.5in Open Hole	110.00	387.00	277.00	110.00	387.00	0.01	0.18	-0.23	1.41	1.41
13.375in Casing Surface	30.00	387.00	357.00	30.00	387.00	0.00	0.00	-0.23	1.41	1.41
17.5in Open Hole	387.00	491.00	104.00	387.00	491.00	-0.23	1.41	-0.15	1.93	1.93
13.375in Casing Surface	387.00	471.00	84.00	387.00	471.00	-0.23	1.41	-0.18	1.84	1.84
12.25in Open Hole	491.00	2664.00	2173.00	491.00	2629.62	-0.15	1.93	208.72	244.00	244.00
9.625in Casing Intermediate	387.00	2624.00	2237.00	387.00	2590.68	-0.23	1.41	203.19	236.68	236.68
8.75in Open Hole	2664.00	6300.00	3636.00	2629.62	6167.34	208.72	244.00	756.72	870.85	870.85
8.5in Open Hole	6300.00	18545.00	12245.00	6167.34	7047.67	756.72	870.85	-10303.47	4817.89	4817.89
5.5in Casing Production	30.00	18545.00	18515.00	30.00	7047.67	0.00	0.00	-10303.47	4817.89	4817.89



Actual Wellpath Report

Peeler Unit 3H ST01 AWP Proj: 18545'

Page 10 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 3H ST01
Field	Wetzel	API	47-103-03411-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 3H ST01 AWB
Slot	Slot #04	Sidetrack from	Peeler Unit 3H AWP Proj: 2652' at 387.00 MD

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Peeler Unit 3H POE Rev-2	6939.00	293.23	1152.73	1710524.53	14362556.75	39°33'2.6628"N	80°45'4.6412"W	point
Peeler Unit 3H BHL Rev-2	6967.00	-10279.17	4812.04	1714182.39	14351988.55	39°31'18.0706"N	80°44'18.3187"W	point
Peeler Unit 3H LP Rev-2	6967.00	105.83	1217.59	1710589.36	14362369.43	39°33'0.8090"N	80°45'3.8198"W	point
Peeler Unit 3H 50' L/R Hard Line	7250.00	-4992.97	2982.38	1712353.46	14357272.65	39°32'10.3674"N	80°44'41.4752"W	rectangle
2D Rectangle 11187.8 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Peeler Unit 3H ST01 AWB Ref Wellpath: Peeler Unit 3H ST01 AWP Proj: 18545'						
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date	
30.00	387.00	Gyrodatta 2015 - GC+WIR+DPIPE	01_Gyrodatta MS Gyro <17-1/2"> (100'-387')	Peeler Unit 3H AWB	31/Jul/2021	
387.00	2592.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03_APS EM <12-1/4"> (387')(481'-2592')	Peeler Unit 3H ST01 AWB	12/Aug/2021	
2592.00	6233.00	BH NaviTrak (2019) (Axial Corr+HRGM)	04_APS EM <8-3/4"> (2592')(2656'-6233')	Peeler Unit 3H ST01 AWB	12/Aug/2021	
6233.00	18545.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	05_BH AT Curve <8-1/2"> (6233')(6273'-18522')	Peeler Unit 3H ST01 AWB	12/Aug/2021	



Actual Wellpath Report
Peeler Unit 3H ST01 AWP Proj: 18545'
Page 11 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peeler Unit 3H ST01
Field	Wetzel	API	47-103-03411-0000
Facility	Gadd Pad	Wellbore	Peeler Unit 3H ST01 AWB
Slot	Slot #04	Sidetrack from	Peeler Unit 3H AWP Proj: 2652' at 387.00 MD

COMMENTS
<p>Wellpath general comments API: 47-103-03411-0000 BH Job #: 110972274 Rig: H&P 519 Duration: 8/15/2021-8/20/2021 Gyrodatta MS Gyro <17-1/2"> (100'-387') APS EM <12-1/4"> (387')(481'-2592') APS EM <8-3/4"> (2592')(2656'-6233') BH AT Curve <8-1/2"> (6233')(6273'-18522') Sycamore: 6780' MD Middlesex: 6937' MD Burkett: 7093' MD Tully: 7153' MD Marcellus POE: 7340' MD Projected MD at TD: 18545'</p>