



# ANTERO RESOURCES CORPORATION

Location: Tyler County, WV  
Field: Tyler  
Facility: Eldon Pad

Slot: Slot H  
Well: Clutter Unit 1H  
Wellbore: Clutter Unit 1H PWB

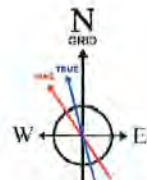


Easting (ft) Scale 1 inch = 3000

Plb reference wellpath is Clutter Unit 1H PWP Rev-C.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: 910 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot H) = -890 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: edelberger on 2022-03-06; Database: WA_MPL_EASTERNUS_Ohio

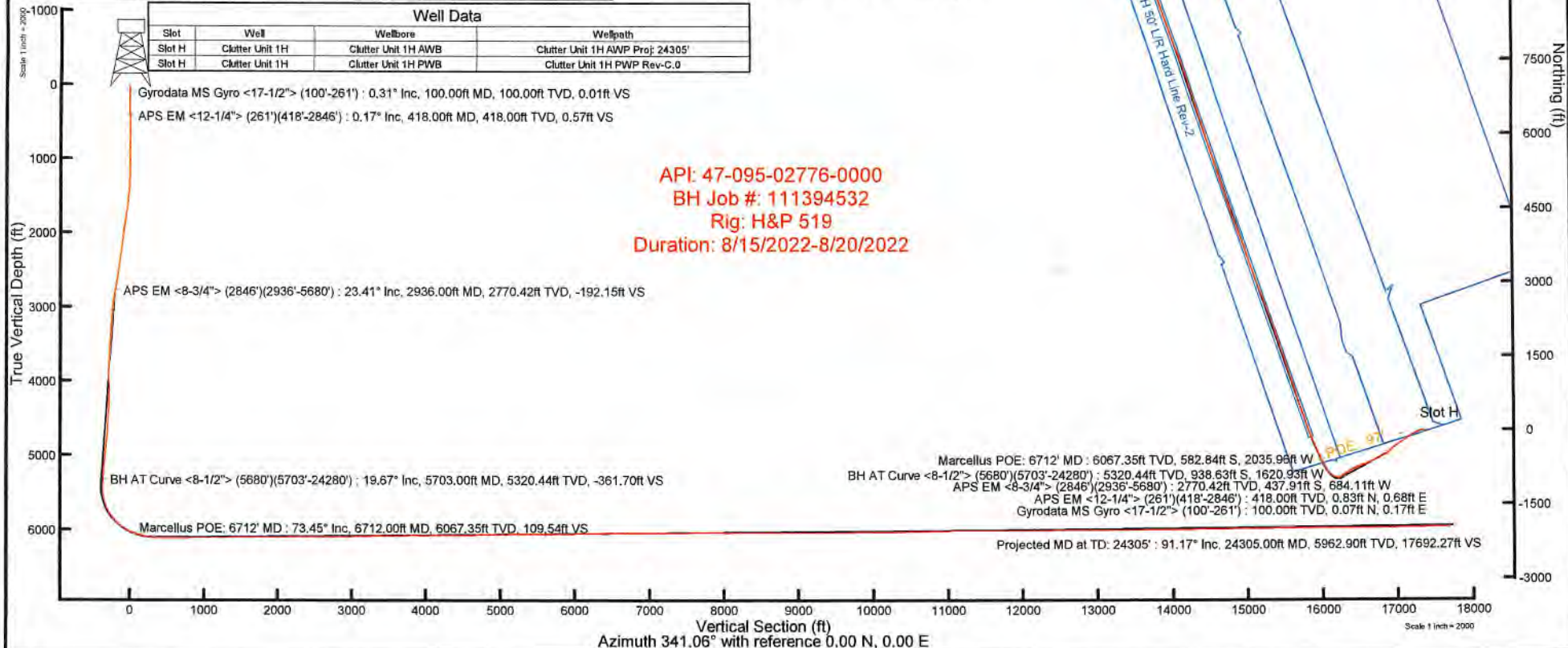
Location Information				
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Eldon Pad	1652348.400	14341593.070	39°29'36.3190"N	80°57'27.7430"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Slot H	71.08	447.52	1652795.740	14341694.120
Comment	Clutter Unit 1H			
H&P 519 (RKB) to Ground level (At Slot: Slot H)	30ft			
Mean Sea Level to Ground level (At Slot: Slot H)	-890ft			
H&P 519 (RKB) to Mean Sea Level	910ft			

Well Profile Data							
Design Comment	MD (ft)	Inc (")	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	VS (ft)
Tie On	2846.00	23.890	229.350	2587.97	-413.88	-557.17	-178.17
Proj. to Bottom	2919.00	23.890	229.350	2754.72	-433.14	-679.80	-189.11
Drill Out	3000.00	23.890	229.350	2828.78	-454.51	-704.49	-201.24
End of 3D Arc	3161.36	22.660	241.221	2977.09	-490.78	-758.55	-218.65
Curve KOP	5772.36	22.660	241.221	5386.54	-975.07	-1638.22	-390.55
POE	6882.29	69.575	335.387	6058.00	-623.18	-2022.57	67.94
Landing Pt.	6943.85	90.500	335.387	6103.00	-390.27	-2129.27	321.98
On AZI	7227.41	90.500	341.058	6100.52	-127.06	-2234.43	605.06
BHL	24353.30	90.500	341.058	5951.07	16070.82	-7793.42	17730.30



User specified (HDGM) Dip: 66.22° Field: 51403 nT  
Magnetic North is 7.44 degrees West of True North (at 8/12/2022)  
Grid North is 0.03 degrees East of True North  
To correct azimuth from True to Grid subtract 0.03 degrees  
To correct azimuth from Magnetic to Grid subtract 7.47 degrees

Well Data			
Slot	Well	Wellbore	Wellpath
Slot H	Clutter Unit 1H	Clutter Unit 1H AWB	Clutter Unit 1H AWP Proj: 24305'
Slot H	Clutter Unit 1H	Clutter Unit 1H PWB	Clutter Unit 1H PWP Rev-C.0



API: 47-095-02776-0000  
BH Job #: 111394532  
Rig: H&P 519  
Duration: 8/15/2022-8/20/2022



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 1H
Field	Tyler	API	47-095-02776-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 1H AWB
Slot	Slot H		

REPORT SETUP INFORMATION			
Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999600	Report Generated	9/6/2022 at 9:40:32 PM
Convergence at slot	0.03° 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	71.08	447.52	1652795.74	14341664.12	39°29'37.0193"N	80°57'22.0342"W
Facility Reference Pt			1652348.40	14341593.07	39°29'36.3190"N	80°57'27.7430"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	910.00ft
Horizontal Reference Pt	Slot	H&P 519 (RKB) to Mean Sea Level	910.00ft
Vertical Reference Pt	H&P 519 (RKB)	H&P 519 (RKB) to Ground Level at Slot (Slot H)	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	341.06°



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'

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REFERENCE WELLPATH IDENTIFICATION				
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Field	Tyler		API	47-095-02776-0000
Facility	Eldon Pad		Wellbore	Clutter Unit 1H AWB
Slot	Slot H			

WELLPATH DATA (263 stations) † = interpolated, ‡ = extrapolated station																	
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments	
0.00	†	0.000	67.390	0.00	0.00	0.00	1652795.74	14341664.12	39°29'37.0193"N	80°57'22.0342"W	0.00	0.000	0.00	0.00	0.00		
30.00		0.000	67.390	30.00	0.00	0.00	1652795.74	14341664.12	39°29'37.0193"N	80°57'22.0342"W	0.00	0.000	0.00	0.00	0.00		
100.00		0.310	67.390	100.00	0.01	0.07	1652795.91	14341664.19	39°29'37.0201"N	80°57'22.0320"W	0.19	67.390	0.44	0.44	0.00	Gyrodata MS Gyro <17-1/2"> (100'-261')	
200.00		0.230	50.180	200.00	0.10	0.31	1652796.32	14341664.43	39°29'37.0224"N	80°57'22.0268"W	0.65	62.183	0.11	-0.08	-17.21		
261.00		0.170	30.880	261.00	0.20	0.46	1652796.46	14341664.58	39°29'37.0239"N	80°57'22.0250"W	0.85	57.317	0.15	-0.10	-31.64		
418.00		0.170	317.890	418.00	0.57	0.83	1652796.42	14341664.95	39°29'37.0276"N	80°57'22.0255"W	1.08	39.294	0.13	0.00	-46.49	APS EM <12-1/4"> (261')(418'-2846')	
508.00		0.510	266.050	508.00	0.79	0.91	1652795.93	14341665.03	39°29'37.0283"N	80°57'22.0317"W	0.93	12.057	0.47	0.38	-57.60		
599.00		2.760	259.920	598.95	1.24	0.49	-2.37	1652793.37	14341664.61	39°29'37.0242"N	80°57'22.0644"W	2.42	281.787	2.48	2.47	-6.74	
690.00		4.590	256.420	689.76	1.91	-0.74	-8.07	1652787.68	14341663.38	39°29'37.0120"N	80°57'22.1371"W	8.10	264.727	2.03	2.01	-3.85	
779.00		6.420	257.160	778.35	2.78	-2.69	-16.38	1652779.37	14341661.43	39°29'36.9929"N	80°57'22.2432"W	16.60	260.685	2.06	2.06	0.83	
870.00		8.630	256.680	868.56	3.98	-5.39	-27.98	1652767.77	14341658.73	39°29'36.9662"N	80°57'22.3912"W	28.50	259.097	2.43	2.43	-0.53	
959.00		10.610	253.470	956.30	4.98	-9.26	-42.34	1652753.42	14341654.86	39°29'36.9280"N	80°57'22.5743"W	43.34	257.662	2.30	2.22	-3.61	
1050.00		12.860	249.780	1045.40	5.11	-15.14	-59.88	1652735.89	14341648.98	39°29'36.8699"N	80°57'22.7981"W	61.76	255.805	2.61	2.47	-4.05	
1144.00		16.030	247.600	1136.41	4.09	-23.71	-81.70	1652714.08	14341640.42	39°29'36.7854"N	80°57'23.0765"W	85.07	253.817	3.42	3.37	-2.32	
1239.00		19.150	245.150	1226.96	1.70	-35.26	-107.97	1652687.81	14341628.88	39°29'36.6714"N	80°57'23.4117"W	113.58	251.915	3.37	3.28	-2.58	
1334.00		21.900	243.450	1315.92	-2.26	-49.73	-137.96	1652657.83	14341614.41	39°29'36.5285"N	80°57'23.7943"W	146.65	250.178	2.96	2.89	-1.79	
1428.00		24.770	241.350	1402.23	-7.90	-67.01	-170.93	1652624.88	14341597.14	39°29'36.3579"N	80°57'24.2150"W	183.60	248.594	3.18	3.05	-2.23	
1523.00		25.070	239.530	1488.38	-15.28	-86.76	-205.75	1652590.08	14341577.40	39°29'36.1629"N	80°57'24.6592"W	223.29	247.136	0.87	0.32	-1.92	
1618.00		24.720	237.140	1574.56	-24.08	-107.74	-239.78	1652556.06	14341556.42	39°29'35.9556"N	80°57'25.0934"W	262.87	245.804	1.12	-0.37	-2.52	
1711.00		24.240	234.280	1659.20	-34.27	-129.44	-271.62	1652524.23	14341534.73	39°29'35.7413"N	80°57'25.4996"W	300.88	244.520	1.37	-0.52	-3.08	
1806.00		24.280	232.240	1745.81	-46.20	-152.79	-302.89	1652492.97	14341511.40	39°29'35.5107"N	80°57'25.8987"W	339.24	243.232	0.88	0.04	-2.15	
1900.00		24.450	233.020	1831.44	-58.46	-176.32	-333.71	1652462.16	14341487.87	39°29'35.2783"N	80°57'26.2919"W	377.43	242.149	0.39	0.18	0.83	
1995.00		25.260	232.200	1917.64	-71.10	-200.57	-365.43	1652430.46	14341463.63	39°29'35.0387"N	80°57'26.6967"W	416.86	241.239	0.93	0.85	-0.86	
2090.00		25.340	234.860	2003.53	-83.33	-224.70	-398.07	1652397.83	14341439.51	39°29'34.8005"N	80°57'27.1132"W	457.11	240.557	1.20	0.08	2.80	
2184.00		25.050	236.720	2088.59	-93.87	-247.20	-431.16	1652364.75	14341417.02	39°29'34.5782"N	80°57'27.5354"W	497.00	240.173	0.90	-0.31	1.98	
2279.00		25.430	235.310	2174.52	-104.39	-269.84	-464.74	1652331.18	14341394.39	39°29'34.3546"N	80°57'27.9639"W	537.40	239.860	0.75	0.40	-1.48	
2374.00		25.790	235.250	2260.19	-115.55	-293.23	-498.50	1652297.44	14341371.01	39°29'34.1236"N	80°57'28.3946"W	578.34	239.535	0.38	0.38	-0.06	
2468.00		25.580	234.310	2344.90	-126.97	-316.72	-531.78	1652264.17	14341347.52	39°29'33.8915"N	80°57'28.8193"W	618.95	239.222	0.49	-0.22	-1.00	
2658.00		24.850	232.410	2516.80	-151.56	-365.01	-596.73	1652199.25	14341299.26	39°29'33.4146"N	80°57'29.6480"W	699.51	238.547	0.57	-0.38	-1.00	
2752.00		24.480	231.170	2602.22	-164.50	-389.27	-627.55	1652168.44	14341275.01	39°29'33.1750"N	80°57'30.0413"W	738.48	238.189	0.68	-0.39	-1.32	



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Clutter Unit 1H
Field	Tyler		API	47-095-02776-0000
Facility	Eldon Pad		Wellbore	Clutter Unit 1H AWB
Slot	Slot H			

WELLPATH DATA (263 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
2846.00	23.890	229.350	2687.97	-178.17	-413.88	-657.17	1652138.84	14341250.41	39°29'32.9319"N	80°57'30.4192"W	776.64	237.797	1.01	-0.63	-1.94	
2936.00	23.410	227.180	2770.42	-192.15	-437.91	-684.11	1652111.91	14341226.39	39°29'32.6946"N	80°57'30.7630"W	812.28	237.376	1.10	-0.53	-2.41	APS EM <-8-3/4"> (2846')(2936'-5680')
3030.00	24.570	227.860	2856.29	-207.41	-463.71	-712.30	1652083.73	14341200.60	39°29'32.4396"N	80°57'31.1227"W	849.94	236.936	1.27	1.23	0.72	
3125.00	26.950	233.590	2941.86	-221.66	-489.75	-744.28	1652051.76	14341174.57	39°29'32.1825"N	80°57'31.5308"W	890.96	236.654	3.62	2.51	6.03	
3220.00	27.170	239.480	3026.48	-232.48	-513.55	-780.30	1652015.76	14341150.78	39°29'31.9474"N	80°57'31.9903"W	934.13	236.649	2.83	0.23	6.20	
3317.00	25.950	246.190	3113.26	-238.72	-533.37	-818.80	1651977.27	14341130.97	39°29'31.7517"N	80°57'32.4816"W	977.20	236.920	3.34	-1.26	6.92	
3411.00	25.440	244.260	3197.96	-242.86	-550.44	-855.80	1651940.28	14341113.90	39°29'31.5831"N	80°57'32.9537"W	1017.54	237.252	1.04	-0.54	-2.05	
3506.00	25.370	243.280	3283.78	-248.03	-568.45	-892.36	1651903.74	14341095.90	39°29'31.4053"N	80°57'33.4201"W	1058.04	237.502	0.45	-0.07	-1.03	
3601.00	24.820	239.150	3369.82	-254.90	-587.83	-927.66	1651868.45	14341076.53	39°29'31.2139"N	80°57'33.8705"W	1098.22	237.639	1.93	-0.58	-4.35	
3695.00	24.110	242.370	3455.38	-261.88	-606.85	-961.61	1651834.52	14341057.52	39°29'31.0261"N	80°57'34.3036"W	1137.08	237.745	1.61	-0.76	3.43	
3790.00	23.390	246.010	3542.34	-266.47	-623.51	-996.03	1651800.11	14341040.86	39°29'30.8615"N	80°57'34.7427"W	1175.10	237.953	1.72	-0.76	3.83	
3884.00	22.260	243.110	3628.98	-270.57	-639.15	-1028.96	1651767.19	14341025.22	39°29'30.7071"N	80°57'35.1628"W	1211.31	238.153	1.70	-1.20	-3.09	
3979.00	20.390	246.220	3717.47	-274.46	-653.97	-1060.16	1651736.01	14341010.42	39°29'30.5608"N	80°57'35.5608"W	1245.63	238.331	2.30	-1.97	3.27	
4074.00	19.230	243.680	3806.85	-277.86	-667.58	-1089.32	1651706.85	14340996.81	39°29'30.4264"N	80°57'35.9330"W	1277.61	238.499	1.52	-1.22	-2.67	
4168.00	18.240	246.440	3895.87	-281.04	-680.32	-1116.69	1651679.50	14340984.07	39°29'30.3006"N	80°57'36.2820"W	1307.60	238.649	1.41	-1.05	2.94	
4263.00	19.800	258.030	3985.72	-280.28	-689.61	-1146.07	1651650.13	14340974.79	39°29'30.2090"N	80°57'36.6568"W	1337.54	238.964	4.29	1.64	12.20	
4357.00	21.460	256.430	4073.69	-276.74	-696.94	-1178.36	1651617.86	14340967.46	39°29'30.1366"N	80°57'37.0688"W	1369.04	239.398	1.86	1.77	-1.70	
4452.00	22.290	251.400	4161.85	-275.01	-706.77	-1212.33	1651583.90	14340957.64	39°29'30.0396"N	80°57'37.5022"W	1403.30	239.759	2.16	0.87	-5.29	
4547.00	22.770	249.720	4249.60	-275.33	-718.89	-1246.65	1651549.59	14340945.52	39°29'29.9200"N	80°57'37.9400"W	1439.07	240.030	0.85	0.51	-1.77	
4641.00	22.760	245.310	4336.29	-277.58	-732.79	-1280.24	1651516.02	14340931.63	39°29'29.7828"N	80°57'38.3685"W	1475.12	240.214	1.82	-0.01	-4.69	
4736.00	21.000	240.060	4424.45	-282.67	-748.96	-1311.69	1651484.58	14340915.46	39°29'29.6230"N	80°57'38.7697"W	1510.45	240.274	2.77	-1.85	-5.53	
4831.00	21.340	241.570	4513.04	-288.77	-765.69	-1341.64	1651454.64	14340898.74	39°29'29.4579"N	80°57'39.1519"W	1544.76	240.286	0.68	0.36	1.59	
4925.00	22.880	245.170	4600.13	-293.46	-781.51	-1373.27	1651423.02	14340882.93	39°29'29.3017"N	80°57'39.5554"W	1580.07	240.356	2.18	1.64	3.83	
5020.00	22.130	241.270	4687.90	-298.40	-797.86	-1405.72	1651390.58	14340866.58	39°29'29.1401"N	80°57'39.9694"W	1616.37	240.422	1.76	-0.79	-4.11	
5114.00	21.820	236.690	4775.07	-305.75	-815.97	-1435.85	1651360.47	14340848.48	39°29'28.9613"N	80°57'40.3538"W	1651.51	240.391	1.85	-0.33	-4.87	
5208.00	24.450	238.590	4861.51	-314.28	-835.70	-1467.06	1651329.27	14340828.75	39°29'28.7664"N	80°57'40.7520"W	1688.39	240.332	2.91	2.80	2.02	
5302.00	23.620	236.650	4947.36	-323.17	-856.20	-1499.39	1651296.95	14340808.27	39°29'28.5640"N	80°57'41.1645"W	1726.63	240.272	1.22	-0.88	-2.06	
5397.00	21.470	233.070	5035.10	-333.28	-877.11	-1529.19	1651267.16	14340787.36	39°29'28.3575"N	80°57'41.5448"W	1762.88	240.162	2.68	-2.26	-3.77	
5491.00	20.990	235.760	5122.72	-343.03	-896.92	-1556.86	1651239.50	14340767.56	39°29'28.1618"N	80°57'41.8978"W	1796.74	240.054	1.16	-0.51	2.86	
5586.00	21.880	238.030	5211.15	-351.52	-915.86	-1585.95	1651210.43	14340748.62	39°29'27.9747"N	80°57'42.2689"W	1831.40	239.994	1.28	0.94	2.39	



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'  
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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Clutter Unit 1H
Field	Tyler		API	47-095-02776-0000
Facility	Eldon Pad		Wellbore	Clutter Unit 1H AWB
Slot	Slot H			

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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
5680.00	20.360	236.260	5298.83	-359.64	-934.22	-1614.41	1651181.98	14340730.27	39°29'27.7933"N	80°57'42.6320"W	1865.23	239.943	1.75	-1.62	-1.88	
5703.00	19.670	235.610	5320.44	-361.70	-938.63	-1620.93	1651175.46	14340725.87	39°29'27.7498"N	80°57'42.7152"W	1873.08	239.926	3.15	-3.00	-2.83	BH AT Curve <8-1/2"> (5680')(5703'-24280')
5798.00	18.660	245.060	5410.20	-367.54	-954.07	-1647.91	1651148.49	14340710.43	39°29'27.5973"N	80°57'43.0594"W	1904.17	239.931	3.43	-1.06	9.95	
5892.00	22.470	266.660	5498.32	-364.28	-961.47	-1679.53	1651116.88	14340703.03	39°29'27.5243"N	80°57'43.4628"W	1935.27	240.210	8.97	4.05	22.98	
5987.00	25.350	280.940	5585.23	-349.25	-958.67	-1717.67	1651078.76	14340705.84	39°29'27.5521"N	80°57'43.9492"W	1967.08	240.833	6.78	3.03	15.03	
6082.00	28.850	292.620	5669.85	-323.89	-945.98	-1758.83	1651037.62	14340718.52	39°29'27.6777"N	80°57'44.4742"W	1997.09	241.727	6.69	3.68	12.29	
6177.00	33.610	303.700	5751.13	-287.73	-922.55	-1801.92	1650994.54	14340741.95	39°29'27.9095"N	80°57'45.0237"W	2024.36	242.889	7.84	5.01	11.66	
6272.00	39.000	314.100	5827.73	-240.11	-887.09	-1845.34	1650951.14	14340777.38	39°29'28.2601"N	80°57'45.5773"W	2047.49	244.325	8.60	5.67	10.95	
6316.00†	42.074	318.660	5861.17	-214.13	-866.38	-1865.03	1650931.46	14340798.09	39°29'28.4649"N	80°57'45.8283"W	2056.44	245.083	9.70	6.99	10.36	Sycamore: 6316' MD
6366.00	45.760	323.210	5897.19	-181.57	-839.44	-1886.83	1650909.67	14340825.01	39°29'28.7312"N	80°57'46.1063"W	2065.14	246.016	9.70	7.37	9.10	
6461.00	53.440	328.710	5958.75	-111.77	-779.47	-1927.11	1650869.41	14340884.96	39°29'29.3241"N	80°57'46.6197"W	2078.78	247.978	9.20	8.08	5.79	Middlesex: 6461' MD
6555.00	61.900	330.620	6008.97	-33.98	-710.95	-1967.13	1650829.40	14340953.45	39°29'30.0014"N	80°57'47.1298"W	2091.66	250.129	9.16	9.00	2.03	
6632.00†	68.302	331.603	6041.38	34.78	-649.83	-2000.84	1650795.71	14341014.55	39°29'30.6057"N	80°57'47.5595"W	2103.72	252.007	8.40	8.31	1.28	Burkett: 6632' MD
6650.00	69.800	331.820	6047.81	51.37	-635.02	-2008.81	1650787.74	14341029.35	39°29'30.7520"N	80°57'47.6610"W	2106.79	252.457	8.40	8.32	1.20	
6712.00†	73.452	333.179	6067.35	109.54	-582.84	-2035.96	1650760.60	14341081.51	39°29'31.2679"N	80°57'48.0071"W	2117.75	254.025	6.25	5.89	2.19	Marcellus POE: 6712' MD
6744.00	75.340	333.860	6075.96	140.10	-555.25	-2049.70	1650746.86	14341109.09	39°29'31.5406"N	80°57'48.1823"W	2123.58	254.843	6.25	5.90	2.13	
6839.00	78.530	336.700	6097.44	232.15	-471.21	-2088.38	1650708.20	14341193.10	39°29'32.3714"N	80°57'48.6752"W	2140.88	257.285	4.44	3.36	2.99	
6933.00	86.270	338.920	6109.86	325.09	-385.00	-2123.53	1650673.07	14341279.28	39°29'33.2236"N	80°57'49.1230"W	2158.14	259.724	8.56	8.23	2.36	
7028.00	90.310	336.950	6112.70	419.89	-297.02	-2159.19	1650637.42	14341367.22	39°29'34.0933"N	80°57'49.5775"W	2179.52	262.168	4.73	4.25	-2.07	
7122.00	89.420	336.980	6112.92	513.65	-210.52	-2195.97	1650600.65	14341453.69	39°29'34.9484"N	80°57'50.0462"W	2206.04	264.524	0.95	-0.95	0.03	
7216.00	90.830	338.600	6112.71	607.49	-123.50	-2231.50	1650565.14	14341540.67	39°29'35.8088"N	80°57'50.4989"W	2234.92	266.832	2.28	1.50	1.72	
7311.00	90.490	339.880	6111.62	702.43	-34.67	-2265.17	1650531.48	14341629.46	39°29'36.6866"N	80°57'50.9280"W	2265.44	269.123	1.39	-0.36	1.35	
7406.00	90.990	341.660	6110.39	797.42	55.02	-2296.46	1650500.21	14341719.11	39°29'37.5731"N	80°57'51.3266"W	2297.12	271.372	1.95	0.53	1.87	
7500.00	91.140	342.370	6108.64	891.39	144.41	-2325.48	1650471.20	14341808.47	39°29'38.4567"N	80°57'51.6963"W	2329.95	273.553	0.77	0.16	0.76	
7594.00	91.570	342.060	6106.42	985.34	233.89	-2354.18	1650442.51	14341897.92	39°29'39.3412"N	80°57'52.0620"W	2365.77	275.674	0.56	0.46	-0.33	
7689.00	89.260	339.380	6105.73	1080.32	323.55	-2385.54	1650411.16	14341987.54	39°29'40.2274"N	80°57'52.4616"W	2407.38	277.724	3.72	-2.43	-2.82	
7784.00	91.230	342.150	6105.33	1175.31	413.23	-2416.83	1650379.88	14342077.18	39°29'41.1139"N	80°57'52.8603"W	2451.91	279.703	3.58	2.07	2.92	
7878.00	90.830	341.660	6103.64	1269.28	502.56	-2446.02	1650350.70	14342166.48	39°29'41.9970"N	80°57'53.2322"W	2497.12	281.610	0.67	-0.43	-0.52	
7972.00	90.860	341.700	6102.25	1363.26	591.79	-2475.57	1650321.17	14342255.67	39°29'42.8789"N	80°57'53.6086"W	2545.32	283.444	0.05	0.03	0.04	
8067.00	91.690	342.680	6100.14	1458.22	682.21	-2504.62	1650292.13	14342346.06	39°29'43.7727"N	80°57'53.9787"W	2595.87	285.237	1.35	0.87	1.03	



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 1H
Field	Tyler	API	47-095-02776-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 1H AWB
Slot	Slot H		

WELLPATH DATA (263 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
8161.00	89.820	341.810	6098.90	1552.19	771.72	-2533.28	1650263.48	14342435.53	39°29'44.6575"N	80°57'54.3438"W	2648.22	286.943	2.19	-1.99	-0.93	
8256.00	90.520	341.870	6098.62	1647.18	861.99	-2562.89	1650233.88	14342525.76	39°29'45.5498"N	80°57'54.7211"W	2703.98	288.590	0.74	0.74	0.06	
8351.00	89.570	342.030	6098.54	1742.16	952.31	-2592.32	1650204.46	14342616.05	39°29'46.4426"N	80°57'55.0961"W	2761.71	290.171	1.01	-1.00	0.17	
8445.00	91.380	340.710	6097.76	1836.15	1041.38	-2622.35	1650174.45	14342705.08	39°29'47.3230"N	80°57'55.4787"W	2821.56	291.659	2.38	1.93	-1.40	
8540.00	89.290	342.650	6097.21	1931.14	1131.55	-2652.20	1650144.60	14342795.22	39°29'48.2143"N	80°57'55.8591"W	2883.51	293.105	3.00	-2.20	2.04	
8634.00	90.550	340.230	6097.34	2025.13	1220.66	-2682.12	1650114.70	14342884.29	39°29'49.0951"N	80°57'56.2403"W	2946.83	294.471	2.90	1.34	-2.57	
8729.00	90.890	342.750	6096.14	2120.11	1310.73	-2712.28	1650084.55	14342974.32	39°29'49.9854"N	80°57'56.6245"W	3012.38	295.792	2.68	0.36	2.65	
8823.00	90.800	341.580	6094.76	2214.08	1400.20	-2741.06	1650055.78	14343063.76	39°29'50.8698"N	80°57'56.9913"W	3077.98	297.059	1.25	-0.10	-1.24	
8918.00	92.190	342.680	6092.28	2309.03	1490.58	-2770.20	1650026.65	14343154.10	39°29'51.7631"N	80°57'57.3626"W	3145.77	298.284	1.87	1.46	1.16	
9012.00	89.880	339.490	6090.58	2402.99	1579.47	-2800.67	1649996.20	14343242.96	39°29'52.6418"N	80°57'57.7507"W	3215.35	299.421	4.19	-2.46	-3.39	
9107.00	90.490	343.670	6090.27	2497.97	1669.58	-2830.68	1649966.20	14343333.03	39°29'53.5325"N	80°57'58.1331"W	3286.37	300.533	4.45	0.64	4.40	
9201.00	88.980	340.070	6090.71	2591.94	1758.90	-2859.92	1649936.97	14343422.31	39°29'54.4154"N	80°57'58.5058"W	3357.51	301.592	4.15	-1.61	-3.83	
9296.00	88.770	343.590	6092.57	2686.90	1849.13	-2889.53	1649907.37	14343512.51	39°29'55.3073"N	80°57'58.8831"W	3430.55	302.617	3.71	-0.22	3.71	
9391.00	90.550	342.090	6093.14	2781.84	1939.89	-2917.56	1649879.35	14343603.23	39°29'56.2044"N	80°57'59.2402"W	3503.62	303.620	2.45	1.87	-1.58	
9485.00	91.200	341.790	6091.70	2875.82	2029.25	-2946.70	1649850.22	14343692.56	39°29'57.0877"N	80°57'59.6115"W	3577.83	304.553	0.76	0.69	-0.32	
9580.00	90.890	341.110	6089.97	2970.80	2119.30	-2976.92	1649820.02	14343782.57	39°29'57.9778"N	80°57'59.9965"W	3654.24	305.447	0.79	-0.33	-0.72	
9674.00	90.980	341.410	6088.44	3064.79	2208.30	-3007.11	1649789.84	14343871.54	39°29'58.8575"N	80°58'0.3813"W	3730.86	306.292	0.33	0.10	0.32	
9769.00	91.780	340.150	6086.15	3159.76	2297.98	-3038.38	1649758.59	14343961.18	39°29'59.7440"N	80°58'0.7797"W	3809.52	307.101	1.57	0.84	-1.33	
9863.00	91.450	340.200	6083.50	3253.71	2386.37	-3070.24	1649726.73	14344049.54	39°30'0.6177"N	80°58'1.1858"W	3888.60	307.856	0.36	-0.35	0.05	
9957.00	90.620	338.730	6081.80	3347.65	2474.38	-3103.21	1649693.78	14344137.51	39°30'1.4877"N	80°58'1.6059"W	3968.94	308.568	1.80	-0.88	-1.56	
10052.00	91.450	340.070	6080.09	3442.59	2563.29	-3136.63	1649660.37	14344226.38	39°30'2.3665"N	80°58'2.0318"W	4050.79	309.256	1.66	0.87	1.41	
10147.00	90.830	340.100	6078.19	3537.56	2652.59	-3168.98	1649628.03	14344315.65	39°30'3.2492"N	80°58'2.4442"W	4132.64	309.931	0.65	-0.65	0.03	
10241.00	89.910	337.290	6077.59	3631.47	2740.16	-3203.13	1649593.90	14344403.18	39°30'4.1147"N	80°58'2.8794"W	4215.27	310.546	3.15	-0.98	-2.99	
10336.00	90.860	339.050	6076.95	3726.34	2828.34	-3238.45	1649558.59	14344491.32	39°30'4.9864"N	80°58'3.3296"W	4299.66	311.133	2.11	1.00	1.85	
10430.00	90.860	338.950	6075.54	3820.27	2916.09	-3272.14	1649524.92	14344579.03	39°30'5.8538"N	80°58'3.7589"W	4382.97	311.707	0.11	0.00	-0.11	
10525.00	88.520	340.860	6076.05	3915.24	3005.29	-3304.77	1649492.30	14344668.20	39°30'6.7355"N	80°58'4.1748"W	4466.91	312.283	3.18	-2.46	2.01	
10619.00	90.280	340.000	6077.04	4009.22	3093.85	-3336.26	1649460.83	14344756.73	39°30'7.6109"N	80°58'4.5761"W	4550.00	312.841	2.08	1.87	-0.91	
10714.00	92.280	341.850	6074.91	4104.19	3183.60	-3367.29	1649429.80	14344846.44	39°30'8.4981"N	80°58'4.9716"W	4634.00	313.394	2.87	2.11	1.95	
10809.00	89.970	337.470	6073.05	4199.11	3272.64	-3400.30	1649396.81	14344935.44	39°30'9.3781"N	80°58'5.3922"W	4719.34	313.904	5.21	-2.43	-4.61	
10904.00	90.430	341.860	6072.72	4294.06	3361.69	-3433.30	1649363.82	14345024.46	39°30'10.2584"N	80°58'5.8129"W	4805.05	314.396	4.65	0.48	4.62	



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Clutter Unit 1H
Field	Tyler		API	47-095-02776-0000
Facility	Eldon Pad		Wellbore	Clutter Unit 1H AWB
Slot	Slot H			

WELLPATH DATA (263 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
10998.00	89.290	340.310	6072.95	4388.06	3450.61	-3463.77	1649333.36	14345113.34	39°30'11.1373"N	80°58'6.2012"W	4889.22	314.891	2.05	-1.21	-1.65	
11093.00	92.180	340.730	6071.73	4483.03	3540.16	-3495.45	1649301.70	14345202.85	39°30'12.0224"N	80°58'6.6049"W	4975.02	315.364	3.07	3.04	0.44	
11187.00	89.290	337.520	6070.52	4576.95	3627.96	-3528.93	1649268.23	14345290.62	39°30'12.8903"N	80°58'7.0317"W	5061.17	315.793	4.59	-3.07	-3.41	
11282.00	91.810	344.460	6069.61	4671.88	3717.71	-3559.86	1649237.32	14345380.34	39°30'13.7775"N	80°58'7.4258"W	5147.23	316.243	7.77	2.65	7.31	
11376.00	92.520	339.080	6066.06	4765.77	3806.90	-3589.23	1649207.95	14345469.49	39°30'14.6590"N	80°58'7.8001"W	5232.11	316.688	5.77	0.78	-5.72	
11471.00	88.650	338.800	6065.09	4860.68	3895.53	-3623.36	1649173.84	14345558.08	39°30'15.5352"N	80°58'8.2351"W	5320.14	317.073	4.08	-4.07	-0.29	
11566.00	91.020	341.220	6065.36	4955.65	3984.79	-3655.83	1649141.38	14345647.31	39°30'16.4175"N	80°58'8.6490"W	5407.74	317.465	3.57	2.49	2.55	
11660.00	89.780	338.310	6064.70	5049.61	4072.98	-3688.34	1649108.89	14345735.46	39°30'17.2892"N	80°58'9.0633"W	5494.81	317.837	3.36	-1.32	-3.10	
11754.00	93.020	339.590	6062.41	5143.51	4160.66	-3722.08	1649075.15	14345823.11	39°30'18.1559"N	80°58'9.4935"W	5582.57	318.185	3.71	3.45	1.36	
11849.00	89.780	337.900	6060.09	5238.39	4249.16	-3756.51	1649040.74	14345911.57	39°30'19.0307"N	80°58'9.9323"W	5671.57	318.521	3.85	-3.41	-1.78	
11944.00	90.370	339.610	6059.96	5333.30	4337.70	-3790.93	1649006.33	14346000.08	39°30'19.9059"N	80°58'10.3711"W	5760.80	318.848	1.90	0.62	1.80	
12039.00	91.110	342.640	6058.73	5428.28	4427.57	-3821.66	1648975.62	14346089.91	39°30'20.7942"N	80°58'10.7627"W	5848.80	319.201	3.28	0.78	3.19	
12133.00	89.940	342.970	6057.87	5522.24	4517.37	-3849.45	1648947.84	14346179.67	39°30'21.6817"N	80°58'11.1168"W	5935.05	319.564	1.29	-1.24	0.35	
12228.00	89.910	342.790	6058.00	5617.19	4608.16	-3877.41	1648919.89	14346270.42	39°30'22.5792"N	80°58'11.4732"W	6022.41	319.922	0.19	-0.03	-0.19	
12323.00	89.940	342.220	6058.12	5712.16	4698.76	-3905.97	1648891.34	14346360.99	39°30'23.4747"N	80°58'11.8371"W	6110.23	320.264	0.60	0.03	-0.60	
12417.00	90.090	341.080	6058.10	5806.15	4787.98	-3935.56	1648861.76	14346450.18	39°30'24.3566"N	80°58'12.2143"W	6197.85	320.581	1.22	0.16	-1.21	
12512.00	90.550	341.280	6057.57	5901.15	4877.90	-3966.21	1648831.13	14346540.06	39°30'25.2454"N	80°58'12.6049"W	6286.87	320.886	0.53	0.48	0.21	
12607.00	90.980	341.390	6056.30	5996.14	4967.89	-3996.61	1648800.74	14346630.02	39°30'26.1350"N	80°58'12.9924"W	6375.96	321.184	0.47	0.45	0.12	
12701.00	91.200	341.780	6054.51	6090.12	5057.06	-4026.30	1648771.06	14346719.15	39°30'27.0164"N	80°58'13.3708"W	6464.13	321.474	0.48	0.23	0.41	
12796.00	91.320	341.640	6052.42	6185.09	5147.24	-4056.10	1648741.27	14346809.30	39°30'27.9077"N	80°58'13.7507"W	6553.33	321.761	0.19	0.13	-0.15	
12891.00	90.650	341.730	6050.79	6280.07	5237.42	-4085.95	1648711.43	14346899.43	39°30'28.7990"N	80°58'14.1311"W	6642.71	322.041	0.71	-0.71	0.09	
12986.00	91.140	341.890	6049.30	6375.05	5327.66	-4115.60	1648681.79	14346989.64	39°30'29.6910"N	80°58'14.5090"W	6732.17	322.314	0.54	0.52	0.17	
13080.00	91.260	342.440	6047.34	6469.01	5417.12	-4144.39	1648653.02	14347079.06	39°30'30.5753"N	80°58'14.8759"W	6820.64	322.582	0.60	0.13	0.59	
13175.00	89.540	342.940	6046.67	6563.96	5507.81	-4172.65	1648624.76	14347169.72	39°30'31.4717"N	80°58'15.2361"W	6909.92	322.853	1.89	-1.81	0.53	
13269.00	89.630	342.070	6047.35	6657.93	5597.46	-4200.91	1648596.52	14347259.33	39°30'32.3579"N	80°58'15.5963"W	6998.52	323.112	0.93	0.10	-0.93	
13364.00	89.690	341.910	6047.92	6752.92	5687.80	-4230.28	1648567.16	14347349.64	39°30'33.2508"N	80°58'15.9707"W	7088.47	323.360	0.18	0.06	-0.17	
13458.00	89.910	342.100	6048.24	6846.90	5777.21	-4259.32	1648538.13	14347439.00	39°30'34.1345"N	80°58'16.3408"W	7177.60	323.600	0.31	0.23	0.20	
13553.00	90.460	340.460	6047.94	6941.90	5867.18	-4289.81	1648507.65	14347528.94	39°30'35.0238"N	80°58'16.7294"W	7268.17	323.827	1.82	0.58	-1.73	
13647.00	91.140	341.470	6046.63	7035.89	5956.03	-4320.46	1648477.01	14347617.75	39°30'35.9021"N	80°58'17.1202"W	7358.03	324.043	1.30	0.72	1.07	
13742.00	90.980	343.210	6044.87	7130.84	6046.53	-4349.28	1648448.21	14347708.22	39°30'36.7966"N	80°58'17.4874"W	7448.27	324.272	1.84	-0.17	1.83	



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 1H
Field	Tyler	API	47-095-02776-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 1H AWB
Slot	Slot H		

## WELLPATH DATA (263 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
13836.00	89.510	343.570	6044.47	7224.76	6136.60	-4376.15	1648421.35	14347798.26	39°30'37.6869"N	80°58'17.8299"W	7537.15	324.506	1.61	-1.56	0.38	
13931.00	91.050	340.110	6044.00	7319.74	6226.85	-4405.75	1648391.76	14347888.47	39°30'38.5790"N	80°58'18.2072"W	7627.87	324.719	3.99	1.62	-3.64	
14025.00	89.970	342.990	6043.16	7413.72	6316.01	-4435.49	1648362.03	14347977.59	39°30'39.4602"N	80°58'18.5863"W	7717.87	324.921	3.27	-1.15	3.06	
14120.00	90.400	342.110	6042.86	7508.68	6406.64	-4463.98	1648333.55	14348068.18	39°30'40.3560"N	80°58'18.9494"W	7808.46	325.132	1.03	0.45	-0.93	
14214.00	90.400	341.640	6042.20	7602.67	6495.97	-4493.22	1648304.32	14348157.48	39°30'41.2390"N	80°58'19.3222"W	7898.52	325.329	0.50	0.00	-0.50	
14309.00	90.150	342.440	6041.75	7697.66	6586.34	-4522.52	1648275.04	14348247.81	39°30'42.1323"N	80°58'19.6956"W	7989.56	325.525	0.88	-0.26	0.84	
14404.00	89.570	341.910	6041.98	7792.64	6676.78	-4551.60	1648245.97	14348338.21	39°30'43.0262"N	80°58'20.0662"W	8080.62	325.718	0.83	-0.61	-0.56	
14498.00	89.970	341.740	6042.36	7886.63	6766.09	-4580.92	1648216.66	14348427.49	39°30'43.9090"N	80°58'20.4400"W	8170.97	325.900	0.46	0.43	-0.18	
14593.00	89.750	341.890	6042.59	7981.62	6856.34	-4610.57	1648187.03	14348517.71	39°30'44.8011"N	80°58'20.8179"W	8262.37	326.081	0.28	-0.23	0.16	
14687.00	90.080	342.040	6042.74	8075.61	6945.72	-4639.67	1648157.94	14348607.05	39°30'45.6845"N	80°58'21.1889"W	8352.82	326.258	0.37	0.33	0.16	
14782.00	90.650	342.230	6042.15	8170.59	7036.14	-4668.81	1648128.81	14348697.43	39°30'46.5782"N	80°58'21.5604"W	8444.23	326.434	0.65	0.62	0.20	
14876.00	91.170	339.480	6040.66	8264.57	7124.92	-4699.63	1648098.00	14348786.18	39°30'47.4558"N	80°58'21.9533"W	8535.28	326.591	2.98	0.55	-2.93	
14970.00	90.460	340.110	6039.32	8358.53	7213.13	-4732.09	1648065.55	14348874.35	39°30'48.3277"N	80°58'22.3671"W	8626.81	326.734	1.01	-0.76	0.67	
15065.00	90.580	340.620	6038.46	8453.52	7302.60	-4764.01	1648033.64	14348963.78	39°30'49.2120"N	80°58'22.7741"W	8719.16	326.881	0.55	0.13	0.54	
15160.00	90.090	338.980	6037.91	8548.49	7391.75	-4796.82	1648000.85	14349052.90	39°30'50.0932"N	80°58'23.1923"W	8811.78	327.019	1.80	-0.52	-1.73	
15254.00	90.680	339.970	6037.28	8642.45	7479.78	-4829.77	1647967.91	14349140.89	39°30'50.9634"N	80°58'23.6124"W	8903.58	327.149	1.23	0.63	1.05	
15349.00	89.600	340.360	6037.04	8737.44	7569.14	-4862.01	1647935.69	14349230.22	39°30'51.8467"N	80°58'24.0234"W	8996.17	327.286	1.21	-1.14	0.41	
15443.00	89.660	337.720	6037.65	8831.37	7656.91	-4895.63	1647902.08	14349317.95	39°30'52.7142"N	80°58'24.4520"W	9088.20	327.406	2.81	0.06	-2.81	
15538.00	90.620	339.100	6037.42	8926.27	7745.24	-4930.58	1647867.14	14349406.25	39°30'53.5873"N	80°58'24.8977"W	9181.47	327.519	1.77	1.01	1.45	
15632.00	89.260	340.720	6037.52	9020.24	7833.52	-4962.87	1647834.86	14349494.49	39°30'54.4599"N	80°58'25.3093"W	9273.30	327.644	2.25	-1.45	1.72	
15727.00	89.600	338.450	6038.46	9115.20	7922.54	-4996.00	1647801.74	14349583.48	39°30'55.3398"N	80°58'25.7318"W	9366.25	327.764	2.42	0.36	-2.39	
15821.00	89.660	340.720	6039.07	9209.16	8010.63	-5028.79	1647768.97	14349671.53	39°30'56.2105"N	80°58'26.1498"W	9458.27	327.881	2.42	0.06	2.41	
15916.00	90.060	341.310	6039.30	9304.16	8100.46	-5059.70	1647738.08	14349761.33	39°30'57.0984"N	80°58'26.5438"W	9550.81	328.010	0.75	0.42	0.62	
16010.00	90.220	340.930	6039.07	9398.16	8189.40	-5090.11	1647707.67	14349850.23	39°30'57.9776"N	80°58'26.9316"W	9642.38	328.137	0.44	0.17	-0.40	
16104.00	90.150	341.860	6038.77	9492.15	8278.49	-5120.10	1647677.70	14349939.28	39°30'58.8581"N	80°58'27.3139"W	9733.90	328.264	0.99	-0.07	0.99	
16199.00	90.120	339.270	6038.54	9587.14	8368.07	-5151.71	1647646.10	14350028.83	39°30'59.7436"N	80°58'27.7169"W	9826.73	328.382	2.73	-0.03	-2.73	
16294.00	90.800	340.610	6037.78	9682.12	8457.30	-5184.29	1647613.53	14350118.02	39°31'0.6255"N	80°58'28.1323"W	9919.82	328.492	1.58	0.72	1.41	
16388.00	91.790	342.020	6035.66	9776.09	8546.32	-5214.40	1647583.44	14350207.00	39°31'1.5054"N	80°58'28.5161"W	10011.47	328.611	1.83	1.05	1.50	
16482.00	89.140	341.180	6034.89	9870.07	8635.50	-5244.07	1647553.78	14350296.15	39°31'2.3869"N	80°58'28.8944"W	10103.07	328.731	2.96	-2.82	-0.89	
16577.00	90.000	339.350	6035.61	9965.06	8724.91	-5276.14	1647521.72	14350385.53	39°31'3.2707"N	80°58'29.3033"W	10196.17	328.838	2.13	0.91	-1.93	





# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 1H
Field	Tyler	API	47-095-02776-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 1H AWP
Slot	Slot H		

WELLPATH DATA (263 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
16671.00	91.970	340.560	6033.99	10059.02	8813.20	-5308.35	1647489.52	14350473.78	39°31'4.1434"N	80°58'29.7141"W	10288.40	328.939	2.46	2.10	1.29	
16766.00	88.830	342.260	6033.33	10154.00	8903.23	-5338.63	1647459.25	14350563.77	39°31'5.0332"N	80°58'30.1001"W	10381.16	329.052	3.76	-3.31	1.79	
16861.00	90.220	340.070	6034.12	10248.99	8993.13	-5369.30	1647428.60	14350653.64	39°31'5.9218"N	80°58'30.4911"W	10474.05	329.161	2.73	1.46	-2.31	
16955.00	91.750	341.850	6032.50	10342.97	9081.97	-5399.96	1647397.95	14350742.44	39°31'6.7999"N	80°58'30.8820"W	10566.06	329.265	2.50	1.63	1.89	
17050.00	91.630	342.890	6029.70	10437.90	9172.47	-5428.72	1647369.20	14350832.90	39°31'7.6944"N	80°58'31.2487"W	10658.57	329.381	1.10	-0.13	1.09	
17145.00	90.830	341.500	6027.66	10532.86	9262.89	-5457.76	1647340.17	14350923.29	39°31'8.5882"N	80°58'31.6189"W	10751.20	329.493	1.69	-0.84	-1.46	
17240.00	90.980	341.300	6026.16	10627.84	9352.92	-5488.06	1647309.89	14351013.28	39°31'9.4781"N	80°58'32.0052"W	10844.16	329.597	0.26	0.16	-0.21	
17334.00	92.340	341.890	6023.43	10721.80	9442.07	-5517.72	1647280.23	14351102.40	39°31'10.3593"N	80°58'32.3835"W	10936.08	329.699	1.58	1.45	0.63	
17429.00	91.380	341.410	6020.35	10816.74	9532.19	-5547.62	1647250.35	14351192.48	39°31'11.2500"N	80°58'32.7646"W	11028.99	329.801	1.13	-1.01	-0.51	
17524.00	91.050	340.640	6018.34	10911.72	9622.01	-5578.50	1647219.48	14351282.26	39°31'12.1378"N	80°58'33.1583"W	11122.17	329.896	0.88	-0.35	-0.81	
17618.00	91.290	341.170	6016.42	11005.70	9710.82	-5609.24	1647188.75	14351371.03	39°31'13.0156"N	80°58'33.5503"W	11214.43	329.988	0.62	0.26	0.56	
17713.00	90.520	340.700	6014.92	11100.69	9800.59	-5640.27	1647157.74	14351460.77	39°31'13.9030"N	80°58'33.9460"W	11307.71	330.079	0.95	-0.81	-0.49	
17807.00	90.150	340.930	6014.37	11194.68	9889.37	-5671.16	1647126.86	14351549.52	39°31'14.7805"N	80°58'34.3398"W	11400.07	330.167	0.46	-0.39	0.24	
17902.00	90.280	340.970	6014.01	11289.68	9979.17	-5702.17	1647095.87	14351639.28	39°31'15.6681"N	80°58'34.7352"W	11493.41	330.256	0.14	0.14	0.04	
17997.00	90.340	341.510	6013.50	11384.68	10069.12	-5732.72	1647065.33	14351729.19	39°31'16.5572"N	80°58'35.1248"W	11586.68	330.346	0.57	0.06	0.57	
18092.00	90.280	341.170	6012.98	11479.68	10159.12	-5763.11	1647034.94	14351819.16	39°31'17.4468"N	80°58'35.5123"W	11679.95	330.434	0.36	-0.06	-0.36	
18187.00	90.370	341.440	6012.44	11574.67	10249.11	-5793.56	1647004.51	14351909.11	39°31'18.3362"N	80°58'35.9006"W	11773.26	330.522	0.30	0.09	0.28	
18281.00	90.370	340.980	6011.84	11668.67	10338.10	-5823.84	1646974.24	14351998.06	39°31'19.2158"N	80°58'36.2866"W	11865.64	330.606	0.49	0.00	-0.49	
18376.00	90.400	340.940	6011.20	11763.67	10427.90	-5854.83	1646943.26	14352087.83	39°31'20.1034"N	80°58'36.6818"W	11959.10	330.688	0.05	0.03	-0.04	
18471.00	90.370	341.150	6010.56	11858.67	10517.74	-5885.69	1646912.42	14352177.64	39°31'20.9915"N	80°58'37.0753"W	12052.56	330.769	0.22	-0.03	0.22	
18565.00	90.280	341.350	6010.03	11952.66	10606.75	-5915.90	1646882.21	14352266.61	39°31'21.8713"N	80°58'37.4606"W	12145.00	330.849	0.23	-0.10	0.21	
18660.00	90.060	340.990	6009.75	12047.66	10696.67	-5946.56	1646851.56	14352356.49	39°31'22.7600"N	80°58'37.8515"W	12238.48	330.929	0.44	-0.23	-0.38	
18755.00	90.090	340.710	6009.62	12142.66	10786.41	-5977.73	1646820.41	14352446.20	39°31'23.6470"N	80°58'38.2489"W	12332.07	331.005	0.30	0.03	-0.29	
18850.00	89.720	340.970	6009.78	12237.66	10876.15	-6008.91	1646789.25	14352535.90	39°31'24.5340"N	80°58'38.6465"W	12425.68	331.080	0.48	-0.39	0.27	
18944.00	90.250	340.240	6009.80	12331.66	10964.81	-6040.12	1646758.04	14352624.53	39°31'25.4104"N	80°58'39.0446"W	12518.40	331.151	0.96	0.56	-0.78	
19039.00	90.860	340.130	6008.88	12426.64	11054.18	-6072.33	1646725.85	14352713.86	39°31'26.2937"N	80°58'39.4552"W	12612.22	331.219	0.65	0.64	-0.12	
19134.00	90.370	341.140	6007.86	12521.63	11143.80	-6103.82	1646694.37	14352803.45	39°31'27.1796"N	80°58'39.8569"W	12705.94	331.289	1.18	-0.52	1.06	
19229.00	90.340	341.030	6007.27	12616.63	11233.67	-6134.62	1646663.59	14352893.28	39°31'28.0678"N	80°58'40.2496"W	12799.57	331.361	0.12	-0.03	-0.12	
19323.00	90.150	340.940	6006.87	12710.63	11322.54	-6165.24	1646632.97	14352982.11	39°31'28.9462"N	80°58'40.6402"W	12892.25	331.431	0.22	-0.20	-0.10	
19418.00	90.280	341.000	6006.52	12805.63	11412.35	-6196.22	1646602.01	14353071.88	39°31'29.8339"N	80°58'41.0352"W	12985.95	331.501	0.15	0.14	0.06	



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 1H
Field	Tyler	API	47-095-02776-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 1H AWP
Slot	Slot H		

WELLPATH DATA (263 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
19513.00	90.090	341.000	6006.21	12900.63	11502.17	-6227.15	1646571.09	14353161.67	39°31'30.7217"N	80°58'41.4296"W	13079.66	331.569	0.20	-0.20	0.00	
19607.00	90.180	341.270	6005.99	12994.63	11591.12	-6257.54	1646540.71	14353250.59	39°31'31.6009"N	80°58'41.8172"W	13172.36	331.637	0.30	0.10	0.29	
19702.00	90.310	341.190	6005.58	13089.63	11681.07	-6288.11	1646510.16	14353340.50	39°31'32.4900"N	80°58'42.2070"W	13266.04	331.706	0.16	0.14	-0.08	
19797.00	90.400	341.370	6004.99	13184.62	11771.04	-6318.60	1646479.68	14353430.43	39°31'33.3793"N	80°58'42.5958"W	13359.72	331.773	0.21	0.09	0.19	
19891.00	90.340	341.180	6004.39	13278.62	11860.07	-6348.78	1646449.52	14353519.42	39°31'34.2592"N	80°58'42.9806"W	13452.44	331.840	0.21	-0.06	-0.20	
19986.00	90.430	341.600	6003.75	13373.62	11950.10	-6379.09	1646419.21	14353609.41	39°31'35.1491"N	80°58'43.3672"W	13546.13	331.906	0.45	0.09	0.44	
20080.00	90.000	341.090	6003.39	13467.62	12039.16	-6409.16	1646389.16	14353698.44	39°31'36.0293"N	80°58'43.7507"W	13638.86	331.971	0.71	-0.46	-0.54	
20175.00	90.340	340.800	6003.11	13562.61	12128.95	-6440.17	1646358.15	14353788.20	39°31'36.9169"N	80°58'44.1462"W	13732.71	332.033	0.47	0.36	-0.31	
20270.00	90.650	341.440	6002.29	13657.61	12218.84	-6470.91	1646327.43	14353878.05	39°31'37.8053"N	80°58'44.5382"W	13826.52	332.095	0.75	0.33	0.67	
20364.00	90.620	341.140	6001.25	13751.60	12307.86	-6501.07	1646297.29	14353967.04	39°31'38.6853"N	80°58'44.9227"W	13919.31	332.157	0.32	-0.03	-0.32	
20459.00	90.830	341.230	6000.05	13846.60	12397.78	-6531.70	1646266.66	14354056.92	39°31'39.5740"N	80°58'45.3134"W	14013.14	332.218	0.24	0.22	0.09	
20554.00	90.740	341.060	5998.75	13941.59	12487.67	-6562.40	1646235.98	14354146.77	39°31'40.4625"N	80°58'45.7050"W	14106.99	332.278	0.20	-0.09	-0.18	
20648.00	90.710	341.470	5997.56	14035.58	12576.68	-6592.59	1646205.80	14354235.75	39°31'41.3423"N	80°58'46.0900"W	14199.83	332.337	0.44	-0.03	0.44	
20743.00	90.400	340.910	5996.64	14130.57	12666.61	-6623.22	1646175.18	14354325.64	39°31'42.2311"N	80°58'46.4806"W	14293.70	332.395	0.67	-0.33	-0.59	
20837.00	90.060	341.090	5996.26	14224.57	12755.48	-6653.82	1646144.59	14354414.48	39°31'43.1096"N	80°58'46.8709"W	14386.65	332.451	0.41	-0.36	0.19	
20932.00	90.430	341.180	5995.85	14319.57	12845.38	-6684.54	1646113.89	14354504.34	39°31'43.9981"N	80°58'47.2626"W	14480.57	332.508	0.40	0.39	0.09	
21026.00	90.770	341.070	5994.87	14413.57	12934.32	-6714.95	1646083.49	14354593.24	39°31'44.8772"N	80°58'47.6505"W	14573.51	332.564	0.38	0.36	-0.12	
21121.00	90.980	341.190	5993.42	14508.55	13024.20	-6745.67	1646052.78	14354683.09	39°31'45.7656"N	80°58'48.0423"W	14667.44	332.619	0.25	0.22	0.13	
21216.00	90.180	341.150	5992.46	14603.55	13114.11	-6776.33	1646022.13	14354772.96	39°31'46.6543"N	80°58'48.4333"W	14761.39	332.674	0.84	-0.84	-0.04	
21311.00	91.200	341.010	5991.31	14698.54	13203.97	-6807.13	1645991.35	14354862.79	39°31'47.5425"N	80°58'48.8261"W	14855.37	332.727	1.08	1.07	-0.15	
21405.00	90.950	340.630	5989.55	14792.52	13292.74	-6838.01	1645960.48	14354951.52	39°31'48.4199"N	80°58'49.2200"W	14948.42	332.778	0.48	-0.27	-0.40	
21500.00	90.680	341.990	5988.20	14887.51	13382.72	-6868.45	1645930.05	14355041.46	39°31'49.3092"N	80°58'49.6082"W	15042.36	332.832	1.46	-0.28	1.43	
21594.00	90.310	342.140	5987.39	14981.49	13472.15	-6897.39	1645901.12	14355130.85	39°31'50.1931"N	80°58'49.9773"W	15135.15	332.889	0.42	-0.39	0.16	
21689.00	90.710	341.580	5986.54	15076.48	13562.42	-6926.97	1645871.56	14355221.09	39°31'51.0854"N	80°58'50.3545"W	15228.99	332.944	0.72	0.42	-0.59	
21784.00	90.490	341.540	5985.55	15171.47	13652.54	-6957.01	1645841.52	14355311.17	39°31'51.9761"N	80°58'50.7378"W	15322.92	332.998	0.24	-0.23	-0.04	
21879.00	91.020	341.190	5984.29	15266.46	13742.55	-6987.37	1645811.18	14355401.15	39°31'52.8658"N	80°58'51.1249"W	15416.91	333.049	0.67	0.56	-0.37	
21973.00	90.980	341.260	5982.65	15360.44	13831.53	-7017.62	1645780.94	14355490.10	39°31'53.7453"N	80°58'51.5107"W	15509.94	333.098	0.09	-0.04	0.07	
22068.00	90.800	341.140	5981.18	15455.43	13921.46	-7048.23	1645750.34	14355579.98	39°31'54.6341"N	80°58'51.9012"W	15603.99	333.148	0.23	-0.19	-0.13	
22163.00	90.340	341.200	5980.23	15550.43	14011.37	-7078.89	1645719.70	14355669.86	39°31'55.5228"N	80°58'52.2922"W	15698.06	333.196	0.49	-0.48	0.06	
22257.00	90.400	341.140	5979.63	15644.43	14100.33	-7109.23	1645689.37	14355758.79	39°31'56.4021"N	80°58'52.6792"W	15791.15	333.243	0.09	0.06	-0.06	



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 1H
Field	Tyler	API	47-095-02776-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 1H AWB
Slot	Slot H		

WELLPATH DATA (263 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
22352.00	90.490	341.200	5978.89	15739.42	14190.25	-7139.89	1645658.72	14355848.66	39°31'57.2908"N	80°58'53.0703"W	15885.25	333.291	0.11	0.09	0.06	
22447.00	90.490	340.990	5978.08	15834.42	14280.12	-7170.67	1645627.95	14355938.50	39°31'58.1791"N	80°58'53.4629"W	15979.37	333.337	0.22	0.00	-0.22	
22541.00	90.220	341.050	5977.49	15928.42	14369.01	-7201.24	1645597.39	14356027.35	39°31'59.0577"N	80°58'53.8528"W	16072.53	333.382	0.29	-0.29	0.06	
22636.00	90.150	341.090	5977.19	16023.42	14458.87	-7232.06	1645566.59	14356117.18	39°31'59.9459"N	80°58'54.2459"W	16166.68	333.427	0.08	-0.07	0.04	
22730.00	90.090	341.030	5976.99	16117.42	14547.78	-7262.57	1645536.09	14356206.05	39°32'0.8247"N	80°58'54.6351"W	16259.85	333.471	0.09	-0.06	-0.06	
22824.00	89.910	340.980	5976.99	16211.42	14636.66	-7293.16	1645505.51	14356294.90	39°32'1.7032"N	80°58'55.0254"W	16353.04	333.514	0.20	-0.19	-0.05	
22919.00	89.910	340.900	5977.14	16306.42	14726.45	-7324.19	1645474.50	14356384.65	39°32'2.5907"N	80°58'55.4211"W	16447.25	333.557	0.08	0.00	-0.08	
23014.00	89.910	341.000	5977.29	16401.42	14816.25	-7355.20	1645443.50	14356474.42	39°32'3.4782"N	80°58'55.8166"W	16541.47	333.599	0.11	0.00	0.11	
23108.00	89.780	341.110	5977.54	16495.42	14905.16	-7385.71	1645412.99	14356563.29	39°32'4.3570"N	80°58'56.2059"W	16634.68	333.641	0.18	-0.14	0.12	
23202.00	89.850	341.460	5977.85	16589.41	14994.19	-7415.87	1645382.85	14356652.28	39°32'5.2370"N	80°58'56.5906"W	16727.84	333.684	0.38	0.07	0.37	
23297.00	90.150	341.230	5977.85	16684.41	15084.19	-7446.26	1645352.47	14356742.25	39°32'6.1266"N	80°58'56.9782"W	16822.00	333.727	0.40	0.32	-0.24	
23392.00	90.340	341.180	5977.44	16779.41	15174.13	-7476.87	1645321.88	14356832.15	39°32'7.0155"N	80°58'57.3686"W	16916.20	333.769	0.21	0.20	-0.05	
23486.00	90.310	341.090	5976.91	16873.41	15263.08	-7507.26	1645291.49	14356921.06	39°32'7.8947"N	80°58'57.7563"W	17009.42	333.809	0.10	-0.03	-0.10	
23580.00	90.430	341.350	5976.30	16967.41	15352.07	-7537.52	1645261.25	14357010.02	39°32'8.7743"N	80°58'58.1424"W	17102.64	333.850	0.30	0.13	0.28	
23675.00	91.260	341.590	5974.90	17062.39	15442.14	-7567.71	1645231.07	14357100.05	39°32'9.6645"N	80°58'58.5274"W	17196.80	333.892	0.91	0.87	0.25	
23769.00	90.920	341.420	5973.11	17156.37	15531.26	-7597.52	1645201.27	14357189.14	39°32'10.5454"N	80°58'58.9077"W	17289.95	333.933	0.40	-0.36	-0.18	
23864.00	91.080	341.330	5971.45	17251.36	15621.27	-7627.86	1645170.95	14357279.12	39°32'11.4351"N	80°58'59.2947"W	17384.14	333.974	0.19	0.17	-0.09	
23958.00	91.050	341.200	5969.70	17345.34	15710.28	-7658.05	1645140.77	14357368.09	39°32'12.3148"N	80°58'59.6798"W	17477.37	334.013	0.14	-0.03	-0.14	
24053.00	91.170	341.300	5967.86	17440.32	15800.22	-7688.58	1645110.25	14357457.99	39°32'13.2037"N	80°59'0.0693"W	17571.60	334.052	0.16	0.13	0.11	
24148.00	91.080	341.180	5966.00	17535.30	15890.16	-7719.12	1645079.72	14357547.89	39°32'14.0927"N	80°59'0.4589"W	17665.84	334.090	0.16	-0.09	-0.13	
24242.00	91.140	341.240	5964.18	17629.29	15979.13	-7749.40	1645049.46	14357636.83	39°32'14.9721"N	80°59'0.8451"W	17759.10	334.128	0.09	0.06	0.06	
24280.00	91.170	340.660	5963.41	17667.28	16015.04	-7761.80	1645037.06	14357672.73	39°32'15.3270"N	80°59'1.0033"W	17796.83	334.143	1.53	0.08	-1.53	
24305.00‡	91.170	340.660	5962.90	17692.27	16038.63	-7770.07	1645028.79	14357696.30	39°32'15.5601"N	80°59'1.1089"W	17821.66	334.152	0.00	0.00	0.00	Projected MD at TD: 24305'



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 1H
Field	Tyler	API	47-095-02776-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 1H AWB
Slot	Slot H		

## HOLE & CASING SECTIONS - Ref Wellbore: Clutter Unit 1H AWB Ref Wellpath: Clutter Unit 1H AWP Proj: 24305'

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	0.14	0.32
17.5in Open Hole	130.00	350.00	220.00	130.00	350.00	0.14	0.32	0.68	0.77
13.375in Casing Surface	30.00	330.00	300.00	30.00	330.00	0.00	0.00	0.63	0.77
12.25in Open Hole	350.00	2919.00	2569.00	350.00	2754.82	0.68	0.77	-433.32	-679.13
9.625in Casing Intermediate	30.00	2892.00	2862.00	30.00	2730.07	0.00	0.00	-426.09	-671.12
8.75in Open Hole	2919.00	5757.00	2838.00	2754.82	5371.40	-433.32	-679.13	-948.05	-1636.12
8.5in Open Hole	5757.00	24305.00	18548.00	5371.40	5962.90	-948.05	-1636.12	16038.63	-7770.07
5.5in Casing Production	30.00	24285.00	24255.00	30.00	5963.31	0.00	0.00	16019.76	-7763.45



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'  
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### REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 1H
Field	Tyler	API	47-095-02776-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 1H AWB
Slot	Slot H		

### TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Clutter Unit 1H BHL Rev-3	5951.07	16070.82	-7793.42	1645005.45	14357728.48	39°32'15.8783"N	80°59'1.4068"W	point
Clutter Unit 1H POE Rev-3	6058.00	-623.18	-2022.57	1650773.98	14341041.19	39°29'30.8692"N	80°57'47.8366"W	point
Clutter Unit 1H AZI Rev-3	6100.52	-127.06	-2234.43	1650562.21	14341537.11	39°29'35.7733"N	80°57'50.5363"W	point
Clutter Unit 1H LP Rev-3	6103.00	-390.27	-2129.27	1650667.32	14341274.01	39°29'33.1715"N	80°57'49.1963"W	point
Clutter Unit 1H 50' L/R Hard Line Rev-2	6500.00	7964.43	-5011.37	1647786.39	14349625.34	39°30'55.7538"N	80°58'25.9276"W	rectangle
2D Rectangle 17141 x 100.								

### WELLPATH COMPOSITION - Ref Wellbore: Clutter Unit 1H AWB Ref Wellpath: Clutter Unit 1H AWP Proj: 24305'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	261.00	Gyrodata 2015 - GC+WMR+DPIPE	01 Gyrodata MS Gyro <17-1/2"> (100'-261')	Clutter Unit 1H AWB	6/15/2022
261.00	2846.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (261')(418'-2846')	Clutter Unit 1H AWB	6/15/2022
2846.00	5680.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (2846')(2936'-5680')	Clutter Unit 1H AWB	8/12/2022
5680.00	24305.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (5680')(5703'-24280')	Clutter Unit 1H AWB	8/12/2022



# Actual Wellpath Report

Clutter Unit 1H AWP Proj: 24305'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 1H
Field	Tyler	API	47-095-02776-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 1H AWB
Slot	Slot H		

## COMMENTS

### Wellpath general comments

API: 47-095-02776-0000

BH Job #: 111394532

Rig: H&P 519

Duration: 8/15/2022-8/20/2022

Gyrodatta MS Gyro <17-1/2"> (100'-261')

APS EM <12-1/4"> (261')(418'-2846')

APS EM <8-3/4"> (2846')(2936'-5680')

BH AT Curve <8-1/2"> (5680')(5703'-24280')

Sycamore: 6316' MD

Middlesex: 6461' MD

Burkett: 6632' MD

Marcellus POE: 6712' MD

Projected MD at TD: 24305'