



ANTERO RESOURCES CORPORATION

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

Slot: Slot I
Well: Clutter Unit 2H
Wellbore: Clutter Unit 2H PWB

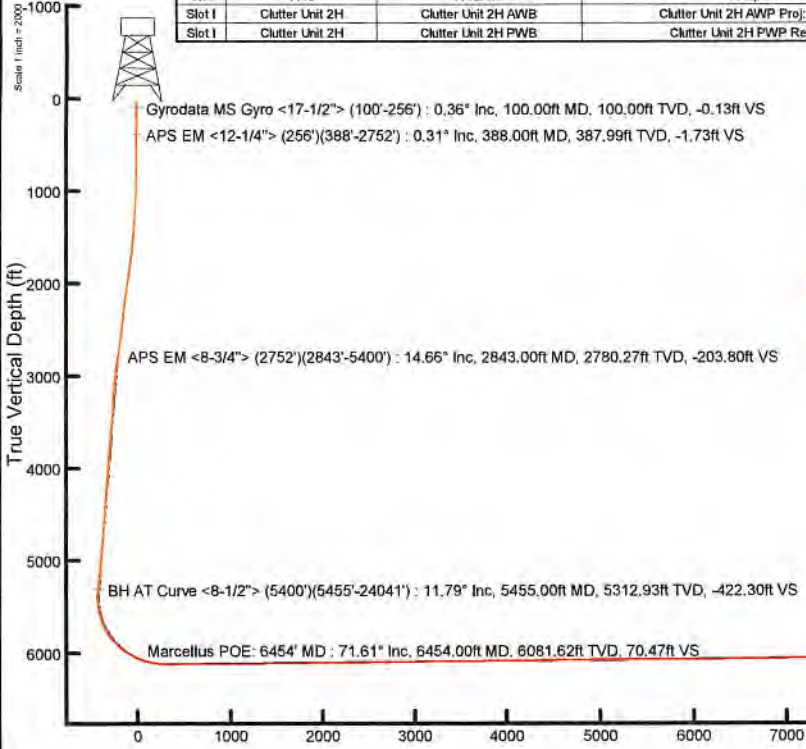


RKB reference wellpath is Clutter Unit 2H PWP Rev-C.0	Grid System: NAD27 / UTM Zone 17 North, US feet
Tier medical depths are referenced to H&P 519 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 519 (RKB)	Scale: True distance
H&P 519 (RKB) to Mean Sea Level: 910 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot I): -880 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: edstaryan on 2022-09-06; Database: WA_MPL_EASTERN_E_Deln

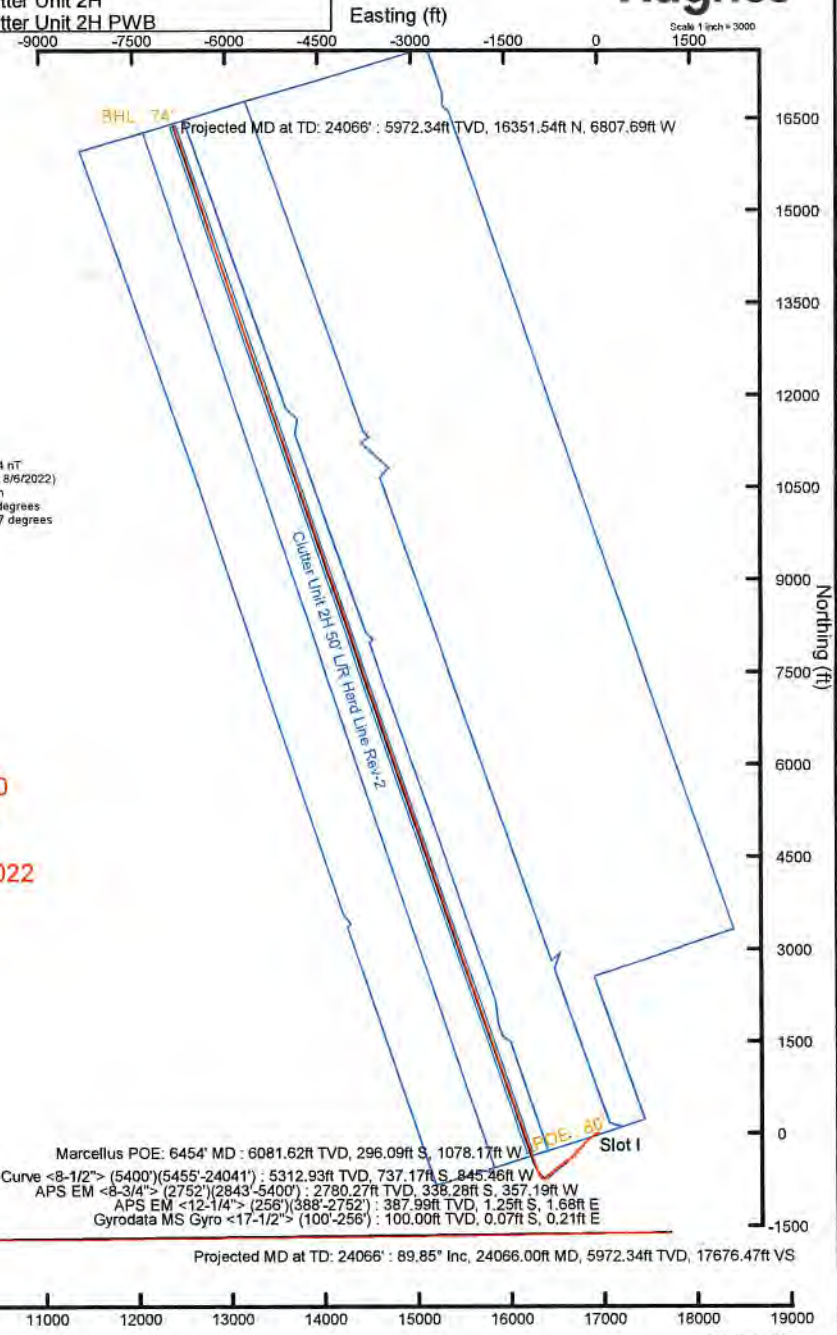
Location Information					
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
Eldon Pad	1652348.400	14341593.070	39°29'36.3190"N	80°57'27.7430"W	
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude
Slot I	66.06	461.66	1652809.870	14341659.100	39°29'36.9696"N
Comment: Clutter Unit 2H					
H&P 519 (RKB) to Ground level (At Slot: Slot I)	30ft				
Mean Sea Level to Ground level (At Slot: Slot I)	-880ft				
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)	DLS ("/100ft)	VS (ft)
Tie On	2752.00	14.630	217.400	2692.22	-319.63	-343.74	1.04	-190.53
Proj. to Bottom	2825.00	14.630	217.400	2762.86	-334.27	-354.94	0.00	-200.74
Drill Out	2995.00	14.630	217.400	2840.26	-350.33	-367.21	0.00	-211.93
End of 3D Arc	3081.96	13.309	231.047	3012.03	-380.89	-386.64	2.00	-231.27
Curve KOP	5488.47	13.309	231.047	5353.91	-729.18	-827.46	0.00	-420.60
POE	6420.73	69.575	341.030	6075.00	-324.76	-1091.25	8.00	47.61
Landing Pt.	6682.30	90.500	341.030	6120.00	-82.46	-1174.53	8.00	303.80
BHL	24086.06	90.500	341.030	5968.13	16375.44	-9631.81	0.00	17706.91

Well Data			
Slot	Well	Wellbore	Wellpath
Slot I	Clutter Unit 2H	Clutter Unit 2H AWB	Clutter Unit 2H AWP Proj: 24066'
Slot I	Clutter Unit 2H	Clutter Unit 2H PWB	Clutter Unit 2H PWP Rev-C.0



API: 47-095-02782-0000
BH Job #: 111394535
Rig: H&P 519
Duration: 8/7/2022-8/11/2022



Marcellus POE: 6454' MD : 6081.62ft TVD, 296.09ft S, 1078.17ft W
BH AT Curve <8-1/2"> (5400')(5455'-24041') : 5312.93ft TVD, 737.17ft S, 845.46ft W
APS EM <8-3/4"> (2752')(2843'-5400') : 2780.27ft TVD, 338.28ft S, 357.19ft W
APS EM <12-1/4"> (256')(388'-2752') : 387.99ft TVD, 1.25ft S, 1.68ft E
Gyrodata MS Gyro <17-1/2"> (100'-256') : 100.00ft TVD, 0.07ft S, 0.21ft E

Vertical Section (ft)
Azimuth 341.03° with reference 0.00 N, 0.00 E



Actual Wellpath Report

Clutter Unit 2H AWP Proj: 24066'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 2H
Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWB
Slot	Slot I		

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 9:13:51 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	66.06	461.66	1652809.87	14341659.10	39°29'36.9696"N	80°57'21.8539"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 I)	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	341.03°



Actual Wellpath Report

Clutter Unit 2H AWP Proj: 24066'
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REFERENCE WELLPATH IDENTIFICATION			
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Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWP
Slot	Slot I		

WELLPATH DATA (260 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	107.630	0.00	0.00	0.00	0.00	1652809.87	14341659.10	39°29'36.9696"N	80°57'21.8539"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	107.630	30.00	0.00	0.00	0.00	1652809.87	14341659.10	39°29'36.9696"N	80°57'21.8539"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.360	107.630	100.00	-0.13	-0.07	0.21	1652810.08	14341659.03	39°29'36.9690"N	80°57'21.8513"W	0.22	107.630	0.51	0.51	0.00	Gyrodata MS Gyro <17-1/2"> (100'-256')
200.00	0.410	126.620	200.00	-0.61	-0.38	0.80	1652810.67	14341658.72	39°29'36.9659"N	80°57'21.8438"W	0.88	115.232	0.14	0.05	18.99	
256.00	0.420	133.010	256.00	-0.96	-0.63	1.11	1652810.98	14341658.47	39°29'36.9634"N	80°57'21.8398"W	1.28	119.827	0.08	0.02	11.41	
388.00	0.310	142.680	387.99	-1.73	-1.25	1.68	1652811.55	14341657.85	39°29'36.9573"N	80°57'21.8326"W	2.09	126.666	0.10	-0.08	7.33	APS EM <12-1/4"> (256')(388'-2752')
478.00	0.330	140.500	477.99	-2.20	-1.64	1.99	1652811.86	14341657.46	39°29'36.9534"N	80°57'21.8286"W	2.58	129.535	0.03	0.02	-2.42	
569.00	0.630	146.950	568.99	-2.93	-2.26	2.43	1652812.30	14341656.84	39°29'36.9473"N	80°57'21.8230"W	3.32	132.981	0.33	0.33	7.09	
660.00	0.690	225.990	659.98	-3.65	-3.06	2.31	1652812.18	14341656.04	39°29'36.9393"N	80°57'21.8245"W	3.84	143.009	0.92	0.07	86.86	
749.00	2.640	240.200	748.94	-4.26	-4.46	0.14	1652810.01	14341654.65	39°29'36.9256"N	80°57'21.8521"W	4.46	178.151	2.22	2.19	15.97	
839.00	4.350	233.380	838.77	-5.68	-7.52	-4.39	1652805.48	14341651.58	39°29'36.8953"N	80°57'21.9100"W	8.71	210.297	1.95	1.90	-7.58	
929.00	6.950	239.960	928.33	-7.77	-12.28	-11.85	1652798.03	14341646.82	39°29'36.8483"N	80°57'22.0052"W	17.07	223.968	2.97	2.89	7.31	
1020.00	8.480	236.170	1018.50	-10.54	-18.78	-22.19	1652787.69	14341640.33	39°29'36.7842"N	80°57'22.1371"W	29.07	229.763	1.77	1.68	-4.16	
1144.00	11.320	237.860	1140.64	-15.66	-30.34	-40.09	1652769.79	14341628.77	39°29'36.6699"N	80°57'22.3655"W	50.28	232.881	2.30	2.29	1.36	
1239.00	13.090	236.470	1233.49	-20.49	-41.25	-56.96	1652752.94	14341617.87	39°29'36.5623"N	80°57'22.5807"W	70.32	234.089	1.89	1.86	-1.46	
1333.00	14.730	232.450	1324.74	-26.98	-54.41	-75.31	1652734.59	14341604.71	39°29'36.4322"N	80°57'22.8149"W	92.91	234.151	2.02	1.74	-4.28	
1428.00	15.500	232.590	1416.45	-34.84	-69.48	-94.97	1652714.94	14341589.64	39°29'36.2834"N	80°57'23.0657"W	117.67	233.808	0.81	0.81	0.15	
1522.00	15.640	232.430	1507.00	-42.85	-84.84	-114.98	1652694.93	14341574.29	39°29'36.1317"N	80°57'23.3212"W	142.90	233.579	0.16	0.15	-0.17	
1617.00	15.690	229.890	1598.47	-51.57	-100.92	-134.96	1652674.97	14341558.22	39°29'35.9728"N	80°57'23.5760"W	168.52	233.211	0.72	0.05	-2.67	
1711.00	15.660	227.460	1688.98	-61.23	-117.69	-154.03	1652655.90	14341541.46	39°29'35.8072"N	80°57'23.8194"W	193.84	232.617	0.70	-0.03	-2.59	
1806.00	16.230	225.770	1780.32	-72.02	-135.62	-172.99	1652636.95	14341523.54	39°29'35.6301"N	80°57'24.0613"W	219.81	231.904	0.77	0.60	-1.78	
1995.00	16.920	218.860	1961.48	-97.94	-175.46	-209.17	1652600.78	14341483.71	39°29'35.2365"N	80°57'24.5231"W	273.02	230.009	1.10	0.37	-3.66	
2089.00	16.080	220.480	2051.61	-111.84	-196.02	-226.21	1652583.75	14341463.16	39°29'35.0334"N	80°57'24.7405"W	299.32	229.090	1.02	-0.89	1.72	
2184.00	15.190	220.510	2143.10	-124.85	-215.49	-242.83	1652567.13	14341443.70	39°29'34.8411"N	80°57'24.9527"W	324.66	228.415	0.94	-0.94	0.03	
2279.00	15.150	225.950	2234.79	-136.43	-233.56	-259.84	1652550.13	14341425.61	39°29'34.6623"N	80°57'25.1698"W	349.40	228.046	1.50	-0.04	5.73	
2373.00	14.780	228.420	2325.60	-146.25	-250.08	-277.64	1652532.34	14341409.12	39°29'34.4993"N	80°57'25.3969"W	373.66	227.989	0.78	-0.39	2.63	
2468.00	14.730	226.080	2417.47	-156.00	-266.50	-295.40	1652514.59	14341392.71	39°29'34.3371"N	80°57'25.6236"W	397.85	227.945	0.63	-0.05	-2.46	
2563.00	14.610	223.860	2509.38	-166.56	-283.52	-312.40	1652497.59	14341375.70	39°29'34.1690"N	80°57'25.8406"W	421.87	227.775	0.61	-0.13	-2.34	
2657.00	14.710	221.290	2600.32	-177.90	-301.03	-328.49	1652481.51	14341358.19	39°29'33.9960"N	80°57'26.0459"W	445.57	227.498	0.70	0.11	-2.73	
2752.00	14.630	217.400	2692.22	-190.53	-319.63	-343.74	1652466.27	14341339.60	39°29'33.8123"N	80°57'26.2405"W	469.38	227.082	1.04	-0.08	-4.09	



Actual Wellpath Report

Clutter Unit 2H AWP Proj: 24066'
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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Clutter Unit 2H
Field	Tyler		API	47-095-02782-0000
Facility	Eldon Pad		Wellbore	Clutter Unit 2H AWP
Slot	Slot I			

WELLPATH DATA (260 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
2843.00	14.660	214.180	2780.27	-203.80	-338.28	-357.19	1652452.82	14341320.95	39°29'33.6280"N	80°57'26.4122"W	491.96	226.557	0.90	0.03	-3.54	APS EM <8-3/4"> (2752')(2843'-5400')
2938.00	15.150	219.350	2872.07	-217.53	-357.83	-371.82	1652438.20	14341301.42	39°29'33.4349"N	80°57'26.5988"W	516.03	226.098	1.49	0.52	5.44	
3129.00	17.900	234.750	3055.26	-238.88	-394.09	-411.64	1652398.40	14341265.16	39°29'33.0766"N	80°57'27.1070"W	569.87	226.247	2.70	1.44	8.06	
3224.00	17.410	231.810	3145.78	-247.65	-411.31	-434.73	1652375.31	14341247.96	39°29'32.9066"N	80°57'27.4017"W	598.47	226.586	1.07	-0.52	-3.09	
3318.00	16.730	235.460	3235.64	-255.91	-427.67	-456.93	1652353.12	14341231.60	39°29'32.7449"N	80°57'27.6849"W	625.85	226.894	1.35	-0.72	3.88	
3413.00	16.420	240.980	3326.70	-261.92	-441.94	-479.94	1652330.13	14341217.34	39°29'32.6040"N	80°57'27.9784"W	652.42	227.360	1.69	-0.33	5.81	
3507.00	16.070	237.080	3416.95	-267.38	-455.46	-502.48	1652307.60	14341203.83	39°29'32.4706"N	80°57'28.2660"W	678.18	227.810	1.22	-0.37	-4.15	
3601.00	15.270	233.110	3507.46	-274.32	-469.96	-523.30	1652286.78	14341189.33	39°29'32.3273"N	80°57'28.5317"W	703.35	228.074	1.42	-0.85	-4.22	
3696.00	14.550	230.810	3599.26	-282.30	-485.01	-542.55	1652267.54	14341174.29	39°29'32.1787"N	80°57'28.7774"W	727.73	228.205	0.98	-0.76	-2.42	
3791.00	14.660	226.850	3691.19	-291.35	-500.77	-560.57	1652249.52	14341158.53	39°29'32.0230"N	80°57'29.0073"W	751.67	228.225	1.06	0.12	-4.17	
3885.00	13.680	230.830	3782.34	-300.06	-515.93	-577.87	1652232.23	14341143.38	39°29'31.8733"N	80°57'29.2281"W	774.67	228.241	1.47	-1.04	4.23	
3980.00	13.090	238.430	3874.76	-306.28	-528.66	-595.75	1652214.36	14341130.66	39°29'31.7475"N	80°57'29.4561"W	796.49	228.415	1.95	-0.62	8.00	
4075.00	12.440	234.230	3967.41	-311.59	-540.27	-613.21	1652196.90	14341119.05	39°29'31.6328"N	80°57'29.6790"W	817.27	228.618	1.19	-0.68	-4.42	
4169.00	12.240	230.850	4059.24	-317.95	-552.48	-629.16	1652180.97	14341106.84	39°29'31.5122"N	80°57'29.8825"W	837.30	228.713	0.80	-0.21	-3.60	
4264.00	11.400	227.810	4152.23	-325.13	-565.14	-643.92	1652166.21	14341094.18	39°29'31.3871"N	80°57'30.0709"W	856.75	228.728	1.10	-0.88	-3.20	
4359.00	12.280	228.730	4245.21	-332.66	-578.11	-658.47	1652151.66	14341081.22	39°29'31.2590"N	80°57'30.2565"W	876.24	228.718	0.95	0.93	0.97	
4454.00	12.400	230.520	4338.01	-340.07	-591.26	-673.94	1652136.20	14341068.08	39°29'31.1291"N	80°57'30.4539"W	896.54	228.739	0.42	0.13	1.88	
4548.00	11.470	227.540	4429.98	-347.33	-603.99	-688.62	1652121.52	14341055.35	39°29'31.0034"N	80°57'30.6413"W	915.97	228.746	1.19	-0.99	-3.17	
4643.00	12.150	231.120	4522.97	-354.50	-616.64	-703.38	1652106.78	14341042.71	39°29'30.8784"N	80°57'30.8295"W	935.40	228.759	1.05	0.72	3.77	
4738.00	12.950	232.530	4615.70	-361.28	-629.39	-719.61	1652090.55	14341029.96	39°29'30.7525"N	80°57'31.0366"W	956.02	228.826	0.90	0.84	1.48	
4832.00	13.980	232.680	4707.12	-368.20	-642.68	-737.00	1652073.17	14341016.67	39°29'30.6212"N	80°57'31.2585"W	977.86	228.911	1.10	1.10	0.16	
4927.00	15.730	234.410	4798.94	-375.50	-657.14	-756.60	1652053.58	14341002.23	39°29'30.4785"N	80°57'31.5086"W	1002.13	229.024	1.90	1.84	1.82	
5022.00	15.310	232.330	4890.47	-383.20	-672.30	-777.00	1652033.19	14340987.07	39°29'30.3287"N	80°57'31.7689"W	1027.47	229.132	0.73	-0.44	-2.19	
5116.00	13.820	229.410	4981.45	-391.32	-687.18	-795.35	1652014.84	14340972.19	39°29'30.1816"N	80°57'32.0030"W	1051.09	229.173	1.77	-1.59	-3.11	
5211.00	12.620	226.360	5073.93	-399.83	-701.73	-811.47	1651998.72	14340957.65	39°29'30.0380"N	80°57'32.2088"W	1072.81	229.148	1.46	-1.26	-3.21	
5305.00	11.270	221.780	5165.90	-408.61	-715.67	-825.03	1651985.18	14340943.72	39°29'29.9003"N	80°57'32.3818"W	1092.18	229.060	1.75	-1.44	-4.87	
5400.00	11.360	223.330	5259.05	-417.49	-729.40	-837.63	1651972.58	14340930.00	39°29'29.7647"N	80°57'32.5426"W	1110.69	228.951	0.33	0.09	1.63	
5455.00	11.790	226.990	5312.93	-422.30	-737.17	-845.46	1651964.75	14340922.23	39°29'29.6879"N	80°57'32.6425"W	1121.70	228.914	1.55	0.78	6.65	BH AT Curve <8-1/2"> (5400')(5455'-24041')
5514.00	10.400	235.920	5370.83	-426.14	-744.27	-854.28	1651955.94	14340915.13	39°29'29.6178"N	80°57'32.7550"W	1133.01	228.937	3.74	-2.36	15.14	
5609.00	10.170	275.380	5464.42	-424.92	-748.29	-869.75	1651940.47	14340911.11	39°29'29.5781"N	80°57'32.9524"W	1147.34	229.293	7.28	-0.24	41.54	



Actual Wellpath Report

Clutter Unit 2H AWP Proj: 24066'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 2H
Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWB
Slot	Slot I		

WELLPATH DATA (260 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
5703.00	13.870	302.170	5556.41	-412.71	-741.50	-887.57	1651922.66	14340917.89	39°29'29.6452"N	80°57'33.1796"W	1156.55	230.123	7.02	3.94	28.50	
5798.00	20.210	319.260	5647.25	-388.56	-722.98	-907.95	1651902.29	14340936.41	39°29'29.8284"N	80°57'33.4395"W	1160.63	231.470	8.44	6.67	17.99	
5893.00	27.390	327.460	5734.14	-352.02	-692.07	-930.45	1651879.80	14340967.30	39°29'30.1339"N	80°57'33.7263"W	1159.61	233.358	8.31	7.56	8.63	
5988.00	36.160	335.400	5814.86	-302.77	-648.06	-953.92	1651856.33	14341011.30	39°29'30.5690"N	80°57'34.0255"W	1153.24	235.809	10.21	9.23	8.36	
6064.00†	42.564	338.997	5873.60	-254.72	-603.63	-972.49	1651837.77	14341055.71	39°29'31.0082"N	80°57'34.2621"W	1144.60	238.172	8.94	8.43	4.73	Sycamore: 6064' MD
6083.00	44.180	339.760	5887.41	-241.67	-591.42	-977.08	1651833.18	14341067.92	39°29'31.1290"N	80°57'34.3206"W	1142.13	238.814	8.94	8.51	4.01	
6177.00	52.120	342.050	5950.08	-171.72	-525.28	-999.89	1651810.38	14341134.03	39°29'31.7827"N	80°57'34.6111"W	1129.47	242.285	8.64	8.45	2.44	
6211.00†	54.212	341.548	5970.46	-144.51	-499.43	-1008.39	1651801.89	14341169.87	39°29'32.0382"N	80°57'34.7194"W	1125.29	243.652	6.27	6.15	-1.48	Middlesex: 6211' MD
6272.00	57.970	340.710	6004.48	-93.89	-451.54	-1024.77	1651785.51	14341207.74	39°29'32.5116"N	80°57'34.9280"W	1119.84	246.220	6.27	6.16	-1.37	
6367.00	65.230	341.100	6049.64	-10.38	-372.62	-1052.08	1651758.22	14341286.63	39°29'33.2917"N	80°57'35.2759"W	1116.12	250.497	7.65	7.64	0.41	
6380.00†	66.183	341.123	6054.99	1.46	-361.41	-1055.91	1651754.38	14341297.83	39°29'33.4025"N	80°57'35.3248"W	1116.05	251.105	7.33	7.33	0.18	Burkett: 6380' MD
6454.00†	71.607	341.249	6081.62	70.47	-296.09	-1078.17	1651732.14	14341363.13	39°29'34.0482"N	80°57'35.6083"W	1118.08	254.644	7.33	7.33	0.17	Marcellus POE: 6454' MD
6461.00	72.120	341.260	6083.80	77.13	-289.79	-1080.30	1651730.00	14341369.43	39°29'34.1105"N	80°57'35.6355"W	1118.50	254.984	7.33	7.33	0.16	
6556.00	79.700	340.340	6106.91	169.20	-202.84	-1110.60	1651699.72	14341456.34	39°29'34.9700"N	80°57'36.0214"W	1128.97	259.649	8.03	7.98	-0.97	
6650.00	83.990	340.670	6120.24	262.22	-115.15	-1141.64	1651668.69	14341544.00	39°29'35.8368"N	80°57'36.4169"W	1147.43	264.241	4.58	4.56	0.35	
6745.00	90.950	340.300	6124.43	357.07	-25.75	-1173.33	1651637.02	14341633.36	39°29'36.7206"N	80°57'36.8205"W	1173.61	268.743	7.34	7.33	-0.39	
6839.00	90.520	340.470	6123.23	451.05	62.79	-1204.88	1651605.48	14341721.87	39°29'37.5957"N	80°57'37.2225"W	1206.51	272.983	0.49	-0.46	0.18	
6934.00	90.890	340.860	6122.06	546.04	152.43	-1236.33	1651574.04	14341811.46	39°29'38.4818"N	80°57'37.6232"W	1245.69	277.028	0.57	0.39	0.41	
7028.00	89.350	341.050	6121.86	640.04	241.28	-1267.00	1651543.38	14341900.28	39°29'39.3601"N	80°57'38.0139"W	1289.77	280.782	1.65	-1.64	0.20	
7122.00	90.370	340.500	6122.09	734.04	330.03	-1297.95	1651512.44	14341989.00	39°29'40.2374"N	80°57'38.4083"W	1339.26	284.266	1.23	1.09	-0.59	
7217.00	90.460	340.230	6121.40	829.03	419.51	-1329.88	1651480.53	14342078.44	39°29'41.1218"N	80°57'38.8149"W	1394.47	287.508	0.30	0.09	-0.28	
7312.00	90.520	340.430	6120.59	924.02	508.96	-1361.85	1651448.57	14342167.86	39°29'42.0061"N	80°57'39.2223"W	1453.85	290.492	0.22	0.06	0.21	
7406.00	90.400	340.210	6119.84	1018.01	597.47	-1393.51	1651416.92	14342256.33	39°29'42.8810"N	80°57'39.6256"W	1516.19	293.207	0.27	-0.13	-0.23	
7500.00	90.710	340.440	6118.93	1112.00	685.97	-1425.15	1651385.29	14342344.80	39°29'43.7558"N	80°57'40.0288"W	1581.65	295.703	0.41	0.33	0.24	
7595.00	90.890	341.210	6117.60	1206.99	775.69	-1456.35	1651354.10	14342434.46	39°29'44.6427"N	80°57'40.4263"W	1650.05	298.041	0.83	0.19	0.81	
7689.00	90.090	340.410	6116.80	1300.98	864.47	-1487.25	1651323.22	14342523.22	39°29'45.5202"N	80°57'40.8199"W	1720.24	300.167	1.20	-0.85	-0.85	
7784.00	90.310	340.460	6116.46	1395.97	953.98	-1519.06	1651291.42	14342612.70	39°29'46.4050"N	80°57'41.2253"W	1793.78	302.129	0.24	0.23	0.05	
7878.00	90.430	340.690	6115.86	1489.97	1042.63	-1550.32	1651260.17	14342701.31	39°29'47.2813"N	80°57'41.6235"W	1868.31	303.922	0.28	0.13	0.24	
7973.00	91.140	341.590	6114.56	1584.96	1132.52	-1581.03	1651229.48	14342791.16	39°29'48.1699"N	80°57'42.0148"W	1944.80	305.615	1.21	0.75	0.95	
8067.00	90.890	341.890	6112.89	1678.94	1221.77	-1610.48	1651200.04	14342880.38	39°29'49.0521"N	80°57'42.3899"W	2021.47	307.185	0.42	-0.27	0.32	



Actual Wellpath Report

Clutter Unit 2H AWP Proj: 24066'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 2H
Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWP
Slot	Slot I		

WELLPATH DATA (260 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
8162.00	91.020	341.500	6111.31	1773.92	1311.95	-1640.31	1651170.22	14342970.52	39°29'49.9435"N	80°57'42.7700"W	2100.44	308.653	0.43	0.14	-0.41	
8256.00	90.770	341.060	6109.84	1867.90	1400.97	-1670.48	1651140.07	14343059.50	39°29'50.8234"N	80°57'43.1543"W	2180.18	309.985	0.54	-0.27	-0.47	
8351.00	90.710	340.990	6108.61	1962.90	1490.80	-1701.36	1651109.19	14343149.30	39°29'51.7114"N	80°57'43.5478"W	2262.10	311.226	0.10	-0.06	-0.07	
8445.00	90.430	340.880	6107.68	2056.89	1579.64	-1732.07	1651078.50	14343238.10	39°29'52.5895"N	80°57'43.9390"W	2344.21	312.365	0.32	-0.30	-0.12	
8540.00	90.220	340.070	6107.14	2151.88	1669.17	-1763.82	1651046.76	14343327.60	39°29'53.4746"N	80°57'44.3435"W	2428.41	313.421	0.88	-0.22	-0.85	
8634.00	90.490	340.430	6106.56	2245.87	1757.64	-1795.58	1651015.01	14343416.03	39°29'54.3491"N	80°57'44.7482"W	2512.65	314.388	0.48	0.29	0.38	
8729.00	90.520	341.340	6105.72	2340.87	1847.40	-1826.69	1650983.92	14343505.75	39°29'55.2363"N	80°57'45.1446"W	2598.01	315.323	0.96	0.03	0.96	
8824.00	90.800	340.680	6104.62	2435.86	1937.22	-1857.60	1650953.02	14343595.54	39°29'56.1242"N	80°57'45.5384"W	2683.93	316.202	0.75	0.29	-0.69	
8918.00	91.080	341.740	6103.08	2529.85	2026.20	-1887.87	1650922.76	14343684.48	39°29'57.0037"N	80°57'45.9241"W	2769.39	317.024	1.17	0.30	1.13	
9013.00	89.260	341.160	6102.80	2624.84	2116.26	-1918.09	1650892.55	14343774.51	39°29'57.8939"N	80°57'46.3092"W	2856.15	317.812	2.01	-1.92	-0.61	
9107.00	90.220	341.310	6103.23	2718.84	2205.26	-1948.33	1650862.32	14343863.47	39°29'58.7737"N	80°57'46.6945"W	2942.64	318.540	1.03	1.02	0.16	
9202.00	90.250	341.050	6102.84	2813.84	2295.18	-1978.98	1650831.69	14343953.36	39°29'59.6625"N	80°57'47.0849"W	3030.54	319.231	0.28	0.03	-0.27	
9296.00	90.830	340.900	6101.95	2907.83	2384.04	-2009.62	1650801.06	14344042.18	39°30'0.5409"N	80°57'47.4753"W	3118.04	319.871	0.64	0.62	-0.16	
9391.00	92.090	341.360	6099.53	3002.80	2473.90	-2040.33	1650770.36	14344132.01	39°30'1.4291"N	80°57'47.8667"W	3206.73	320.486	1.41	1.33	0.48	
9486.00	91.200	342.080	6096.80	3097.75	2564.07	-2070.12	1650740.59	14344222.14	39°30'2.3204"N	80°57'48.2462"W	3295.43	321.084	1.20	-0.94	0.76	
9580.00	91.080	341.450	6094.93	3191.72	2653.33	-2099.52	1650711.19	14344311.36	39°30'3.2027"N	80°57'48.6209"W	3383.51	321.646	0.68	-0.13	-0.67	
9675.00	90.520	341.390	6093.61	3286.71	2743.37	-2129.79	1650680.93	14344401.37	39°30'4.0927"N	80°57'49.0065"W	3473.05	322.176	0.59	-0.59	-0.06	
9769.00	90.490	341.150	6092.78	3380.71	2832.39	-2159.97	1650650.76	14344490.35	39°30'4.9727"N	80°57'49.3911"W	3562.01	322.671	0.26	-0.03	-0.26	
9863.00	90.580	341.730	6091.90	3474.70	2921.50	-2189.89	1650620.86	14344579.42	39°30'5.8535"N	80°57'49.7723"W	3651.13	323.146	0.62	0.10	0.62	
9958.00	90.890	341.170	6090.68	3569.69	3011.55	-2220.11	1650590.66	14344669.44	39°30'6.7436"N	80°57'50.1574"W	3741.44	323.602	0.67	0.33	-0.59	
10052.00	89.450	341.410	6090.40	3663.69	3100.58	-2250.26	1650560.51	14344758.44	39°30'7.6237"N	80°57'50.5416"W	3831.10	324.030	1.55	-1.53	0.26	
10147.00	91.110	341.880	6089.94	3758.68	3190.74	-2280.18	1650530.61	14344848.56	39°30'8.5149"N	80°57'50.9228"W	3921.74	324.450	1.82	1.75	0.49	
10241.00	90.990	342.370	6088.22	3852.64	3280.19	-2309.03	1650501.77	14344937.97	39°30'9.3991"N	80°57'51.2903"W	4011.39	324.857	0.54	-0.13	0.52	
10336.00	89.910	341.330	6087.47	3947.63	3370.46	-2338.62	1650472.19	14345028.20	39°30'10.2913"N	80°57'51.6674"W	4102.33	325.245	1.58	-1.14	-1.09	
10430.00	90.520	340.890	6087.12	4041.63	3459.39	-2369.05	1650441.77	14345117.10	39°30'11.1704"N	80°57'52.0551"W	4192.83	325.596	0.80	0.65	-0.47	
10525.00	90.620	340.660	6086.17	4136.62	3549.09	-2400.33	1650410.50	14345206.77	39°30'12.0571"N	80°57'52.4537"W	4284.58	325.929	0.26	0.11	-0.24	
10620.00	90.830	340.340	6084.97	4231.61	3638.64	-2432.04	1650378.81	14345296.27	39°30'12.9422"N	80°57'52.8578"W	4376.58	326.242	0.40	0.22	-0.34	
10714.00	91.200	341.140	6083.30	4325.59	3727.36	-2463.04	1650347.82	14345384.96	39°30'13.8192"N	80°57'53.2529"W	4467.64	326.543	0.94	0.39	0.85	
10809.00	90.310	340.890	6082.05	4420.58	3817.18	-2493.94	1650316.93	14345474.75	39°30'14.7071"N	80°57'53.6467"W	4559.68	326.842	0.97	-0.94	-0.26	
10904.00	90.370	340.670	6081.49	4515.58	3906.89	-2525.22	1650285.67	14345564.42	39°30'15.5938"N	80°57'54.0452"W	4651.93	327.123	0.24	0.06	-0.23	



Actual Wellpath Report

Clutter Unit 2H AWP Proj: 24066'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 2H
Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWP
Slot	Slot I		

WELLPATH DATA (260 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	90.460	341.040	6080.81	4609.58	3995.69	-2556.04	1650254.85	14345653.18	39°30'16.4715"N	80°57'54.4380"W	4743.30	327.393	0.41	0.10	0.39	
11093.00	90.590	340.940	6079.94	4704.57	4085.50	-2586.99	1650223.92	14345742.96	39°30'17.3593"N	80°57'54.8323"W	4835.68	327.658	0.17	0.14	-0.11	
11187.00	90.430	342.080	6079.10	4798.56	4174.64	-2616.80	1650194.13	14345832.07	39°30'18.2404"N	80°57'55.2122"W	4926.99	327.919	1.22	-0.17	1.21	
11282.00	92.000	342.170	6077.09	4893.52	4265.03	-2645.95	1650164.98	14345922.42	39°30'19.1339"N	80°57'55.5837"W	5019.12	328.185	1.66	1.65	0.09	
11377.00	90.740	340.780	6074.82	4988.49	4355.08	-2676.12	1650134.82	14346012.43	39°30'20.0240"N	80°57'55.9682"W	5111.59	328.430	1.97	-1.33	-1.46	
11471.00	90.460	341.260	6073.83	5082.48	4443.97	-2706.69	1650104.27	14346101.28	39°30'20.9026"N	80°57'56.3578"W	5203.37	328.656	0.59	-0.30	0.51	
11566.00	90.650	341.030	6072.91	5177.48	4533.86	-2737.39	1650073.58	14346191.14	39°30'21.7912"N	80°57'56.7490"W	5296.15	328.878	0.31	0.20	-0.24	
11660.00	90.770	341.090	6071.75	5271.47	4622.77	-2767.90	1650043.08	14346280.01	39°30'22.6700"N	80°57'57.1378"W	5388.07	329.089	0.14	0.13	0.06	
11755.00	90.000	341.040	6071.11	5366.47	4712.62	-2798.73	1650012.27	14346369.83	39°30'23.5582"N	80°57'57.5306"W	5481.03	329.295	0.81	-0.81	-0.05	
11849.00	90.180	341.050	6070.96	5460.47	4801.53	-2829.26	1649981.75	14346458.70	39°30'24.4369"N	80°57'57.9197"W	5573.09	329.492	0.19	0.19	0.01	
11944.00	90.310	341.130	6070.55	5555.47	4891.40	-2860.05	1649950.97	14346548.53	39°30'25.3253"N	80°57'58.3121"W	5666.19	329.685	0.16	0.14	0.08	
12039.00	89.780	340.840	6070.48	5650.47	4981.21	-2891.00	1649920.03	14346638.31	39°30'26.2131"N	80°57'58.7066"W	5759.37	329.870	0.64	-0.56	-0.31	
12134.00	89.820	340.680	6070.81	5745.46	5070.91	-2922.30	1649888.74	14346727.97	39°30'27.0997"N	80°57'59.1055"W	5852.69	330.046	0.17	0.04	-0.17	
12228.00	89.600	341.130	6071.29	5839.46	5159.73	-2953.06	1649858.00	14346816.76	39°30'27.9777"N	80°57'59.4974"W	5945.03	330.216	0.53	-0.23	0.48	
12323.00	89.780	340.980	6071.80	5934.46	5249.59	-2983.90	1649827.17	14346906.58	39°30'28.8658"N	80°57'59.8905"W	6038.36	330.386	0.25	0.19	-0.16	
12418.00	90.150	341.310	6071.86	6029.46	5339.49	-3014.60	1649796.48	14346996.44	39°30'29.7545"N	80°58'0.2818"W	6131.72	330.552	0.52	0.39	0.35	
12512.00	90.310	340.890	6071.48	6123.46	5428.42	-3045.05	1649766.05	14347085.34	39°30'30.6335"N	80°58'0.6698"W	6224.15	330.710	0.48	0.17	-0.45	
12607.00	90.400	340.930	6070.89	6218.46	5518.19	-3076.12	1649734.99	14347175.08	39°30'31.5209"N	80°58'1.0658"W	6317.67	330.863	0.10	0.09	0.04	
12702.00	90.490	341.040	6070.15	6313.45	5608.01	-3107.07	1649704.05	14347264.85	39°30'32.4087"N	80°58'1.4602"W	6411.21	331.012	0.15	0.09	0.12	
12796.00	90.520	340.940	6069.33	6407.45	5696.88	-3137.69	1649673.45	14347353.69	39°30'33.2871"N	80°58'1.8505"W	6503.80	331.155	0.11	0.03	-0.11	
12891.00	90.520	340.790	6068.46	6502.45	5786.62	-3168.82	1649642.32	14347443.40	39°30'34.1742"N	80°58'2.2473"W	6597.46	331.294	0.16	0.00	-0.16	
12986.00	90.740	341.460	6067.42	6597.44	5876.51	-3199.56	1649611.60	14347533.25	39°30'35.0627"N	80°58'2.6390"W	6691.08	331.433	0.74	0.23	0.71	
13080.00	90.550	341.140	6066.36	6691.43	5965.54	-3229.69	1649581.48	14347622.25	39°30'35.9428"N	80°58'3.0231"W	6783.70	331.569	0.40	-0.20	-0.34	
13175.00	90.490	341.160	6065.50	6786.43	6055.44	-3260.38	1649550.80	14347712.11	39°30'36.8314"N	80°58'3.4143"W	6877.39	331.701	0.07	-0.06	0.02	
13270.00	90.460	341.040	6064.71	6881.43	6145.32	-3291.15	1649520.04	14347801.95	39°30'37.7198"N	80°58'3.8064"W	6971.13	331.829	0.13	-0.03	-0.13	
13364.00	90.740	341.170	6063.73	6975.42	6234.25	-3321.59	1649489.61	14347890.84	39°30'38.5988"N	80°58'4.1944"W	7063.91	331.951	0.33	0.30	0.14	
13459.00	90.460	340.820	6062.73	7070.41	6324.06	-3352.53	1649458.69	14347980.62	39°30'39.4866"N	80°58'4.5887"W	7157.74	332.071	0.47	-0.29	-0.37	
13553.00	90.620	341.190	6061.85	7164.41	6412.94	-3383.12	1649428.11	14348069.46	39°30'40.3651"N	80°58'4.9786"W	7250.61	332.186	0.43	0.17	0.39	
13648.00	90.740	340.860	6060.72	7259.40	6502.77	-3414.01	1649397.23	14348159.26	39°30'41.2531"N	80°58'5.3723"W	7344.49	332.300	0.37	0.13	-0.35	
13742.00	90.740	341.020	6059.50	7353.40	6591.61	-3444.70	1649366.55	14348248.06	39°30'42.1312"N	80°58'5.7635"W	7437.43	332.409	0.17	0.00	0.17	



Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 2H
Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWB
Slot	Slot I		

WELLPATH DATA (260 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	90.710	341.030	6058.32	7447.39	6680.50	-3475.27	1649336.00	14348336.91	39°30'43.0098"N	80°58'6.1531"W	7530.37	332.516	0.03	-0.03	0.01	
13931.00	90.620	341.050	6057.21	7542.38	6770.34	-3506.13	1649305.15	14348426.72	39°30'43.8978"N	80°58'6.5465"W	7624.33	332.622	0.10	-0.09	0.02	
14026.00	90.890	341.490	6055.96	7637.37	6860.30	-3536.63	1649274.66	14348516.64	39°30'44.7870"N	80°58'6.9352"W	7718.26	332.728	0.54	0.28	0.46	
14120.00	90.120	339.650	6055.13	7731.36	6948.94	-3567.90	1649243.40	14348605.24	39°30'45.6632"N	80°58'7.3338"W	7811.38	332.822	2.12	-0.82	-1.96	
14215.00	91.170	341.260	6054.06	7826.35	7038.45	-3599.68	1649211.64	14348694.72	39°30'46.5480"N	80°58'7.7388"W	7905.54	332.913	2.02	1.11	1.69	
14309.00	90.340	340.540	6052.82	7920.34	7127.27	-3630.43	1649180.89	14348783.50	39°30'47.4259"N	80°58'8.1309"W	7998.63	333.007	1.17	-0.88	-0.77	
14404.00	90.000	341.730	6052.54	8015.33	7217.16	-3661.15	1649150.19	14348873.36	39°30'48.3145"N	80°58'8.5224"W	8092.68	333.102	1.30	-0.36	1.25	
14499.00	90.060	341.520	6052.49	8110.33	7307.32	-3691.10	1649120.26	14348963.48	39°30'49.2056"N	80°58'8.9041"W	8186.64	333.201	0.23	0.06	-0.22	
14593.00	90.030	340.740	6052.42	8204.33	7396.27	-3721.50	1649089.87	14349052.39	39°30'50.0848"N	80°58'9.2916"W	8279.75	333.290	0.83	-0.03	-0.83	
14687.00	90.120	340.660	6052.30	8298.33	7484.98	-3752.57	1649058.81	14349141.08	39°30'50.9617"N	80°58'9.6876"W	8372.98	333.373	0.13	0.10	-0.09	
14782.00	90.710	340.810	6051.61	8393.32	7574.66	-3783.91	1649027.48	14349230.72	39°30'51.8482"N	80°58'10.0872"W	8467.20	333.456	0.64	0.62	0.16	
14876.00	90.620	341.160	6050.52	8487.31	7663.53	-3814.54	1648996.87	14349319.55	39°30'52.7265"N	80°58'10.4775"W	8560.39	333.538	0.38	-0.10	0.37	
14971.00	90.060	340.340	6049.95	8582.31	7753.21	-3845.85	1648965.56	14349409.20	39°30'53.6130"N	80°58'10.8768"W	8654.65	333.617	1.05	-0.59	-0.86	
15065.00	90.150	340.760	6049.78	8676.31	7841.85	-3877.16	1648934.27	14349497.80	39°30'54.4892"N	80°58'11.2758"W	8747.97	333.691	0.46	0.10	0.45	
15160.00	89.660	340.770	6049.94	8771.31	7931.54	-3908.45	1648902.99	14349587.46	39°30'55.3758"N	80°58'11.6747"W	8842.25	333.767	0.52	-0.52	0.01	
15254.00	89.450	340.190	6050.67	8865.30	8020.14	-3939.86	1648871.59	14349676.02	39°30'56.2515"N	80°58'12.0751"W	8935.61	333.838	0.66	-0.22	-0.62	
15349.00	89.380	340.950	6051.64	8960.29	8109.72	-3971.46	1648840.01	14349765.56	39°30'57.1370"N	80°58'12.4779"W	9029.96	333.908	0.80	-0.07	0.80	
15444.00	89.380	340.980	6052.67	9055.28	8199.52	-4002.44	1648809.04	14349855.33	39°30'58.0246"N	80°58'12.8729"W	9124.24	333.982	0.03	0.00	0.03	
15538.00	89.850	340.860	6053.30	9149.28	8288.36	-4033.17	1648778.32	14349944.13	39°30'58.9027"N	80°58'13.2645"W	9217.55	334.052	0.52	0.50	-0.13	
15632.00	90.310	340.900	6053.17	9243.28	8377.17	-4063.96	1648747.54	14350032.90	39°30'59.7805"N	80°58'13.6570"W	9310.89	334.121	0.49	0.49	0.04	
15727.00	90.550	341.250	6052.45	9338.28	8467.03	-4094.77	1648716.75	14350122.73	39°31'0.6688"N	80°58'14.0498"W	9405.20	334.191	0.45	0.25	0.37	
15821.00	90.370	341.330	6051.70	9432.27	8556.06	-4124.92	1648686.61	14350211.72	39°31'1.5488"N	80°58'14.4342"W	9498.48	334.261	0.21	-0.19	0.09	
15916.00	90.120	340.750	6051.29	9527.27	8645.91	-4155.79	1648655.75	14350301.53	39°31'2.4368"N	80°58'14.8276"W	9592.82	334.328	0.66	-0.26	-0.61	
16010.00	90.250	340.810	6050.99	9621.27	8734.67	-4186.73	1648624.82	14350390.26	39°31'3.3142"N	80°58'15.2221"W	9686.23	334.391	0.15	0.14	0.06	
16105.00	90.680	341.060	6050.22	9716.27	8824.45	-4217.76	1648593.80	14350480.01	39°31'4.2017"N	80°58'15.6177"W	9780.62	334.454	0.52	0.45	0.26	
16199.00	90.950	341.030	6048.88	9810.26	8913.35	-4248.29	1648563.29	14350568.86	39°31'5.0803"N	80°58'16.0069"W	9873.99	334.517	0.29	0.29	-0.03	
16294.00	91.320	341.350	6047.00	9905.24	9003.25	-4278.92	1648532.67	14350658.74	39°31'5.9690"N	80°58'16.3973"W	9968.34	334.580	0.51	0.39	0.34	
16388.00	90.710	341.060	6045.33	9999.22	9092.23	-4309.20	1648502.41	14350747.67	39°31'6.8485"N	80°58'16.7833"W	10061.70	334.642	0.72	-0.65	-0.31	
16482.00	90.340	340.950	6044.47	10093.22	9181.10	-4339.79	1648471.82	14350836.52	39°31'7.7270"N	80°58'17.1733"W	10155.12	334.700	0.41	-0.39	-0.12	
16577.00	90.340	340.840	6043.91	10188.22	9270.87	-4370.88	1648440.74	14350926.25	39°31'8.6143"N	80°58'17.5697"W	10249.57	334.758	0.12	0.00	-0.12	



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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 2H
Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWB
Slot	Slot I		

WELLPATH DATA (260 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	90.370	341.020	6043.33	10282.21	9359.71	-4401.60	1648410.04	14351015.05	39°31'9.4924"N	80°58'17.9613"W	10343.03	334.814	0.19	0.03	0.19	
16766.00	90.030	340.910	6043.00	10377.21	9449.51	-4432.58	1648379.07	14351104.82	39°31'10.3800"N	80°58'18.3563"W	10437.48	334.870	0.38	-0.36	-0.12	
16860.00	89.940	340.340	6043.02	10471.21	9538.19	-4463.76	1648347.90	14351193.46	39°31'11.2566"N	80°58'18.7538"W	10531.01	334.921	0.61	-0.10	-0.61	
16955.00	90.370	340.740	6042.76	10566.21	9627.76	-4495.41	1648316.26	14351282.99	39°31'12.1419"N	80°58'19.1573"W	10625.56	334.971	0.62	0.45	0.42	
17049.00	90.620	341.470	6041.95	10660.20	9718.69	-4525.85	1648285.84	14351371.89	39°31'13.0210"N	80°58'19.5454"W	10719.02	335.025	0.82	0.27	0.78	
17144.00	90.310	341.480	6041.18	10755.20	9806.77	-4556.03	1648255.67	14351461.93	39°31'13.9113"N	80°58'19.9302"W	10813.42	335.081	0.33	-0.33	0.01	
17239.00	90.000	340.690	6040.92	10850.19	9896.64	-4586.83	1648224.88	14351551.76	39°31'14.7996"N	80°58'20.3228"W	10907.91	335.134	0.89	-0.33	-0.83	
17333.00	90.340	340.690	6040.64	10944.19	9985.35	-4617.91	1648193.81	14351640.44	39°31'15.6764"N	80°58'20.7191"W	11001.47	335.181	0.36	0.36	0.00	
17428.00	90.340	341.090	6040.08	11039.19	10075.11	-4649.01	1648162.73	14351730.16	39°31'16.5637"N	80°58'21.1156"W	11096.00	335.230	0.42	0.00	0.42	
17522.00	90.400	340.480	6039.47	11133.19	10163.87	-4679.95	1648131.80	14351818.89	39°31'17.4410"N	80°58'21.5100"W	11189.56	335.276	0.65	0.06	-0.65	
17617.00	90.370	340.570	6038.83	11228.18	10253.44	-4711.62	1648100.14	14351908.42	39°31'18.3263"N	80°58'21.9138"W	11284.16	335.320	0.10	-0.03	0.09	
17712.00	90.000	340.990	6038.53	11323.18	10343.14	-4742.89	1648068.88	14351998.08	39°31'19.2130"N	80°58'22.3126"W	11378.73	335.366	0.59	-0.39	0.44	
17807.00	90.220	340.660	6038.35	11418.18	10432.87	-4774.10	1648037.69	14352087.78	39°31'20.0999"N	80°58'22.7104"W	11473.31	335.411	0.42	0.23	-0.35	
17901.00	90.520	340.910	6037.74	11512.18	10521.63	-4805.03	1648006.77	14352176.50	39°31'20.9772"N	80°58'23.1048"W	11566.89	335.455	0.42	0.32	0.27	
17996.00	90.430	340.790	6036.95	11607.17	10611.37	-4836.20	1647975.62	14352266.21	39°31'21.8643"N	80°58'23.5021"W	11661.47	335.499	0.16	-0.09	-0.13	
18090.00	90.580	340.890	6036.12	11701.17	10700.16	-4867.05	1647944.78	14352354.96	39°31'22.7419"N	80°58'23.8955"W	11755.06	335.541	0.19	0.16	0.11	
18185.00	90.980	340.730	6034.83	11796.16	10789.87	-4898.27	1647913.57	14352444.64	39°31'23.6286"N	80°58'24.2936"W	11849.66	335.583	0.45	0.42	-0.17	
18280.00	91.110	341.000	6033.10	11891.14	10879.61	-4929.41	1647882.45	14352534.34	39°31'24.5156"N	80°58'24.6906"W	11944.24	335.625	0.32	0.14	0.28	
18374.00	91.020	341.340	6031.35	11985.12	10968.56	-4959.74	1647852.12	14352623.25	39°31'25.3949"N	80°58'25.0773"W	12037.79	335.669	0.37	-0.10	0.36	
18469.00	90.680	340.640	6029.94	12080.11	11058.37	-4990.68	1647821.19	14352713.03	39°31'26.2826"N	80°58'25.4718"W	12132.37	335.710	0.82	-0.36	-0.74	
18564.00	90.490	340.670	6028.97	12175.11	11148.00	-5022.15	1647789.74	14352802.62	39°31'27.1685"N	80°58'25.8731"W	12227.02	335.749	0.20	-0.20	0.03	
18658.00	90.370	340.520	6028.26	12269.10	11236.66	-5053.38	1647758.52	14352891.24	39°31'28.0448"N	80°58'26.2713"W	12320.68	335.785	0.20	-0.13	-0.16	
18753.00	90.340	341.150	6027.68	12364.10	11326.39	-5084.57	1647727.35	14352980.94	39°31'28.9318"N	80°58'26.6689"W	12415.31	335.824	0.66	-0.03	0.66	
18848.00	90.340	340.680	6027.11	12459.10	11416.17	-5115.63	1647696.30	14353070.68	39°31'29.8191"N	80°58'27.0650"W	12509.94	335.863	0.49	0.00	-0.49	
18942.00	88.150	341.440	6028.35	12553.08	11505.07	-5146.13	1647665.81	14353159.54	39°31'30.6978"N	80°58'27.4540"W	12603.54	335.901	2.47	-2.33	0.81	
19037.00	91.450	341.180	6028.68	12648.07	11595.04	-5176.57	1647635.38	14353249.48	39°31'31.5872"N	80°58'27.8421"W	12698.11	335.942	3.48	3.47	-0.27	
19132.00	91.750	341.400	6026.03	12743.03	11684.99	-5207.03	1647604.93	14353339.39	39°31'32.4762"N	80°58'28.2305"W	12792.66	335.981	0.39	0.32	0.23	
19226.00	90.800	340.820	6023.94	12837.00	11773.90	-5237.46	1647574.52	14353428.27	39°31'33.3551"N	80°58'28.6184"W	12886.26	336.019	1.18	-1.01	-0.62	
19320.00	90.830	340.910	6022.60	12930.99	11862.70	-5268.27	1647543.72	14353517.03	39°31'34.2328"N	80°58'29.0113"W	12979.92	336.054	0.10	0.03	0.10	
19415.00	90.830	340.690	6021.23	13025.98	11952.40	-5299.51	1647512.49	14353606.70	39°31'35.1194"N	80°58'29.4096"W	13074.58	336.088	0.23	0.00	-0.23	



Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 2H
Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWP
Slot	Slot I		

WELLPATH DATA (260 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
19509.00	90.830	340.510	6019.86	13119.97	12041.06	-5330.73	1647481.29	14353695.32	39°31'35.9957"N	80°58'29.8077"W	13168.28	336.120	0.19	0.00	-0.19	
19604.00	90.550	340.920	6018.72	13214.96	12130.72	-5362.10	1647449.93	14353784.95	39°31'36.8820"N	80°58'30.2078"W	13262.97	336.153	0.52	-0.29	0.43	
19699.00	90.340	340.810	6017.98	13309.96	12220.47	-5393.24	1647418.80	14353874.66	39°31'37.7691"N	80°58'30.6048"W	13357.65	336.187	0.25	-0.22	-0.12	
19793.00	90.090	340.300	6017.63	13403.95	12309.11	-5424.53	1647387.52	14353963.26	39°31'38.6452"N	80°58'31.0039"W	13451.38	336.217	0.60	-0.27	-0.54	
19888.00	90.280	341.040	6017.32	13498.95	12398.75	-5455.98	1647356.09	14354052.87	39°31'39.5312"N	80°58'31.4049"W	13546.09	336.248	0.80	0.20	0.78	
19982.00	90.400	341.060	6016.76	13592.95	12487.65	-5486.50	1647325.57	14354141.74	39°31'40.4100"N	80°58'31.7941"W	13639.77	336.282	0.13	0.13	0.02	
20077.00	90.370	340.790	6016.13	13687.95	12577.44	-5517.55	1647294.54	14354231.48	39°31'41.2974"N	80°58'32.1900"W	13734.45	336.314	0.29	-0.03	-0.28	
20171.00	90.370	340.730	6015.52	13781.94	12666.18	-5548.52	1647263.58	14354320.19	39°31'42.1746"N	80°58'32.5850"W	13828.17	336.344	0.06	0.00	-0.06	
20266.00	90.250	340.460	6015.01	13876.94	12755.79	-5580.08	1647232.03	14354409.76	39°31'43.0603"N	80°58'32.9875"W	13922.91	336.373	0.31	-0.13	-0.28	
20360.00	90.220	340.610	6014.62	13970.94	12844.41	-5611.41	1647200.72	14354498.35	39°31'43.9363"N	80°58'33.3869"W	14016.66	336.401	0.16	-0.03	0.16	
20455.00	90.250	340.690	6014.23	14065.93	12934.04	-5642.89	1647169.25	14354587.95	39°31'44.8222"N	80°58'33.7883"W	14111.40	336.429	0.09	0.03	0.08	
20550.00	90.770	340.770	6013.38	14160.93	13023.72	-5674.24	1647137.91	14354677.59	39°31'45.7086"N	80°58'34.1881"W	14206.13	336.458	0.55	0.55	0.08	
20644.00	90.370	340.420	6012.45	14254.92	13112.37	-5705.46	1647106.70	14354766.21	39°31'46.5849"N	80°58'34.5864"W	14299.88	336.485	0.57	-0.43	-0.37	
20739.00	90.220	340.590	6011.96	14349.91	13201.93	-5737.17	1647075.01	14354855.72	39°31'47.4700"N	80°58'34.9907"W	14394.65	336.512	0.24	-0.16	0.18	
20833.00	90.950	341.280	6011.00	14443.91	13290.76	-5767.87	1647044.32	14354944.52	39°31'48.3481"N	80°58'35.3822"W	14488.37	336.540	1.07	0.78	0.73	
20928.00	90.620	340.600	6009.70	14538.90	13380.55	-5798.89	1647013.31	14355034.27	39°31'49.2356"N	80°58'35.7778"W	14583.08	336.569	0.80	-0.35	-0.72	
21022.00	90.710	341.090	6008.61	14632.89	13469.34	-5829.73	1646982.48	14355123.02	39°31'50.1132"N	80°58'36.1711"W	14676.81	336.596	0.53	0.10	0.52	
21117.00	90.680	340.720	6007.46	14727.88	13559.10	-5860.81	1646951.42	14355212.75	39°31'51.0004"N	80°58'36.5674"W	14771.54	336.624	0.39	-0.03	-0.39	
21212.00	90.770	341.450	6006.25	14822.88	13648.96	-5891.60	1646920.64	14355302.58	39°31'51.8887"N	80°58'36.9601"W	14866.24	336.652	0.77	0.09	0.77	
21307.00	90.430	340.840	6005.26	14917.87	13738.86	-5922.30	1646889.95	14355392.44	39°31'52.7772"N	80°58'37.3516"W	14960.95	336.681	0.74	-0.36	-0.64	
21401.00	90.520	340.290	6004.48	15011.86	13827.50	-5953.58	1646858.69	14355481.05	39°31'53.6533"N	80°58'37.7505"W	15054.73	336.705	0.59	0.10	-0.59	
21496.00	90.920	341.180	6003.29	15106.85	13917.17	-5984.92	1646827.36	14355570.68	39°31'54.5397"N	80°58'38.1502"W	15149.49	336.730	1.03	0.42	0.94	
21590.00	90.890	341.160	6001.80	15200.84	14006.13	-6015.25	1646797.03	14355659.60	39°31'55.4190"N	80°58'38.5371"W	15243.20	336.758	0.04	-0.03	-0.02	
21685.00	90.710	340.550	6000.47	15295.83	14095.87	-6046.41	1646765.89	14355749.30	39°31'56.3059"N	80°58'38.9344"W	15337.94	336.783	0.67	-0.19	-0.64	
21780.00	90.740	340.910	5999.27	15390.82	14185.54	-6077.76	1646734.56	14355838.94	39°31'57.1922"N	80°58'39.3342"W	15432.71	336.807	0.38	0.03	0.38	
21874.00	90.710	340.870	5998.08	15484.81	14274.35	-6108.53	1646703.80	14355927.72	39°31'58.0701"N	80°58'39.7267"W	15526.47	336.832	0.05	-0.03	-0.04	
21969.00	90.650	340.790	5996.96	15579.81	14364.08	-6139.72	1646672.62	14356017.41	39°31'58.9569"N	80°58'40.1245"W	15621.23	336.856	0.11	-0.06	-0.08	
22064.00	90.740	341.000	5995.80	15674.80	14453.84	-6170.81	1646641.54	14356107.13	39°31'59.8442"N	80°58'40.5210"W	15715.99	336.881	0.24	0.09	0.22	
22159.00	90.650	342.080	5994.65	15769.79	14543.94	-6200.89	1646611.47	14356197.20	39°32'0.7348"N	80°58'40.9046"W	15810.67	336.909	1.14	-0.09	1.14	
22253.00	91.020	342.340	5993.28	15863.76	14633.44	-6229.61	1646582.77	14356286.66	39°32'1.6193"N	80°58'41.2709"W	15904.26	336.940	0.48	0.39	0.28	



Actual Wellpath Report

Clutter Unit 2H AWP Proj: 24066'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 2H
Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWB
Slot	Slot I		

WELLPATH DATA (260 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
22348.00	90.770	342.030	5991.80	15958.73	14723.87	-6258.67	1646553.72	14356377.05	39°32'2.5132"N	80°58'41.6415"W	15998.85	336.971	0.42	-0.26	-0.33	
22443.00	90.550	341.950	5990.70	16053.71	14814.21	-6288.04	1646524.36	14356467.36	39°32'3.4061"N	80°58'42.0161"W	16093.48	337.001	0.25	-0.23	-0.08	
22537.00	90.710	341.780	5989.67	16147.69	14903.54	-6317.29	1646495.11	14356556.65	39°32'4.2890"N	80°58'42.3892"W	16187.14	337.029	0.25	0.17	-0.18	
22632.00	90.620	341.880	5988.57	16242.67	14993.79	-6346.92	1646465.50	14356646.87	39°32'5.1811"N	80°58'42.7670"W	16281.80	337.057	0.14	-0.09	0.11	
22726.00	90.740	341.690	5987.45	16336.66	15083.08	-6376.30	1646436.13	14356736.11	39°32'6.0636"N	80°58'43.1417"W	16375.48	337.084	0.24	0.13	-0.20	
22820.00	90.520	341.730	5986.42	16430.65	15172.32	-6405.80	1646406.65	14356825.32	39°32'6.9457"N	80°58'43.5179"W	16469.17	337.110	0.24	-0.23	0.04	
22915.00	90.770	342.240	5985.35	16525.63	15262.66	-6435.17	1646377.28	14356915.62	39°32'7.8386"N	80°58'43.8926"W	16563.82	337.138	0.60	0.26	0.54	
23010.00	91.020	342.490	5983.86	16620.59	15353.18	-6463.95	1646348.52	14357006.11	39°32'8.7333"N	80°58'44.2596"W	16658.42	337.168	0.37	0.26	0.26	
23104.00	91.290	341.250	5981.97	16714.56	15442.50	-6493.19	1646319.28	14357095.39	39°32'9.6161"N	80°58'44.6326"W	16752.08	337.194	1.35	0.29	-1.32	
23198.00	91.200	341.090	5979.93	16808.54	15531.44	-6523.53	1646288.96	14357184.30	39°32'10.4953"N	80°58'45.0195"W	16845.83	337.217	0.20	-0.10	-0.17	
23293.00	90.800	341.010	5978.27	16903.52	15621.28	-6554.37	1646258.13	14357274.10	39°32'11.3832"N	80°58'45.4129"W	16940.61	337.238	0.43	-0.42	-0.08	
23387.00	91.350	341.110	5976.51	16997.50	15710.18	-6584.88	1646227.64	14357362.96	39°32'12.2619"N	80°58'45.8020"W	17034.38	337.259	0.59	0.59	0.11	
23482.00	91.110	340.860	5974.47	17092.48	15799.97	-6615.82	1646196.71	14357452.72	39°32'13.1494"N	80°58'46.1967"W	17129.16	337.280	0.36	-0.25	-0.26	
23576.00	90.250	340.660	5973.35	17186.47	15888.71	-6646.80	1646165.74	14357541.43	39°32'14.0266"N	80°58'46.5918"W	17222.98	337.299	0.94	-0.91	-0.21	
23671.00	90.340	340.840	5972.86	17281.47	15978.40	-6678.12	1646134.44	14357631.08	39°32'14.9130"N	80°58'46.9913"W	17317.81	337.318	0.21	0.09	0.19	
23765.00	90.220	340.940	5972.40	17375.47	16067.22	-6708.89	1646103.68	14357719.86	39°32'15.7909"N	80°58'47.3838"W	17411.63	337.337	0.17	-0.13	0.11	
23860.00	90.150	340.870	5972.10	17470.47	16156.99	-6739.97	1646072.61	14357809.60	39°32'16.6783"N	80°58'47.7802"W	17506.44	337.356	0.10	-0.07	-0.07	
23954.00	89.880	340.850	5972.07	17564.47	16245.80	-6770.79	1646041.80	14357898.37	39°32'17.5560"N	80°58'48.1734"W	17600.27	337.375	0.29	-0.29	-0.02	
24041.00	89.850	340.710	5972.28	17651.47	16327.95	-6799.43	1646013.17	14357980.48	39°32'18.3680"N	80°58'48.5387"W	17687.11	337.392	0.16	-0.03	-0.16	
24066.00†	89.850	340.710	5972.34	17676.47	16351.54	-6807.69	1646004.92	14358004.07	39°32'18.6012"N	80°58'48.6440"W	17712.07	337.396	0.00	0.00	0.00	Projected MD at TD: 24066'



Actual Wellpath Report

Clutter Unit 2H AWP Proj: 24066'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 2H
Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWB
Slot	Slot I		

HOLE & CASING SECTIONS - Ref Wellbore: Clutter Unit 2H AWB Ref Wellpath: Clutter Unit 2H AWP Proj: 24066'

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	-0.13	0.39
17.5in Open Hole	130.00	351.00	221.00	130.00	350.99	-0.13	0.39	-1.09	1.55
13.375in Casing Surface	30.00	321.00	291.00	30.00	320.99	0.00	0.00	-0.95	1.42
12.25in Open Hole	351.00	2825.00	2474.00	350.99	2762.85	-1.09	1.55	-334.53	-354.61
9.625in Casing Intermediate	30.00	2805.00	2775.00	30.00	2743.50	0.00	0.00	-330.40	-351.70
8.75in Open Hole	2825.00	5480.00	2655.00	2762.85	5337.43	-334.53	-354.61	-740.45	-849.19
8.5in Open Hole	5480.00	24066.00	18586.00	5337.43	5972.34	-740.45	-849.19	16351.54	-6807.69
5.5in Casing Production	30.00	24046.00	24016.00	30.00	5972.29	0.00	0.00	16332.67	-6801.08

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Clutter Unit 2H BHL Rev-3	5968.13	16375.44	-6831.81	1645980.81	14358027.96	39°32'18.8374"N	80°58'48.9518"W	point
Clutter Unit 2H POE Rev-3	6075.00	-324.76	-1091.25	1651719.06	14341334.47	39°29'33.7649"N	80°57'35.7753"W	point
Clutter Unit 2H LP Rev-3	6120.00	-82.48	-1174.53	1651635.81	14341576.65	39°29'36.1598"N	80°57'36.8362"W	point
Clutter Unit 2H 50' L/R Hard Line Rev-2	6500.00	8025.34	-3961.53	1648849.93	14349681.22	39°30'56.3030"N	80°58'12.3515"W	rectangle

2D Rectangle 17659.3 x 100.



Actual Wellpath Report

Clutter Unit 2H AWP Proj: 24066'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 2H
Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWB
Slot	Slot I		

WELLPATH COMPOSITION - Ref Wellbore: Clutter Unit 2H AWB Ref Wellpath: Clutter Unit 2H AWP Proj: 24066'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	256.00	Gyrodata 2015 - GC+WIR+CAS	01 Gyrodata MS Gyro <17-1/2"> (100'-256')	Clutter Unit 2H AWB	6/20/2022
256.00	2752.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (256')(388'-2752')	Clutter Unit 2H AWB	6/20/2022
2752.00	5400.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (2752')(2843'-5400')	Clutter Unit 2H AWB	8/3/2022
5400.00	24066.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (5400')(5455'-24041')	Clutter Unit 2H AWB	8/3/2022



Actual Wellpath Report

Clutter Unit 2H AWP Proj: 24066'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Clutter Unit 2H
Field	Tyler	API	47-095-02782-0000
Facility	Eldon Pad	Wellbore	Clutter Unit 2H AWB
Slot	Slot I		

COMMENTS
<p>Wellpath general comments API: 47-095-02782-0000 BH Job #: 111394535 Rig: H&P 519 Duration: 8/7/2022-8/11/2022 Gyrodata MS Gyro <17-1/2"> (100'-256') APS EM <12-1/4"> (256')(388'-2752') APS EM <8-3/4"> (2752')(2843'-5400') BH AT Curve <8-1/2"> (5400')(5455'-24041') Sycamore: 6064' MD Middlesex: 6211' MD Burkett: 6380' MD Marcellus POE: 6454' MD Projected MD at TD: 24066'</p>