



ANTERO RESOURCES CORPORATION



Location: Tyler County, WV
 Field: Tyler
 Facility: Thin Air Pad

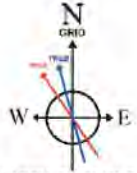
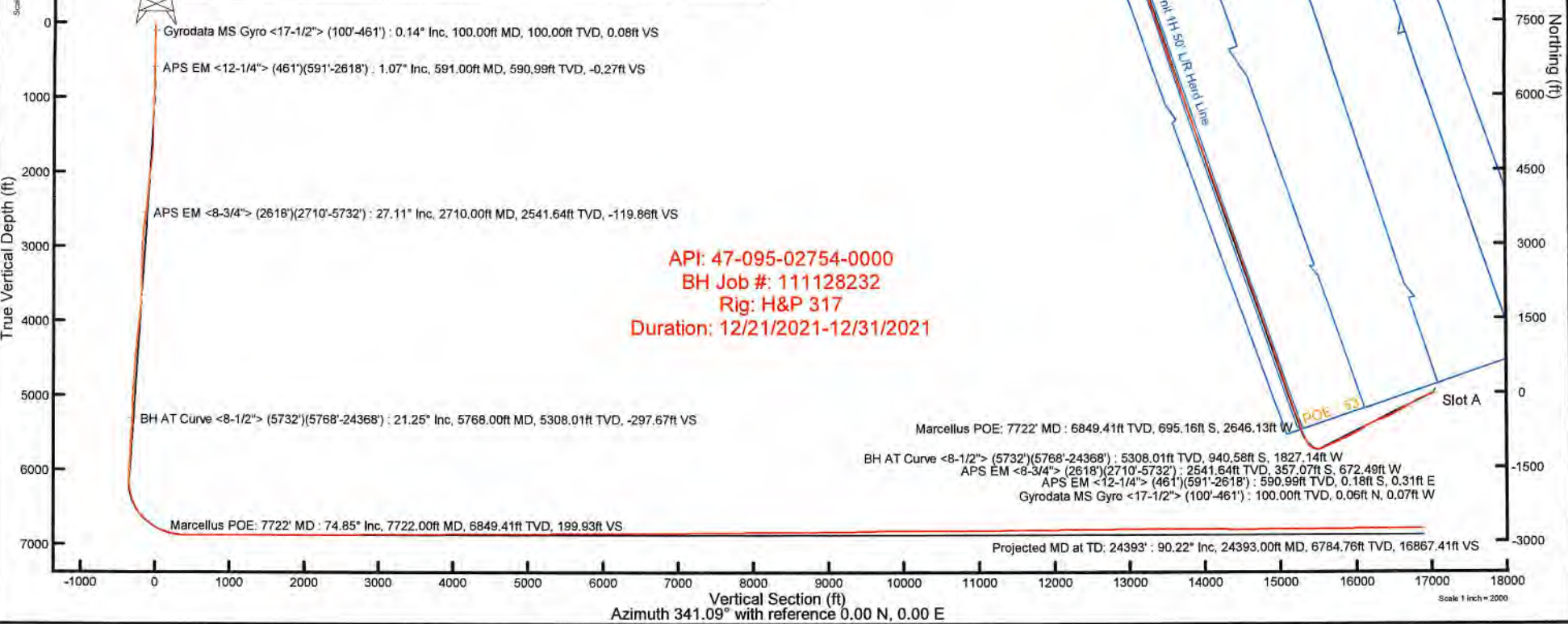
Slot: Slot A
 Well: Capitol Unit 1H
 Wellbore: Capitol Unit 1H PWB

Plot reference wellpath is Capitol Unit 1H PWP Rev-B.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 317 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 317 (RKB)	Scale: True distance
H&P 317 (RKB) to Mean Sea Level: 1225.5 feet	Coordinates are in feet referenced to DMI
Mean Sea Level to Ground level (At Slot: Slot A): -1200 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: eddyar on 2022-02-06; Database: WA_MPL_EASTERNJS_Dets

Location Information					
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
Thin Air Pad	1698787.140	14354225.910	39°31'40.5880"N	80°47'34.7850"W	
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Longitude
Slot A	-74.28	-50.84	1698736.320	14354151.690	39°31'39.8550"N 80°47'35.4360"W
Comment: Capitol Unit 1H					
H&P 317 (RKB) to Ground level (At Slot: Slot A)					25.5ft
Mean Sea Level to Ground level (At Slot: Slot A)					-1200ft
H&P 317 (RKB) to Mean Sea Level					1225.5ft

Well Profile Data								
Design Comment	MD (ft)	Inc (")	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	25.50	0.000	243.301	25.50	0.00	0.00	0.00	0.00
KOP 1	530.00	0.000	243.301	530.00	0.00	0.00	0.00	0.00
End of Build	1391.27	25.838	243.301	1362.38	-85.79	-170.58	3.00	-25.88
Curve KOP	6712.53	25.838	243.301	6151.86	-1127.79	-2242.48	0.00	-340.17
POE	7705.47	74.514	341.094	6849.00	-701.86	-2659.92	8.00	198.05
Landing Pt	7899.04	90.000	341.094	6872.00	-520.95	-2721.88	8.00	389.28
BHL	24408.72	90.000	341.094	6872.00	15096.18	-8070.50	0.00	16896.96

Well Data			
Slot	Well	Wellbore	Wellpath
Slot A	Capitol Unit 1H	Capitol Unit 1H AWB	Capitol Unit 1H AWP Proj: 24393'
Slot A	Capitol Unit 1H	Capitol Unit 1H PWB	Capitol Unit 1H PWP Rev-B.0



User specified (HDGM) Dip: 66.47° Field: 51793 nT
 Magnetic North is 7.53 degrees West of True North (at 19/Dec/2021)
 Grid North is 0.13 degrees East of True North
 To correct azimuth from True to Grid subtract 0.13 degrees
 To correct azimuth from Magnetic to Grid subtract 7.66 degrees

API: 47-095-02754-0000
BH Job #: 111128232
Rig: H&P 317
Duration: 12/21/2021-12/31/2021



Actual Wellpath Report

Capitol Unit 1H AWP Proj: 24393'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Capitol Unit 1H
Field	Tyler	API	47-095-02754-0000
Facility	Thin Air Pad	Wellbore	Capitol Unit 1H AWB
Slot	Slot A		

REPORT SETUP INFORMATION			
Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999604	Report Generated	06/Feb/2022 at 15:10
Convergence at slot	0.13° 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	-74.28	-50.84	1698736.32	14354151.66	39°31'39.8550"N	80°47'35.4360"W
Facility Reference Pt			1698787.14	14354225.91	39°31'40.5880"N	80°47'34.7850"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 317 (RKB) to Facility Vertical Datum	1225.50ft
Horizontal Reference Pt	Slot	H&P 317 (RKB) to Mean Sea Level	1225.50ft
Vertical Reference Pt	H&P 317 (RKB)	H&P 317 (RKB) to Ground Level at Slot (Slot A)	25.50ft
MD Reference Pt	H&P 317 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	341.09°



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Capitol Unit 1H AWP Proj: 24393'

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REFERENCE WELLPATH IDENTIFICATION			
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Field	Tyler	API	47-095-02754-0000
Facility	Thin Air Pad	Wellbore	Capitol Unit 1H AWB
Slot	Slot A		

WELLPATH DATA (261 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	311.300	0.00	0.00	0.00	0.00	1698736.32	14354151.66	39°31'39.8550"N	80°47'35.4360"W	0.00	0.000	0.00	0.00	0.00	
25.50	0.000	311.300	25.50	0.00	0.00	0.00	1698736.32	14354151.66	39°31'39.8550"N	80°47'35.4360"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.140	311.300	100.00	0.08	0.06	-0.07	1698736.25	14354151.72	39°31'39.8556"N	80°47'35.4368"W	0.09	311.300	0.19	0.19	0.00	Gyrodata MS Gyro <17-1/2"> (100'-461')
200.00	0.240	76.520	200.00	0.17	0.19	0.04	1698736.36	14354151.85	39°31'39.8569"N	80°47'35.4354"W	0.19	12.928	0.34	0.10	125.22	
300.00	0.250	63.920	300.00	0.17	0.33	0.44	1698736.76	14354151.99	39°31'39.8583"N	80°47'35.4303"W	0.56	52.972	0.05	0.01	-12.60	
400.00	0.200	63.260	400.00	0.22	0.51	0.79	1698737.11	14354152.17	39°31'39.8600"N	80°47'35.4258"W	0.94	57.384	0.05	-0.05	-0.66	
461.00	0.170	51.970	461.00	0.27	0.61	0.96	1698737.28	14354152.27	39°31'39.8611"N	80°47'35.4237"W	1.14	57.503	0.08	-0.05	-18.51	
591.00	1.070	221.280	590.99	-0.27	-0.18	0.31	1698736.63	14354151.48	39°31'39.8532"N	80°47'35.4320"W	0.36	120.091	0.95	0.69	130.24	APS EM <12-1/4"> (461')(591'-2618')
681.00	2.850	223.870	680.93	-1.71	-2.43	-1.79	1698734.53	14354149.24	39°31'39.8311"N	80°47'35.4589"W	3.02	216.467	1.98	1.98	2.88	
771.00	4.980	226.830	770.72	-4.34	-6.71	-6.19	1698730.13	14354144.95	39°31'39.7888"N	80°47'35.5152"W	9.13	222.697	2.38	2.37	3.29	
861.00	6.930	235.990	860.23	-7.36	-12.42	-13.54	1698722.78	14354139.24	39°31'39.7326"N	80°47'35.6092"W	18.38	227.473	2.40	2.17	10.18	
950.00	9.730	241.620	948.29	-10.00	-19.00	-24.61	1698711.72	14354132.67	39°31'39.6678"N	80°47'35.7506"W	31.09	232.332	3.27	3.15	6.33	
1041.00	12.560	241.740	1037.56	-12.87	-27.34	-40.10	1698696.24	14354124.33	39°31'39.5857"N	80°47'35.9485"W	48.53	235.709	3.11	3.11	0.13	
1136.00	16.390	244.070	1129.53	-16.19	-38.10	-61.26	1698675.09	14354113.58	39°31'39.4799"N	80°47'36.2188"W	72.14	238.121	4.08	4.03	2.45	
1230.00	20.000	248.710	1218.82	-18.48	-49.74	-88.17	1698648.18	14354101.94	39°31'39.3655"N	80°47'36.5627"W	101.23	240.572	4.14	3.84	4.94	
1325.00	23.210	251.760	1307.14	-18.94	-61.50	-121.10	1698615.27	14354090.18	39°31'39.2500"N	80°47'36.9832"W	135.82	243.076	3.58	3.38	3.21	
1419.00	24.310	251.230	1393.17	-18.67	-73.52	-157.01	1698579.37	14354078.17	39°31'39.1319"N	80°47'37.4419"W	173.37	244.908	1.19	1.17	-0.56	
1514.00	25.240	247.780	1479.43	-19.79	-87.48	-194.28	1698542.12	14354064.22	39°31'38.9949"N	80°47'37.9179"W	213.07	245.760	1.81	0.98	-3.63	
1609.00	27.170	244.270	1564.66	-23.54	-104.56	-232.58	1698503.84	14354047.15	39°31'38.8270"N	80°47'38.4071"W	255.00	245.794	2.60	2.03	-3.69	
1704.00	27.580	243.070	1649.03	-29.18	-123.93	-271.72	1698464.71	14354027.78	39°31'38.6363"N	80°47'38.9072"W	298.65	245.482	0.72	0.43	-1.26	
1798.00	27.600	241.980	1732.34	-35.67	-144.02	-310.35	1698426.10	14354007.70	39°31'38.4387"N	80°47'39.4007"W	342.13	245.106	0.54	0.02	-1.16	
1893.00	27.110	240.010	1816.72	-43.31	-165.18	-348.52	1698387.94	14353986.55	39°31'38.2305"N	80°47'39.8885"W	385.68	244.642	1.08	-0.52	-2.07	
1987.00	27.190	238.170	1900.36	-52.23	-187.21	-385.32	1698351.15	14353964.53	39°31'38.0135"N	80°47'40.3588"W	428.39	244.087	0.90	0.09	-1.96	
2082.00	27.660	237.630	1984.68	-62.21	-210.46	-422.38	1698314.10	14353941.28	39°31'37.7845"N	80°47'40.8325"W	471.91	243.514	0.56	0.49	-0.57	
2176.00	27.070	236.170	2068.16	-72.80	-234.05	-458.58	1698277.92	14353917.70	39°31'37.5522"N	80°47'41.2951"W	514.86	242.961	0.95	-0.63	-1.55	
2270.00	26.730	237.780	2151.99	-83.17	-257.23	-494.23	1698242.28	14353894.53	39°31'37.3239"N	80°47'41.7507"W	557.17	242.505	0.86	-0.36	1.71	
2365.00	27.420	241.300	2236.59	-91.81	-279.13	-531.50	1698205.03	14353872.64	39°31'37.1084"N	80°47'42.2269"W	600.33	242.293	1.84	0.73	3.71	
2460.00	28.050	242.240	2320.67	-98.97	-300.04	-570.45	1698166.10	14353851.74	39°31'36.9026"N	80°47'42.7247"W	644.54	242.257	0.81	0.66	0.99	
2554.00	28.320	241.680	2403.53	-106.01	-320.91	-609.64	1698126.93	14353830.88	39°31'36.6972"N	80°47'43.2253"W	688.94	242.238	0.40	0.29	-0.60	
2618.00	27.820	240.950	2460.00	-111.13	-335.36	-636.06	1698100.52	14353816.43	39°31'36.5549"N	80°47'43.5629"W	719.05	242.200	0.95	-0.78	-1.14	



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Capitol Unit 1H AWP Proj: 24393'
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Operator	ANTERO RESOURCES CORPORATION	Well	Capitol Unit 1H
Field	Tyler	API	47-095-02754-0000
Facility	Thin Air Pad	Wellbore	Capitol Unit 1H AWB
Slot	Slot A		

WELLPATH DATA (261 stations)																
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(US ft)	(US ft)			(ft)	(°)	(°/100ft)	(°/100ft)	(°/100ft)	
2710.00	27.110	237.420	2541.64	-119.86	-357.07	-672.49	1698064.10	14353794.73	39°31'36.3412"N	80°47'44.0285"W	761.41	242.033	1.93	-0.77	-3.84	APS EM <8-3/4"> (2618')(2710'-5732')
2808.00	27.260	237.280	2628.81	-130.49	-381.23	-710.19	1698026.41	14353770.58	39°31'36.1033"N	80°47'44.5103"W	806.04	241.773	0.17	0.15	-0.14	
2903.00	27.550	238.330	2713.15	-140.54	-404.52	-747.19	1697989.43	14353747.30	39°31'35.8739"N	80°47'44.9832"W	849.67	241.569	0.59	0.31	1.11	
3003.00	26.380	239.450	2802.28	-150.13	-427.96	-786.01	1697950.63	14353723.87	39°31'35.6431"N	80°47'45.4792"W	894.96	241.433	1.28	-1.17	1.12	
3101.00	25.810	246.490	2890.31	-156.24	-447.54	-824.33	1697912.32	14353704.30	39°31'35.4504"N	80°47'45.9688"W	937.98	241.502	3.21	-0.58	7.18	
3198.00	27.250	242.730	2977.10	-161.16	-466.14	-863.44	1697873.23	14353685.70	39°31'35.2675"N	80°47'46.4684"W	981.23	241.637	2.28	1.48	-3.88	
3294.00	26.930	243.790	3062.57	-167.12	-485.81	-902.48	1697834.20	14353666.04	39°31'35.0739"N	80°47'46.9672"W	1024.93	241.706	0.60	-0.33	1.10	
3391.00	25.680	249.810	3149.54	-170.38	-502.77	-941.92	1697794.78	14353649.09	39°31'34.9072"N	80°47'47.4710"W	1067.70	241.908	3.04	-1.29	6.21	
3488.00	26.240	251.210	3236.75	-170.80	-516.93	-981.94	1697754.77	14353634.93	39°31'34.7681"N	80°47'47.9822"W	1109.70	242.236	0.86	0.58	1.44	
3585.00	27.710	249.530	3323.19	-171.37	-531.73	-1023.38	1697713.35	14353620.14	39°31'34.6228"N	80°47'48.5114"W	1153.27	242.544	1.71	1.52	-1.73	
3683.00	27.390	251.460	3410.08	-171.85	-546.86	-1066.10	1697670.65	14353605.01	39°31'34.4742"N	80°47'49.0570"W	1198.17	242.844	0.97	-0.33	1.97	
3779.00	28.510	250.940	3494.88	-171.76	-561.37	-1108.69	1697628.07	14353590.52	39°31'34.3318"N	80°47'49.6010"W	1242.71	243.145	1.19	1.17	-0.54	
3876.00	27.720	247.060	3580.45	-173.41	-577.72	-1151.35	1697585.43	14353574.17	39°31'34.1711"N	80°47'50.1458"W	1288.16	243.353	2.05	-0.81	-4.00	
3974.00	28.740	242.980	3666.80	-178.34	-597.31	-1193.33	1697543.46	14353554.59	39°31'33.9784"N	80°47'50.6822"W	1334.48	243.410	2.23	1.04	-4.16	
4072.00	28.090	242.260	3752.99	-185.20	-618.76	-1234.74	1697502.07	14353533.15	39°31'33.7674"N	80°47'51.2112"W	1381.10	243.384	0.75	-0.66	-0.73	
4169.00	25.780	239.980	3839.46	-192.77	-639.94	-1273.22	1697463.60	14353511.97	39°31'33.5589"N	80°47'51.7029"W	1425.00	243.315	2.61	-2.38	-2.35	
4265.00	24.870	243.950	3926.24	-199.31	-659.25	-1309.44	1697427.40	14353492.67	39°31'33.3688"N	80°47'52.1657"W	1466.03	243.276	2.01	-0.95	4.14	
4363.00	25.240	237.210	4015.04	-206.88	-679.62	-1345.53	1697391.33	14353472.31	39°31'33.1683"N	80°47'52.6268"W	1507.42	243.202	2.94	0.38	-6.88	
4459.00	24.620	235.370	4102.10	-217.21	-702.07	-1379.19	1697357.68	14353449.87	39°31'32.9472"N	80°47'53.0570"W	1547.60	243.022	1.03	-0.65	-1.92	
4558.00	23.190	235.670	4192.60	-227.98	-724.78	-1412.25	1697324.63	14353427.16	39°31'32.7235"N	80°47'53.4796"W	1587.38	242.833	1.45	-1.44	0.30	
4656.00	22.190	235.880	4283.01	-237.97	-746.05	-1443.51	1697293.38	14353405.91	39°31'32.5140"N	80°47'53.8791"W	1624.90	242.669	1.02	-1.02	0.21	
4752.00	23.140	239.710	4371.61	-246.44	-765.73	-1474.81	1697262.10	14353386.23	39°31'32.3202"N	80°47'54.2790"W	1661.75	242.561	1.83	0.99	3.99	
4848.00	24.010	240.070	4459.59	-253.90	-784.99	-1508.02	1697228.90	14353366.98	39°31'32.1305"N	80°47'54.7035"W	1700.10	242.501	0.92	0.91	0.38	
4946.00	23.520	240.070	4549.28	-261.45	-804.70	-1542.25	1697194.69	14353347.29	39°31'31.9366"N	80°47'55.1408"W	1739.56	242.446	0.50	-0.50	0.00	
5043.00	23.600	241.540	4638.20	-268.37	-823.61	-1576.09	1697160.85	14353328.38	39°31'31.7504"N	80°47'55.5732"W	1778.31	242.410	0.61	0.08	1.52	
5145.00	23.550	242.380	4731.68	-274.84	-842.78	-1612.10	1697124.86	14353309.21	39°31'31.5617"N	80°47'56.0333"W	1819.11	242.400	0.33	-0.05	0.82	
5243.00	22.900	241.910	4821.74	-280.85	-860.84	-1646.27	1697090.71	14353291.17	39°31'31.3840"N	80°47'56.4698"W	1857.75	242.395	0.69	-0.66	-0.48	
5341.00	22.740	242.710	4912.07	-286.65	-878.50	-1679.92	1697057.07	14353273.51	39°31'31.2102"N	80°47'56.8998"W	1895.76	242.393	0.36	-0.16	0.82	
5439.00	21.700	246.500	5002.80	-290.86	-894.41	-1713.37	1697023.63	14353257.61	39°31'31.0537"N	80°47'57.3271"W	1932.77	242.435	1.81	-1.06	3.87	
5538.00	22.120	246.880	5094.65	-293.70	-909.03	-1747.30	1696989.72	14353243.00	39°31'30.9099"N	80°47'57.7605"W	1969.61	242.514	0.45	0.42	0.38	



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Facility	Thin Air Pad	Wellbore	Capitol Unit 1H AWB
Slot	Slot A		

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(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(US ft)	(US ft)			(ft)	(°)	(°/100ft)	(°/100ft)	(°/100ft)	
5635.00	22.140	247.700	5184.50	-296.12	-923.13	-1781.00	1696956.02	14353228.89	39°31'30.7713"N	80°47'58.1910"W	2006.03	242.601	0.32	0.02	0.85	
5732.00	21.650	250.800	5274.51	-297.29	-935.95	-1814.82	1696922.23	14353216.08	39°31'30.6453"N	80°47'58.6228"W	2041.95	242.719	1.29	-0.51	3.20	
5768.00	21.250	248.030	5308.01	-297.67	-940.58	-1827.14	1696909.91	14353211.46	39°31'30.5999"N	80°47'58.7802"W	2055.02	242.761	3.02	-1.11	-7.69	BH AT Curve <8-1/2"> (5732')(5768'-24368')
5865.00	23.680	243.780	5397.65	-301.09	-955.76	-1860.92	1696876.14	14353196.28	39°31'30.4505"N	80°47'59.2118"W	2092.01	242.815	3.01	2.51	-4.38	
5963.00	27.720	244.380	5485.94	-306.26	-974.32	-1899.14	1696837.93	14353177.73	39°31'30.2679"N	80°47'59.7001"W	2134.49	242.841	4.13	4.12	0.61	
6061.00	30.200	243.300	5571.68	-312.26	-995.26	-1941.72	1696795.37	14353156.80	39°31'30.0620"N	80°48'0.2440"W	2181.93	242.862	2.59	2.53	-1.10	
6158.00	30.070	245.750	5655.57	-317.83	-1016.20	-1985.68	1696751.43	14353135.86	39°31'29.8560"N	80°48'0.8055"W	2230.60	242.898	1.28	-0.13	2.53	
6254.00	30.240	245.730	5738.58	-322.33	-1036.01	-2029.64	1696707.49	14353116.06	39°31'29.6611"N	80°48'1.3671"W	2278.76	242.958	0.18	0.18	-0.02	
6352.00	28.560	246.080	5823.96	-326.68	-1055.66	-2073.56	1696663.59	14353096.42	39°31'29.4679"N	80°48'1.9281"W	2326.81	243.019	1.72	-1.71	0.36	
6451.00	28.690	245.530	5910.86	-331.05	-1075.10	-2116.82	1696620.35	14353076.99	39°31'29.2767"N	80°48'2.4807"W	2374.18	243.075	0.30	0.13	-0.56	
6549.00	28.730	245.940	5996.81	-335.44	-1094.44	-2159.73	1696577.45	14353057.65	39°31'29.0865"N	80°48'3.0289"W	2421.21	243.126	0.21	0.04	0.42	
6645.00	28.710	245.670	6081.00	-339.69	-1113.35	-2201.81	1696535.38	14353038.75	39°31'28.9005"N	80°48'3.5664"W	2467.29	243.177	0.14	-0.02	-0.28	
6743.00	28.270	255.050	6167.17	-340.31	-1129.04	-2245.71	1696491.51	14353023.07	39°31'28.7464"N	80°48'4.1270"W	2513.55	243.309	4.58	-0.45	9.57	
6840.00	27.190	264.070	6253.07	-333.74	-1137.26	-2289.96	1696447.27	14353014.85	39°31'28.6661"N	80°48'4.6920"W	2556.81	243.590	4.46	-1.11	9.30	
6937.00	29.190	281.190	6338.70	-316.87	-1134.96	-2335.29	1696401.96	14353017.16	39°31'28.6899"N	80°48'5.2704"W	2596.48	244.080	8.56	2.06	17.65	
7035.00	32.040	290.350	6423.08	-288.42	-1121.27	-2383.14	1696354.13	14353030.84	39°31'28.8262"N	80°48'5.8807"W	2633.74	244.803	5.57	2.91	9.35	
7133.00	34.590	300.840	6505.04	-250.70	-1097.94	-2431.45	1696305.84	14353054.15	39°31'29.0578"N	80°48'6.4964"W	2667.85	245.698	6.42	2.60	10.70	
7182.00†	36.094	311.714	6545.05	-227.48	-1081.19	-2454.19	1696283.11	14353070.90	39°31'29.2238"N	80°48'6.7862"W	2681.79	246.224	13.18	3.07	22.19	Sycamore: 7182' MD
7231.00	38.500	321.620	6584.06	-200.49	-1059.61	-2474.45	1696262.85	14353092.47	39°31'29.4376"N	80°48'7.0442"W	2691.78	246.818	13.18	4.91	20.22	
7329.00	46.370	330.100	6656.39	-136.77	-1004.82	-2511.16	1696226.16	14353147.24	39°31'29.9799"N	80°48'7.5110"W	2704.73	248.192	9.91	8.03	8.65	
7333.00†	46.686	330.287	6659.14	-133.92	-1002.30	-2512.60	1696224.72	14353149.76	39°31'30.0048"N	80°48'7.5294"W	2705.14	248.252	8.47	7.91	4.17	Middlesex: 7333' MD
7428.00	54.260	333.790	6719.57	-61.61	-937.59	-2546.83	1696190.51	14353214.44	39°31'30.6451"N	80°48'7.9643"W	2713.93	249.789	8.47	7.97	3.71	
7499.00†	58.825	335.879	6758.71	-2.74	-883.99	-2571.98	1696165.36	14353268.02	39°31'31.1754"N	80°48'8.2838"W	2719.65	251.032	6.88	6.43	2.94	Burkett: 7499' MD
7526.00	60.570	336.620	6772.33	20.48	-862.65	-2581.37	1696155.98	14353289.35	39°31'31.3865"N	80°48'8.4030"W	2721.70	251.521	6.88	6.46	2.74	
7557.00†	62.230	337.190	6787.17	47.63	-837.62	-2592.04	1696145.31	14353314.38	39°31'31.8342"N	80°48'8.5385"W	2724.02	252.092	5.59	5.35	1.84	Tully: 7557' MD
7623.00	65.770	338.350	6816.10	106.84	-782.71	-2614.47	1696122.89	14353369.26	39°31'32.1773"N	80°48'8.8232"W	2729.12	253.334	5.59	5.36	1.76	
7719.00	74.590	341.700	6848.62	197.03	-697.90	-2645.22	1696092.15	14353454.03	39°31'33.0161"N	80°48'9.2132"W	2735.74	255.220	9.75	9.19	3.49	
7722.00†	74.847	341.731	6849.41	199.93	-695.16	-2646.13	1696091.25	14353456.78	39°31'33.0433"N	80°48'9.2248"W	2735.92	255.281	8.62	8.56	1.02	Marcellus POE: 7722' MD
7767.00	78.700	342.180	6859.71	243.72	-653.51	-2659.69	1696077.69	14353498.41	39°31'33.4552"N	80°48'9.3967"W	2738.80	256.195	8.62	8.56	1.00	
7814.00	83.340	342.230	6867.04	290.12	-609.32	-2673.88	1696063.51	14353542.58	39°31'33.8923"N	80°48'9.5765"W	2742.42	257.163	9.87	9.87	0.11	



Actual Wellpath Report

Capitol Unit 1H AWP Proj: 24393'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Capitol Unit 1H
Field	Tyler		API	47-095-02754-0000
Facility	Thin Air Pad		Wellbore	Capitol Unit 1H AWB
Slot	Slot A			

WELLPATH DATA (261 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
7913.00	90.370	339.220	6872.47	388.90	-516.08	-2706.49	1696030.91	14353635.78	39°31'34.8145"N	80°48'9.9901"W	2755.26	259.204	7.72	7.10	-3.04	
8011.00	89.720	338.730	6872.40	486.83	-424.61	-2741.65	1695995.76	14353727.22	39°31'35.7193"N	80°48'10.4362"W	2774.34	261.196	0.83	-0.66	-0.50	
8108.00	89.820	340.100	6872.79	583.78	-333.81	-2775.76	1695961.67	14353817.99	39°31'36.6175"N	80°48'10.8689"W	2795.75	263.143	1.42	0.10	1.41	
8205.00	90.120	341.400	6872.84	680.78	-242.23	-2807.73	1695929.70	14353909.52	39°31'37.5232"N	80°48'11.2745"W	2818.16	265.069	1.38	0.31	1.34	
8303.00	89.970	342.040	6872.76	778.77	-149.18	-2838.47	1695898.98	14354002.54	39°31'38.4436"N	80°48'11.8641"W	2842.39	266.992	0.67	-0.15	0.65	
8400.00	89.940	341.890	6872.84	875.76	-56.94	-2868.50	1695868.96	14354094.74	39°31'39.3558"N	80°48'12.0448"W	2869.07	268.863	0.16	-0.03	-0.15	
8497.00	89.600	341.030	6873.22	972.76	35.02	-2899.35	1695838.13	14354186.67	39°31'40.2654"N	80°48'12.4358"W	2899.56	270.692	0.95	-0.35	-0.89	
8594.00	90.580	341.880	6873.07	1069.75	126.98	-2930.20	1695807.29	14354278.59	39°31'41.1749"N	80°48'12.8270"W	2932.95	272.481	1.34	1.01	0.88	
8693.00	90.000	342.000	6872.57	1168.74	221.10	-2960.89	1695776.61	14354372.67	39°31'42.1058"N	80°48'13.2160"W	2969.13	274.271	0.60	-0.59	0.12	
8790.00	89.480	341.500	6873.01	1265.73	313.22	-2991.26	1695746.25	14354464.76	39°31'43.0169"N	80°48'13.6011"W	3007.62	275.978	0.74	-0.54	-0.52	
8887.00	89.780	342.010	6873.64	1362.72	405.34	-3021.63	1695715.89	14354556.84	39°31'43.9280"N	80°48'13.9861"W	3048.70	277.640	0.61	0.31	0.53	
8983.00	89.780	340.870	6874.01	1458.72	496.35	-3052.19	1695685.35	14354647.81	39°31'44.8281"N	80°48'14.3736"W	3092.28	279.237	1.19	0.00	-1.19	
9080.00	89.850	342.190	6874.32	1555.71	588.35	-3082.92	1695654.63	14354739.77	39°31'45.7380"N	80°48'14.7632"W	3138.56	280.805	1.36	0.07	1.36	
9177.00	89.880	341.830	6874.55	1652.70	680.61	-3112.88	1695624.68	14354832.00	39°31'46.6505"N	80°48'15.1429"W	3186.41	282.333	0.37	0.03	-0.37	
9275.00	89.780	341.260	6874.84	1750.70	773.57	-3143.90	1695593.67	14354924.92	39°31'47.5699"N	80°48'15.5363"W	3237.67	283.823	0.59	-0.10	-0.58	
9373.00	90.220	342.000	6874.84	1848.69	866.57	-3174.78	1695562.80	14355017.89	39°31'48.4897"N	80°48'15.9279"W	3290.93	285.267	0.88	0.45	0.76	
9471.00	90.370	341.430	6874.33	1946.68	959.62	-3205.53	1695532.07	14355110.90	39°31'49.4100"N	80°48'16.3177"W	3346.09	286.666	0.60	0.15	-0.58	
9569.00	90.460	341.060	6873.62	2044.68	1052.41	-3237.04	1695500.57	14355203.66	39°31'50.3278"N	80°48'16.7172"W	3403.82	288.010	0.39	0.09	-0.38	
9666.00	90.000	340.200	6873.23	2141.68	1143.92	-3269.21	1695468.41	14355295.13	39°31'51.2329"N	80°48'17.1253"W	3463.56	289.285	1.01	-0.47	-0.89	
9763.00	90.400	340.840	6872.90	2238.67	1235.37	-3301.56	1695436.08	14355386.54	39°31'52.1374"N	80°48'17.5356"W	3525.11	290.515	0.78	0.41	0.66	
9861.00	90.340	341.510	6872.26	2336.67	1328.12	-3333.18	1695404.47	14355479.26	39°31'53.0548"N	80°48'17.9366"W	3588.03	291.725	0.69	-0.06	0.68	
9958.00	90.430	341.760	6871.61	2433.66	1420.18	-3363.74	1695373.92	14355571.28	39°31'53.9653"N	80°48'18.3241"W	3651.25	292.890	0.27	0.09	0.26	
10057.00	90.180	341.130	6871.08	2532.66	1514.03	-3395.24	1695342.43	14355665.09	39°31'54.8935"N	80°48'18.7235"W	3717.52	294.033	0.68	-0.25	-0.64	
10154.00	90.340	341.000	6870.64	2629.66	1605.78	-3426.72	1695310.97	14355756.80	39°31'55.8010"N	80°48'19.1227"W	3784.30	295.108	0.21	0.16	-0.13	
10252.00	90.460	341.630	6869.96	2727.65	1698.62	-3458.11	1695279.59	14355849.60	39°31'56.7191"N	80°48'19.5208"W	3852.77	296.160	0.65	0.12	0.64	
10348.00	90.460	341.610	6869.19	2823.65	1789.72	-3488.38	1695249.33	14355940.66	39°31'57.6202"N	80°48'19.9046"W	3920.70	297.160	0.02	0.00	-0.02	
10445.00	90.550	341.570	6868.33	2920.64	1881.75	-3519.01	1695218.71	14356032.66	39°31'58.5304"N	80°48'20.2930"W	3990.54	298.135	0.10	0.09	-0.04	
10543.00	89.910	339.840	6867.94	3018.63	1974.24	-3551.39	1695186.34	14356125.11	39°31'59.4452"N	80°48'20.7038"W	4063.25	299.070	1.88	-0.65	-1.77	
10641.00	90.250	340.780	6867.80	3116.62	2066.51	-3584.41	1695153.33	14356217.34	39°32'0.3578"N	80°48'21.1226"W	4137.45	299.965	1.02	0.35	0.96	
10738.00	90.370	340.460	6867.28	3213.62	2158.01	-3616.60	1695121.16	14356308.81	39°32'1.2628"N	80°48'21.5309"W	4211.51	300.824	0.35	0.12	-0.33	



Actual Wellpath Report

Capitol Unit 1H AWP Proj: 24393'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Capitol Unit 1H
Field	Tyler		API	47-095-02754-0000
Facility	Thin Air Pad		Wellbore	Capitol Unit 1H AWB
Slot	Slot A			

WELLPATH DATA (261 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
10836.00	90.490	341.560	6866.54	3311.61	2250.67	-3648.49	1695089.28	14356401.44	39°32'2.1793"N	80°48'21.9354"W	4286.84	301.670	1.13	0.12	1.12	
10935.00	90.400	342.340	6865.78	3410.60	2344.80	-3679.16	1695058.62	14356495.52	39°32'3.1102"N	80°48'22.3243"W	4362.83	302.510	0.79	-0.09	0.79	
11033.00	90.250	340.650	6865.22	3508.59	2437.72	-3710.26	1695027.53	14356588.41	39°32'4.0293"N	80°48'22.7187"W	4439.43	303.306	1.73	-0.15	-1.72	
11129.00	90.430	341.720	6864.65	3604.59	2528.59	-3741.22	1694996.58	14356679.24	39°32'4.9281"N	80°48'23.1113"W	4515.59	304.054	1.13	0.19	1.11	
11226.00	90.280	340.990	6864.05	3701.58	2620.50	-3772.23	1694965.59	14356771.11	39°32'5.8371"N	80°48'23.5046"W	4593.12	304.787	0.77	-0.15	-0.75	
11323.00	90.090	341.250	6863.74	3798.58	2712.28	-3803.62	1694934.21	14356862.86	39°32'6.7448"N	80°48'23.9027"W	4671.62	305.492	0.33	-0.20	0.27	
11420.00	90.430	341.800	6863.30	3895.58	2804.28	-3834.36	1694903.49	14356954.82	39°32'7.6547"N	80°48'24.2925"W	4750.40	306.180	0.67	0.35	0.57	
11519.00	90.430	341.660	6862.55	3994.57	2898.28	-3865.40	1694872.46	14357048.79	39°32'8.5845"N	80°48'24.6860"W	4831.29	306.863	0.14	0.00	-0.14	
11616.00	90.220	341.350	6862.00	4091.56	2990.27	-3896.17	1694841.71	14357140.74	39°32'9.4943"N	80°48'25.0762"W	4911.40	307.506	0.39	-0.22	-0.32	
11713.00	90.250	341.300	6861.60	4188.56	3082.17	-3927.22	1694810.66	14357232.60	39°32'10.4031"N	80°48'25.4701"W	4992.28	308.126	0.06	0.03	-0.05	
11812.00	90.340	341.550	6861.09	4287.56	3176.01	-3958.76	1694779.14	14357326.40	39°32'11.3313"N	80°48'25.8700"W	5075.31	308.739	0.27	0.09	0.25	
11909.00	90.090	340.290	6860.73	4384.56	3267.68	-3990.47	1694747.44	14357418.03	39°32'12.2379"N	80°48'26.2722"W	5157.67	309.313	1.32	-0.26	-1.30	
12006.00	90.490	340.280	6860.24	4481.54	3358.99	-4023.19	1694714.73	14357509.31	39°32'13.1411"N	80°48'26.6874"W	5241.07	309.859	0.41	0.41	-0.01	
12104.00	90.340	340.220	6859.53	4579.53	3451.22	-4056.30	1694681.63	14357601.51	39°32'14.0533"N	80°48'27.1075"W	5325.84	310.392	0.16	-0.15	-0.06	
12202.00	90.370	340.790	6858.92	4677.52	3543.60	-4089.01	1694648.94	14357693.85	39°32'14.9670"N	80°48'27.5224"W	5410.83	310.913	0.58	0.03	0.58	
12299.00	90.280	340.180	6858.37	4774.52	3635.03	-4121.41	1694616.55	14357785.24	39°32'15.8713"N	80°48'27.9335"W	5495.40	311.412	0.64	-0.09	-0.63	
12396.00	90.090	340.040	6858.06	4871.50	3726.24	-4154.41	1694583.56	14357876.42	39°32'16.7735"N	80°48'28.3522"W	5580.68	311.890	0.24	-0.20	-0.14	
12494.00	90.340	340.490	6857.69	4969.49	3818.48	-4187.50	1694550.48	14357968.62	39°32'17.6859"N	80°48'28.7721"W	5667.10	312.361	0.53	0.26	0.46	
12591.00	90.220	340.300	6857.22	5066.48	3909.86	-4220.05	1694517.95	14358059.96	39°32'18.5896"N	80°48'29.1850"W	5752.90	312.815	0.23	-0.12	-0.20	
12689.00	90.090	339.850	6856.95	5164.47	4001.99	-4253.45	1694484.57	14358152.06	39°32'19.5009"N	80°48'29.6088"W	5840.18	313.255	0.48	-0.13	-0.46	
12788.00	90.150	339.680	6856.74	5263.44	4094.88	-4287.69	1694450.34	14358244.91	39°32'20.4197"N	80°48'30.0433"W	5928.94	313.682	0.18	0.06	-0.17	
12886.00	90.250	340.290	6856.40	5361.42	4186.96	-4321.23	1694416.81	14358336.95	39°32'21.3305"N	80°48'30.4689"W	6016.95	314.096	0.63	0.10	0.62	
12984.00	90.490	341.130	6855.77	5459.42	4279.46	-4353.60	1694384.45	14358429.41	39°32'22.2453"N	80°48'30.8796"W	6104.72	314.508	0.89	0.24	0.86	
13083.00	90.180	340.570	6855.19	5558.41	4372.98	-4386.08	1694351.99	14358522.89	39°32'23.1703"N	80°48'31.2916"W	6193.59	314.914	0.65	-0.31	-0.57	
13182.00	90.250	339.990	6854.82	5657.40	4466.17	-4419.48	1694318.60	14358616.05	39°32'24.0920"N	80°48'31.7154"W	6283.19	315.301	0.59	0.07	-0.59	
13280.00	90.430	340.460	6854.24	5755.39	4558.39	-4452.64	1694285.45	14358708.23	39°32'25.0041"N	80°48'32.1361"W	6372.20	315.672	0.51	0.18	0.48	
13376.00	90.340	340.800	6853.59	5851.38	4648.95	-4484.48	1694253.63	14358798.76	39°32'25.8999"N	80°48'32.5401"W	6459.36	316.032	0.37	-0.09	0.35	
13473.00	90.310	340.540	6853.04	5948.38	4740.48	-4516.58	1694221.53	14358890.25	39°32'26.8052"N	80°48'32.9474"W	6547.65	316.386	0.27	-0.03	-0.27	
13572.00	90.250	340.430	6852.56	6047.37	4833.79	-4549.66	1694188.48	14358983.53	39°32'27.7281"N	80°48'33.3670"W	6638.14	316.734	0.13	-0.06	-0.11	
13670.00	90.430	340.440	6851.98	6145.36	4926.13	-4582.47	1694155.67	14359075.83	39°32'28.6414"N	80°48'33.7834"W	6727.99	317.070	0.18	0.18	0.01	



Actual Wellpath Report

Capitol Unit 1H AWP Proj: 24393'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Capitol Unit 1H
Field	Tyler		API	47-095-02754-0000
Facility	Thin Air Pad		Wellbore	Capitol Unit 1H AWB
Slot	Slot A			

WELLPATH DATA (261 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
13767.00	90.490	340.330	6851.20	6242.35	5017.50	-4615.03	1694123.12	14359167.16	39°32'29.5451"N	80°48'34.1966"W	6817.17	317.393	0.13	0.06	-0.11	
13866.00	90.710	340.510	6850.16	6341.34	5110.77	-4648.21	1694089.96	14359260.40	39°32'30.4676"N	80°48'34.6175"W	6908.39	317.714	0.29	0.22	0.18	
13964.00	90.680	340.610	6848.97	6439.33	5203.18	-4680.82	1694057.36	14359352.77	39°32'31.3815"N	80°48'35.0313"W	6998.80	318.025	0.11	-0.03	0.10	
14059.00	90.550	340.630	6847.95	6534.32	5292.79	-4712.35	1694025.85	14359442.34	39°32'32.2679"N	80°48'35.4313"W	7086.59	318.320	0.14	-0.14	0.02	
14158.00	90.520	340.800	6847.03	6633.31	5386.23	-4745.04	1693993.17	14359535.75	39°32'33.1920"N	80°48'35.8461"W	7178.22	318.621	0.17	-0.03	0.17	
14256.00	90.400	340.500	6846.24	6731.31	5478.69	-4777.51	1693960.71	14359628.17	39°32'34.1065"N	80°48'36.2581"W	7269.16	318.911	0.33	-0.12	-0.31	
14353.00	90.400	340.520	6845.57	6828.30	5570.13	-4809.87	1693928.36	14359719.57	39°32'35.0109"N	80°48'36.6687"W	7359.43	319.189	0.02	0.00	0.02	
14452.00	90.340	340.580	6844.93	6927.29	5663.48	-4842.84	1693895.41	14359812.88	39°32'35.9342"N	80°48'37.0870"W	7451.72	319.466	0.09	-0.06	0.06	
14549.00	90.400	340.460	6844.30	7024.29	5754.92	-4875.19	1693863.08	14359904.29	39°32'36.8387"N	80°48'37.4974"W	7542.32	319.731	0.14	0.06	-0.12	
14646.00	90.460	340.420	6843.57	7121.28	5846.32	-4907.66	1693830.61	14359995.68	39°32'37.7427"N	80°48'37.9095"W	7633.13	319.988	0.07	0.06	-0.04	
14743.00	90.370	340.390	6842.87	7218.27	5937.70	-4940.19	1693798.10	14360087.00	39°32'38.6465"N	80°48'38.3222"W	7724.11	320.239	0.10	-0.09	-0.03	
14842.00	90.580	340.280	6842.05	7317.26	6030.93	-4973.50	1693764.80	14360180.19	39°32'39.5685"N	80°48'38.7450"W	7817.15	320.489	0.24	0.21	-0.11	
14940.00	90.430	340.500	6841.18	7415.25	6123.24	-5006.39	1693731.92	14360272.46	39°32'40.4815"N	80°48'39.1623"W	7909.36	320.730	0.27	-0.15	0.22	
15036.00	90.800	340.770	6840.15	7511.24	6213.80	-5038.22	1693700.10	14360362.99	39°32'41.3773"N	80°48'39.5662"W	7999.69	320.964	0.48	0.39	0.28	
15132.00	90.520	340.750	6839.05	7607.23	6304.43	-5069.86	1693668.48	14360453.59	39°32'42.2737"N	80°48'39.9676"W	8090.08	321.195	0.29	-0.29	-0.02	
15229.00	90.280	340.710	6838.37	7704.22	6396.00	-5101.87	1693636.48	14360545.11	39°32'43.1793"N	80°48'40.3737"W	8181.55	321.422	0.25	-0.25	-0.04	
15325.00	90.550	340.540	6837.68	7800.22	6486.56	-5133.71	1693604.65	14360635.64	39°32'44.0750"N	80°48'40.7779"W	8272.27	321.641	0.33	0.28	-0.18	
15421.00	90.980	340.770	6836.39	7896.21	6577.13	-5165.51	1693572.87	14360726.17	39°32'44.9708"N	80°48'41.1813"W	8363.08	321.855	0.51	0.45	0.24	
15519.00	90.650	340.580	6835.00	7994.19	6669.60	-5197.94	1693540.45	14360818.60	39°32'45.8853"N	80°48'41.5928"W	8455.89	322.069	0.39	-0.34	-0.19	
15616.00	90.770	340.530	6833.80	8091.18	6761.06	-5230.23	1693508.17	14360910.03	39°32'46.7899"N	80°48'42.0025"W	8547.94	322.275	0.13	0.12	-0.05	
15713.00	90.150	340.460	6833.02	8188.17	6852.49	-5262.61	1693475.80	14361001.42	39°32'47.6942"N	80°48'42.4135"W	8640.12	322.476	0.64	-0.64	-0.07	
15811.00	90.220	340.590	6832.70	8286.17	6944.88	-5295.29	1693443.14	14361093.78	39°32'48.6080"N	80°48'42.8281"W	8733.35	322.675	0.15	0.07	0.13	
15909.00	90.250	340.560	6832.30	8384.16	7037.30	-5327.88	1693410.56	14361186.16	39°32'49.5221"N	80°48'43.2417"W	8826.66	322.871	0.04	0.03	-0.03	
16006.00	90.400	340.650	6831.75	8481.16	7128.80	-5360.09	1693378.36	14361277.62	39°32'50.4271"N	80°48'43.6504"W	8919.10	323.061	0.18	0.15	0.09	
16103.00	90.280	340.750	6831.18	8578.15	7220.34	-5392.15	1693346.32	14361369.13	39°32'51.3325"N	80°48'44.0572"W	9011.58	323.248	0.16	-0.12	0.10	
16200.00	90.280	340.600	6830.70	8675.15	7311.88	-5424.25	1693314.23	14361460.63	39°32'52.2378"N	80°48'44.4646"W	9104.18	323.430	0.15	0.00	-0.15	
16299.00	90.060	340.400	6830.41	8774.14	7405.20	-5457.29	1693281.20	14361553.91	39°32'53.1608"N	80°48'44.8840"W	9198.86	323.611	0.30	-0.22	-0.20	
16397.00	90.370	340.450	6830.04	8872.14	7497.53	-5490.13	1693248.38	14361646.21	39°32'54.0741"N	80°48'45.3006"W	9292.71	323.786	0.32	0.32	0.05	
16495.00	90.310	341.430	6829.46	8970.13	7590.16	-5522.13	1693216.39	14361738.80	39°32'54.9902"N	80°48'45.7067"W	9386.40	323.963	1.00	-0.06	1.00	
16594.00	90.150	341.280	6829.06	9069.13	7683.96	-5553.78	1693184.75	14361832.56	39°32'55.9179"N	80°48'46.1082"W	9480.91	324.142	0.22	-0.16	-0.15	



Actual Wellpath Report

Capitol Unit 1H AWP Proj: 24393'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Capitol Unit 1H
Field	Tyler		API	47-095-02754-0000
Facility	Thin Air Pad		Wellbore	Capitol Unit 1H AWB
Slot	Slot A			

WELLPATH DATA (261 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
16692.00	90.580	341.890	6828.44	9167.13	7776.94	-5584.74	1693153.81	14361925.50	39°32'56.8375"N	80°48'46.5010"W	9574.45	324.317	0.76	0.44	0.62	
16790.00	90.770	341.830	6827.28	9265.11	7870.06	-5615.25	1693123.31	14362018.59	39°32'57.7584"N	80°48'46.8880"W	9667.93	324.492	0.20	0.19	-0.06	
16888.00	92.650	342.710	6824.36	9363.04	7963.36	-5645.08	1693093.49	14362111.85	39°32'58.6812"N	80°48'47.2663"W	9761.25	324.668	2.12	1.92	0.90	
16985.00	91.510	341.600	6820.84	9459.96	8055.63	-5674.78	1693063.80	14362204.08	39°32'59.5937"N	80°48'47.6430"W	9853.75	324.837	1.64	-1.18	-1.14	
17083.00	91.390	341.830	6818.36	9557.92	8148.65	-5705.52	1693033.07	14362297.07	39°33'0.5137"N	80°48'48.0330"W	9947.54	325.001	0.26	-0.12	0.23	
17181.00	90.830	341.860	6816.46	9655.89	8241.76	-5736.05	1693002.56	14362390.14	39°33'1.4345"N	80°48'48.4202"W	10041.35	325.163	0.57	-0.57	0.03	
17279.00	90.650	341.620	6815.19	9753.88	8334.81	-5766.75	1692971.86	14362483.16	39°33'2.3548"N	80°48'48.8097"W	10135.31	325.321	0.31	-0.18	-0.24	
17377.00	89.850	341.670	6814.77	9851.87	8427.83	-5797.61	1692941.02	14362576.13	39°33'3.2747"N	80°48'49.2012"W	10229.40	325.475	0.82	-0.82	0.05	
17474.00	90.030	341.730	6814.87	9948.87	8519.92	-5828.07	1692910.57	14362668.19	39°33'4.1855"N	80°48'49.5876"W	10322.57	325.626	0.20	0.19	0.06	
17572.00	90.060	341.530	6814.79	10046.86	8612.93	-5858.95	1692879.70	14362761.16	39°33'5.1053"N	80°48'49.9795"W	10416.81	325.774	0.21	0.03	-0.20	
17669.00	90.030	341.650	6814.71	10143.86	8704.96	-5889.59	1692849.08	14362853.16	39°33'6.0156"N	80°48'50.3681"W	10510.17	325.919	0.13	-0.03	0.12	
17766.00	89.940	341.730	6814.74	10240.85	8797.05	-5920.06	1692818.62	14362945.21	39°33'6.9263"N	80°48'50.7547"W	10603.55	326.061	0.12	-0.09	0.08	
17863.00	89.910	341.420	6814.87	10337.85	8889.08	-5950.72	1692787.97	14363037.20	39°33'7.8365"N	80°48'51.1437"W	10697.05	326.200	0.32	-0.03	-0.32	
17961.00	90.030	341.480	6814.92	10435.85	8981.99	-5981.90	1692756.81	14363130.07	39°33'8.7554"N	80°48'51.5392"W	10791.62	326.337	0.14	0.12	0.06	
18059.00	89.940	341.710	6814.94	10533.84	9074.97	-6012.84	1692725.88	14363223.02	39°33'9.6750"N	80°48'51.9318"W	10886.20	326.473	0.25	-0.09	0.23	
18156.00	90.030	341.890	6814.97	10630.84	9167.12	-6043.13	1692695.59	14363315.13	39°33'10.5864"N	80°48'52.3161"W	10979.78	326.606	0.21	0.09	0.19	
18253.00	90.460	341.410	6814.55	10727.83	9259.19	-6073.67	1692665.07	14363407.16	39°33'11.4969"N	80°48'52.7036"W	11073.48	326.737	0.66	0.44	-0.49	
18350.00	90.340	341.810	6813.88	10824.82	9351.23	-6104.27	1692634.48	14363499.17	39°33'12.4072"N	80°48'53.0918"W	11167.26	326.864	0.43	-0.12	0.41	
18448.00	90.340	341.570	6813.29	10922.82	9444.27	-6135.06	1692603.70	14363592.17	39°33'13.3273"N	80°48'53.4824"W	11262.02	326.992	0.24	0.00	-0.24	
18546.00	90.430	341.630	6812.64	11020.81	9537.26	-6165.99	1692572.78	14363685.12	39°33'14.2470"N	80°48'53.8749"W	11356.88	327.117	0.11	0.09	0.06	
18643.00	90.490	341.910	6811.86	11117.80	9629.38	-6196.34	1692542.45	14363777.21	39°33'15.1581"N	80°48'54.2599"W	11450.75	327.239	0.30	0.06	0.29	
18742.00	90.550	341.570	6810.96	11216.79	9723.40	-6227.35	1692511.44	14363871.18	39°33'16.0879"N	80°48'54.6534"W	11546.62	327.362	0.35	0.06	-0.34	
18839.00	90.550	341.670	6810.03	11313.78	9815.44	-6257.94	1692480.87	14363963.19	39°33'16.9982"N	80°48'55.0414"W	11640.65	327.480	0.10	0.00	0.10	
18935.00	90.370	341.390	6809.26	11409.77	9906.49	-6288.35	1692450.47	14364054.21	39°33'17.8988"N	80°48'55.4273"W	11733.80	327.594	0.35	-0.19	-0.29	
19033.00	90.370	341.930	6808.62	11507.77	9999.51	-6319.19	1692419.65	14364147.19	39°33'18.8187"N	80°48'55.8186"W	11828.88	327.709	0.55	0.00	0.55	
19132.00	90.620	341.490	6807.77	11606.76	10093.51	-6350.25	1692388.59	14364241.15	39°33'19.7483"N	80°48'56.2127"W	11924.96	327.824	0.51	0.25	-0.44	
19230.00	90.580	341.580	6806.74	11704.75	10186.46	-6381.29	1692357.57	14364334.06	39°33'20.6676"N	80°48'56.6066"W	12020.18	327.935	0.10	-0.04	0.09	
19329.00	90.490	341.600	6805.82	11803.74	10280.39	-6412.56	1692326.32	14364427.96	39°33'21.5965"N	80°48'57.0032"W	12116.40	328.045	0.09	-0.09	0.02	
19427.00	90.520	341.380	6804.95	11901.73	10373.31	-6443.67	1692295.22	14364520.84	39°33'22.5156"N	80°48'57.3980"W	12211.74	328.152	0.23	0.03	-0.22	
19524.00	90.550	341.750	6804.05	11998.73	10465.33	-6474.34	1692264.56	14364612.83	39°33'23.4257"N	80°48'57.7872"W	12306.11	328.257	0.38	0.03	0.38	



Actual Wellpath Report

Capitol Unit 1H AWP Proj: 24393'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Capitol Unit 1H
Field	Tyler	API	47-095-02754-0000
Facility	Thin Air Pad	Wellbore	Capitol Unit 1H AWB
Slot	Slot A		

WELLPATH DATA (261 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
19623.00	90.620	341.620	6803.04	12097.72	10559.31	-6505.45	1692233.46	14364706.77	39°33'24.3551"N	80°48'58.1819"W	12402.42	328.363	0.15	0.07	-0.13	
19720.00	90.490	341.480	6802.10	12194.71	10651.32	-6536.14	1692202.78	14364798.74	39°33'25.2651"N	80°48'58.5714"W	12496.87	328.465	0.20	-0.13	-0.14	
19818.00	90.520	341.480	6801.23	12292.70	10744.24	-6567.27	1692171.66	14364891.63	39°33'26.1841"N	80°48'58.9664"W	12592.37	328.565	0.03	0.03	0.00	
19915.00	90.430	341.660	6800.43	12389.70	10836.27	-6597.94	1692141.01	14364983.61	39°33'27.0942"N	80°48'59.3555"W	12686.90	328.664	0.21	-0.09	0.19	
20012.00	90.340	341.490	6799.78	12486.69	10928.29	-6628.59	1692110.36	14365075.60	39°33'28.0043"N	80°48'59.7445"W	12781.46	328.761	0.20	-0.09	-0.18	
20109.00	90.680	341.990	6798.92	12583.68	11020.40	-6658.99	1692079.99	14365167.68	39°33'28.9153"N	80°49'0.1302"W	12876.00	328.858	0.62	0.35	0.52	
20207.00	90.620	341.690	6797.80	12681.66	11113.51	-6689.53	1692049.46	14365260.75	39°33'29.8361"N	80°49'0.5177"W	12971.51	328.955	0.31	-0.06	-0.31	
20305.00	90.520	341.660	6796.83	12779.65	11206.54	-6720.34	1692018.66	14365353.74	39°33'30.7562"N	80°49'0.9086"W	13067.11	329.050	0.11	-0.10	-0.03	
20402.00	90.770	341.370	6795.74	12876.65	11298.53	-6751.09	1691987.92	14365445.69	39°33'31.6659"N	80°49'1.2989"W	13161.84	329.141	0.39	0.26	-0.30	
20500.00	90.680	341.390	6794.50	12974.64	11391.39	-6782.38	1691956.64	14365538.52	39°33'32.5843"N	80°49'1.6959"W	13257.62	329.231	0.09	-0.09	0.02	
20599.00	90.430	341.450	6793.54	13073.63	11485.23	-6813.92	1691925.11	14365632.32	39°33'33.5124"N	80°49'2.0962"W	13354.40	329.320	0.26	-0.25	0.06	
20697.00	90.180	341.480	6793.02	13171.63	11578.14	-6845.07	1691893.97	14365725.19	39°33'34.4313"N	80°49'2.4916"W	13450.22	329.408	0.26	-0.26	0.03	
20796.00	90.280	341.660	6792.62	13270.62	11672.07	-6876.37	1691862.69	14365819.08	39°33'35.3602"N	80°49'2.8887"W	13547.01	329.496	0.21	0.10	0.18	
20893.00	90.150	341.570	6792.25	13367.62	11764.11	-6906.96	1691832.10	14365911.09	39°33'36.2705"N	80°49'3.2769"W	13641.87	329.582	0.16	-0.13	-0.09	
20990.00	89.910	341.630	6792.20	13464.61	11856.15	-6937.58	1691801.50	14366003.09	39°33'37.1808"N	80°49'3.6655"W	13736.76	329.666	0.26	-0.25	0.06	
21086.00	89.510	341.410	6792.69	13560.61	11947.20	-6968.01	1691771.08	14366094.11	39°33'38.0813"N	80°49'4.0516"W	13830.72	329.748	0.48	-0.42	-0.23	
21185.00	89.850	342.230	6793.24	13659.60	12041.26	-6998.90	1691740.21	14366188.12	39°33'39.0115"N	80°49'4.4436"W	13927.54	329.833	0.90	0.34	0.83	
21282.00	89.750	341.930	6793.58	13756.58	12133.55	-7028.74	1691710.37	14366280.38	39°33'39.9242"N	80°49'4.8223"W	14022.35	329.917	0.33	-0.10	-0.31	
21380.00	89.660	341.680	6794.09	13854.57	12226.65	-7059.35	1691679.79	14366373.44	39°33'40.8450"N	80°49'5.2106"W	14118.26	329.999	0.27	-0.09	-0.26	
21475.00	89.690	341.710	6794.62	13949.57	12316.84	-7089.18	1691649.96	14366463.60	39°33'41.7369"N	80°49'5.5892"W	14211.30	330.077	0.04	0.03	0.03	
21573.00	89.630	340.610	6795.21	14047.56	12409.59	-7120.83	1691618.33	14366556.31	39°33'42.6542"N	80°49'5.9908"W	14307.48	330.152	1.12	-0.06	-1.12	
21669.00	89.750	340.600	6795.73	14143.56	12500.14	-7152.71	1691586.46	14366646.82	39°33'43.5498"N	80°49'6.3955"W	14401.90	330.221	0.13	0.13	-0.01	
21767.00	89.660	340.530	6796.23	14241.55	12592.55	-7185.31	1691553.87	14366739.20	39°33'44.4638"N	80°49'6.8095"W	14498.32	330.291	0.12	-0.09	-0.07	
21864.00	89.630	340.810	6796.83	14338.55	12684.08	-7217.42	1691521.77	14366830.69	39°33'45.3690"N	80°49'7.2171"W	14593.74	330.360	0.29	-0.03	0.29	
21961.00	89.630	340.290	6797.46	14435.54	12775.55	-7249.72	1691489.49	14366922.12	39°33'46.2736"N	80°49'7.6271"W	14689.21	330.426	0.54	0.00	-0.54	
22058.00	90.370	340.630	6797.46	14532.54	12866.96	-7282.16	1691457.06	14367013.50	39°33'47.1777"N	80°49'8.0390"W	14784.74	330.492	0.84	0.76	0.35	
22157.00	90.250	340.600	6796.92	14631.53	12960.35	-7315.02	1691424.21	14367106.85	39°33'48.1013"N	80°49'8.4562"W	14882.21	330.559	0.12	-0.12	-0.03	
22255.00	90.310	340.490	6796.44	14729.53	13052.75	-7347.66	1691391.58	14367199.21	39°33'49.0152"N	80°49'8.8706"W	14978.73	330.624	0.13	0.06	-0.11	
22352.00	90.400	340.610	6795.84	14826.52	13144.21	-7379.96	1691359.30	14367290.64	39°33'49.9198"N	80°49'9.2806"W	15074.29	330.687	0.15	0.09	0.12	
22451.00	90.430	340.500	6795.13	14925.51	13237.56	-7412.92	1691326.35	14367383.95	39°33'50.8431"N	80°49'9.6990"W	15171.83	330.752	0.12	0.03	-0.11	



Actual Wellpath Report

Capitol Unit 1H AWP Proj: 24393'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Capitol Unit 1H
Field	Tyler	API	47-095-02754-0000
Facility	Thin Air Pad	Wellbore	Capitol Unit 1H AWB
Slot	Slot A		

WELLPATH DATA (261 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
22549.00	90.370	340.330	6794.44	15023.50	13329.89	-7445.77	1691293.52	14367476.24	39°33'51.7562"N	80°49'10.1161"W	15268.44	330.813	0.18	-0.06	-0.17	
22648.00	90.310	340.760	6793.85	15122.50	13423.24	-7478.74	1691260.56	14367569.55	39°33'52.6794"N	80°49'10.5347"W	15366.03	330.876	0.44	-0.06	0.43	
22745.00	90.280	340.640	6793.35	15219.49	13514.78	-7510.80	1691228.51	14367661.06	39°33'53.5849"N	80°49'10.9417"W	15461.61	330.937	0.13	-0.03	-0.12	
22842.00	90.150	340.480	6792.99	15316.49	13606.25	-7543.08	1691196.24	14367752.50	39°33'54.4895"N	80°49'11.3516"W	15557.26	330.997	0.21	-0.13	-0.16	
22941.00	90.280	340.370	6792.62	15415.48	13699.53	-7576.25	1691163.08	14367845.74	39°33'55.4121"N	80°49'11.7728"W	15654.93	331.056	0.17	0.13	-0.11	
23038.00	90.280	340.820	6792.14	15512.48	13791.02	-7608.48	1691130.87	14367937.19	39°33'56.3169"N	80°49'12.1819"W	15750.59	331.115	0.46	0.00	0.46	
23135.00	90.400	340.720	6791.57	15609.47	13882.60	-7640.43	1691098.94	14368028.74	39°33'57.2227"N	80°49'12.5875"W	15846.22	331.173	0.16	0.12	-0.10	
23234.00	90.220	340.620	6791.03	15708.47	13976.02	-7673.20	1691066.18	14368122.12	39°33'58.1466"N	80°49'13.0036"W	15943.87	331.232	0.21	-0.18	-0.10	
23331.00	90.280	340.720	6790.61	15805.46	14067.55	-7705.30	1691034.08	14368213.61	39°33'59.0519"N	80°49'13.4112"W	16039.57	331.289	0.12	0.06	0.10	
23429.00	90.180	340.590	6790.22	15903.46	14160.02	-7737.77	1691001.63	14368306.04	39°33'59.9664"N	80°49'13.8234"W	16136.27	331.346	0.17	-0.10	-0.13	
23526.00	90.460	340.510	6789.68	16000.46	14251.48	-7770.06	1690969.35	14368397.47	39°34'0.8710"N	80°49'14.2334"W	16232.03	331.400	0.30	0.29	-0.08	
23623.00	90.310	340.610	6789.02	16097.45	14342.95	-7802.35	1690937.08	14368488.90	39°34'1.7756"N	80°49'14.6433"W	16327.79	331.454	0.19	-0.15	0.10	
23721.00	90.340	340.630	6788.47	16195.44	14435.40	-7834.87	1690904.57	14368581.31	39°34'2.6899"N	80°49'15.0562"W	16424.55	331.509	0.04	0.03	0.02	
23817.00	90.310	340.830	6787.92	16291.44	14526.02	-7866.55	1690872.90	14368671.89	39°34'3.5861"N	80°49'15.4585"W	16519.31	331.562	0.21	-0.03	0.21	
23914.00	90.310	340.830	6787.40	16388.44	14617.64	-7898.40	1690841.07	14368763.48	39°34'4.4923"N	80°49'15.8628"W	16615.05	331.616	0.00	0.00	0.00	
24013.00	90.340	340.600	6786.84	16487.43	14711.08	-7931.10	1690808.38	14368856.88	39°34'5.4164"N	80°49'16.2780"W	16712.81	331.670	0.23	0.03	-0.23	
24111.00	90.280	340.530	6786.31	16585.43	14803.49	-7963.70	1690775.79	14368949.26	39°34'6.3304"N	80°49'16.6920"W	16809.64	331.721	0.09	-0.06	-0.07	
24206.00	90.370	340.490	6785.77	16680.42	14893.05	-7995.40	1690744.10	14369038.78	39°34'7.2161"N	80°49'17.0945"W	16903.53	331.771	0.10	0.09	-0.04	
24301.00	90.340	340.570	6785.18	16775.42	14982.61	-8027.06	1690712.45	14369128.31	39°34'8.1020"N	80°49'17.4965"W	16997.43	331.819	0.09	-0.03	0.08	
24368.00	90.220	340.650	6784.85	16842.41	15045.81	-8049.31	1690690.22	14369191.48	39°34'8.7270"N	80°49'17.7790"W	17063.64	331.854	0.22	-0.18	0.12	
24393.00‡	90.220	340.650	6784.76	16867.41	15069.40	-8057.59	1690681.94	14369215.06	39°34'8.9603"N	80°49'17.8841"W	17088.35	331.867	0.00	0.00	0.00	Projected MD at TD: 24393'



Actual Wellpath Report

Capitol Unit 1H AWP Proj: 24393'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Capitol Unit 1H
Field	Tyler		API	47-095-02754-0000
Facility	Thin Air Pad		Wellbore	Capitol Unit 1H AWB
Slot	Slot A			

WELLPATH DATA (261 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
22549.00	90.370	340.330	6794.44	15023.50	13329.89	-7445.77	1691293.52	14367476.24	39°33'51.7562"N	80°49'10.1161"W	15268.44	330.813	0.18	-0.06	-0.17	
22648.00	90.310	340.760	6793.85	15122.50	13423.24	-7478.74	1691260.56	14367569.55	39°33'52.6794"N	80°49'10.5347"W	15366.03	330.876	0.44	-0.06	0.43	
22745.00	90.280	340.640	6793.35	15219.49	13514.78	-7510.80	1691228.51	14367661.06	39°33'53.5849"N	80°49'10.9417"W	15461.61	330.937	0.13	-0.03	-0.12	
22842.00	90.150	340.480	6792.99	15316.49	13606.25	-7543.08	1691196.24	14367752.50	39°33'54.4895"N	80°49'11.3516"W	15557.26	330.997	0.21	-0.13	-0.16	
22941.00	90.280	340.370	6792.62	15415.48	13699.53	-7576.25	1691163.08	14367845.74	39°33'55.4121"N	80°49'11.7728"W	15654.93	331.056	0.17	0.13	-0.11	
23038.00	90.280	340.820	6792.14	15512.48	13791.02	-7608.48	1691130.87	14367937.19	39°33'56.3169"N	80°49'12.1819"W	15750.59	331.115	0.46	0.00	0.46	
23135.00	90.400	340.720	6791.57	15609.47	13882.60	-7640.43	1691098.94	14368028.74	39°33'57.2227"N	80°49'12.5875"W	15846.22	331.173	0.16	0.12	-0.10	
23234.00	90.220	340.620	6791.03	15708.47	13976.02	-7673.20	1691066.18	14368122.12	39°33'58.1466"N	80°49'13.0036"W	15943.87	331.232	0.21	-0.18	-0.10	
23331.00	90.280	340.720	6790.61	15805.46	14067.55	-7705.30	1691034.08	14368213.61	39°33'59.0519"N	80°49'13.4112"W	16039.57	331.289	0.12	0.06	0.10	
23429.00	90.180	340.590	6790.22	15903.46	14160.02	-7737.77	1691001.63	14368306.04	39°33'59.9664"N	80°49'13.8234"W	16136.27	331.346	0.17	-0.10	-0.13	
23526.00	90.460	340.510	6789.68	16000.46	14251.48	-7770.06	1690969.35	14368397.47	39°34'0.8710"N	80°49'14.2334"W	16232.03	331.400	0.30	0.29	-0.08	
23623.00	90.310	340.610	6789.02	16097.45	14342.95	-7802.35	1690937.08	14368488.90	39°34'1.7756"N	80°49'14.6433"W	16327.79	331.454	0.19	-0.15	0.10	
23721.00	90.340	340.630	6788.47	16195.44	14435.40	-7834.87	1690904.57	14368581.31	39°34'2.6899"N	80°49'15.0562"W	16424.55	331.509	0.04	0.03	0.02	
23817.00	90.310	340.830	6787.92	16291.44	14526.02	-7866.55	1690872.90	14368671.89	39°34'3.5861"N	80°49'15.4585"W	16519.31	331.562	0.21	-0.03	0.21	
23914.00	90.310	340.830	6787.40	16388.44	14617.64	-7898.40	1690841.07	14368763.48	39°34'4.4923"N	80°49'15.8628"W	16615.05	331.616	0.00	0.00	0.00	
24013.00	90.340	340.600	6786.84	16487.43	14711.08	-7931.10	1690808.38	14368856.88	39°34'5.4164"N	80°49'16.2780"W	16712.81	331.670	0.23	0.03	-0.23	
24111.00	90.280	340.530	6786.31	16585.43	14803.49	-7963.70	1690775.79	14368949.26	39°34'6.3304"N	80°49'16.6920"W	16809.64	331.721	0.09	-0.06	-0.07	
24206.00	90.370	340.490	6785.77	16680.42	14893.05	-7995.40	1690744.10	14369038.78	39°34'7.2161"N	80°49'17.0945"W	16903.53	331.771	0.10	0.09	-0.04	
24301.00	90.340	340.570	6785.18	16775.42	14982.61	-8027.06	1690712.45	14369128.31	39°34'8.1020"N	80°49'17.4965"W	16997.43	331.819	0.09	-0.03	0.08	
24368.00	90.220	340.650	6784.85	16842.41	15045.81	-8049.31	1690690.22	14369191.48	39°34'8.7270"N	80°49'17.7790"W	17063.64	331.854	0.22	-0.18	0.12	
24393.00‡	90.220	340.650	6784.76	16867.41	15069.40	-8057.59	1690681.94	14369215.06	39°34'8.9603"N	80°49'17.8841"W	17088.35	331.867	0.00	0.00	0.00	Projected MD at TD: 24393'



Actual Wellpath Report

Capitol Unit 1H AWP Proj: 24393'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Capitol Unit 1H
Field	Tyler	API	47-095-02754-0000
Facility	Thin Air Pad	Wellbore	Capitol Unit 1H AWB
Slot	Slot A		

HOLE & CASING SECTIONS - Ref Wellbore: Capitol Unit 1H AWB Ref Wellpath: Capitol Unit 1H AWP Proj: 24393'

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	25.50	126.00	100.50	25.50	126.00	0.00	0.00	0.10	-0.10
17.5in Open Hole	126.00	483.00	357.00	126.00	483.00	0.10	-0.10	0.62	0.99
13.375in Casing Surface	25.50	463.00	437.50	25.50	463.00	0.00	0.00	0.62	0.97
12.25in Open Hole	483.00	2695.00	2212.00	483.00	2528.29	0.62	0.99	-353.42	-666.70
9.625in Casing Intermediate	25.50	2675.00	2649.50	25.50	2510.52	0.00	0.00	-348.61	-658.89
8.75in Open Hole	2695.00	5796.00	3101.00	2528.29	5334.05	-353.42	-666.70	-944.54	-1836.65
8.5in Open Hole	5796.00	24393.00	18597.00	5334.05	6784.76	-944.54	-1836.65	15069.40	-8057.59
5.5in Casing Production	25.50	24373.00	24347.50	25.50	6784.83	0.00	0.00	15050.53	-8050.96

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Capitol Unit 1H POE Rev-3	6846.00	-701.86	-2659.92	1696077.46	14353450.08	39°31'32.9774"N	80°48'9.4009"W	point
Capitol Unit 1H BHL Rev-3	6872.00	15096.18	-8070.60	1690668.93	14369241.83	39°34'9.2252"N	80°49'18.0496"W	point
Capitol Unit 1H LP Rev-3	6872.00	-520.95	-2721.88	1696015.53	14353630.91	39°31'34.7667"N	80°48'10.1866"W	point
Capitol Unit 1H 50' L/R Hard Line	7000.00	7197.16	-5365.26	1693373.19	14361345.96	39°32'51.1028"N	80°48'43.7146"W	rectangle
2D Rectangle 16698.9 x 100.								



Actual Wellpath Report

Capitol Unit 1H AWP Proj: 24393'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Capitol Unit 1H
Field	Tyler	API	47-095-02754-0000
Facility	Thin Air Pad	Wellbore	Capitol Unit 1H AWB
Slot	Slot A		

WELLPATH COMPOSITION - Ref Wellbore: Capitol Unit 1H AWB Ref Wellpath: Capitol Unit 1H AWP Proj: 24393'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
25.50	461.00	Gyrodatta 2015 - GC+WIR+DPIPE	01_Gyrodatta MS Gyro <17-1/2"> (100'-461')	Capitol Unit 1H AWB	19/Dec/2021
461.00	2618.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02_APS EM <12-1/4"> (461')(591'-2618')	Capitol Unit 1H AWB	19/Dec/2021
2618.00	5732.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03_APS EM <8-3/4"> (2618')(2710'-5732')	Capitol Unit 1H AWB	19/Dec/2021
5732.00	24393.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04_BH AT Curve <8-1/2"> (5732')(5768'-24368')	Capitol Unit 1H AWB	19/Dec/2021



Actual Wellpath Report

Capitol Unit 1H AWP Proj: 24393'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Capitol Unit 1H
Field	Tyler	API	47-095-02754-0000
Facility	Thin Air Pad	Wellbore	Capitol Unit 1H AWB
Slot	Slot A		

COMMENTS

Wellpath general comments

API: 47-095-02754-0000

BH Job #: 111128232

Rig: H&P 317

Duration: 12/21/2021-12/31/2021

Gyrodata MS Gyro <17-1/2"> (100'-461')

APS EM <12-1/4"> (461')(591'-2618')

APS EM <8-3/4"> (2618')(2710'-5732')

BH AT Curve <8-1/2"> (5732')(5768'-24368')

Sycamore: 7182' MD

Middlesex: 7333' MD

Burkett: 7499' MD

Tully: 7557' MD

Marcellus POE: 7722' MD

Projected MD at TD: 24393'