



ANTERO RESOURCES CORPORATION

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

Slot: Slot #02
 Well: Wade Unit 2H
 Wellbore: Wade Unit 2H PWB

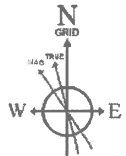
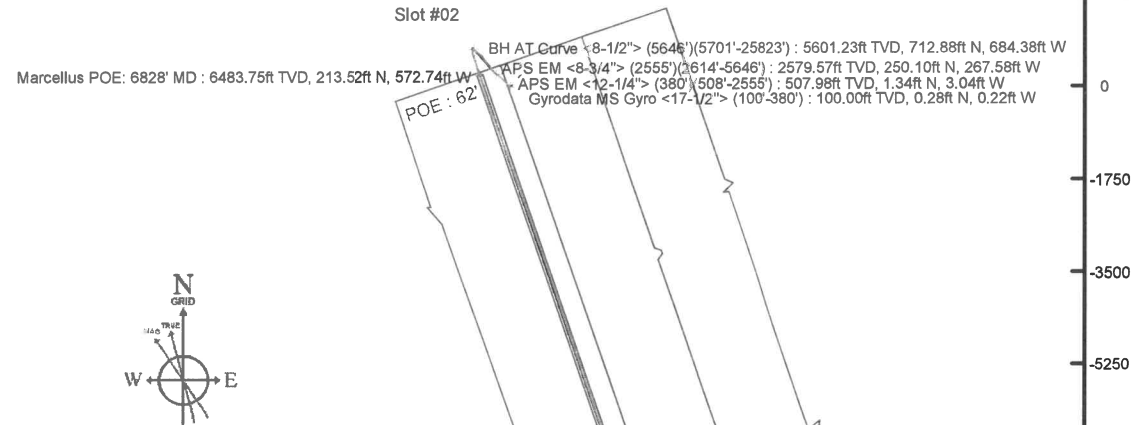


Plot reference wellpath is Wade Unit 2H PWP Rev-B.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 317 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 317 (RKB)	Scale: True distance
H&P 317 (RKB) to Mean Sea Level: 1029.5ft	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot #02): -1004 feet	Depths are in feet
Offset wellpath MDs are referenced to each well's default MD datum	Created by: edcaryar on 2021-07-13; Database: WA_MPL_EASTERNUS_Data

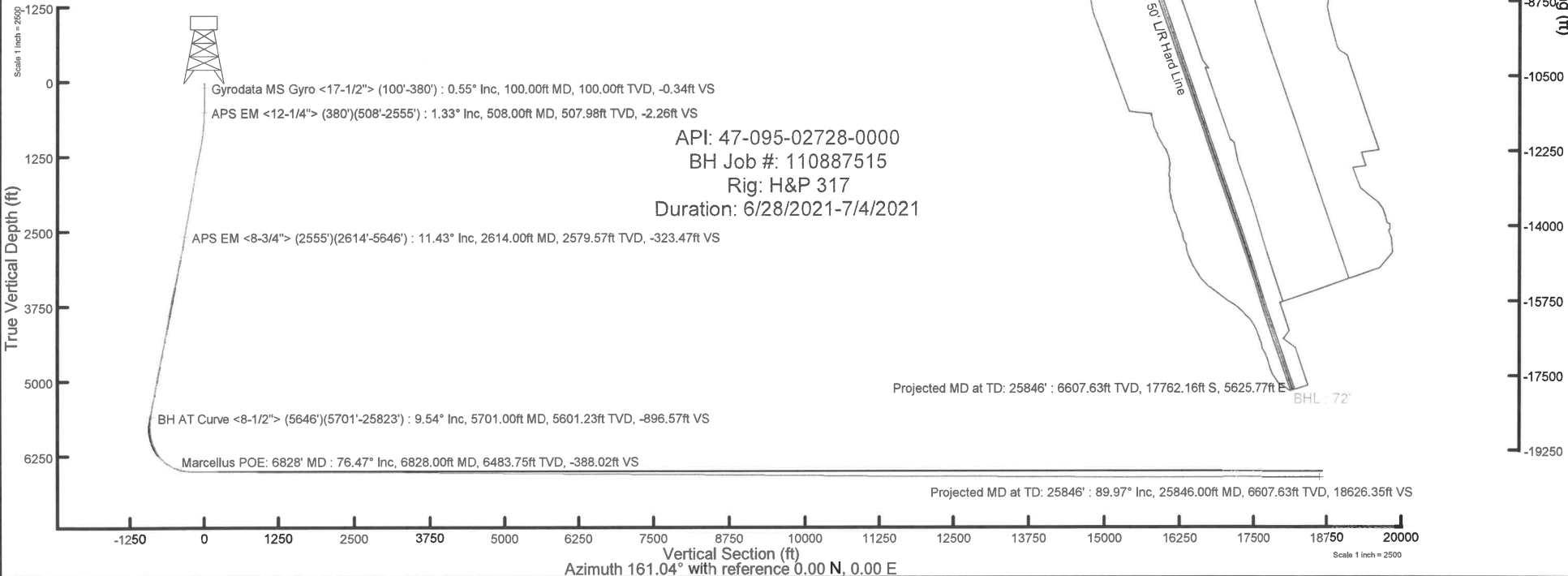
Location Information				
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Blizzard Pad	1682398.190	14343430.420	39°29'54.1703"N	80°51'4.2494"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Slot #02	10.91	10.28	1682408.470	14343441.330
Comment: Wade Unit 2H				
H&P 317 (RKB) to Ground level (At Slot: Slot #02)				25.5ft
Mean Sea Level to Ground level (At Slot: Slot #02)				-1004ft
H&P 317 (RKB) to Mean Sea Level				1029.5ft

Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	VS (ft)
Tie On	2555.00	11.430	304.430	2521.74	243.48	-257.94	-314.08
Proj. to Bottom	2629.00	11.430	304.430	2594.27	251.77	-270.04	-325.85
Drill Out	2709.00	11.430	304.430	2672.68	260.74	-283.11	-338.58
End of 3D Arc	2807.63	11.825	319.019	2769.31	273.89	-297.80	-355.79
Curve KOP	5754.96	11.825	319.019	5654.09	729.85	-693.90	-915.71
POE	6827.63	74.817	161.040	6480.00	225.24	-574.63	-399.72
Landing Pt.	7017.42	90.000	161.040	6505.00	47.84	-513.69	-212.15
BHL	25890.17	90.000	161.040	6505.00	-17801.01	5618.14	18660.61

Well Data			
Slot	Well	Wellbore	Wellpath
Slot #02	Wade Unit 2H	Wade Unit 2H AWB	Wade Unit 2HAWP Proj. 25846'
Slot #02	Wade Unit 2H	Wade Unit 2H PWB	Wade Unit 2H PWP Rev-B.0



User specified (HDGM) Dip: 66.45° Field: 51732 nT
 Magnetic North is 7.35 degrees West of True North (at 27/Jun/2021)
 Grid North is 0.09 degrees East of True North
 To correct azimuth from True to Grid subtract 0.09 degrees
 To correct azimuth from Magnetic to Grid subtract 7.44 degrees





Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'

Page 1 of 13



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Wade Unit 2H
Field	Tyler	API	47-095-02728-0000
Facility	Blizzard Pad	Wellbore	Wade Unit 2H AWB
Slot	Slot #02		

REPORT SETUP INFORMATION			
Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999602	Report Generated	13/Jul/2021 at 15:41
Convergence at slot	0.09° 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	10.91	10.28	1682408.47	14343441.33	39°29'54.2780"N	80°51'4.1180"W
Facility Reference Pt			1682398.19	14343430.42	39°29'54.1703"N	80°51'4.2494"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	1029.50ft
Horizontal Reference Pt	Slot	H&P 317 (RKB) to Mean Sea Level	1029.50ft
Vertical Reference Pt	H&P 317 (RKB)	H&P 317 (RKB) to Ground Level at Slot (Slot #02)	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	161.04°



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'

Page 2 of 13



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Wade Unit 2H
Field	Tyler	API	47-095-02728-0000
Facility	Blizzard Pad	Wellbore	Wade Unit 2H AWB
Slot	Slot #02		

WELLPATH DATA (282 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	321.940	0.00	0.00	0.00	0.00	1682408.47	14343441.33	39°29'54.2780"N	80°51'4.1180"W	0.00	0.000	0.00	0.00	0.00	
25.50	0.000	321.940	25.50	0.00	0.00	0.00	1682408.47	14343441.33	39°29'54.2780"N	80°51'4.1180"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.550	321.940	100.00	-0.34	0.28	-0.22	1682408.25	14343441.61	39°29'54.2808"N	80°51'4.1208"W	0.36	321.940	0.74	0.74	0.00	Gyrodata MS Gyro <17-1/2"> (100'-380')
200.00	0.290	305.680	200.00	-1.00	0.81	-0.72	1682407.75	14343442.14	39°29'54.2860"N	80°51'4.1272"W	1.08	318.188	0.28	-0.26	-16.26	
300.00	0.190	277.610	300.00	-1.28	0.98	-1.09	1682407.38	14343442.31	39°29'54.2877"N	80°51'4.1319"W	1.46	311.812	0.15	-0.10	-28.07	
380.00	0.380	232.320	379.99	-1.25	0.83	-1.43	1682407.04	14343442.16	39°29'54.2862"N	80°51'4.1363"W	1.66	300.136	0.35	0.24	-56.61	
508.00	1.330	301.240	507.98	-2.26	1.34	-3.04	1682405.43	14343442.67	39°29'54.2913"N	80°51'4.1568"W	3.32	293.839	0.97	0.74	53.84	APS EM <12-1/4"> (380')(508'-2555')
595.00	2.970	304.260	594.92	-4.84	3.14	-5.77	1682402.71	14343444.46	39°29'54.3091"N	80°51'4.1915"W	6.56	298.539	1.89	1.89	3.47	
686.00	4.050	311.740	685.74	-9.53	6.60	-10.11	1682398.36	14343447.93	39°29'54.3434"N	80°51'4.2469"W	12.08	303.141	1.29	1.19	8.22	
777.00	5.270	315.780	776.44	-16.11	11.74	-15.42	1682393.05	14343453.06	39°29'54.3942"N	80°51'4.3145"W	19.38	307.268	1.39	1.34	4.44	
868.00	6.880	317.560	866.93	-24.89	18.75	-22.02	1682386.46	14343460.08	39°29'54.4637"N	80°51'4.3985"W	28.92	310.424	1.78	1.77	1.96	
958.00	8.980	321.770	956.06	-36.47	28.25	-30.00	1682378.48	14343469.57	39°29'54.5577"N	80°51'4.5002"W	41.21	313.278	2.42	2.33	4.68	
1048.00	10.590	320.850	1044.75	-50.86	40.18	-39.57	1682368.91	14343481.50	39°29'54.6758"N	80°51'4.6220"W	56.40	315.440	1.80	1.79	-1.02	
1142.00	10.760	320.340	1137.12	-67.18	53.64	-50.63	1682357.86	14343494.95	39°29'54.8089"N	80°51'4.7627"W	73.76	316.655	0.21	0.18	-0.54	
1237.00	12.080	318.040	1230.24	-84.62	67.86	-62.93	1682345.56	14343509.16	39°29'54.9497"N	80°51'4.9194"W	92.55	317.156	1.47	1.39	-2.42	
1332.00	12.520	315.120	1323.06	-103.03	82.55	-76.84	1682331.66	14343523.84	39°29'55.0951"N	80°51'5.0966"W	112.78	317.048	0.80	0.46	-3.07	
1427.00	11.990	313.520	1415.90	-121.05	96.64	-91.27	1682317.24	14343537.93	39°29'55.2346"N	80°51'5.2802"W	132.92	316.637	0.66	-0.56	-1.68	
1522.00	11.820	312.600	1508.85	-138.35	110.02	-105.58	1682302.93	14343551.30	39°29'55.3671"N	80°51'5.4626"W	152.49	316.178	0.27	-0.18	-0.97	
1617.00	11.430	313.170	1601.91	-155.23	123.04	-119.61	1682288.91	14343564.32	39°29'55.4960"N	80°51'5.6413"W	171.60	315.811	0.43	-0.41	0.60	
1712.00	11.100	313.070	1695.08	-171.63	135.73	-133.16	1682275.37	14343577.00	39°29'55.6216"N	80°51'5.8138"W	190.14	315.548	0.35	-0.35	-0.11	
1807.00	10.700	311.030	1788.36	-187.34	147.76	-146.49	1682262.04	14343589.03	39°29'55.7408"N	80°51'5.9836"W	208.07	315.248	0.58	-0.42	-2.15	
1901.00	10.810	314.140	1880.71	-202.76	159.63	-159.40	1682249.13	14343600.90	39°29'55.8583"N	80°51'6.1480"W	225.59	315.042	0.63	0.12	3.31	
1996.00	10.800	312.310	1974.03	-218.51	171.83	-172.37	1682236.16	14343613.09	39°29'55.9790"N	80°51'6.3133"W	243.39	314.909	0.36	-0.01	-1.93	
2091.00	10.800	309.360	2067.34	-233.89	183.46	-185.84	1682222.71	14343624.72	39°29'56.0942"N	80°51'6.4848"W	261.14	314.631	0.58	0.00	-3.11	
2186.00	11.820	313.160	2160.50	-250.06	195.76	-199.82	1682208.73	14343637.01	39°29'56.2160"N	80°51'6.6629"W	279.73	314.413	1.33	1.07	4.00	
2280.00	12.190	311.310	2252.44	-267.19	208.90	-214.30	1682194.26	14343650.15	39°29'56.3461"N	80°51'6.8473"W	299.27	314.270	0.57	0.39	-1.97	
2375.00	11.720	310.360	2345.38	-284.20	221.77	-229.18	1682179.38	14343663.01	39°29'56.4735"N	80°51'7.0369"W	318.91	314.058	0.54	-0.49	-1.00	
2470.00	11.530	306.500	2438.44	-300.32	233.67	-244.17	1682164.40	14343674.90	39°29'56.5914"N	80°51'7.2278"W	337.96	313.741	0.84	-0.20	-4.06	
2555.00	11.430	304.430	2521.74	-314.08	243.48	-257.94	1682150.63	14343684.71	39°29'56.6886"N	80°51'7.4033"W	354.71	313.348	0.50	-0.12	-2.44	
2614.00	11.430	304.520	2579.57	-323.47	250.10	-267.58	1682141.00	14343691.33	39°29'56.7542"N	80°51'7.5262"W	366.26	313.066	0.03	0.00	0.15	APS EM <8-3/4"> (2555')(2614'-5646')



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'
Page 3 of 13



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Wade Unit 2H
Field	Tyler	API	47-095-02728-0000
Facility	Blizzard Pad	Wellbore	Wade Unit 2H AWB
Slot	Slot #02		

WELLPATH DATA (282 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]		
2708.00	12.430	308.530	2671.54	-339.49	261.68	-283.17	1682125.41	14343702.90	39°29'56.8689"N	80°51'7.7248"W	385.57	312.741	1.38	1.06	4.27		
2803.00	12.830	304.470	2764.24	-356.58	274.02	-299.86	1682108.73	14343715.24	39°29'56.9911"N	80°51'7.9375"W	406.21	312.421	1.02	0.42	-4.27		
2898.00	11.460	306.190	2857.11	-372.80	285.56	-316.18	1682092.42	14343726.78	39°29'57.1054"N	80°51'8.1453"W	426.04	312.087	1.49	-1.44	1.81		
2997.00	9.560	320.620	2954.46	-388.58	297.73	-329.33	1682079.27	14343738.94	39°29'57.2259"N	80°51'8.3129"W	443.96	312.114	3.26	-1.92	14.58		
3091.00	11.360	332.980	3046.91	-405.06	312.01	-338.49	1682070.11	14343753.21	39°29'57.3672"N	80°51'8.4295"W	460.36	312.669	3.05	1.91	13.15		
3185.00	13.670	334.900	3138.67	-425.27	330.32	-347.41	1682061.20	14343771.52	39°29'57.5483"N	80°51'8.5429"W	479.38	313.555	2.50	2.46	2.04		
3280.00	13.880	328.800	3230.94	-447.57	350.23	-358.08	1682050.54	14343791.42	39°29'57.7453"N	80°51'8.6785"W	500.88	314.365	1.54	0.22	-6.42		
3375.00	12.470	326.130	3323.44	-468.62	368.50	-369.70	1682038.92	14343809.68	39°29'57.9260"N	80°51'8.8264"W	521.98	314.907	1.62	-1.48	-2.81		
3469.00	12.560	327.750	3415.21	-488.37	385.57	-380.81	1682027.81	14343826.74	39°29'58.0949"N	80°51'8.9677"W	541.92	315.356	0.39	0.10	1.72		
3564.00	12.630	324.060	3507.92	-508.36	402.71	-392.42	1682016.21	14343843.88	39°29'58.2645"N	80°51'9.1154"W	562.29	315.742	0.85	0.07	-3.88		
3659.00	12.210	315.880	3600.71	-527.39	418.33	-405.51	1682003.13	14343859.50	39°29'58.4191"N	80°51'9.2821"W	582.61	315.892	1.90	-0.44	-8.61		
3753.00	11.940	317.450	3692.63	-545.30	432.63	-419.00	1681989.64	14343873.79	39°29'58.5607"N	80°51'9.4540"W	602.27	315.917	0.45	-0.29	1.67		
3848.00	11.980	319.480	3785.56	-563.47	447.37	-432.05	1681976.59	14343888.52	39°29'58.7065"N	80°51'9.6202"W	621.94	315.998	0.44	0.04	2.14		
3942.00	11.650	314.410	3877.58	-581.03	461.42	-445.17	1681963.48	14343902.57	39°29'58.8456"N	80°51'9.7872"W	641.16	316.027	1.16	-0.35	-5.39		
4037.00	10.720	314.230	3970.77	-597.49	474.30	-458.36	1681950.30	14343915.44	39°29'58.9731"N	80°51'9.9551"W	659.58	315.979	0.98	-0.98	-0.19		
4132.00	10.040	318.670	4064.22	-613.03	486.68	-470.16	1681938.50	14343927.82	39°29'59.0957"N	80°51'10.1054"W	676.69	315.990	1.10	-0.72	4.67		
4226.00	9.990	325.540	4156.79	-628.47	499.56	-480.18	1681928.48	14343940.69	39°29'59.2231"N	80°51'10.2330"W	692.92	316.133	1.27	-0.05	7.31		
4321.00	10.420	330.230	4250.29	-644.85	513.81	-489.11	1681919.56	14343954.93	39°29'59.3641"N	80°51'10.3466"W	709.39	316.411	0.98	0.45	4.94		
4416.00	11.050	329.010	4343.62	-662.19	529.07	-498.06	1681910.61	14343970.19	39°29'59.5151"N	80°51'10.4605"W	726.62	316.729	0.70	0.66	-1.28		
4511.00	11.500	325.090	4436.79	-680.20	544.64	-508.17	1681900.50	14343985.75	39°29'59.6691"N	80°51'10.5891"W	744.90	316.984	0.94	0.47	-4.13		
4604.00	12.030	321.240	4527.84	-698.23	559.80	-519.54	1681889.14	14344000.91	39°29'59.8191"N	80°51'10.7339"W	763.74	317.136	1.02	0.57	-4.14		
4699.00	12.450	319.350	4620.68	-717.06	575.29	-532.41	1681876.27	14344016.39	39°29'59.9724"N	80°51'10.8977"W	783.85	317.217	0.61	0.44	-1.99		
4798.00	13.300	316.860	4717.19	-737.37	591.70	-547.15	1681861.54	14344032.79	39°30'0.1348"N	80°51'11.0854"W	805.90	317.240	1.03	0.86	-2.52		
4892.00	13.010	315.380	4808.72	-756.77	607.12	-561.98	1681846.72	14344048.21	39°30'0.2875"N	80°51'11.2742"W	827.29	317.211	0.47	-0.31	-1.57		
4985.00	12.660	311.080	4899.40	-775.04	621.27	-577.01	1681831.69	14344062.35	39°30'0.4275"N	80°51'11.4657"W	847.89	317.115	1.09	-0.38	-4.62		
5080.00	11.400	311.520	4992.31	-792.23	634.33	-591.89	1681816.82	14344075.41	39°30'0.5569"N	80°51'11.6552"W	867.59	316.982	1.33	-1.33	0.46		
5174.00	11.590	314.150	5084.43	-808.73	647.07	-605.62	1681803.09	14344088.14	39°30'0.6830"N	80°51'11.8301"W	886.27	316.895	0.59	0.20	2.80		
5269.00	11.710	312.100	5177.47	-825.68	660.18	-619.62	1681789.10	14344101.24	39°30'0.8128"N	80°51'12.0085"W	905.41	316.815	0.45	0.13	-2.16		
5363.00	11.390	312.260	5269.57	-842.16	672.82	-633.57	1681775.16	14344113.88	39°30'0.9379"N	80°51'12.1861"W	924.17	316.721	0.34	-0.34	0.17		
5458.00	11.790	314.480	5362.63	-859.07	685.92	-647.43	1681761.29	14344126.98	39°30'1.0677"N	80°51'12.3628"W	943.22	316.653	0.63	0.42	2.34		



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'
Page 4 of 13



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Wade Unit 2H
Field	Tyler	API	47-095-02728-0000
Facility	Blizzard Pad	Wellbore	Wade Unit 2H AWB
Slot	Slot #02		

WELLPATH DATA (282 stations) † = interpolated, ‡ = extrapolated station																	
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments	
[ft]	[°]	[°]	[ft]	[ft]	[ft]	[ft]	[US ft]	[US ft]			[ft]	[°]	["/100ft]	["/100ft]	["/100ft]		
5552.00	11.540	308.380	5454.69	-875.57	698.49	-661.66	1681747.08	14344139.54	39°30'1.1921"N	80°51'12.5439"W	962.12	316.551	1.34	-0.27	-6.49		
5646.00	10.060	299.650	5547.03	-889.65	708.39	-676.17	1681732.58	14344149.44	39°30'1.2902"N	80°51'12.7288"W	979.29	316.333	2.34	-1.57	-9.29		
5701.00	9.540	297.650	5601.23	-896.57	712.88	-684.38	1681724.37	14344153.93	39°30'1.3347"N	80°51'12.8335"W	988.22	316.169	1.13	-0.95	-3.64	BH AT Curve <8-1/2"> (5646')(5701'-25823')	
5796.00	7.100	298.140	5695.22	-906.59	719.31	-696.53	1681712.22	14344160.35	39°30'1.3984"N	80°51'12.9884"W	1001.28	315.922	2.57	-2.57	0.52		
5890.00	5.010	224.860	5788.81	-909.04	719.14	-704.56	1681704.19	14344160.18	39°30'1.3969"N	80°51'13.0908"W	1006.76	315.587	7.88	-2.22	-77.96		
5985.00	9.940	198.560	5883.00	-900.70	708.41	-710.10	1681698.65	14344149.46	39°30'1.2910"N	80°51'13.1617"W	1003.04	314.932	6.19	5.19	-27.68		
6079.00	15.340	175.000	5974.75	-882.17	688.31	-711.60	1681697.15	14344129.36	39°30'1.0923"N	80°51'13.1812"W	990.02	314.047	7.83	5.74	-25.06		
6174.00	21.390	178.370	6064.87	-853.41	658.45	-710.01	1681698.74	14344099.51	39°30'0.7971"N	80°51'13.1616"W	968.33	312.842	6.46	6.37	3.55		
6268.00	27.660	168.210	6150.38	-815.34	619.90	-705.06	1681703.69	14344060.98	39°30'0.4161"N	80°51'13.0992"W	938.82	311.322	8.02	6.67	-10.81		
6327.00†	32.229	162.749	6201.50	-786.01	591.45	-697.59	1681711.16	14344032.54	39°30'0.1348"N	80°51'13.0045"W	914.57	310.293	9.01	7.74	-9.26	Sycamore: 6327' MD	
6363.00	35.110	160.060	6231.46	-766.06	572.54	-691.21	1681717.54	14344013.64	39°29'59.9478"N	80°51'12.9235"W	897.54	309.636	9.01	8.00	-7.47		
6457.00	43.400	160.350	6304.19	-706.64	516.62	-671.10	1681737.64	14343957.74	39°29'59.3948"N	80°51'12.6681"W	846.92	307.590	8.82	8.82	0.31		
6470.00†	44.801	160.548	6313.54	-697.61	508.11	-668.07	1681740.66	14343949.24	39°29'59.3106"N	80°51'12.6297"W	839.34	307.255	9.30	9.24	1.52	Middlesex: 6470' MD	
6552.00	52.180	161.630	6367.95	-636.34	450.14	-648.25	1681760.48	14343891.29	39°29'58.7374"N	80°51'12.3781"W	789.21	304.776	9.30	9.24	1.32		
6621.00†	59.351	162.204	6406.75	-579.34	395.95	-630.57	1681778.15	14343837.12	39°29'58.2015"N	80°51'12.1536"W	744.57	302.126	10.42	10.39	0.83	Burkett: 6621' MD	
6646.00	61.950	162.390	6419.00	-557.56	375.19	-623.94	1681784.78	14343816.37	39°29'57.9962"N	80°51'12.0695"W	728.06	301.019	10.42	10.40	0.75		
6672.00†	64.106	162.234	6430.79	-534.39	353.11	-616.90	1681791.82	14343794.30	39°29'57.7779"N	80°51'11.9802"W	710.81	299.787	8.31	8.29	-0.60	Tully: 6672' MD	
6697.00	66.180	162.090	6441.30	-511.71	331.52	-609.95	1681798.76	14343772.72	39°29'57.5644"N	80°51'11.8920"W	694.23	298.525	8.31	8.29	-0.58		
6741.00	69.110	162.210	6458.03	-471.03	292.79	-597.48	1681811.23	14343734.00	39°29'57.1814"N	80°51'11.7337"W	665.37	296.107	6.66	6.66	0.27		
6828.00†	76.473	163.101	6483.75	-388.02	213.52	-572.74	1681835.96	14343654.76	39°29'56.3975"N	80°51'11.4197"W	611.24	290.445	8.52	8.46	1.02	Marcellus POE: 6828' MD	
6836.00	77.150	163.180	6485.58	-380.23	206.06	-570.48	1681838.22	14343647.31	39°29'56.3238"N	80°51'11.3910"W	606.55	289.860	8.52	8.47	0.98		
6930.00	83.680	163.060	6501.22	-287.66	117.42	-543.58	1681865.11	14343558.70	39°29'55.4473"N	80°51'11.0497"W	556.11	282.189	6.95	6.95	-0.13		
7024.00	88.770	162.740	6507.41	-193.94	27.80	-516.01	1681892.67	14343469.12	39°29'54.5611"N	80°51'10.6999"W	516.75	273.083	5.43	5.41	-0.34		
7118.00	89.660	162.030	6508.70	-99.98	-61.79	-487.56	1681921.10	14343379.57	39°29'53.6752"N	80°51'10.3389"W	491.46	262.778	1.21	0.95	-0.76		
7212.00	89.510	161.690	6509.38	-5.99	-151.11	-458.30	1681950.36	14343290.28	39°29'52.7919"N	80°51'9.9674"W	482.57	251.751	0.40	-0.16	-0.36		
7313.00	89.540	161.390	6510.21	95.00	-246.91	-426.32	1681982.32	14343194.52	39°29'51.8446"N	80°51'9.5615"W	492.66	239.922	0.30	0.03	-0.30		
7408.00	89.380	159.730	6511.11	189.99	-336.49	-394.70	1682013.93	14343104.98	39°29'50.9588"N	80°51'9.1601"W	518.67	229.552	1.76	-0.17	-1.75		
7502.00	89.200	160.490	6512.27	283.97	-424.87	-362.72	1682045.89	14343016.63	39°29'50.0847"N	80°51'8.7540"W	558.65	220.488	0.83	-0.19	0.81		
7597.00	89.080	160.220	6513.70	378.95	-514.33	-330.79	1682077.81	14342927.20	39°29'49.2000"N	80°51'8.3485"W	611.52	212.747	0.31	-0.13	-0.28		
7691.00	89.540	160.800	6514.83	472.94	-602.94	-299.43	1682109.16	14342838.63	39°29'48.3238"N	80°51'7.9503"W	673.20	206.410	0.79	0.49	0.62		



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'

Page 5 of 13



REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Wade Unit 2H
Field	Tyler		API	47-095-02728-0000
Facility	Blizzard Pad		Wellbore	Wade Unit 2H AWB
Slot	Slot #02			

WELLPATH DATA (282 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
7785.00	88.680	159.290	6516.29	566.91	-691.28	-267.36	1682141.22	14342750.32	39°29'47.4501"N	80°51'7.5430"W	741.18	201.144	1.85	-0.91	-1.61	
7880.00	89.260	160.450	6518.00	661.87	-780.46	-234.67	1682173.90	14342661.18	39°29'46.5682"N	80°51'7.1279"W	814.98	196.735	1.36	0.61	1.22	
7974.00	89.420	159.190	6519.08	755.85	-868.69	-202.24	1682206.31	14342572.99	39°29'45.6958"N	80°51'6.7161"W	891.92	193.106	1.35	0.17	-1.34	
8069.00	89.780	160.150	6519.75	850.81	-957.76	-169.24	1682239.30	14342483.95	39°29'44.8148"N	80°51'6.2970"W	972.60	190.021	1.08	0.38	1.01	
8163.00	89.750	160.390	6520.13	944.81	-1046.25	-137.51	1682271.02	14342395.50	39°29'43.9398"N	80°51'5.8941"W	1055.24	187.487	0.26	-0.03	0.26	
8258.00	89.450	159.280	6520.80	1039.78	-1135.42	-104.76	1682303.75	14342306.37	39°29'43.0580"N	80°51'5.4782"W	1140.24	185.271	1.21	-0.32	-1.17	
8352.00	89.570	159.630	6521.60	1133.74	-1223.44	-71.77	1682336.73	14342218.38	39°29'42.1875"N	80°51'5.0593"W	1225.54	183.357	0.39	0.13	0.37	
8447.00	89.260	159.120	6522.57	1228.70	-1312.34	-38.31	1682370.18	14342129.51	39°29'41.3083"N	80°51'4.6343"W	1312.90	181.672	0.63	-0.33	-0.54	
8541.00	90.150	160.180	6523.05	1322.66	-1400.47	-5.62	1682402.85	14342041.42	39°29'40.4367"N	80°51'4.2192"W	1400.48	180.230	1.47	0.95	1.13	
8636.00	90.770	161.320	6522.29	1417.66	-1490.16	25.70	1682434.16	14341951.77	39°29'39.5498"N	80°51'3.8216"W	1490.38	179.012	1.37	0.65	1.20	
8731.00	89.910	160.240	6521.73	1512.65	-1579.86	56.97	1682465.42	14341862.11	39°29'38.6628"N	80°51'3.4246"W	1580.88	177.935	1.45	-0.91	-1.14	
8825.00	89.940	160.890	6521.85	1606.65	-1668.50	88.25	1682496.68	14341773.50	39°29'37.7862"N	80°51'3.0275"W	1670.83	176.972	0.69	0.03	0.69	
8919.00	90.400	160.990	6521.57	1700.65	-1757.35	118.94	1682527.37	14341684.69	39°29'36.9076"N	80°51'2.6379"W	1761.37	176.128	0.50	0.49	0.11	
9013.00	89.880	160.360	6521.34	1794.65	-1846.05	150.05	1682558.46	14341596.02	39°29'36.0304"N	80°51'2.2430"W	1852.14	175.353	0.87	-0.55	-0.67	
9107.00	89.850	160.310	6521.56	1888.64	-1934.57	181.68	1682590.08	14341507.54	39°29'35.1550"N	80°51'1.8414"W	1943.08	174.635	0.06	-0.03	-0.05	
9202.00	89.910	160.350	6521.76	1983.63	-2024.02	213.66	1682622.04	14341418.12	39°29'34.2704"N	80°51'1.4354"W	2035.27	173.974	0.08	0.06	0.04	
9296.00	89.970	161.080	6521.86	2077.63	-2112.75	244.71	1682653.08	14341329.43	39°29'33.3929"N	80°51'1.0413"W	2126.87	173.393	0.78	0.06	0.78	
9391.00	89.780	160.260	6522.07	2172.63	-2202.39	276.15	1682684.51	14341239.82	39°29'32.5065"N	80°51'0.6421"W	2219.64	172.853	0.89	-0.20	-0.86	
9485.00	89.630	159.910	6522.55	2266.61	-2290.77	308.17	1682716.52	14341151.48	39°29'31.6325"N	80°51'0.2355"W	2311.40	172.338	0.41	-0.16	-0.37	
9580.00	90.000	160.610	6522.86	2361.60	-2380.18	340.26	1682748.59	14341062.10	39°29'30.7482"N	80°50'59.8282"W	2404.38	171.864	0.83	0.39	0.74	
9674.00	89.570	160.450	6523.21	2455.60	-2468.81	371.59	1682779.91	14340973.51	39°29'29.8718"N	80°50'59.4304"W	2496.62	171.441	0.49	-0.46	-0.17	
9768.00	89.690	160.420	6523.82	2549.59	-2557.38	403.06	1682811.37	14340884.97	39°29'28.9959"N	80°50'59.0308"W	2588.95	171.043	0.13	0.13	-0.03	
9863.00	89.780	160.880	6524.26	2644.59	-2647.01	434.54	1682842.84	14340795.38	39°29'28.1095"N	80°50'58.6312"W	2682.44	170.677	0.49	0.09	0.48	
9957.00	89.750	160.980	6524.64	2738.58	-2735.85	465.25	1682873.54	14340706.57	39°29'27.2309"N	80°50'58.2414"W	2775.13	170.349	0.11	-0.03	0.11	
10051.00	89.480	160.910	6525.27	2832.58	-2824.70	495.94	1682904.21	14340617.76	39°29'26.3523"N	80°50'57.8518"W	2867.91	170.042	0.30	-0.29	-0.07	
10146.00	89.910	160.980	6525.78	2927.58	-2914.49	526.96	1682935.21	14340528.00	39°29'25.4644"N	80°50'57.4582"W	2961.75	169.751	0.46	0.45	0.07	
10240.00	90.280	160.360	6525.62	3021.58	-3003.19	558.07	1682966.32	14340439.34	39°29'24.5872"N	80°50'57.0632"W	3054.60	169.473	0.77	0.39	-0.66	
10335.00	89.230	160.180	6526.03	3116.57	-3092.61	590.14	1682998.37	14340349.95	39°29'23.7029"N	80°50'56.6560"W	3148.42	169.197	1.12	-1.11	-0.19	
10430.00	89.450	160.530	6527.12	3211.55	-3182.08	622.08	1683030.30	14340260.53	39°29'22.8181"N	80°50'56.2506"W	3242.31	168.939	0.44	0.23	0.37	
10524.00	89.320	160.730	6528.13	3305.55	-3270.75	653.25	1683061.46	14340171.89	39°29'21.9412"N	80°50'55.8549"W	3335.35	168.705	0.25	-0.14	0.21	



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'
Page 6 of 13



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Wade Unit 2H
Field	Tyler	API	47-095-02728-0000
Facility	Blizzard Pad	Wellbore	Wade Unit 2H AWP
Slot	Slot #02		

WELLPATH DATA (282 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
10619.00	89.350	160.850	6529.24	3400.54	-3360.46	684.51	1683092.70	14340082.22	39°29'21.0541"N	80°50'55.4581"W	3429.46	168.487	0.13	0.03	0.13	
10713.00	89.350	160.760	6530.30	3494.53	-3449.22	715.41	1683123.59	14339993.49	39°29'20.1763"N	80°50'55.0659"W	3522.64	168.282	0.10	0.00	-0.10	
10807.00	88.950	160.710	6531.70	3588.52	-3537.95	746.42	1683154.59	14339904.79	39°29'19.2989"N	80°50'54.6722"W	3615.83	168.087	0.43	-0.43	-0.05	
10902.00	88.950	161.580	6533.44	3683.50	-3627.84	777.12	1683185.28	14339814.94	39°29'18.4100"N	80°50'54.2827"W	3710.14	167.909	0.92	0.00	0.92	
10997.00	89.290	161.970	6534.90	3778.48	-3718.06	806.82	1683214.97	14339724.76	39°29'17.5178"N	80°50'53.9057"W	3804.59	167.757	0.54	0.36	0.41	
11091.00	89.050	161.740	6536.26	3872.46	-3807.38	836.10	1683244.23	14339635.48	39°29'16.6345"N	80°50'53.5343"W	3898.10	167.615	0.35	-0.26	-0.24	
11186.00	89.350	161.360	6537.59	3967.45	-3897.48	866.16	1683274.28	14339545.40	39°29'15.7435"N	80°50'53.1528"W	3992.57	167.470	0.51	0.32	-0.40	
11281.00	89.720	162.030	6538.36	4062.44	-3987.67	895.99	1683304.11	14339455.25	39°29'14.8516"N	80°50'52.7742"W	4087.09	167.336	0.81	0.39	0.71	
11375.00	89.570	162.070	6538.94	4156.42	-4077.10	924.96	1683333.06	14339365.86	39°29'13.9673"N	80°50'52.4066"W	4180.70	167.218	0.17	-0.16	0.04	
11470.00	89.540	161.940	6539.68	4251.41	-4167.45	954.31	1683362.40	14339275.55	39°29'13.0739"N	80°50'52.0343"W	4275.32	167.102	0.14	-0.03	-0.14	
11564.00	89.480	160.950	6540.48	4345.40	-4256.56	984.22	1683392.30	14339186.48	39°29'12.1927"N	80°50'51.6547"W	4368.86	166.981	1.06	-0.06	-1.05	
11658.00	89.540	161.510	6541.28	4439.40	-4345.55	1014.47	1683422.53	14339097.51	39°29'11.3126"N	80°50'51.2708"W	4462.40	166.860	0.60	0.06	0.60	
11753.00	89.660	161.490	6541.95	4534.39	-4435.64	1044.61	1683452.66	14339007.46	39°29'10.4217"N	80°50'50.8883"W	4556.99	166.748	0.13	0.13	-0.02	
11847.00	89.350	160.980	6542.76	4628.39	-4524.64	1074.85	1683482.89	14338918.50	39°29'9.5416"N	80°50'50.5046"W	4650.56	166.637	0.63	-0.33	-0.54	
11941.00	89.660	161.070	6543.57	4722.38	-4613.53	1105.41	1683513.44	14338829.65	39°29'8.6625"N	80°50'50.1167"W	4744.11	166.526	0.34	0.33	0.10	
12035.00	89.880	162.000	6543.95	4816.38	-4702.69	1135.18	1683543.20	14338740.52	39°29'7.7808"N	80°50'49.7389"W	4837.76	166.429	1.02	0.23	0.99	
12129.00	89.480	161.090	6544.47	4910.37	-4791.85	1164.94	1683572.94	14338651.39	39°29'6.8991"N	80°50'49.3614"W	4931.42	166.336	1.06	-0.43	-0.97	
12224.00	89.820	161.140	6545.05	5005.37	-4881.74	1195.69	1683603.68	14338561.55	39°29'6.0102"N	80°50'48.9711"W	5026.03	166.237	0.36	0.36	0.05	
12319.00	89.420	161.090	6545.68	5100.37	-4971.62	1226.43	1683634.41	14338471.70	39°29'5.1213"N	80°50'48.5809"W	5120.66	166.143	0.42	-0.42	-0.05	
12413.00	89.630	161.580	6546.46	5194.36	-5060.67	1256.52	1683664.48	14338382.68	39°29'4.2407"N	80°50'48.1992"W	5214.33	166.056	0.57	0.22	0.52	
12603.00	89.290	161.160	6548.25	5384.35	-5240.71	1317.21	1683725.15	14338202.72	39°29'2.4603"N	80°50'47.4290"W	5403.71	165.891	0.28	-0.18	-0.22	
12697.00	89.540	161.390	6549.21	5478.34	-5329.73	1347.38	1683755.31	14338113.73	39°29'1.5800"N	80°50'47.0461"W	5497.40	165.813	0.36	0.27	0.24	
12792.00	89.660	161.230	6549.88	5573.34	-5419.72	1377.83	1683785.74	14338023.78	39°29'0.6901"N	80°50'46.6598"W	5592.11	165.736	0.21	0.13	-0.17	
12885.00	89.630	160.940	6550.45	5666.34	-5507.69	1407.97	1683815.88	14337935.84	39°28'59.8201"N	80°50'46.2773"W	5684.81	165.660	0.31	-0.03	-0.31	
12980.00	89.600	161.470	6551.09	5761.34	-5597.63	1438.58	1683846.47	14337845.94	39°28'58.9307"N	80°50'45.8889"W	5779.53	165.587	0.56	-0.03	0.56	
13074.00	89.420	161.040	6551.90	5855.33	-5686.64	1468.79	1683876.67	14337756.97	39°28'58.0505"N	80°50'45.5056"W	5873.26	165.518	0.50	-0.19	-0.46	
13169.00	89.450	161.030	6552.83	5950.33	-5776.47	1499.66	1683907.53	14337667.17	39°28'57.1621"N	80°50'45.1138"W	5967.97	165.446	0.03	0.03	-0.01	
13264.00	89.630	161.780	6553.60	6045.32	-5866.51	1529.95	1683937.81	14337577.16	39°28'56.2717"N	80°50'44.7294"W	6062.73	165.383	0.81	0.19	0.79	
13358.00	89.540	161.060	6554.28	6139.32	-5955.61	1559.90	1683967.75	14337488.10	39°28'55.3906"N	80°50'44.3494"W	6156.51	165.323	0.77	-0.10	-0.77	
13453.00	89.450	161.390	6555.11	6234.31	-6045.55	1590.47	1683998.31	14337398.20	39°28'54.5012"N	80°50'43.9614"W	6251.26	165.261	0.36	-0.09	0.35	



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'

Page 7 of 13



REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Wade Unit 2H
Field	Tyler		API	47-095-02728-0000
Facility	Blizzard Pad		Wellbore	Wade Unit 2H AWB
Slot	Slot #02			

WELLPATH DATA (282 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
13548.00	89.450	160.550	6556.03	6329.31	-6135.35	1621.45	1684029.27	14337308.43	39°28'53.6131"N	80°50'43.5684"W	6346.00	165.196	0.88	0.00	-0.88	
13643.00	89.880	161.350	6556.58	6424.30	-6225.15	1652.46	1684060.26	14337218.67	39°28'52.7251"N	80°50'43.1749"W	6440.74	165.134	0.96	0.45	0.84	
13738.00	89.600	161.400	6557.01	6519.30	-6315.17	1682.80	1684090.59	14337128.68	39°28'51.8348"N	80°50'42.7899"W	6535.53	165.079	0.30	-0.29	0.05	
13832.00	89.480	161.040	6557.77	6613.30	-6404.17	1713.06	1684120.84	14337039.73	39°28'50.9548"N	80°50'42.4060"W	6629.32	165.024	0.40	-0.13	-0.38	
13925.00	89.880	161.580	6558.29	6706.29	-6492.26	1742.86	1684150.63	14336951.67	39°28'50.0836"N	80°50'42.0278"W	6722.13	164.973	0.72	0.43	0.58	
14020.00	89.450	160.820	6558.84	6801.29	-6582.19	1773.47	1684181.23	14336861.77	39°28'49.1943"N	80°50'41.6394"W	6816.92	164.921	0.92	-0.45	-0.80	
14115.00	89.420	161.520	6559.78	6896.29	-6672.10	1804.13	1684211.88	14336771.90	39°28'48.3051"N	80°50'41.2503"W	6911.71	164.869	0.74	-0.03	0.74	
14209.00	89.750	161.440	6560.46	6990.28	-6761.23	1833.99	1684241.73	14336682.81	39°28'47.4237"N	80°50'40.8715"W	7005.55	164.824	0.36	0.35	-0.09	
14303.00	89.320	161.100	6561.22	7084.28	-6850.25	1864.17	1684271.90	14336593.82	39°28'46.5434"N	80°50'40.4886"W	7099.37	164.777	0.58	-0.46	-0.36	
14398.00	90.000	161.870	6561.79	7179.27	-6940.33	1894.34	1684302.05	14336503.78	39°28'45.6526"N	80°50'40.1058"W	7194.21	164.733	1.08	0.72	0.81	
14492.00	89.880	161.740	6561.88	7273.26	-7029.63	1923.69	1684331.39	14336414.51	39°28'44.7695"N	80°50'39.7335"W	7288.09	164.695	0.19	-0.13	-0.14	
14587.00	89.630	161.540	6562.29	7368.26	-7119.79	1953.61	1684361.30	14336324.39	39°28'43.8779"N	80°50'39.3539"W	7382.95	164.656	0.34	-0.26	-0.21	
14682.00	89.750	162.140	6562.80	7463.24	-7210.06	1983.22	1684390.90	14336234.16	39°28'42.9852"N	80°50'38.9783"W	7477.84	164.620	0.64	0.13	0.63	
14777.00	89.630	161.740	6563.32	7558.23	-7300.37	2012.67	1684420.34	14336143.88	39°28'42.0921"N	80°50'38.6047"W	7572.74	164.587	0.44	-0.13	-0.42	
14871.00	89.720	161.620	6563.85	7652.22	-7389.61	2042.22	1684449.87	14336054.68	39°28'41.2096"N	80°50'38.2299"W	7666.61	164.551	0.16	0.10	-0.13	
14966.00	89.720	161.700	6564.32	7747.22	-7479.78	2072.11	1684479.75	14335964.54	39°28'40.3179"N	80°50'37.8506"W	7761.49	164.516	0.08	0.00	0.08	
15061.00	89.450	161.080	6565.00	7842.21	-7569.81	2102.43	1684510.06	14335874.55	39°28'39.4276"N	80°50'37.4660"W	7856.35	164.478	0.71	-0.28	-0.65	
15155.00	89.350	161.030	6565.99	7936.21	-7658.72	2132.94	1684540.56	14335785.68	39°28'38.5484"N	80°50'37.0788"W	7950.18	164.438	0.12	-0.11	-0.05	
15249.00	89.570	161.400	6566.87	8030.20	-7747.70	2163.21	1684570.82	14335696.72	39°28'37.6684"N	80°50'36.6948"W	8044.03	164.400	0.46	0.23	0.39	
15343.00	89.450	160.520	6567.68	8124.20	-7836.56	2193.88	1684601.47	14335607.91	39°28'36.7897"N	80°50'36.3057"W	8137.86	164.360	0.94	-0.13	-0.94	
15438.00	89.420	160.870	6568.61	8219.19	-7926.21	2225.28	1684632.86	14335518.29	39°28'35.9030"N	80°50'35.9072"W	8232.66	164.318	0.37	-0.03	0.37	
15533.00	89.510	161.420	6569.50	8314.19	-8016.11	2255.98	1684663.55	14335428.43	39°28'35.0140"N	80°50'35.5177"W	8327.51	164.282	0.59	0.09	0.58	
15627.00	89.420	161.210	6570.38	8408.18	-8105.15	2286.09	1684693.65	14335339.42	39°28'34.1335"N	80°50'35.1357"W	8421.38	164.249	0.24	-0.10	-0.22	
15722.00	89.570	161.090	6571.22	8503.18	-8195.05	2316.79	1684724.33	14335249.56	39°28'33.2444"N	80°50'34.7463"W	8516.24	164.214	0.20	0.16	-0.13	
15817.00	89.380	160.850	6572.09	8598.17	-8284.86	2347.76	1684755.29	14335159.79	39°28'32.3563"N	80°50'34.3533"W	8611.09	164.178	0.32	-0.20	-0.25	
15911.00	89.420	160.790	6573.07	8692.17	-8373.63	2378.64	1684786.16	14335071.05	39°28'31.4784"N	80°50'33.9614"W	8704.92	164.142	0.08	0.04	-0.06	
16006.00	89.380	160.970	6574.07	8787.16	-8463.39	2409.76	1684817.26	14334981.33	39°28'30.5907"N	80°50'33.5667"W	8799.77	164.107	0.19	-0.04	0.19	
16100.00	89.420	161.140	6575.05	8881.16	-8552.29	2440.27	1684847.77	14334892.46	39°28'29.7115"N	80°50'33.1795"W	8893.63	164.075	0.19	0.04	0.18	
16194.00	89.630	161.460	6575.83	8975.15	-8641.33	2470.41	1684877.89	14334803.46	39°28'28.8311"N	80°50'32.7972"W	8987.52	164.046	0.41	0.22	0.34	
16289.00	89.780	161.510	6576.32	9070.15	-8731.41	2500.58	1684908.05	14334713.41	39°28'27.9402"N	80°50'32.4145"W	9082.42	164.019	0.17	0.16	0.05	



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'
Page 8 of 13



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Wade Unit 2H
Field	Tyler	API	47-095-02728-0000
Facility	Blizzard Pad	Wellbore	Wade Unit 2H AWB
Slot	Slot #02		

WELLPATH DATA (282 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]		
16383.00	89.450	161.400	6576.95	9164.14	-8820.52	2530.47	1684937.93	14334624.33	39°28'27.0589"N	80°50'32.0352"W	9176.33	163.993	0.37	-0.35	-0.12		
16478.00	89.720	161.320	6577.64	9259.14	-8910.54	2560.84	1684968.28	14334534.36	39°28'26.1688"N	80°50'31.6500"W	9271.22	163.966	0.30	0.28	-0.08		
16573.00	89.420	161.390	6578.35	9354.13	-9000.55	2591.21	1684998.64	14334444.38	39°28'25.2786"N	80°50'31.2648"W	9366.12	163.939	0.32	-0.32	0.07		
16668.00	89.570	161.450	6579.19	9449.13	-9090.60	2621.48	1685028.90	14334354.37	39°28'24.3881"N	80°50'30.8808"W	9461.03	163.914	0.17	0.16	0.06		
16763.00	89.600	161.480	6579.88	9544.12	-9180.67	2651.67	1685059.08	14334264.34	39°28'23.4974"N	80°50'30.4977"W	9555.94	163.890	0.04	0.03	0.03		
16857.00	89.480	161.590	6580.63	9638.12	-9269.82	2681.45	1685088.84	14334175.21	39°28'22.6157"N	80°50'30.1201"W	9649.86	163.867	0.17	-0.13	0.12		
16952.00	89.480	161.540	6581.49	9733.11	-9359.94	2711.49	1685118.87	14334085.13	39°28'21.7245"N	80°50'29.7390"W	9744.78	163.844	0.05	0.00	-0.05		
17046.00	89.660	161.570	6582.20	9827.10	-9449.11	2741.23	1685148.60	14333996.00	39°28'20.8427"N	80°50'29.3618"W	9838.70	163.822	0.19	0.19	0.03		
17141.00	89.420	161.200	6582.96	9922.10	-9539.14	2771.55	1685178.91	14333906.01	39°28'19.9524"N	80°50'28.9771"W	9933.61	163.799	0.46	-0.25	-0.39		
17236.00	89.750	161.460	6583.65	10017.09	-9629.14	2801.96	1685209.31	14333816.04	39°28'19.0624"N	80°50'28.5914"W	10028.52	163.776	0.44	0.35	0.27		
17331.00	89.570	161.440	6584.21	10112.09	-9719.20	2832.18	1685239.52	14333726.02	39°28'18.1717"N	80°50'28.2080"W	10123.44	163.754	0.19	-0.19	-0.02		
17425.00	89.170	161.650	6585.25	10206.08	-9808.36	2861.94	1685269.26	14333636.89	39°28'17.2900"N	80°50'27.8306"W	10217.37	163.734	0.48	-0.43	0.22		
17519.00	89.350	161.330	6586.46	10300.07	-9897.49	2891.78	1685299.09	14333547.80	39°28'16.4086"N	80°50'27.4521"W	10311.29	163.713	0.39	0.19	-0.34		
17614.00	89.320	161.360	6587.56	10395.06	-9987.49	2922.16	1685329.46	14333457.83	39°28'15.5185"N	80°50'27.0667"W	10406.20	163.691	0.04	-0.03	0.03		
17709.00	89.290	161.550	6588.72	10490.05	-10077.55	2952.37	1685359.66	14333367.81	39°28'14.6279"N	80°50'26.6835"W	10501.12	163.671	0.20	-0.03	0.20		
17803.00	89.200	161.570	6589.96	10584.04	-10166.72	2982.10	1685389.38	14333278.68	39°28'13.7461"N	80°50'26.3064"W	10595.05	163.653	0.10	-0.10	0.02		
17897.00	89.720	162.080	6590.84	10678.03	-10256.03	3011.42	1685418.69	14333189.41	39°28'12.8630"N	80°50'25.9345"W	10689.00	163.636	0.77	0.55	0.54		
17990.00	89.230	161.460	6591.69	10771.01	-10344.35	3040.52	1685447.77	14333101.11	39°28'11.9895"N	80°50'25.5656"W	10781.95	163.620	0.85	-0.53	-0.67		
18085.00	89.290	161.400	6592.92	10866.00	-10434.40	3070.77	1685478.01	14333011.10	39°28'11.0990"N	80°50'25.1819"W	10876.87	163.601	0.09	0.06	-0.06		
18180.00	89.420	161.470	6593.99	10961.00	-10524.45	3101.01	1685508.24	14332921.09	39°28'10.2084"N	80°50'24.7982"W	10971.80	163.582	0.16	0.14	0.07		
18273.00	89.450	161.750	6594.91	11053.99	-10612.70	3130.35	1685537.57	14332832.88	39°28'9.3358"N	80°50'24.4261"W	11064.74	163.566	0.30	0.03	0.30		
18367.00	89.350	161.590	6595.89	11147.98	-10701.92	3159.91	1685567.12	14332743.69	39°28'8.4534"N	80°50'24.0512"W	11158.68	163.550	0.20	-0.11	-0.17		
18462.00	89.540	160.970	6596.81	11242.97	-10791.89	3190.40	1685597.59	14332653.76	39°28'7.5636"N	80°50'23.6645"W	11253.60	163.531	0.68	0.20	-0.65		
18556.00	89.910	161.800	6597.26	11336.97	-10880.97	3220.40	1685627.58	14332564.71	39°28'6.6827"N	80°50'23.2839"W	11347.53	163.513	0.97	0.39	0.88		
18650.00	89.690	161.540	6597.59	11430.96	-10970.20	3249.96	1685657.13	14332475.52	39°28'5.8003"N	80°50'22.9090"W	11441.49	163.498	0.36	-0.23	-0.28		
18745.00	90.030	161.260	6597.82	11525.96	-11060.24	3280.27	1685687.42	14332385.51	39°28'4.9099"N	80°50'22.5247"W	11536.42	163.481	0.46	0.36	-0.29		
18839.00	89.850	161.150	6597.92	11619.96	-11149.23	3310.55	1685717.70	14332296.56	39°28'4.0298"N	80°50'22.1406"W	11630.35	163.462	0.22	-0.19	-0.12		
18934.00	89.690	161.300	6598.30	11714.96	-11239.17	3341.13	1685748.26	14332206.65	39°28'3.1404"N	80°50'21.7527"W	11725.28	163.444	0.23	-0.17	0.16		
19028.00	89.720	160.960	6598.79	11808.95	-11328.12	3371.53	1685778.65	14332117.74	39°28'2.2607"N	80°50'21.3671"W	11819.20	163.426	0.36	0.03	-0.36		
19123.00	89.600	160.770	6599.35	11903.95	-11417.87	3402.67	1685809.78	14332028.03	39°28'1.3731"N	80°50'20.9721"W	11914.10	163.405	0.24	-0.13	-0.20		



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'

Page 9 of 13



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Wade Unit 2H
Field	Tyler	API	47-095-02728-0000
Facility	Blizzard Pad	Wellbore	Wade Unit 2H AWB
Slot	Slot #02		

WELLPATH DATA (282 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
19216.00	89.350	160.220	6600.20	11996.94	-11505.53	3433.72	1685840.81	14331940.41	39°28'0.5062"N	80°50'20.5782"W	12006.98	163.383	0.65	-0.27	-0.59	
19311.00	89.880	161.100	6600.84	12091.94	-11595.16	3465.18	1685872.26	14331850.81	39°27'59.6198"N	80°50'20.1791"W	12101.87	163.361	1.08	0.56	0.93	
19405.00	90.060	161.390	6600.89	12185.94	-11684.17	3495.40	1685902.47	14331761.83	39°27'58.7395"N	80°50'19.7958"W	12195.81	163.345	0.36	0.19	0.31	
19499.00	90.060	161.500	6600.79	12279.93	-11773.28	3525.31	1685932.37	14331672.75	39°27'57.8582"N	80°50'19.4164"W	12289.75	163.331	0.12	0.00	0.12	
19594.00	89.940	161.370	6600.79	12374.93	-11863.34	3555.56	1685962.61	14331582.73	39°27'56.9676"N	80°50'19.0328"W	12384.70	163.316	0.19	-0.13	-0.14	
19688.00	90.490	161.810	6600.44	12468.93	-11952.53	3585.25	1685992.28	14331493.58	39°27'56.0856"N	80°50'18.6563"W	12478.66	163.303	0.75	0.59	0.47	
19783.00	89.780	161.220	6600.22	12563.92	-12042.63	3615.37	1686022.39	14331403.52	39°27'55.1946"N	80°50'18.2743"W	12573.61	163.290	0.97	-0.75	-0.62	
19876.00	89.880	161.100	6600.49	12656.92	-12130.64	3645.40	1686052.41	14331315.54	39°27'54.3242"N	80°50'17.8934"W	12666.55	163.274	0.17	0.11	-0.13	
19971.00	90.000	161.210	6600.59	12751.92	-12220.55	3676.08	1686083.08	14331225.67	39°27'53.4351"N	80°50'17.5042"W	12761.48	163.258	0.17	0.13	0.12	
20065.00	89.940	160.540	6600.64	12845.92	-12309.36	3706.88	1686113.87	14331136.89	39°27'52.5568"N	80°50'17.1136"W	12855.40	163.241	0.72	-0.06	-0.71	
20159.00	89.140	161.750	6601.39	12939.91	-12398.31	3737.26	1686144.23	14331047.98	39°27'51.6771"N	80°50'16.7283"W	12949.33	163.225	1.54	-0.85	1.29	
20254.00	90.090	161.300	6602.03	13034.91	-12488.41	3767.36	1686174.32	14330957.91	39°27'50.7860"N	80°50'16.3466"W	13044.29	163.213	1.11	1.00	-0.47	
20348.00	89.350	160.530	6602.49	13128.91	-12577.24	3798.10	1686205.05	14330869.12	39°27'49.9076"N	80°50'15.9567"W	13138.21	163.197	1.14	-0.79	-0.82	
20443.00	89.780	161.120	6603.21	13223.90	-12666.97	3829.30	1686236.24	14330779.43	39°27'49.0202"N	80°50'15.5610"W	13233.13	163.180	0.77	0.45	0.62	
20537.00	89.660	160.660	6603.67	13317.90	-12755.79	3860.07	1686267.00	14330690.64	39°27'48.1418"N	80°50'15.1706"W	13327.05	163.163	0.51	-0.13	-0.49	
20632.00	89.660	160.630	6604.24	13412.90	-12845.42	3891.56	1686298.47	14330601.05	39°27'47.2554"N	80°50'14.7713"W	13421.96	163.146	0.03	0.00	-0.03	
20725.00	89.880	160.710	6604.61	13505.89	-12933.17	3922.34	1686329.24	14330513.33	39°27'46.3875"N	80°50'14.3808"W	13514.87	163.129	0.25	0.24	0.09	
20819.00	90.030	161.130	6604.68	13599.89	-13022.01	3953.07	1686359.96	14330424.53	39°27'45.5090"N	80°50'13.9911"W	13608.80	163.113	0.47	0.16	0.45	
20914.00	90.150	162.430	6604.53	13694.88	-13112.25	3982.77	1686389.65	14330334.33	39°27'44.6166"N	80°50'13.6144"W	13703.77	163.104	1.37	0.13	1.37	
21008.00	90.120	161.410	6604.31	13788.87	-13201.60	4011.94	1686418.81	14330245.01	39°27'43.7330"N	80°50'13.2446"W	13797.75	163.096	1.09	-0.03	-1.09	
21102.00	89.850	161.320	6604.34	13882.87	-13290.67	4041.98	1686448.83	14330155.97	39°27'42.8521"N	80°50'12.8637"W	13891.71	163.084	0.30	-0.29	-0.10	
21197.00	88.920	161.090	6605.36	13977.86	-13380.60	4072.58	1686479.42	14330066.08	39°27'41.9627"N	80°50'12.4755"W	13986.65	163.072	1.01	-0.98	-0.24	
21291.00	89.570	161.780	6606.60	14071.85	-13469.70	4102.51	1686509.34	14329977.02	39°27'41.0816"N	80°50'12.0960"W	14080.61	163.061	1.01	0.69	0.73	
21385.00	88.860	161.120	6607.88	14165.84	-13558.81	4132.41	1686539.23	14329887.94	39°27'40.2004"N	80°50'11.7169"W	14174.56	163.050	1.03	-0.76	-0.70	
21480.00	88.890	160.970	6609.75	14260.82	-13648.64	4163.26	1686570.07	14329798.15	39°27'39.3120"N	80°50'11.3256"W	14269.48	163.037	0.16	0.03	-0.16	
21575.00	89.940	161.300	6610.72	14355.81	-13738.53	4193.98	1686600.77	14329708.29	39°27'38.4230"N	80°50'10.9361"W	14364.42	163.024	1.16	1.11	0.35	
21669.00	89.570	161.310	6611.12	14449.81	-13827.57	4224.11	1686630.89	14329619.29	39°27'37.5425"N	80°50'10.5540"W	14458.38	163.013	0.39	-0.39	0.01	
21764.00	89.690	161.140	6611.73	14544.81	-13917.51	4254.68	1686661.45	14329529.38	39°27'36.6530"N	80°50'10.1663"W	14553.33	163.001	0.22	0.13	-0.18	
21859.00	89.570	161.300	6612.35	14639.81	-14007.45	4285.26	1686692.02	14329439.48	39°27'35.7635"N	80°50'9.7784"W	14648.29	162.990	0.21	-0.13	0.17	
21953.00	89.570	160.950	6613.05	14733.80	-14096.40	4315.67	1686722.42	14329350.57	39°27'34.8839"N	80°50'9.3928"W	14742.23	162.978	0.37	0.00	-0.37	



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'
Page 10 of 13



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Wade Unit 2H
Field	Tyler	API	47-095-02728-0000
Facility	Blizzard Pad	Wellbore	Wade Unit 2H AWB
Slot	Slot #02		

WELLPATH DATA (282 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
22047.00	89.690	160.910	6613.66	14827.80	-14185.24	4346.38	1686753.12	14329261.77	39°27'34.0053"N	80°50'9.0033"W	14836.17	162.965	0.13	0.13	-0.04	
22142.00	89.570	161.320	6614.27	14922.80	-14275.12	4377.13	1686783.85	14329171.92	39°27'33.1164"N	80°50'8.6134"W	14931.12	162.953	0.45	-0.13	0.43	
22236.00	89.630	161.450	6614.93	15016.79	-14364.20	4407.14	1686813.84	14329082.87	39°27'32.2354"N	80°50'8.2329"W	15025.08	162.943	0.15	0.06	0.14	
22331.00	89.720	161.210	6615.47	15111.79	-14454.20	4437.55	1686844.24	14328992.91	39°27'31.3454"N	80°50'7.8473"W	15120.04	162.933	0.27	0.09	-0.25	
22425.00	89.910	160.720	6615.77	15205.79	-14543.06	4468.20	1686874.89	14328904.09	39°27'30.4666"N	80°50'7.4585"W	15213.99	162.921	0.56	0.20	-0.52	
22520.00	90.180	161.660	6615.70	15300.79	-14632.98	4498.84	1686905.51	14328814.20	39°27'29.5773"N	80°50'7.0701"W	15308.94	162.910	1.03	0.28	0.99	
22615.00	89.940	161.560	6615.60	15395.78	-14723.13	4528.81	1686935.46	14328724.09	39°27'28.6858"N	80°50'6.6901"W	15403.92	162.902	0.27	-0.25	-0.11	
22709.00	90.090	160.610	6615.57	15489.78	-14812.06	4559.28	1686965.92	14328635.20	39°27'27.8063"N	80°50'6.3037"W	15497.87	162.891	1.02	0.16	-1.01	
22804.00	89.940	160.160	6615.55	15584.78	-14901.54	4591.17	1686997.80	14328545.75	39°27'26.9213"N	80°50'5.8992"W	15592.78	162.876	0.50	-0.16	-0.47	
22898.00	90.250	160.400	6615.39	15678.77	-14990.03	4622.89	1687029.51	14328457.30	39°27'26.0462"N	80°50'5.4969"W	15686.68	162.860	0.42	0.33	0.26	
22993.00	90.650	159.880	6614.65	15773.75	-15079.38	4655.16	1687061.77	14328367.99	39°27'25.1626"N	80°50'5.0875"W	15781.57	162.844	0.69	0.42	-0.55	
23088.00	89.750	160.300	6614.32	15868.74	-15168.70	4687.51	1687094.11	14328278.70	39°27'24.2792"N	80°50'4.6772"W	15876.46	162.828	1.05	-0.95	0.44	
23182.00	90.250	160.150	6614.32	15962.73	-15257.15	4719.31	1687125.89	14328190.28	39°27'23.4044"N	80°50'4.2738"W	15970.37	162.812	0.56	0.53	-0.16	
23276.00	89.820	160.080	6614.26	16056.72	-15345.55	4751.29	1687157.85	14328101.92	39°27'22.5301"N	80°50'3.8683"W	16064.26	162.796	0.46	-0.46	-0.07	
23370.00	90.000	159.850	6614.41	16150.70	-15433.86	4783.49	1687190.05	14328013.64	39°27'21.6567"N	80°50'3.4598"W	16158.15	162.780	0.31	0.19	-0.24	
23465.00	89.940	159.920	6614.46	16245.68	-15523.06	4816.16	1687222.70	14327924.47	39°27'20.7745"N	80°50'3.0454"W	16253.03	162.763	0.10	-0.06	0.07	
23558.00	90.120	160.160	6614.41	16338.66	-15610.48	4847.91	1687254.44	14327837.10	39°27'19.9100"N	80°50'2.6427"W	16345.92	162.748	0.32	0.19	0.26	
23653.00	90.340	160.310	6614.03	16433.65	-15699.88	4880.03	1687286.55	14327747.73	39°27'19.0258"N	80°50'2.2352"W	16440.83	162.733	0.28	0.23	0.16	
23748.00	90.150	159.940	6613.62	16528.64	-15789.22	4912.33	1687318.83	14327658.42	39°27'18.1422"N	80°50'1.8256"W	16535.73	162.718	0.44	-0.20	-0.39	
23842.00	90.220	160.260	6613.32	16622.63	-15877.61	4944.32	1687350.82	14327570.07	39°27'17.2681"N	80°50'1.4198"W	16629.63	162.703	0.35	0.07	0.34	
23937.00	90.220	160.270	6612.95	16717.62	-15967.03	4976.40	1687382.88	14327480.69	39°27'16.3837"N	80°50'1.0129"W	16724.55	162.689	0.01	0.00	0.01	
24030.00	90.220	160.270	6612.59	16810.61	-16054.57	5007.80	1687414.26	14327393.18	39°27'15.5179"N	80°50'0.6148"W	16817.47	162.676	0.00	0.00	0.00	
24125.00	90.310	160.490	6612.15	16905.60	-16144.05	5039.70	1687446.15	14327303.74	39°27'14.6330"N	80°50'0.2102"W	16912.39	162.663	0.25	0.09	0.23	
24219.00	90.370	160.240	6611.60	16999.59	-16232.58	5071.28	1687477.72	14327215.24	39°27'13.7574"N	80°49'59.8096"W	17006.31	162.650	0.27	0.06	-0.27	
24314.00	90.280	160.150	6611.06	17094.58	-16321.96	5103.47	1687509.90	14327125.90	39°27'12.8734"N	80°49'59.4014"W	17101.22	162.637	0.13	-0.09	-0.09	
24409.00	90.220	159.950	6610.64	17189.57	-16411.26	5135.88	1687542.30	14327036.63	39°27'11.9903"N	80°49'58.9903"W	17196.13	162.623	0.22	-0.06	-0.21	
24502.00	89.820	160.250	6610.61	17282.55	-16498.71	5167.54	1687573.94	14326949.22	39°27'11.1254"N	80°49'58.5888"W	17289.04	162.609	0.54	-0.43	0.32	
24597.00	90.060	160.130	6610.71	17377.54	-16588.08	5199.73	1687606.12	14326859.88	39°27'10.2415"N	80°49'58.1805"W	17383.95	162.596	0.28	0.25	-0.13	
24691.00	89.820	159.660	6610.81	17471.52	-16676.36	5232.05	1687638.42	14326771.64	39°27'9.3684"N	80°49'57.7707"W	17477.85	162.581	0.56	-0.26	-0.50	
24786.00	89.910	160.120	6611.03	17566.50	-16765.56	5264.71	1687671.07	14326682.47	39°27'8.4862"N	80°49'57.3564"W	17572.74	162.567	0.49	0.09	0.48	



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'

Page 11 of 13



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Wade Unit 2H
Field	Tyler	API	47-095-02728-0000
Facility	Blizzard Pad	Wellbore	Wade Unit 2H AWB
Slot	Slot #02		

WELLPATH DATA (282 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
24880.00	90.180	160.100	6610.96	17660.49	-16853.96	5296.69	1687703.04	14326594.11	39°27'7.6120"N	80°49'56.9508"W	17666.66	162.554	0.29	0.29	-0.02	
24974.00	90.180	160.490	6610.66	17754.48	-16942.45	5328.38	1687734.72	14326505.66	39°27'6.7367"N	80°49'56.5488"W	17760.58	162.542	0.41	0.00	0.41	
25069.00	90.460	160.040	6610.13	17849.47	-17031.87	5360.46	1687766.79	14326416.27	39°27'5.8524"N	80°49'56.1420"W	17855.51	162.530	0.56	0.29	-0.47	
25163.00	90.250	159.990	6609.55	17943.46	-17120.21	5392.59	1687798.90	14326327.97	39°27'4.9787"N	80°49'55.7346"W	17949.42	162.516	0.23	-0.22	-0.05	
25257.00	90.280	159.910	6609.12	18037.44	-17208.51	5424.81	1687831.11	14326239.70	39°27'4.1054"N	80°49'55.3259"W	18043.32	162.503	0.09	0.03	-0.09	
25352.00	90.250	159.980	6608.68	18132.42	-17297.75	5457.39	1687863.68	14326150.50	39°27'3.2228"N	80°49'54.9127"W	18138.23	162.490	0.08	-0.03	0.07	
25447.00	90.280	159.950	6608.24	18227.40	-17387.00	5489.94	1687896.21	14326061.29	39°27'2.3401"N	80°49'54.4999"W	18233.13	162.477	0.04	0.03	-0.03	
25541.00	90.370	160.140	6607.70	18321.39	-17475.35	5522.02	1687928.28	14325972.97	39°27'1.4663"N	80°49'54.0931"W	18327.05	162.464	0.22	0.10	0.20	
25635.00	89.850	160.360	6607.52	18415.38	-17563.82	5553.78	1687960.03	14325884.53	39°27'0.5913"N	80°49'53.6903"W	18420.98	162.453	0.60	-0.55	0.23	
25730.00	90.030	159.890	6607.62	18510.36	-17653.16	5586.08	1687992.31	14325795.23	39°26'59.7077"N	80°49'53.2807"W	18515.90	162.441	0.53	0.19	-0.49	
25823.00	89.970	160.060	6607.62	18603.35	-17740.54	5617.92	1688024.15	14325707.88	39°26'58.8435"N	80°49'52.8768"W	18608.81	162.428	0.19	-0.06	0.18	
25846.00‡	89.970	160.060	6607.63	18626.35	-17762.16	5625.77	1688031.99	14325686.27	39°26'58.6297"N	80°49'52.7773"W	18631.79	162.426	0.00	0.00	0.00	Projected MD at TD: 25846'

HOLE & CASING SECTIONS - Ref Wellbore: Wade Unit 2H AWB Ref Wellpath: Wade Unit 2H AWP Proj: 25846'

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	106.00	80.50	25.50	106.00	0.00	0.00	0.33	-0.26
17.5in Open Hole	106.00	401.00	295.00	106.00	400.99	0.33	-0.26	0.77	-1.57
13.375in Casing Surface	25.50	382.00	356.50	25.50	381.99	0.00	0.00	0.82	-1.44
12.25in Open Hole	401.00	2629.00	2228.00	400.99	2594.26	0.77	-1.57	251.81	-270.04
9.625in Casing Intermediate	25.50	2609.00	2583.50	25.50	2574.67	0.00	0.00	249.54	-266.76
8.75in Open Hole	2629.00	5712.00	3083.00	2594.26	5612.08	251.81	-270.04	713.72	-685.97
8.5in Open Hole	5712.00	25846.00	20134.00	5612.08	6607.63	713.72	-685.97	-17762.16	5625.77
5.5in Casing Production	25.50	25846.00	25820.50	25.50	6607.63	0.00	0.00	-17762.16	5625.77



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'
Page 12 of 13



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Wade Unit 2H
Field	Tyler	API	47-095-02728-0000
Facility	Blizzard Pad	Wellbore	Wade Unit 2H AWB
Slot	Slot #02		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Wade Unit 2H POE Rev-3	6480.00	225.24	-574.63	1681834.07	14343666.48	39°29'56.5134"N	80°51'11.4436"W	point
Wade Unit 2H BHL Rev-3	6505.00	-17801.01	5618.14	1688024.36	14325647.44	39°26'58.2459"N	80°49'52.8755"W	point
Wade Unit 2H LP Rev-3	6505.00	47.84	-513.69	1681894.99	14343489.15	39°29'54.7591"N	80°51'10.6698"W	point
Wade Unit 2H 50' L/R Hard Line	7000.00	-8787.89	2521.75	1684929.22	14334656.96	39°28'27.3817"N	80°50'32.1457"W	rectangle
2D Rectangle 19060.3 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Wade Unit 2H AWB Ref Wellpath: Wade Unit 2H AWP Proj: 25846'						
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date	
25.50	380.00	Gyrodatta 2015 - GC+WIR+DPIPE	01 Gyrodatta MS Gyro <17-1/2"> (100'-380')	Wade Unit 2H AWB	09/May/2021	
380.00	2555.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (380')(508'-2555')	Wade Unit 2H AWB	09/May/2021	
2555.00	5646.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (2555')(2614'-5646')	Wade Unit 2H AWB	25/Jun/2021	
5646.00	25846.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (5646')(5701'-25823')	Wade Unit 2H AWB	25/Jun/2021	



Actual Wellpath Report

Wade Unit 2H AWP Proj: 25846'

Page 13 of 13



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Wade Unit 2H
Field	Tyler	API	47-095-02728-0000
Facility	Blizzard Pad	Wellbore	Wade Unit 2H AWB
Slot	Slot #02		

COMMENTS
<p>Wellpath general comments API: 47-095-02728-0000 BH Job #: 110887515 Rig: H&P 317 Duration: 6/28/2021-7/4/2021 Gyrodatta MS Gyro <17-1/2"> (100'-380') APS EM <12-1/4"> (380')(508'-2555') APS EM <8-3/4"> (2555')(2614'-5646') BH AT Curve <8-1/2"> (5646')(5701'-25823') Sycamore: 6327' MD Middlesex: 6470' MD Burkett: 6621' MD Tully: 6672' MD Marcellus POE: 6828' MD Projected MD at TD: 25846'</p>