



ANTERO RESOURCES CORPORATION

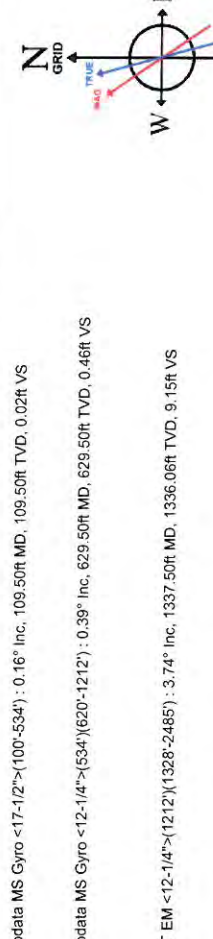
Location: Tyler County, WV
 Field: Tyler
 Facility: Stonely Pad

Slot: Slot #10
 Well: Tauscher Unit 1H
 Wellbore: Tauscher Unit 1H PWB



Plot reference wellpath is Tauscher Unit 1H PWB Rev-A.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to Frontier 22 (RKB)	North Reference: Grid north
Measured depths are referenced to Frontier 22 (RKB)	Scale: True distance
Frontier 22 (RKB) to Mean Sea Level: 1006.5 feet	Depths are in feet
Mean Sea Level to Ground level (At Slot: Slot #10): -982 feet	Created by: mcremb on 2018-05-21
Coordinates are in feet referenced to Slot	Database: WA_MPL_EASTERNUS_Defn

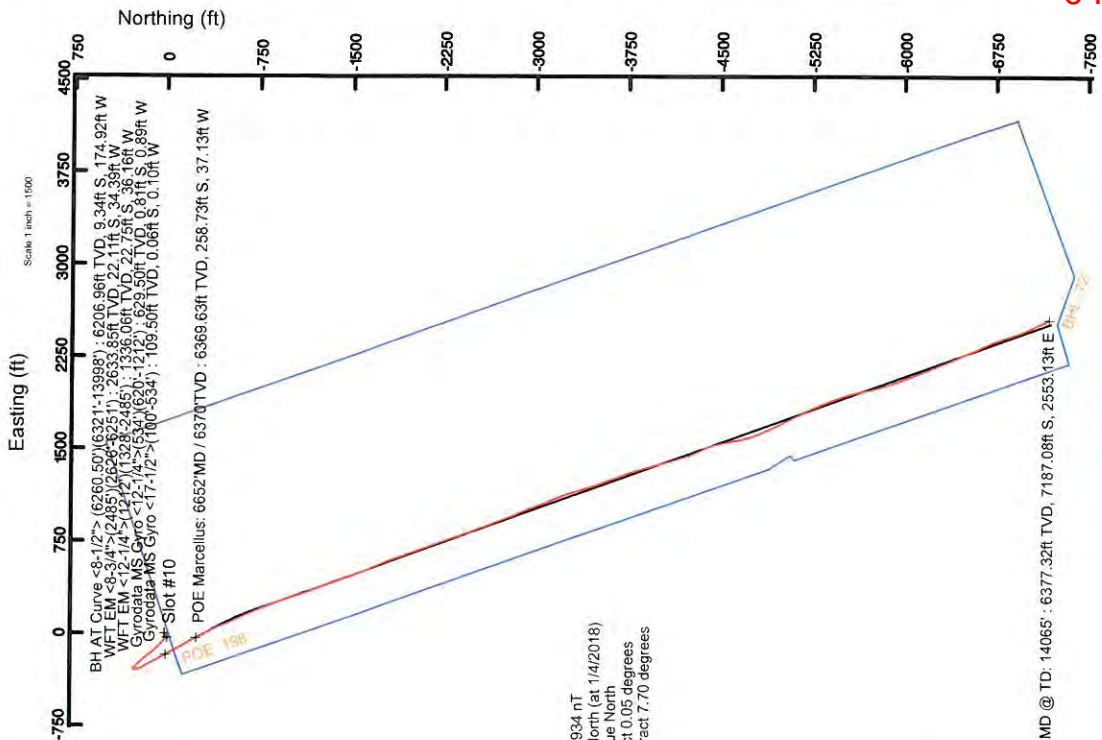
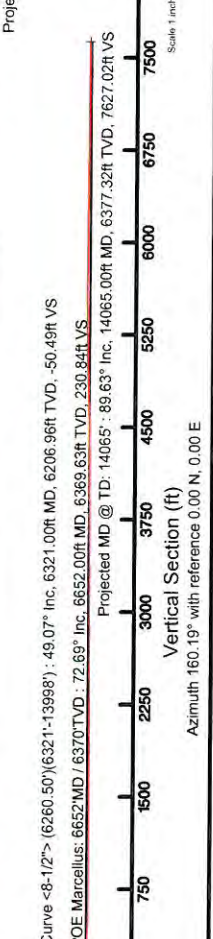
Location Information			
Facility Name	Grid East (US ft)	Grid North (US ft)	Longitude
Stonely Pad	1662255.770	14314034.380	80°55'21.620"W
Slot	Local E (ft)	Grid East (US ft)	Longitude
Slot #10	19.22	1662250.261	80°55'21.690"W
Comment	Tauscher Unit 1H		
Frontier 22 (RKB) to Ground level (At Slot: Slot #10)	24.5ft		
Mean Sea Level to Ground level (At Slot: Slot #10)	-982ft		
Frontier 22 (RKB) to Mean Sea Level	1006.5ft		



User specified Dip: 66.65°
 Magnetic North is 7.65 degrees West of True North (at 1/4/2018)
 Grid North is 0.05 degrees East of True North
 To correct azimuth from True to Grid subtract 0.05 degrees
 To correct azimuth from Magnetic to Grid subtract 7.70 degrees

Well Profile Data						
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	VS (ft)
Tie On	6260.50	45.710	150.860	6166.01	29.74	-94.48
Proj. To Bottom	6335.50	50.440	151.070	6216.10	-19.04	-39.42
End of Tangent	6405.53	60.440	151.070	6260.70	-66.29	0.00
POE	6597.05	68.900	151.070	6357.00	-210.35	9.64
Landing Pl.	6772.81	90.000	151.070	6389.00	-360.72	176.40
On Azimuth	7228.75	90.000	160.189	6389.00	-775.60	346.05
BHL	14059.75	90.000	160.189	6389.00	-7202.31	800.06
					2522.78	7631.06

Well Data			
Slot	Well	Wellbore	Wellpath
Slot #10	Tauscher Unit 1H	Tauscher Unit 1H AWB	Tauscher Unit 1H AWP Proj: 14065
Slot #10	Tauscher Unit 1H	Tauscher Unit 1H PWB	Tauscher Unit 1H PWB Rev-A.0



04/05/2019

API: 47-095-02357-0000
 BH Job #: 8936084
 Rig: Frontier 22
 Duration: 01/07/18 - 01/08/18



Actual Wellpath Report

Tauscher Unit 1H AWP Proj: 14065'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #10
Area	Tyler County, WV	Well	Tauscher Unit 1H
Field	Tyler	Wellbore	Tauscher Unit 1H AWB
Facility	Stonely Pad		

REPORT SETUP INFORMATION	
Projection System	NAD27 / UTM Zone 17 North, US feet
North Reference	Grid
Scale	0.999601
Convergence at slot	0.05° East
Software System	WellArchitect® 5.1
User	Micrerib
Report Generated	5/21/2018 at 10:59:08 AM
Database/Source file	WA_MPL_EASTERNUS_Defn/Tauscher_Unit_1H_AWP_Proj_14065_.xml

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	19.22	-5.51	1662250.26	14314053.59	39°25'03.960"N	80°55'21.690"W
Facility Reference Pt			1662255.77	14314034.38	39°25'03.770"N	80°55'21.620"W
Field Reference Pt			0.00	0.00	0°00'00.000"	85°29'19.301"W

WELLPATH DATUM	
Calculation method	Minimum curvature
Horizontal Reference Pt	Slot
Vertical Reference Pt	Frontier 22 (RKB)
MD Reference Pt	Frontier 22 (RKB)
Field Vertical Reference	Mean Sea Level
	Frontier 22 (RKB) to Facility Vertical Datum
	Frontier 22 (RKB) to Mean Sea Level
	Frontier 22 (RKB) to Ground Level at Slot (Slot #10)
	Section Origin
	Section Azimuth
	1006.50ft
	1006.50ft
	24.50ft
	N 0.00, E 0.00 ft
	160.19°

04/05/2019



Actual Wellpath Report

Tauscher Unit 1H AWP Proj: 14065'

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REFERENCE WELLPATH IDENTIFICATION		Slot	Slot #10
Operator	ANTERO RESOURCES CORPORATION	Well	Tauscher Unit 1H
Area	Tyler County, WV	Wellbore	Tauscher Unit 1H AWB
Field	Tyler		
Facility	Stonerly Pad		

WELLPATH DATA (178 stations) † = interpolated/extrapolated station																
MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (ft)	Grid North (ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (ft/100ft)	Build Rate (ft/100ft)	Turn Rate (ft/100ft)	Comments
0.00	0.00	241.390	0.00	0.00	0.00	0.00	1662250.26	14314053.59	39°25'03.960"N	80°55'21.690"W	0.00	0.000	0.00	0.00	0.00	
24.50	0.000	241.390	24.50	0.00	0.00	0.00	1662250.26	14314053.53	39°25'03.960"N	80°55'21.690"W	0.00	0.000	0.00	0.00	0.00	
109.50	0.160	241.390	109.50	0.02	-0.06	-0.10	1662250.16	14314053.53	39°25'03.959"N	80°55'21.691"W	0.12	241.390	0.19	0.19	-139.54	Gyrodala MS Gyro <17-1/2">(100'-534')
209.50	0.230	247.780	209.50	0.05	-0.20	-0.41	1662249.85	14314053.39	39°25'03.958"N	80°55'21.695"W	0.46	244.184	0.07	0.07	6.39	
309.50	0.070	321.530	309.50	0.00	-0.23	-0.64	1662249.62	14314053.36	39°25'03.958"N	80°55'21.698"W	0.68	250.315	0.22	-0.16	73.75	
409.50	0.130	215.300	409.50	0.01	-0.27	-0.74	1662249.52	14314053.32	39°25'03.957"N	80°55'21.699"W	0.79	249.788	0.16	0.06	-106.23	
509.50	0.050	158.520	509.50	0.11	-0.41	-0.79	1662249.47	14314053.19	39°25'03.956"N	80°55'21.700"W	0.89	242.808	0.11	-0.08	-56.78	
629.50	0.390	188.700	629.50	0.46	-0.81	-0.89	1662249.37	14314052.78	39°25'03.952"N	80°55'21.701"W	0.92	240.834	0.26	0.18	156.53	
720.50	1.620	212.540	720.48	1.52	-2.20	-1.63	1662248.63	14314051.39	39°25'03.938"N	80°55'21.711"W	1.20	227.777	0.34	0.33	-26.79	Gyrodala MS Gyro <12-1/4">(634')(620'-1212')
840.50	2.890	224.250	840.39	3.88	-5.79	-4.65	1662245.61	14314047.80	39°25'03.903"N	80°55'21.749"W	7.43	218.754	1.12	1.06	9.76	
937.50	3.930	229.970	937.21	6.09	-9.68	-8.90	1662241.36	14314043.91	39°25'03.864"N	80°55'21.873"W	13.15	222.593	1.13	1.07	5.90	
1031.50	4.170	241.870	1030.98	7.70	-13.37	-14.38	1662235.88	14314040.23	39°25'03.828"N	80°55'21.873"W	19.64	227.097	0.93	0.26	12.66	
1126.50	4.530	246.460	1125.71	8.45	-16.49	-20.87	1662229.40	14314037.10	39°25'03.797"N	80°55'21.956"W	26.60	231.678	0.53	0.38	4.83	
1221.50	4.890	247.350	1220.39	8.89	-19.55	-28.05	1662222.23	14314034.05	39°25'03.767"N	80°55'22.048"W	34.19	235.118	0.39	0.38	0.94	
1337.50	3.740	249.980	1336.06	9.15	-22.75	-36.16	1662214.11	14314030.85	39°25'03.735"N	80°55'22.151"W	42.72	237.825	1.01	-0.99	2.21	WFT EM <12-1/4">(1212')(1328'-2485')
1432.50	1.910	257.980	1430.94	8.95	-24.14	-40.62	1662209.65	14314029.46	39°25'03.722"N	80°55'22.208"W	47.25	239.278	1.97	-1.93	8.42	
1526.50	0.090	15.730	1524.92	8.67	-24.40	-42.14	1662208.14	14314029.20	39°25'03.719"N	80°55'22.212"W	48.69	239.929	2.08	-1.94	125.27	
1621.50	1.470	78.780	1619.91	8.79	-24.09	-40.92	1662208.36	14314029.51	39°25'03.722"N	80°55'22.212"W	47.48	239.516	1.51	1.45	66.37	
1716.50	1.300	92.270	1714.88	9.38	-23.89	-38.65	1662211.63	14314029.71	39°25'03.724"N	80°55'22.183"W	45.44	238.274	0.39	-0.18	14.20	
1810.50	0.350	103.100	1808.87	9.94	-24.00	-37.30	1662212.97	14314029.60	39°25'03.723"N	80°55'22.166"W	44.36	237.242	1.02	-1.01	11.52	
1905.50	0.200	115.740	1903.87	10.21	-24.14	-36.87	1662213.41	14314029.46	39°25'03.722"N	80°55'22.160"W	44.07	236.788	0.17	-0.16	13.31	
2000.50	0.550	112.250	1999.87	10.64	-24.38	-36.30	1662213.98	14314029.22	39°25'03.719"N	80°55'22.153"W	43.73	236.110	0.37	0.37	-3.67	
2094.50	0.720	115.960	2092.86	11.36	-24.81	-35.35	1662214.92	14314028.79	39°25'03.715"N	80°55'22.141"W	43.19	234.935	0.19	0.18	3.95	
2189.50	0.280	77.420	2187.86	11.82	-25.02	-34.59	1662215.69	14314028.58	39°25'03.713"N	80°55'22.131"W	42.69	234.115	0.56	-0.46	-40.57	
2284.50	0.530	358.580	2282.86	11.43	-24.53	-34.37	1662215.69	14314029.07	39°25'03.718"N	80°55'22.128"W	42.23	234.482	0.58	0.26	-82.99	
2378.50	0.610	4.960	2376.85	10.57	-23.60	-34.34	1662215.94	14314030.00	39°25'03.727"N	80°55'22.128"W	41.67	235.500	0.11	0.09	6.79	
2472.50	0.330	2.070	2470.85	9.86	-22.83	-34.29	1662215.99	14314030.77	39°25'03.735"N	80°55'22.127"W	41.19	236.340	0.30	-0.30	-3.07	
2494.50	0.340	355.280	2492.85	9.74	-22.70	-34.29	1662215.99	14314030.90	39°25'03.736"N	80°55'22.127"W	41.12	236.491	0.19	0.05	-30.86	
2635.50	0.150	338.200	2633.85	9.15	-22.11	-34.39	1662215.88	14314031.48	39°25'03.742"N	80°55'22.128"W	40.89	237.268	0.14	-0.13	-12.11	WFT EM <8-3/4">(2485')(2626'-8251')



Actual Wellpath Report

Tauscher Unit 1H AWP Proj: 14065'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #10
Area	Tyler County, WV	Well	Tauscher Unit 1H
Field	Tyler	Wellbore	Tauscher Unit 1H AWB
Facility	Stonefly Pad		

WELLPATH DATA (178 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
2730.50	0.340	303.920	2728.85	8.80	-21.84	-34.67	1662215.60	14314031.76	39°25'03.744"N	80°55'22.132"W	40.98	237.791	0.24	0.20		
2825.50	0.210	300.810	2823.85	8.44	-21.60	-35.06	1662215.22	14314032.00	39°25'03.747"N	80°55'22.137"W	41.17	238.366	0.14	-0.14	-3.27	
2919.50	1.610	302.310	2917.83	7.26	-20.80	-36.32	1662213.96	14314032.80	39°25'03.755"N	80°55'22.153"W	41.85	240.199	1.49	1.49	1.60	
3014.50	3.630	320.900	3012.73	3.37	-17.75	-39.34	1662210.93	14314035.84	39°25'03.785"N	80°55'22.192"W	43.16	245.713	2.28	2.13	19.57	
3110.50	5.590	321.000	3108.41	-3.92	-11.76	-44.20	1662206.07	14314041.83	39°25'03.844"N	80°55'22.253"W	45.74	255.101	2.04	2.04	0.10	
3205.50	5.810	321.380	3202.94	-12.84	-4.41	-50.12	1662200.16	14314049.18	39°25'03.917"N	80°55'22.329"W	50.31	264.973	0.23	0.23	0.40	
3300.50	5.560	320.730	3297.48	-21.73	2.91	-56.03	1662187.55	14314056.50	39°25'03.989"N	80°55'22.404"W	56.11	272.974	0.27	-0.26	-0.68	
3395.50	5.930	309.480	3392.00	-30.29	9.59	-62.73	1662179.11	14314070.37	39°25'04.126"N	80°55'22.489"W	63.46	278.696	1.25	0.39	-11.84	
3489.50	7.620	311.130	3485.34	-39.91	16.78	-71.18	1662169.31	14314078.89	39°25'04.211"N	80°55'22.597"W	73.13	283.267	1.81	1.80	1.76	
3584.50	8.110	310.910	3579.45	-51.26	25.31	-80.98	1662159.43	14314088.09	39°25'04.302"N	80°55'22.847"W	84.85	287.358	0.52	0.52	-0.23	
3678.50	8.410	314.910	3672.47	-63.26	34.51	-90.86	1662149.84	14314097.73	39°25'04.397"N	80°55'22.970"W	97.20	290.796	0.69	0.32	4.26	
3772.50	8.240	315.420	3765.48	-75.59	44.16	-100.46	1662140.17	14314107.12	39°25'04.490"N	80°55'23.093"W	109.74	293.729	0.20	-0.18	0.54	
3867.50	8.080	312.880	3859.52	-87.71	53.55	-110.13	1662130.07	14314116.86	39°25'04.587"N	80°55'23.221"W	122.46	295.932	0.42	-0.17	-2.67	
3961.50	9.110	314.890	3952.46	-100.30	63.30	-120.24	1662119.39	14314127.45	39°25'04.691"N	80°55'23.357"W	135.89	297.763	1.14	1.10	2.14	
4056.50	9.110	314.600	4046.27	-113.89	73.89	-130.93	1662109.16	14314138.40	39°25'04.800"N	80°55'23.488"W	150.34	299.438	0.05	0.00	-0.31	
4150.50	9.260	319.260	4139.06	-127.66	84.84	-141.16	1662099.26	14314149.95	39°25'05.028"N	80°55'23.614"W	164.70	301.007	0.81	0.16	4.96	
4245.50	9.170	319.580	4232.84	-141.89	96.40	-151.06	1662089.55	14314161.48	39°25'05.140"N	80°55'23.737"W	179.19	302.544	0.11	-0.09	0.34	
4340.50	9.100	320.230	4326.63	-160.86	119.27	-170.11	1662080.22	14314172.81	39°25'05.256"N	80°55'23.856"W	193.64	303.875	0.13	-0.07	0.68	
4434.50	8.880	320.790	4419.48	-169.86	119.27	-170.11	1662070.74	14314184.48	39°25'05.372"N	80°55'24.102"W	207.76	305.035	0.25	-0.23	0.60	
4528.50	9.330	321.020	4513.28	-184.05	130.94	-179.59	1662060.95	14314196.27	39°25'05.489"N	80°55'24.343"W	222.26	306.095	0.48	0.47	0.24	
4623.50	9.450	319.640	4606.02	-198.48	142.74	-189.38	1662051.26	14314208.03	39°25'05.607"N	80°55'24.588"W	237.15	307.006	0.27	0.13	-1.47	
4718.50	9.020	321.390	4699.79	-212.83	154.50	-199.08	1662042.02	14314219.94	39°25'05.722"N	80°55'24.837"W	252.00	307.814	0.54	-0.45	1.84	
4813.50	9.250	323.020	4793.58	-227.17	166.42	-208.32	1662032.99	14314231.57	39°25'05.827"N	80°55'25.056"N	266.63	308.620	0.36	0.24	1.72	
4907.50	8.780	321.210	4886.42	-241.18	178.05	-217.36	1662024.07	14314242.25	39°25'05.929"N	80°55'25.251"W	280.97	309.322	0.58	-0.50	-1.93	
5001.50	8.260	318.980	4979.39	-254.25	188.73	-226.29	1662014.94	14314252.56	39°25'06.031"N	80°55'25.457"W	294.66	309.830	0.66	-0.53	-2.37	
5096.50	8.410	318.010	5073.38	-267.05	199.05	-235.41	1662005.46	14314262.80	39°25'06.133"N	80°55'25.658"W	308.28	310.215	0.22	0.16	-1.02	
5191.50	8.500	316.420	5167.35	-279.91	209.30	-244.90	1661995.64	14314273.11	39°25'06.233"N	80°55'25.858"W	322.15	310.518	0.26	0.09	-1.67	
5285.50	8.930	316.340	5260.26	-292.94	219.61	-254.73	1661985.84	14314283.27	39°25'06.333"N	80°55'25.178"W	336.32	310.766	0.46	0.46	-0.09	
5379.50	8.930	315.730	5353.20	-305.82	229.77	-264.53	1661976.39	14314293.32	39°25'06.433"N	80°55'25.178"W	350.39	310.978	0.82	-0.62	-0.65	
5473.50	8.530	317.770	5446.18	-318.48	239.82	-273.98	1661967.39	14314303.32	39°25'06.533"N	80°55'25.178"W	364.11	311.197	0.37	0.19	2.17	



Actual Wellpath Report

Tauscher Unit 1H AWP Proj: 14065'



REFERENCE WELLPATH IDENTIFICATION	
Operator	ANTERO RESOURCES CORPORATION
Area	Tyler County, WV
Field	Tyler
Facility	Stoneyfly Pad
Slot #10	
Tauscher Unit 1H	
Tauscher Unit 1H AWB	

WELLPATH DATA (178 stations) † = interpolated/extrapolated station																
MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (ft)	Grid North (ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Comments
5536.50	8.540	312.890	5508.48	-326.96	246.47	-280.54	1661969.83	14314299.96	39°25'06.398"N	80°55'25.262"W	373.43	311.300	1.15	0.02	-7.75	
5588.50	6.770	307.200	5540.20	-330.65	249.22	-283.79	1661966.59	14314302.71	39°25'06.426"N	80°55'25.303"W	377.69	311.290	6.01	-5.53	-17.78	
5599.50	5.170	291.990	5571.03	-333.11	250.85	-286.54	1661963.84	14314304.34	39°25'06.442"N	80°55'25.338"W	380.83	311.201	7.22	-5.16	-49.06	
5631.50	4.010	261.840	5602.93	-334.30	251.23	-288.98	1661961.39	14314304.72	39°25'06.445"N	80°55'25.369"W	382.92	311.002	8.23	-3.62	-94.22	
5662.50	4.800	226.250	5633.84	-333.97	250.16	-290.98	1661959.40	14314303.65	39°25'06.435"N	80°55'25.395"W	383.73	310.887	9.24	2.55	-118.03	
5694.50	7.530	200.880	5665.66	-331.82	247.26	-292.68	1661957.70	14314300.75	39°25'06.406"N	80°55'25.417"W	383.14	310.192	11.64	8.53	-76.16	
5725.50	10.520	187.720	5696.28	-327.77	242.56	-293.78	1661956.60	14314296.05	39°25'06.360"N	80°55'25.431"W	380.98	309.545	11.66	9.65	-42.45	
5756.50	13.060	178.540	5726.62	-321.93	236.25	-294.07	1661956.72	14314289.75	39°25'06.297"N	80°55'25.429"W	377.22	308.778	10.16	8.19	-29.61	
5788.50	14.940	175.460	5757.67	-314.52	228.52	-293.65	1661956.72	14314282.07	39°25'06.221"N	80°55'25.419"W	372.10	307.890	6.32	5.87	-9.62	
5819.50	15.970	173.250	5787.55	-306.51	220.31	-292.84	1661957.54	14314273.81	39°25'06.140"N	80°55'25.419"W	366.45	306.955	3.83	3.32	-7.13	
5851.50	16.990	167.420	5818.24	-297.58	211.37	-291.30	1661959.08	14314264.88	39°25'06.052"N	80°55'25.399"W	359.91	305.965	6.07	3.19	-18.22	
5882.50	18.150	160.580	5847.79	-288.26	202.39	-288.71	1661961.67	14314255.90	39°25'05.963"N	80°55'25.366"W	352.58	305.032	7.63	3.74	-22.06	
5914.50	20.250	158.040	5878.01	-277.74	192.56	-284.98	1661965.40	14314246.07	39°25'05.866"N	80°55'25.319"W	343.93	304.046	7.06	6.56	-7.94	
5945.50	21.510	155.150	5906.98	-266.72	182.42	-280.58	1661969.79	14314235.94	39°25'05.765"N	80°55'25.263"W	334.67	303.030	5.25	4.06	-9.32	
5977.50	23.350	152.530	5936.56	-254.59	171.47	-275.19	1661975.18	14314224.99	39°25'05.657"N	80°55'25.195"W	324.24	301.927	6.54	5.75	-8.19	
6008.50	26.350	151.010	5964.68	-241.70	160.00	-269.02	1661981.34	14314213.53	39°25'05.544"N	80°55'25.116"W	313.01	300.742	9.89	9.68	-4.90	
6039.50	28.820	150.780	5992.16	-227.54	147.46	-262.04	1661988.33	14314200.99	39°25'05.420"N	80°55'25.027"W	300.68	299.368	7.98	7.97	-0.74	
6071.50	30.890	150.840	6019.91	-211.83	133.56	-254.27	1661996.09	14314187.09	39°25'05.282"N	80°55'24.928"W	287.21	297.710	6.44	6.44	0.19	
6102.50	33.260	151.010	6046.18	-195.58	119.17	-246.28	1662004.08	14314172.71	39°25'05.140"N	80°55'24.827"W	273.59	295.822	7.68	7.68	0.55	
6133.00†	36.415	150.226	6071.21	-178.40	103.99	-237.72	1662012.63	14314157.54	39°25'04.990"N	80°55'24.718"W	259.48	293.827	10.45	10.34	-2.57	Sycamore: 6133°IMD / 6071°TVD
6134.50	36.570	150.190	6072.41	-177.53	103.22	-237.28	1662013.07	14314156.77	39°25'04.982"N	80°55'24.712"W	258.76	293.509	10.45	10.35	-2.37	
6166.50	39.960	151.330	6097.54	-157.98	85.93	-227.61	1662022.74	14314139.48	39°25'04.811"N	80°55'24.589"W	243.29	290.882	10.82	10.59	3.56	
6197.50	42.680	150.730	6120.82	-137.77	68.02	-217.69	1662032.65	14314121.59	39°25'04.634"N	80°55'24.463"W	228.07	287.352	8.87	8.77	-1.94	
6228.50	44.100	150.690	6143.34	-116.77	49.45	-207.28	1662043.07	14314103.02	39°25'04.450"N	80°55'24.331"W	213.09	283.418	4.58	4.58	-0.13	
6260.50	45.710	150.860	6166.01	-94.48	29.74	-196.25	1662054.09	14314083.31	39°25'04.266"N	80°55'24.190"W	198.49	278.616	5.05	5.03	0.53	
6321.00	49.070	151.860	6206.96	-50.49	-9.34	-174.92	1662075.41	14314044.25	39°25'03.869"N	80°55'23.919"W	175.17	266.943	5.69	5.55	1.65	BH AT Curve -8-1/2" > (6260.50) (6321-13998)
6372.00	49.805	151.605	6226.47	-27.95	-29.41	-164.12	1662086.20	14314024.19	39°25'03.671"N	80°55'23.782"W	166.74	259.839	2.53	2.45	-0.85	Middlesex: 635°IMD / 6226°TVD
6419.00	50.320	151.430	6239.95	-12.03	-43.57	-156.45	1662093.88	14314010.04	39°25'03.531"N	80°55'23.684"W	162.40	254.439	2.53	2.45	-0.83	
6466.00	53.680	150.990	6268.88	24.55	-76.02	-138.61	1662111.71	14313977.60	39°25'03.210"N	80°55'23.457"W	158.09	241.258	7.19	7.15	-0.94	
6466.00	58.620	150.910	6295.05	63.06	-110.13	-119.66	1662130.65	14313943.50	39°25'02.873"N	80°55'23.216"W	162.63	227.375	10.51	10.51	-0.17	



Actual Wellpath Report

Tauscher Unit 1H AWP Proj: 14065'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #10
Area	Tyler County, WV	Well	Tauscher Unit 1H
Field	Tyler	Wellbore	Tauscher Unit 1H AWB
Facility	Stonely Pad		

WELLPATH DATA (178 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
6513.00	63.610	151.280	6317.75	103.68	-146.15	-99.78	1662150.52	14313907.50	39°25'02.516"N	80°55'22.963"W	176.96	214.322	10.64	10.62	0.79	
6521.00†	64.301	151.263	6321.26	110.78	-152.45	-96.32	1662153.98	14313901.20	39°25'02.454"N	80°55'22.919"W	180.33	212.286	8.64	8.64	-0.22	Burket: 6521'MD / 6321'TVD
6560.00	67.670	151.180	6337.13	145.97	-183.67	-79.18	1662171.12	14313870.00	39°25'02.145"N	80°55'22.701"W	200.01	203.320	8.64	8.64	-0.21	
6587.00†	68.141	150.869	6347.29	170.67	-205.55	-67.06	1662183.23	14313848.12	39°25'01.929"N	80°55'22.547"W	216.22	198.067	2.04	1.74	-1.15	Jully: 6587'MD / 6347'TVD
6607.00	68.490	150.640	6354.68	189.00	-221.77	-57.98	1662192.31	14313831.91	39°25'01.769"N	80°55'22.431"W	229.22	194.651	2.04	1.75	-1.15	
6652.00†	72.693	150.506	6369.63	230.84	-258.73	-37.13	1662213.15	14313794.97	39°25'01.403"N	80°55'22.166"W	261.38	188.166	9.34	9.34	-0.29	
6654.00	72.880	150.500	6370.22	232.72	-260.39	-36.19	1662214.09	14313793.30	39°25'01.387"N	80°55'22.154"W	262.89	187.912	9.34	9.34	-0.29	
6701.00	77.660	150.800	6382.17	277.53	-300.00	-13.91	1662236.35	14313763.71	39°25'00.995"N	80°55'21.871"W	300.32	182.656	10.19	10.17	0.64	
6748.00	81.250	152.220	6390.77	323.20	-340.61	8.12	1662258.38	14313713.12	39°25'00.594"N	80°55'21.871"W	340.70	178.635	8.20	7.64	3.02	
6794.00	84.140	153.940	6396.62	368.47	-381.28	28.77	1662279.02	14313672.46	39°25'00.191"N	80°55'21.328"W	382.37	175.685	7.30	6.28	3.74	
6865.00	89.880	157.060	6400.32	439.10	-445.77	58.15	1662308.39	14313608.00	39°24'59.554"N	80°55'20.954"W	449.55	172.567	9.20	8.08	4.39	
6889.00	89.600	157.270	6400.43	463.06	-467.89	67.47	1662317.70	14313585.89	39°24'59.335"N	80°55'20.835"W	472.73	171.795	1.46	-1.17	0.87	
6983.00	89.910	156.420	6400.83	556.90	-554.31	104.43	1662354.65	14313499.50	39°24'58.481"N	80°55'20.365"W	564.07	169.331	0.96	0.33	-0.90	
7077.00	89.940	154.970	6400.95	650.61	-639.98	143.12	1662393.32	14313413.87	39°24'57.634"N	80°55'19.873"W	655.79	167.394	1.54	0.03	-1.54	
7170.00	89.880	156.630	6401.10	743.33	-724.81	181.24	1662431.43	14313329.08	39°24'56.795"N	80°55'19.389"W	747.12	165.961	1.79	-0.06	1.78	
7264.00	89.910	158.360	6401.27	837.23	-811.64	217.22	1662467.39	14313242.27	39°24'55.936"N	80°55'18.931"W	840.21	165.017	1.84	0.03	1.84	
7358.00	89.910	159.500	6401.42	931.20	-899.36	251.01	1662501.17	14313154.59	39°24'55.069"N	80°55'18.502"W	933.73	164.406	1.21	0.00	1.21	
7452.00	89.850	160.970	6401.62	1025.20	-987.82	282.80	1662532.94	14313066.17	39°24'54.195"N	80°55'18.098"W	1027.50	164.024	1.57	-0.06	1.56	
7546.00	90.030	160.810	6401.71	1119.19	-1076.64	313.57	1662563.71	14312977.39	39°24'53.316"N	80°55'17.706"W	1121.37	163.762	0.26	0.19	-0.17	
7640.00	89.910	159.850	6401.76	1213.19	-1165.15	345.21	1662595.33	14312888.91	39°24'52.441"N	80°55'17.304"W	1215.21	163.496	1.03	-0.13	-1.02	
7734.00	89.910	159.870	6401.91	1307.19	-1253.40	377.58	1662627.69	14312800.69	39°24'51.569"N	80°55'16.893"W	1309.04	163.235	0.02	0.00	0.02	
7828.00	89.940	160.670	6402.03	1401.19	-1341.88	409.31	1662659.41	14312712.25	39°24'50.694"N	80°55'16.490"W	1402.92	163.037	0.85	0.03	0.85	
7922.00	89.850	159.790	6402.21	1495.19	-1430.34	441.10	1662691.19	14312623.82	39°24'49.819"N	80°55'16.085"W	1496.81	162.861	0.94	-0.10	-0.94	
8016.00	89.940	159.890	6402.38	1589.19	-1518.68	473.50	1662723.57	14312535.62	39°24'48.947"N	80°55'15.674"W	1590.69	162.682	0.14	0.10	0.11	
8110.00	89.940	158.430	6402.48	1683.17	-1606.43	506.94	1662757.00	14312447.81	39°24'48.079"N	80°55'15.249"W	1684.52	162.486	1.55	0.00	-1.55	
8204.00	89.880	158.600	6402.62	1777.13	-1693.90	541.37	1662791.41	14312360.37	39°24'47.214"N	80°55'14.811"W	1778.31	162.276	0.19	-0.06	0.18	
8298.00	89.820	158.280	6402.87	1871.08	-1781.32	575.91	1662825.94	14312272.98	39°24'46.349"N	80°55'14.372"W	1872.11	162.084	0.35	-0.06	-0.34	
8392.00	90.180	159.920	6402.87	1965.06	-1869.13	609.44	1662859.46	14312185.21	39°24'45.481"N	80°55'13.946"W	1965.98	161.941	1.79	0.38	1.74	
8485.00	90.310	161.750	6402.47	2058.05	-1956.97	639.97	1662889.98	14312097.40	39°24'44.613"N	80°55'13.558"W	2058.96	161.891	1.97	0.14	1.97	
8579.00	90.310	160.540	6401.96	2152.04	-2045.93	670.35	1662920.34	14312008.48	39°24'43.733"N	80°55'13.172"W	2152.95	161.859	1.29	0.00	-1.29	



Actual Wellpath Report

Tauscher Unit 1H AWP Proj: 14065'

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REFERENCE WELLPATH IDENTIFICATION		Slot	Slot #10
Operator	ANTERO RESOURCES CORPORATION	Well	Tauscher Unit 1H
Area	Tyler County, WV	Wellbore	Tauscher Unit 1H AWB
Field	Tyler		
Facility	Stonerly Pad		

WELLPATH DATA (178 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
8673.00	90.310	159.380	6401.46	2246.03	-2134.23	702.56	1662952.54	14311920.21	39°24'42.860"N	80°55'12.762"W	2246.90	161.779	1.23	0.00	-1.23	
8767.00	90.340	160.960	6400.92	2340.03	-2222.65	734.45	1662984.41	14311831.83	39°24'41.986"N	80°55'12.357"W	2340.86	161.715	1.68	0.03	1.68	
8862.00	90.310	160.510	6400.38	2435.02	-2312.33	765.79	1663015.74	14311742.19	39°24'41.039"N	80°55'11.959"W	2435.84	161.676	0.47	-0.03	-0.47	
8957.00	90.430	161.350	6399.77	2530.01	-2402.12	796.83	1663046.77	14311652.44	39°24'40.212"N	80°55'11.564"W	2530.83	161.648	0.89	0.13	0.88	
9052.00	90.310	159.440	6399.16	2625.00	-2491.60	828.70	1663078.63	14311562.99	39°24'39.327"N	80°55'11.159"W	2625.80	161.603	2.01	-0.13	-2.01	
9147.00	90.280	159.990	6398.67	2720.00	-2580.71	861.64	1663111.55	14311473.92	39°24'38.446"N	80°55'10.741"W	2720.75	161.537	0.58	-0.03	0.58	
9242.00	90.310	159.040	6398.18	2814.99	-2669.70	894.88	1663144.78	14311384.96	39°24'37.566"N	80°55'10.318"W	2815.69	161.469	1.00	0.03	-1.00	
9335.00	90.250	159.170	6397.72	2907.97	-2756.58	928.05	1663177.94	14311298.11	39°24'36.707"N	80°55'09.896"W	2908.61	161.393	0.15	-0.06	0.14	
9431.00	90.370	156.990	6397.20	3003.90	-2845.64	963.89	1663213.76	14311209.10	39°24'35.827"N	80°55'09.441"W	3004.45	161.287	2.27	0.13	-2.27	
9524.00	90.280	157.580	6396.68	3096.78	-2931.42	999.80	1663249.66	14311123.35	39°24'34.979"N	80°55'08.984"W	3097.23	161.167	0.64	-0.10	0.63	
9618.00	90.220	158.310	6396.27	3190.73	-3018.84	1034.33	1663284.18	14311035.96	39°24'34.114"N	80°55'08.545"W	3191.12	161.087	1.84	-0.06	1.84	
9714.00	90.340	158.180	6395.80	3286.70	-3108.31	1069.13	1663318.96	14310946.53	39°24'33.230"N	80°55'08.103"W	3287.04	161.019	1.18	0.12	-1.18	
9809.00	90.250	157.830	6395.31	3381.63	-3196.39	1104.71	1663354.53	14310858.48	39°24'32.359"N	80°55'07.651"W	3381.91	160.934	0.38	-0.09	-0.37	
9904.00	90.250	162.000	6394.89	3476.60	-3285.60	1137.33	1663387.13	14310769.31	39°24'31.477"N	80°55'07.236"W	3476.88	160.906	4.39	0.00	4.39	
10094.00	90.400	163.530	6394.35	3571.50	-3376.33	1165.48	1663415.27	14310678.62	39°24'30.580"N	80°55'06.879"W	3571.82	160.956	1.62	0.16	1.61	
10189.00	90.280	160.170	6393.33	3761.39	-3467.06	1193.61	1663443.39	14310587.92	39°24'29.683"N	80°55'06.521"W	3666.77	161.003	1.59	-0.13	-1.59	
10284.00	90.150	158.950	6392.97	3856.38	-3556.93	1224.38	1663474.15	14310498.09	39°24'28.794"N	80°55'06.130"W	3761.77	161.005	1.95	0.00	-1.95	
10379.00	90.280	159.930	6392.61	3951.37	-3645.95	1257.56	1663507.32	14310409.11	39°24'27.914"N	80°55'05.709"W	3856.73	160.970	1.29	-0.14	-1.28	
10474.00	90.310	164.080	6392.12	4046.30	-3734.90	1290.92	1663540.66	14310320.19	39°24'27.035"N	80°55'05.285"W	3951.70	160.933	1.04	0.14	1.03	
10569.00	90.400	163.880	6391.54	4141.09	-3825.23	1320.26	1663569.99	14310229.90	39°24'26.142"N	80°55'04.912"W	4046.66	160.958	4.37	0.03	4.37	
10664.00	90.340	163.130	6390.92	4235.93	-3916.54	1346.48	1663598.20	14310138.63	39°24'25.239"N	80°55'04.579"W	4141.53	161.027	0.23	0.09	-0.21	
10758.00	90.460	163.000	6390.27	4329.81	-4007.55	1373.45	1663623.16	14310047.58	39°24'24.339"N	80°55'04.236"W	4236.44	161.083	0.79	-0.06	-0.79	
10854.00	90.680	164.340	6389.31	4425.62	-4097.55	1400.83	1663650.53	14309957.69	39°24'23.450"N	80°55'03.889"W	4330.38	161.126	0.19	0.13	-0.14	
10948.00	90.770	157.600	6388.17	4519.55	-4189.67	1427.82	1663677.51	14309865.61	39°24'22.539"N	80°55'03.546"W	4426.28	161.181	1.41	0.23	1.40	
11044.00	90.710	154.190	6386.93	4615.26	-4278.47	1458.45	1663708.13	14309776.84	39°24'21.661"N	80°55'03.157"W	4520.22	161.177	7.17	0.03	-7.17	
11139.00	92.030	163.590	6384.60	4710.10	-4366.68	1497.65	1663747.31	14309689.26	39°24'20.795"N	80°55'02.658"W	4615.80	161.067	3.55	0.06	-3.55	
11234.00	92.190	170.590	6381.10	4804.29	-4454.58	1531.82	1663781.47	14309600.80	39°24'19.920"N	80°55'02.224"W	4710.60	161.023	9.98	1.33	9.89	
11329.00	92.340	168.560	6377.35	4897.94	-4543.05	1553.02	1663802.66	14309508.36	39°24'19.006"N	80°55'01.955"W	4804.95	161.143	7.37	0.17	7.37	
11424.00	92.190	165.000	6373.59	4992.22	-4640.41	1570.19	1663819.82	14309415.05	39°24'18.083"N	80°55'01.737"W	4898.87	161.306	2.14	0.16	-2.14	
					-4732.80	1591.90	1663841.52	14309322.69	39°24'17.169"N	80°55'01.462"W	4993.35	161.409	3.75	-0.16	-3.75	



Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION		Slot	Slot #10
Operator	ANTERO RESOURCES CORPORATION	Well	Tauscher Unit 1H
Area	Tyler County, WV	Wellbore	Tauscher Unit 1H AWB
Field	Tyler		
Facility	Stonerly Pad		

WELLPATH DATA (178 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
11520.00	90.620	156.430	6371.23	5088.10	-4823.30	1623.57	1663873.18	14309232.23	39°24'16.275"N	80°55'01.059"W	5089.22	161.396	9.07	-1.64	-8.93	
11616.00	90.770	155.870	6370.07	5183.85	-4911.10	1662.38	1663911.97	14309144.47	39°24'15.407"N	80°55'00.566"W	5184.82	161.299	0.60	0.16	-0.58	
11711.00	90.710	153.150	6368.84	5278.37	-4996.83	1703.26	1663952.83	14309058.76	39°24'14.559"N	80°55'00.046"W	5279.15	161.177	2.86	-0.06	-2.86	
11806.00	90.580	152.630	6367.77	5372.59	-5081.39	1746.55	1663996.11	14308974.24	39°24'13.723"N	80°54'59.496"W	5373.17	161.031	0.56	-0.14	-0.55	
11901.00	90.800	155.200	6366.63	5467.01	-5166.70	1788.31	1664037.85	14308888.96	39°24'12.879"N	80°54'58.965"W	5467.44	160.908	2.71	0.23	2.71	
11996.00	89.880	156.040	6366.06	5561.70	-5253.23	1827.52	1664077.05	14308802.47	39°24'12.024"N	80°54'58.466"W	5562.03	160.818	1.31	-0.97	0.88	
12091.00	89.690	159.760	6366.67	5656.57	-5340.85	1864.21	1664113.73	14308714.89	39°24'11.157"N	80°54'58.000"W	5656.85	160.759	2.61	-0.03	2.61	
12187.00	89.660	159.760	6366.67	5752.55	-5430.55	1898.40	1664147.89	14308625.22	39°24'10.270"N	80°54'57.366"W	5752.81	160.732	1.30	-0.17	1.29	
12283.00	89.820	162.180	6367.08	5848.54	-5521.30	1929.70	1664179.18	14308534.51	39°24'09.373"N	80°54'57.168"W	5848.80	160.735	2.52	0.14	2.52	
12379.00	89.660	165.310	6367.51	5942.34	-5611.53	1956.00	1664205.48	14308444.31	39°24'08.481"N	80°54'56.834"W	5942.66	160.783	3.33	-0.17	3.33	
12473.00	89.820	167.680	6367.94	6037.75	-5704.87	1978.42	1664227.89	14308351.01	39°24'07.558"N	80°54'56.549"W	6038.18	160.874	2.47	0.17	2.47	
12568.00	89.910	165.960	6368.17	6132.11	-5797.36	2000.08	1664249.54	14308258.56	39°24'06.644"N	80°54'56.275"W	6132.68	160.966	1.81	0.09	-1.81	
12664.00	89.380	161.160	6368.76	6227.92	-5889.41	2027.24	1664276.69	14308166.55	39°24'05.734"N	80°54'55.930"W	6228.55	161.006	5.03	-0.55	-5.00	
12759.00	89.630	159.350	6369.56	6322.91	-5978.81	2059.33	1664308.77	14308077.18	39°24'04.850"N	80°54'55.522"W	6323.53	160.994	1.92	0.26	-1.91	
12854.00	89.630	159.150	6370.20	6417.90	-6067.65	2092.99	1664342.41	14307988.38	39°24'03.972"N	80°54'55.094"W	6418.49	160.969	0.21	0.00	-0.21	
12950.00	89.720	158.440	6370.74	6513.86	-6157.15	2127.71	1664377.12	14307898.91	39°24'03.087"N	80°54'54.553"W	6514.42	160.936	0.75	0.09	-0.74	
13045.00	89.690	157.500	6371.23	6608.79	-6245.21	2163.35	1664412.74	14307810.89	39°24'02.216"N	80°54'54.200"W	6609.29	160.894	0.99	-0.03	-0.99	
13140.00	89.630	158.100	6371.80	6703.71	-6333.17	2199.24	1664448.62	14307722.97	39°24'01.347"N	80°54'53.744"W	6704.15	160.850	0.63	-0.06	0.63	
13235.00	89.720	156.780	6372.33	6798.59	-6420.89	2235.69	1664485.05	14307635.28	39°24'00.479"N	80°54'53.281"W	6798.98	160.802	1.39	0.09	-1.39	
13331.00	89.570	157.070	6372.93	6894.44	-6509.21	2273.31	1664522.66	14307546.99	39°23'59.606"N	80°54'52.802"W	6894.76	160.748	0.34	-0.16	0.30	
13426.00	89.750	156.430	6373.49	6989.26	-6596.49	2310.81	1664560.14	14307459.75	39°23'58.743"N	80°54'52.326"W	6989.53	160.694	0.70	0.19	-0.67	
13522.00	89.570	156.610	6374.06	7085.06	-6684.54	2349.06	1664598.38	14307371.73	39°23'57.872"N	80°54'51.840"W	7085.28	160.638	0.27	-0.19	0.19	
13618.00	89.690	159.060	6374.68	7180.97	-6773.44	2385.27	1664634.58	14307282.87	39°23'56.993"N	80°54'51.379"W	7181.16	160.600	2.56	0.13	2.55	
13713.00	89.540	163.110	6375.32	7275.94	-6863.29	2416.06	1664665.35	14307193.06	39°23'56.105"N	80°54'50.988"W	7276.13	160.607	4.27	-0.16	4.26	
13808.00	89.780	158.880	6375.89	7370.91	-6953.08	2447.01	1664696.29	14307103.30	39°23'55.217"N	80°54'50.595"W	7371.11	160.611	4.49	0.25	-4.48	
13903.00	89.690	153.440	6376.33	7465.63	-7039.93	2485.42	1664734.68	14307016.49	39°23'54.359"N	80°54'50.107"W	7465.79	160.555	5.70	-0.09	-5.69	
13998.00	89.630	156.060	6376.89	7560.20	-7125.85	2525.94	1664775.19	14306930.61	39°23'53.509"N	80°54'49.592"W	7560.29	160.482	2.76	-0.06	2.76	
14065.00	89.630	156.060	6377.32	7627.02	-7187.08	2553.13	1664802.36	14306869.40	39°23'52.904"N	80°54'49.246"W	7627.10	160.443	0.00	0.00	0.00	Projected MD @ TD: 14065'



Actual Wellpath Report

Tauscher Unit 1H AWP Proj: 14065'



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #10
Area	Tyler County, WW	Well	Tauscher Unit 1H
Field	Tyler	Wellbore	Tauscher Unit 1H AWB
Facility	Stonerfly Pad		

HOLE & CASING SECTIONS - Ref Wellbore: Tauscher Unit 1H AWB Ref Wellpath: Tauscher Unit 1H AWP Proj: 14065'										
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	End N/S [ft]	Start E/W [ft]	End E/W [ft]	End E/W [ft]
20in Conductor	24.50	104.50	80.00	24.50	104.50	0.00	0.00	0.00	-0.05	-0.09
17.5in Open Hole	104.50	582.00	477.50	104.50	582.00	-0.05	-0.09	-0.09	-0.55	-0.84
13.375in Casing Surface	24.50	582.00	557.50	24.50	582.00	0.00	0.00	0.00	-0.55	-0.84
12.25in Open Hole	582.00	2577.80	1995.80	582.00	2576.15	-0.55	-0.84	-0.84	-22.30	-34.34
9.625in Casing Intermediate	24.50	2577.80	2553.30	24.50	2576.15	0.00	0.00	0.00	-22.30	-34.34
8.75in Open Hole	2577.00	6251.00	3674.00	2575.35	6159.35	-22.30	-34.34	-34.34	35.65	-199.55
8.5in Open Hole	6251.00	14065.00	7814.00	6159.35	6377.32	35.65	-7187.08	-199.55	2553.13	2553.13
5.5in Casing Production	24.50	14065.00	14040.50	24.50	6377.32	0.00	-7187.08	0.00	2553.13	2553.13

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Tauscher Unit 1H POE Rev-2	6357.00	-210.35	-63.44	1662186.85	14313843.33	39°25'01.882"N	80°55'22.501"W	point
Tauscher Unit 1H BHL Rev-2	6389.00	-7202.31	2522.78	1664772.03	14306854.17	39°23'52.753"N	80°54'49.633"W	point
Tauscher Unit 1H LP Rev-1	6389.00	-360.72	19.68	1662269.93	14313693.01	39°25'00.395"N	80°55'21.443"W	point



Actual Wellpath Report

Tauscher Unit 1H AWP Proj: 14065'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #10
Area	Tyler County, WV	Well	Tauscher Unit 1H
Field	Tyler	Wellbore	Tauscher Unit 1H AWB
Facility	Stonefly Pad		

WELLPATH COMPOSITION - Ref Wellbore: Tauscher Unit 1H AWB

Start MD (ft)	End MD (ft)	Positional Uncertainty Model	Log Name/Comment	Wellbore
24.50	543.50	Gyrodata standard - Drop gyro or Multi-shot	01_Gyrodata MS Gyro <17-1/2">(100'-534')	Tauscher Unit 1H AWB
543.50	1221.50	Gyrodata standard - Drop gyro or Multi-shot	02_Gyrodata MS Gyro <12-1/4">(534')(620'-1212')	Tauscher Unit 1H AWB
1221.50	2494.50	ISCWSA MWD, Rev. 4 (Standard)	03_WFT EM <12-1/4">(1212')(1328'-2485')	Tauscher Unit 1H AWB
2494.50	6260.50	ISCWSA MWD, Rev. 4 (Standard)	04_WFT EM <8-3/4">(2485')(2626'-6251')	Tauscher Unit 1H AWB
6260.50	13998.00	BHI AutoTrak Curve (Short)	05_BHAT Curve <8-1/2">(6260.50)(6321'-13998')	Tauscher Unit 1H AWB
13998.00	14065.00	Blind Drilling (std)	Projection to bit	Tauscher Unit 1H AWB

04/05/2019



Actual Wellpath Report

Tauscher Unit 1H AWP Proj: 14065'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #10
Area	Tyler County, WV	Well	Tauscher Unit 1H
Field	Tyler	Wellbore	Tauscher Unit 1H AWB
Facility	Stonefly Pad		

COMMENTS

Wellpath general comments

API: 47-095-02357-0000
 BH Job #: 8936084
 Rig: Frontier 22
 Duration: 01/07/18 - 01/08/18
 Gyrodatta MS Gyro <17'-1/2">(100'-534')
 Gyrodatta MS Gyro <12'-1/4">(534')(620'-1212')
 WFT EM <12'-1/4">(1212')(1328'-2485')
 WFT EM <8'-3/4">(2485')(2626'-6251')
 Sycamore: 6133'MD / 6071'TVD
 BH AT Curve <8'-1/2"> (6260.50')(6321'-13998')
 Middlesex: 6351'MD / 6226'TVD
 Burket: 6521'MD / 6321'TVD
 Tully: 6587'MD / 6347'TVD
 POE Marcellus: 6652'MD / 6370'TVD
 Projected MD @ TD: 14065'

04/05/2019