



Actual Wellpath Report

Rodzina Unit 1H AWP Proj: 17035'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #09
Area	Tyler County, WV	Well	Rodzina Unit 1H
Field	Tyler	Wellbore	Rodzina Unit 1H AWB
Facility	Dawson Pad		

REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 5.1
North Reference	Grid	User	Delaset
Scale	0.999601	Report Generated	8/7/2019 at 4:10:01 PM
Convergence at slot	0.08° East	Database/Source file	WA_MPL_EasternUS_Defn/Rodzina_Unit_1H_AWP_Proj_17035_.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-194.99	209.15	1676258.79	14300397.61	39°22'48.780"N	80°52'23.370"W
Facility Reference Pt			1676049.73	14300592.52	39°22'50.710"N	80°52'26.030"W
Field Reference Pt			0.00	0.00	0°00'00.000"	85°29'19.301"W

WELLPATH DATUM

Calculation method	Minimum curvature	H&P 519 (RKB) to Facility Vertical Datum	1039.00ft
Horizontal Reference Pt	Slot	H&P 519 (RKB) to Mean Sea Level	1039.00ft
Vertical Reference Pt	H&P 519 (RKB)	H&P 519 (RKB) to Ground Level at Slot (Slot #09)	30.00ft
MD Reference Pt	H&P 519 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	161.70°



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Field	Tyler	Wellbore	Rodzina Unit 1H AWB
Facility	Dawson Pad		

WELLPATH DATA (189 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	81.530	0.00	0.00	0.00	0.00	1676258.79	14300397.61	39°22'48.780"N	80°52'23.370"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	81.530	30.00	0.00	0.00	0.00	1676258.79	14300397.61	39°22'48.780"N	80°52'23.370"W	0.00	0.000	0.00	0.00	0.00	
115.00	0.710	81.530	115.00	0.09	0.08	0.52	1676259.31	14300397.69	39°22'48.781"N	80°52'23.363"W	0.53	81.530	0.84	0.84	95.92	Gyrodata MS Gyro <17-1/2">(100'-552')
215.00	0.440	95.550	214.99	0.35	0.13	1.52	1676260.31	14300397.74	39°22'48.781"N	80°52'23.351"W	1.52	85.035	0.30	-0.27	14.02	
315.00	0.200	96.570	314.99	0.58	0.07	2.07	1676260.86	14300397.68	39°22'48.781"N	80°52'23.344"W	2.07	87.938	0.24	-0.24	1.02	
415.00	0.210	42.780	414.99	0.56	0.19	2.37	1676261.16	14300397.80	39°22'48.782"N	80°52'23.340"W	2.38	85.436	0.19	0.01	-53.79	
515.00	0.230	53.970	514.99	0.41	0.44	2.66	1676261.45	14300398.05	39°22'48.784"N	80°52'23.336"W	2.69	80.558	0.05	0.02	11.19	
567.00	0.430	87.520	566.99	0.44	0.51	2.94	1676261.72	14300398.12	39°22'48.785"N	80°52'23.333"W	2.98	80.115	0.52	0.38	64.52	
656.00	0.310	171.560	655.99	0.76	0.29	3.30	1676262.09	14300397.90	39°22'48.783"N	80°52'23.328"W	3.32	85.022	0.57	-0.13	94.43	WFT EM <12-1/4">(567')(641'-2555')
749.00	2.390	219.220	748.96	2.05	-1.46	2.12	1676260.90	14300396.15	39°22'48.765"N	80°52'23.343"W	2.57	124.681	2.36	2.24	51.25	
842.00	4.920	228.170	841.76	4.69	-5.63	-2.08	1676256.71	14300391.99	39°22'48.724"N	80°52'23.397"W	6.00	200.319	2.78	2.72	9.62	
939.00	7.100	239.040	938.23	7.66	-11.49	-10.32	1676248.47	14300386.13	39°22'48.667"N	80°52'23.502"W	15.44	221.954	2.53	2.25	11.21	
1034.00	9.770	243.600	1032.19	10.09	-18.09	-22.58	1676236.22	14300379.53	39°22'48.601"N	80°52'23.658"W	28.93	231.301	2.90	2.81	4.80	
1151.00	13.900	245.570	1146.68	12.99	-28.32	-44.28	1676214.53	14300369.30	39°22'48.501"N	80°52'23.934"W	52.56	237.396	3.55	3.53	1.68	
1246.00	15.070	243.080	1238.66	16.06	-38.63	-65.68	1676193.14	14300358.99	39°22'48.399"N	80°52'24.207"W	76.20	239.536	1.39	1.23	-2.62	
1341.00	15.010	238.890	1330.41	20.63	-50.58	-87.22	1676171.60	14300347.05	39°22'48.281"N	80°52'24.482"W	100.83	239.891	1.15	-0.06	-4.41	
1435.00	16.970	238.060	1420.77	26.57	-64.13	-109.29	1676149.54	14300333.51	39°22'48.148"N	80°52'24.763"W	126.71	239.597	2.10	2.09	-0.88	
1530.00	18.760	238.460	1511.18	33.34	-79.45	-134.08	1676124.77	14300318.19	39°22'47.997"N	80°52'25.079"W	155.85	239.349	1.89	1.88	0.42	
1625.00	19.330	240.080	1600.98	40.00	-95.29	-160.72	1676098.13	14300302.36	39°22'47.840"N	80°52'25.419"W	186.85	239.338	0.82	0.60	1.71	
1719.00	17.170	235.250	1690.25	47.07	-110.96	-185.61	1676073.25	14300286.69	39°22'47.686"N	80°52'25.736"W	216.25	239.129	2.80	-2.30	-5.14	
1814.00	15.860	229.780	1781.34	55.88	-127.34	-207.05	1676051.83	14300270.32	39°22'47.524"N	80°52'26.009"W	243.07	238.408	2.14	-1.38	-5.76	
1909.00	16.070	227.920	1872.67	66.03	-144.53	-226.72	1676032.16	14300253.14	39°22'47.355"N	80°52'26.260"W	268.87	237.483	0.58	0.22	-1.96	
2003.00	16.250	228.100	1962.96	76.54	-162.03	-246.16	1676012.72	14300235.64	39°22'47.182"N	80°52'26.508"W	294.71	236.646	0.20	0.19	0.19	
2098.00	16.420	227.180	2054.13	87.44	-180.04	-265.91	1675992.99	14300217.65	39°22'47.004"N	80°52'26.759"W	321.12	235.899	0.33	0.18	-0.97	
2192.00	16.360	226.690	2144.31	98.55	-198.15	-285.28	1675973.62	14300199.54	39°22'46.826"N	80°52'27.007"W	347.35	235.218	0.16	-0.06	-0.52	
2286.00	14.830	222.730	2234.85	109.97	-216.07	-303.08	1675955.83	14300181.63	39°22'46.649"N	80°52'27.234"W	372.21	234.515	1.98	-1.63	-4.21	
2381.00	15.110	220.430	2326.62	122.29	-234.42	-319.36	1675939.56	14300163.28	39°22'46.467"N	80°52'27.441"W	396.16	233.720	0.69	0.29	-2.42	
2476.00	15.500	221.870	2418.25	135.03	-253.30	-335.86	1675923.06	14300144.41	39°22'46.281"N	80°52'27.652"W	420.67	232.977	0.57	0.41	1.52	
2570.00	14.810	222.730	2508.98	147.10	-271.48	-352.40	1675906.53	14300126.24	39°22'46.102"N	80°52'27.863"W	444.84	232.390	0.77	-0.73	0.91	
2704.00	14.310	223.180	2638.68	163.30	-296.13	-375.35	1675883.59	14300101.59	39°22'45.858"N	80°52'28.155"W	478.11	231.728	0.38	-0.37	0.34	WFT EM <8-3/4">(2570')(2689'-6320')



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Area	Tyler County, WV		Well	Rodzina Unit 1H
Field	Tyler		Wellbore	Rodzina Unit 1H AWB
Facility	Dawson Pad			

WELLPATH DATA (189 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
2799.00	17.500	227.770	2730.03	174.70	-314.30	-393.97	1675864.98	14300083.43	39°22'45.679"N	80°52'28.393"W	503.98	231.418	3.61	3.36	4.83	
2894.00	22.100	229.110	2819.39	187.37	-335.61	-418.07	1675840.89	14300062.13	39°22'45.469"N	80°52'28.700"W	536.11	231.244	4.87	4.84	1.41	
2991.00	24.110	230.640	2908.61	201.50	-360.12	-447.18	1675811.79	14300037.63	39°22'45.227"N	80°52'29.071"W	574.16	231.155	2.16	2.07	1.58	
3085.00	25.830	233.890	2993.82	214.66	-384.37	-478.57	1675780.41	14300013.39	39°22'44.988"N	80°52'29.471"W	613.82	231.230	2.34	1.83	3.46	
3180.00	29.170	231.970	3078.08	228.81	-410.84	-513.54	1675745.45	14299986.94	39°22'44.726"N	80°52'29.917"W	657.66	231.340	3.64	3.52	-2.02	
3274.00	32.150	230.620	3158.93	245.55	-440.83	-550.93	1675708.08	14299956.96	39°22'44.431"N	80°52'30.394"W	705.58	231.335	3.25	3.17	-1.44	
3369.00	32.280	229.130	3239.31	264.37	-473.46	-589.65	1675669.38	14299924.34	39°22'44.109"N	80°52'30.887"W	756.21	231.237	0.85	0.14	-1.57	
3464.00	29.910	229.880	3320.65	282.92	-505.33	-626.95	1675632.09	14299892.48	39°22'43.794"N	80°52'31.363"W	805.25	231.131	2.53	-2.49	0.79	
3558.00	29.440	228.660	3402.32	300.67	-535.69	-662.21	1675596.84	14299862.13	39°22'43.495"N	80°52'31.813"W	851.76	231.029	0.81	-0.50	-1.30	
3652.00	31.170	229.580	3483.48	318.87	-566.73	-698.08	1675560.99	14299831.11	39°22'43.188"N	80°52'32.270"W	899.16	230.929	1.91	1.84	0.98	
3747.00	31.000	228.300	3564.84	337.84	-598.94	-735.06	1675524.02	14299798.91	39°22'42.870"N	80°52'32.741"W	948.18	230.826	0.72	-0.18	-1.35	
3841.00	30.430	232.370	3645.66	355.34	-629.58	-772.00	1675487.10	14299768.28	39°22'42.568"N	80°52'33.212"W	996.17	230.802	2.29	-0.61	4.33	
3936.00	31.370	232.520	3727.17	371.43	-659.32	-810.67	1675448.44	14299738.56	39°22'42.275"N	80°52'33.705"W	1044.93	230.879	0.99	0.99	0.16	
4030.00	31.800	231.830	3807.25	387.88	-689.51	-849.56	1675409.57	14299708.38	39°22'41.977"N	80°52'34.201"W	1094.16	230.937	0.60	0.46	-0.73	
4124.00	32.040	233.590	3887.04	404.05	-719.62	-889.10	1675370.05	14299678.28	39°22'41.680"N	80°52'34.705"W	1143.83	231.014	1.02	0.26	1.87	
4219.00	31.250	231.280	3967.91	420.48	-749.99	-928.61	1675330.56	14299647.92	39°22'41.380"N	80°52'35.209"W	1193.65	231.074	1.52	-0.83	-2.43	
4313.00	31.930	230.190	4047.98	438.11	-781.16	-966.73	1675292.45	14299616.77	39°22'41.073"N	80°52'35.695"W	1242.88	231.060	0.94	0.72	-1.16	
4408.00	31.760	231.950	4128.69	455.77	-812.65	-1005.71	1675253.48	14299585.28	39°22'40.762"N	80°52'36.192"W	1293.00	231.061	0.99	-0.18	1.85	
4505.00	32.420	232.470	4210.87	472.96	-844.23	-1046.44	1675212.77	14299553.72	39°22'40.450"N	80°52'36.711"W	1344.52	231.105	0.74	0.68	0.54	
4600.00	31.860	230.580	4291.31	490.38	-875.66	-1086.00	1675173.22	14299522.30	39°22'40.140"N	80°52'37.215"W	1395.06	231.120	1.21	-0.59	-1.99	
4694.00	31.700	232.210	4371.22	507.56	-906.55	-1124.69	1675134.56	14299491.42	39°22'39.835"N	80°52'37.708"W	1444.56	231.130	0.93	-0.17	1.73	
4789.00	31.830	233.820	4451.99	523.58	-936.63	-1164.63	1675094.63	14299461.35	39°22'39.539"N	80°52'38.218"W	1494.54	231.193	0.90	0.14	1.69	
4884.00	31.180	232.260	4532.99	539.45	-966.47	-1204.30	1675054.97	14299431.52	39°22'39.244"N	80°52'38.723"W	1544.15	231.252	1.10	-0.68	-1.64	
4978.00	30.960	230.820	4613.50	556.17	-996.64	-1242.29	1675017.00	14299401.37	39°22'38.947"N	80°52'39.208"W	1592.66	231.261	0.82	-0.23	-1.53	
5073.00	30.370	228.690	4695.22	574.27	-1027.94	-1279.27	1674980.03	14299370.09	39°22'38.638"N	80°52'39.679"W	1641.09	231.217	1.30	-0.62	-2.24	
5167.00	30.300	231.930	4776.36	591.58	-1058.25	-1315.79	1674943.53	14299339.79	39°22'38.339"N	80°52'40.145"W	1688.54	231.191	1.74	-0.07	3.45	
5262.00	31.400	232.150	4857.91	607.97	-1088.21	-1354.20	1674905.13	14299309.84	39°22'38.043"N	80°52'40.634"W	1737.25	231.215	1.16	1.16	0.23	
5357.00	31.210	230.500	4939.08	625.15	-1119.05	-1392.73	1674866.62	14299279.01	39°22'37.739"N	80°52'41.126"W	1786.61	231.218	0.92	-0.20	-1.74	
5451.00	31.420	229.300	5019.39	643.29	-1150.52	-1430.10	1674829.26	14299247.55	39°22'37.428"N	80°52'41.602"W	1835.45	231.183	0.70	0.22	-1.28	
5546.00	31.870	230.830	5100.27	661.66	-1182.51	-1468.32	1674791.06	14299215.57	39°22'37.113"N	80°52'42.089"W	1885.28	231.154	0.97	0.47	1.61	



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5641.00	31.610	233.310	5181.06	678.45	-1213.23	-1507.73	1674751.67	14299184.87	39°22'36.809"N	80°52'42.592"W	1935.24	231.177	1.40	-0.27	2.61	
5736.00	31.320	232.490	5262.10	694.43	-1243.14	-1547.28	1674712.13	14299154.97	39°22'36.514"N	80°52'43.096"W	1984.81	231.220	0.54	-0.31	-0.86	
5830.00	31.120	231.280	5342.48	710.95	-1273.21	-1585.61	1674673.81	14299124.91	39°22'36.218"N	80°52'43.584"W	2033.52	231.236	0.70	-0.21	-1.29	
5925.00	31.080	229.820	5423.83	728.65	-1304.39	-1623.50	1674635.94	14299093.75	39°22'35.910"N	80°52'44.067"W	2082.59	231.220	0.79	-0.04	-1.54	
6019.00	30.590	227.970	5504.54	747.32	-1336.05	-1659.80	1674599.65	14299062.09	39°22'35.597"N	80°52'44.530"W	2130.73	231.168	1.14	-0.52	-1.97	
6114.00	29.900	228.910	5586.61	766.22	-1367.80	-1695.61	1674563.86	14299030.36	39°22'35.284"N	80°52'44.987"W	2178.52	231.108	0.88	-0.73	0.99	
6209.00	30.400	229.170	5668.76	784.60	-1399.08	-1731.64	1674527.84	14298999.09	39°22'34.976"N	80°52'45.446"W	2226.21	231.063	0.54	0.53	0.27	
6304.00	30.530	231.790	5750.65	802.03	-1429.72	-1768.79	1674490.71	14298968.46	39°22'34.673"N	80°52'45.920"W	2274.36	231.051	1.40	0.14	2.76	
6335.00	30.250	232.600	5777.39	807.26	-1439.33	-1781.18	1674478.33	14298958.85	39°22'34.578"N	80°52'46.078"W	2290.04	231.059	1.60	-0.90	2.61	
6408.00	31.700	232.250	5839.98	819.67	-1462.25	-1810.95	1674448.56	14298935.95	39°22'34.352"N	80°52'46.457"W	2327.60	231.081	2.00	1.99	-0.48	BH AT Curve <8-3/4">(6335')(6408'-17011')
6504.00	29.900	232.980	5922.43	835.75	-1492.10	-1850.00	1674409.53	14298906.11	39°22'34.058"N	80°52'46.955"W	2376.73	231.113	1.91	-1.88	0.76	
6598.00	33.710	221.570	6002.38	856.39	-1525.76	-1886.06	1674373.48	14298872.46	39°22'33.725"N	80°52'47.415"W	2425.94	231.028	7.56	4.05	-12.14	
6694.00	38.240	212.260	6080.11	888.67	-1570.87	-1919.64	1674339.92	14298827.37	39°22'33.280"N	80°52'47.843"W	2480.46	230.706	7.39	4.72	-9.70	
6790.00	43.070	203.660	6152.97	931.98	-1626.10	-1948.69	1674310.88	14298772.16	39°22'32.735"N	80°52'48.214"W	2538.03	230.157	7.70	5.03	-8.96	
6885.00	47.730	193.340	6219.75	986.13	-1690.13	-1969.86	1674289.72	14298708.16	39°22'32.102"N	80°52'48.485"W	2595.55	229.371	9.15	4.91	-10.86	
6955.00†	52.078	188.038	6264.84	1032.97	-1742.72	-1979.71	1674279.88	14298655.59	39°22'31.582"N	80°52'48.611"W	2637.48	228.643	8.49	6.21	-7.57	Middlesex: 6955' MD
6981.00	53.750	186.230	6280.52	1051.70	-1763.30	-1982.28	1674277.31	14298635.02	39°22'31.379"N	80°52'48.644"W	2653.04	228.346	8.49	6.43	-6.95	
7076.00	60.540	185.330	6332.03	1124.52	-1842.65	-1990.29	1674269.30	14298555.70	39°22'30.595"N	80°52'48.747"W	2712.30	227.206	7.19	7.15	-0.95	
7170.00	66.140	183.130	6374.20	1202.10	-1926.39	-1996.44	1674263.15	14298471.99	39°22'29.767"N	80°52'48.827"W	2774.30	226.023	6.31	5.96	-2.34	
7194.00†	66.960	181.569	6383.75	1222.70	-1948.39	-1997.34	1674262.25	14298450.00	39°22'29.550"N	80°52'48.839"W	2790.27	225.711	6.88	3.42	-6.50	Burkett: 7194' MD
7265.00	69.470	177.060	6410.11	1285.52	-2014.28	-1996.53	1674263.06	14298384.13	39°22'28.899"N	80°52'48.830"W	2836.10	224.746	6.88	3.54	-6.35	
7288.00†	71.214	175.783	6417.84	1306.47	-2035.90	-1995.18	1674264.41	14298362.52	39°22'28.685"N	80°52'48.813"W	2850.55	224.421	9.21	7.58	-5.55	Tully: 7288' MD
7361.00	76.800	171.890	6437.96	1375.04	-2105.62	-1987.61	1674271.97	14298292.83	39°22'27.996"N	80°52'48.718"W	2895.56	223.349	9.21	7.65	-5.33	
7407.00†	78.424	171.630	6447.82	1419.27	-2150.09	-1981.18	1674278.41	14298248.38	39°22'27.556"N	80°52'48.636"W	2923.68	222.659	3.57	3.53	-0.57	Marcellus POE: 7407' MD
7457.00	80.190	171.350	6457.10	1467.69	-2198.68	-1973.90	1674285.68	14298199.82	39°22'27.076"N	80°52'48.545"W	2954.74	221.917	3.57	3.53	-0.56	
7505.00	80.880	169.420	6465.00	1514.49	-2245.35	-1966.00	1674293.58	14298153.16	39°22'26.614"N	80°52'48.445"W	2984.42	221.205	4.22	1.44	-4.02	
7552.00	84.760	168.250	6470.87	1560.75	-2291.09	-1956.97	1674302.61	14298107.43	39°22'26.162"N	80°52'48.331"W	3013.11	220.503	8.62	8.26	-2.49	
7600.00	90.950	166.860	6472.66	1608.44	-2337.91	-1946.63	1674312.94	14298060.64	39°22'25.699"N	80°52'48.200"W	3042.24	219.782	13.22	12.90	-2.90	
7648.00	90.830	163.900	6471.92	1656.33	-2384.34	-1934.52	1674325.04	14298014.22	39°22'25.240"N	80°52'48.046"W	3070.42	219.054	6.17	-0.25	-6.17	
7743.00	90.490	157.680	6470.82	1751.27	-2474.00	-1903.28	1674356.27	14297924.60	39°22'24.354"N	80°52'47.650"W	3121.40	217.572	6.56	-0.36	-6.55	



Actual Wellpath Report

Rodzina Unit 1H AWP Proj: 17035'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #09
Area	Tyler County, WV	Well	Rodzina Unit 1H
Field	Tyler	Wellbore	Rodzina Unit 1H AWB
Facility	Dawson Pad		

WELLPATH DATA (189 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
7839.00	90.520	155.300	6469.98	1846.86	-2562.02	-1864.99	1674394.55	14297836.61	39°22'23.483"N	80°52'47.164"W	3168.94	216.052	2.48	0.03	-2.48	
7935.00	90.490	156.130	6469.13	1942.33	-2649.53	-1825.51	1674434.01	14297749.15	39°22'22.618"N	80°52'46.663"W	3217.52	214.567	0.87	-0.03	0.86	
8029.00	90.180	156.610	6468.58	2035.92	-2735.64	-1787.83	1674471.67	14297663.06	39°22'21.766"N	80°52'46.184"W	3268.04	213.166	0.61	-0.33	0.51	
8124.00	90.250	157.130	6468.22	2130.58	-2823.00	-1750.51	1674508.98	14297575.74	39°22'20.902"N	80°52'45.711"W	3321.69	211.803	0.55	0.07	0.55	
8220.00	90.280	160.720	6467.78	2226.45	-2912.57	-1716.00	1674543.48	14297486.21	39°22'20.017"N	80°52'45.273"W	3380.49	210.505	3.74	0.03	3.74	
8315.00	89.880	163.520	6467.65	2321.44	-3002.97	-1686.84	1674572.63	14297395.84	39°22'19.123"N	80°52'44.903"W	3444.31	209.324	2.98	-0.42	2.95	
8410.00	89.820	162.590	6467.90	2416.41	-3093.84	-1659.15	1674600.31	14297305.01	39°22'18.224"N	80°52'44.552"W	3510.65	208.203	0.98	-0.06	-0.98	
8504.00	89.750	161.430	6468.25	2510.41	-3183.25	-1630.12	1674629.33	14297215.64	39°22'17.340"N	80°52'44.184"W	3576.36	207.117	1.24	-0.07	-1.23	
8599.00	90.180	164.640	6468.31	2605.37	-3274.10	-1602.40	1674657.03	14297124.82	39°22'16.442"N	80°52'43.832"W	3645.19	206.078	3.41	0.45	3.38	
8694.00	90.710	164.130	6467.57	2700.26	-3365.59	-1576.83	1674682.59	14297033.37	39°22'15.537"N	80°52'43.508"W	3716.66	205.104	0.77	0.56	-0.54	
8789.00	90.310	159.690	6466.72	2795.24	-3455.87	-1547.34	1674712.07	14296943.13	39°22'14.645"N	80°52'43.134"W	3786.46	204.120	4.69	-0.42	-4.67	
8884.00	90.400	159.530	6466.14	2890.17	-3544.91	-1514.24	1674745.15	14296854.12	39°22'13.764"N	80°52'42.714"W	3854.78	203.130	0.19	0.09	-0.17	
8978.00	90.180	161.850	6465.66	2984.15	-3633.62	-1483.16	1674776.22	14296765.45	39°22'12.887"N	80°52'42.320"W	3924.66	202.204	2.48	-0.23	2.47	
9073.00	90.280	161.810	6465.28	3079.15	-3723.88	-1453.54	1674805.84	14296675.22	39°22'11.994"N	80°52'41.945"W	3997.51	201.322	0.11	0.11	-0.04	
9167.00	90.860	162.300	6464.34	3173.14	-3813.30	-1424.58	1674834.78	14296585.83	39°22'11.110"N	80°52'41.577"W	4070.71	200.485	0.81	0.62	0.52	
9263.00	90.740	165.230	6463.00	3269.06	-3905.46	-1397.74	1674861.61	14296493.72	39°22'10.199"N	80°52'41.237"W	4148.04	199.692	3.05	-0.13	3.05	
9359.00	91.230	163.230	6461.35	3364.95	-3997.82	-1371.66	1674887.68	14296401.39	39°22'09.286"N	80°52'40.907"W	4226.59	198.937	2.14	0.51	-2.08	
9453.00	90.460	162.520	6459.97	3458.91	-4087.65	-1343.98	1674915.35	14296311.60	39°22'08.398"N	80°52'40.556"W	4302.92	198.200	1.11	-0.82	-0.76	
9548.00	90.340	162.450	6459.30	3553.90	-4178.24	-1315.39	1674943.93	14296221.04	39°22'07.502"N	80°52'40.193"W	4380.40	197.475	0.15	-0.13	-0.07	
9644.00	90.550	162.070	6458.56	3649.90	-4269.67	-1286.14	1674973.16	14296129.65	39°22'06.598"N	80°52'39.823"W	4459.18	196.764	0.45	0.22	-0.40	
9739.00	90.460	161.510	6457.72	3744.89	-4359.91	-1256.45	1675002.84	14296039.45	39°22'05.706"N	80°52'39.446"W	4537.34	196.076	0.60	-0.09	-0.59	
9833.00	90.280	162.520	6457.11	3838.89	-4449.31	-1227.43	1675031.85	14295950.08	39°22'04.822"N	80°52'39.078"W	4615.51	195.423	1.09	-0.19	1.07	
9929.00	90.340	162.580	6456.59	3934.87	-4540.89	-1198.64	1675060.63	14295858.54	39°22'03.916"N	80°52'38.713"W	4696.43	194.787	0.09	0.06	0.06	
10024.00	90.400	161.970	6455.98	4029.87	-4631.38	-1169.72	1675089.54	14295768.08	39°22'03.021"N	80°52'38.346"W	4776.81	194.174	0.65	0.06	-0.64	
10120.00	90.400	161.870	6455.31	4125.86	-4722.64	-1139.93	1675119.32	14295676.86	39°22'02.119"N	80°52'37.969"W	4858.27	193.570	0.10	0.00	-0.10	
10215.00	90.550	162.800	6454.52	4220.85	-4813.16	-1111.10	1675148.13	14295586.38	39°22'01.224"N	80°52'37.603"W	4939.74	192.999	0.99	0.16	0.98	
10310.00	90.770	162.550	6453.43	4315.83	-4903.84	-1082.82	1675176.41	14295495.73	39°22'00.327"N	80°52'37.245"W	5021.96	192.452	0.35	0.23	-0.26	
10405.00	90.220	162.510	6452.61	4410.82	-4994.45	-1054.30	1675204.92	14295405.16	39°21'59.431"N	80°52'36.883"W	5104.52	191.920	0.58	-0.58	-0.04	
10501.00	90.060	161.000	6452.37	4506.82	-5085.62	-1024.24	1675234.96	14295314.02	39°21'58.530"N	80°52'36.502"W	5187.74	191.387	1.58	-0.17	-1.57	
10596.00	90.060	161.020	6452.27	4601.81	-5175.45	-993.33	1675265.86	14295224.23	39°21'57.642"N	80°52'36.110"W	5269.92	190.865	0.02	0.00	0.02	



Actual Wellpath Report

Rodzina Unit 1H AWP Proj: 17035'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #09
Area	Tyler County, WV	Well	Rodzina Unit 1H
Field	Tyler	Wellbore	Rodzina Unit 1H AWB
Facility	Dawson Pad		

WELLPATH DATA (189 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
10692.00	90.250	163.130	6452.01	4697.80	-5266.79	-963.78	1675295.39	14295132.93	39°21'56.738"N	80°52'35.735"W	5354.25	190.370	2.21	0.20	2.20	
10788.00	90.430	163.050	6451.44	4793.77	-5358.64	-935.86	1675323.30	14295041.12	39°21'55.830"N	80°52'35.381"W	5439.74	189.907	0.21	0.19	-0.08	
10885.00	90.340	163.020	6450.79	4890.74	-5451.41	-907.56	1675351.59	14294948.38	39°21'54.913"N	80°52'35.023"W	5526.44	189.452	0.10	-0.09	-0.03	
10979.00	90.120	162.740	6450.41	4984.72	-5541.25	-879.89	1675379.25	14294858.58	39°21'54.025"N	80°52'34.672"W	5610.67	189.023	0.38	-0.23	-0.30	
11074.00	90.180	162.140	6450.17	5079.71	-5631.82	-851.23	1675407.90	14294768.05	39°21'53.129"N	80°52'34.309"W	5695.79	188.595	0.63	0.06	-0.63	
11169.00	89.820	161.440	6450.17	5174.71	-5722.06	-821.54	1675437.58	14294677.84	39°21'52.237"N	80°52'33.932"W	5780.74	188.170	0.83	-0.38	-0.74	
11264.00	90.000	162.420	6450.31	5269.71	-5812.37	-792.07	1675467.04	14294587.56	39°21'51.344"N	80°52'33.559"W	5866.09	187.760	1.05	0.19	1.03	
11359.00	90.060	162.830	6450.26	5364.70	-5903.00	-763.70	1675495.39	14294496.94	39°21'50.447"N	80°52'33.199"W	5952.24	187.372	0.44	0.06	0.43	
11454.00	90.620	162.880	6449.70	5459.68	-5993.82	-735.70	1675523.39	14294406.20	39°21'49.550"N	80°52'32.844"W	6038.80	186.998	0.59	0.59	0.05	
11549.00	90.400	162.700	6448.86	5554.66	-6084.56	-707.59	1675551.48	14294315.49	39°21'48.653"N	80°52'32.488"W	6125.56	186.633	0.30	-0.23	-0.19	
11643.00	90.740	163.140	6447.92	5648.63	-6174.41	-679.98	1675579.08	14294225.68	39°21'47.764"N	80°52'32.138"W	6211.74	186.285	0.59	0.36	0.47	
11738.00	90.920	163.100	6446.54	5743.59	-6265.30	-652.40	1675606.65	14294134.81	39°21'46.865"N	80°52'31.788"W	6299.18	185.945	0.19	0.19	-0.04	
11832.00	90.710	160.590	6445.21	5837.57	-6354.61	-623.12	1675635.92	14294045.55	39°21'45.982"N	80°52'31.417"W	6385.09	185.600	2.68	-0.22	-2.67	
11928.00	90.650	160.200	6444.07	5933.54	-6445.04	-590.91	1675668.12	14293955.15	39°21'45.088"N	80°52'31.009"W	6472.07	185.238	0.41	-0.06	-0.41	
12023.00	90.430	160.200	6443.17	6028.50	-6534.42	-558.73	1675700.28	14293865.81	39°21'44.204"N	80°52'30.600"W	6558.26	184.887	0.23	-0.23	0.00	
12120.00	90.430	160.410	6442.44	6125.47	-6625.74	-526.04	1675732.96	14293774.52	39°21'43.301"N	80°52'30.186"W	6646.59	184.539	0.22	0.00	0.22	
12214.00	90.490	160.310	6441.69	6219.44	-6714.27	-494.45	1675764.54	14293686.03	39°21'42.426"N	80°52'29.785"W	6732.45	184.212	0.12	0.06	-0.11	
12309.00	90.650	160.580	6440.74	6314.42	-6803.78	-462.65	1675796.32	14293596.55	39°21'41.541"N	80°52'29.382"W	6819.50	183.890	0.33	0.17	0.28	
12404.00	90.520	160.880	6439.77	6409.40	-6893.46	-431.30	1675827.66	14293506.91	39°21'40.654"N	80°52'28.984"W	6906.94	183.580	0.34	-0.14	0.32	
12500.00	90.180	158.900	6439.19	6505.34	-6983.60	-398.30	1675860.65	14293416.81	39°21'39.763"N	80°52'28.566"W	6994.95	183.264	2.09	-0.35	-2.06	
12595.00	90.090	159.890	6438.96	6600.27	-7072.52	-364.86	1675894.07	14293327.92	39°21'38.883"N	80°52'28.142"W	7081.92	182.953	1.05	-0.09	1.04	
12691.00	90.520	160.980	6438.45	6696.24	-7162.97	-332.72	1675926.21	14293237.51	39°21'37.989"N	80°52'27.734"W	7170.70	182.659	1.22	0.45	1.14	
12786.00	90.250	160.590	6437.81	6791.22	-7252.68	-301.45	1675957.46	14293147.84	39°21'37.102"N	80°52'27.338"W	7258.94	182.380	0.50	-0.28	-0.41	
12882.00	90.710	161.440	6437.01	6887.21	-7343.45	-270.22	1675988.67	14293057.10	39°21'36.204"N	80°52'26.942"W	7348.42	182.107	1.01	0.48	0.89	
12977.00	91.880	160.930	6434.86	6982.18	-7433.35	-239.59	1676019.29	14292967.24	39°21'35.315"N	80°52'26.553"W	7437.21	181.846	1.34	1.23	-0.54	
13071.00	91.050	159.850	6432.46	7076.13	-7521.87	-208.06	1676050.82	14292878.75	39°21'34.440"N	80°52'26.153"W	7524.75	181.584	1.45	-0.88	-1.15	
13167.00	90.650	161.140	6431.04	7172.09	-7612.35	-176.01	1676082.85	14292788.31	39°21'33.545"N	80°52'25.747"W	7614.38	181.325	1.41	-0.42	1.34	
13262.00	90.710	161.360	6429.91	7267.08	-7702.30	-145.47	1676113.38	14292698.40	39°21'32.656"N	80°52'25.360"W	7703.67	181.082	0.24	0.06	0.23	
13358.00	91.050	162.010	6428.43	7363.07	-7793.42	-115.31	1676143.53	14292607.31	39°21'31.755"N	80°52'24.977"W	7794.28	180.848	0.76	0.35	0.68	
13454.00	90.060	163.760	6427.50	7459.04	-7885.16	-87.06	1676171.76	14292515.60	39°21'30.848"N	80°52'24.619"W	7885.64	180.633	2.09	-1.03	1.82	



Actual Wellpath Report

Rodzina Unit 1H AWP Proj: 17035'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #09
Area	Tyler County, WV	Well	Rodzina Unit 1H
Field	Tyler	Wellbore	Rodzina Unit 1H AWB
Facility	Dawson Pad		

WELLPATH DATA (189 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	91.420	160.330	6426.29	7553.01	-7974.56	-58.09	1676200.72	14292426.24	39°21'29.964"N	80°52'24.252"W	7974.78	180.417	3.92	1.45	-3.65	
13642.00	90.710	161.800	6424.54	7646.99	-8063.46	-27.59	1676231.21	14292337.38	39°21'29.085"N	80°52'23.865"W	8063.51	180.196	1.74	-0.76	1.56	
13738.00	89.820	162.280	6424.10	7742.98	-8154.78	2.01	1676260.80	14292246.10	39°21'28.182"N	80°52'23.490"W	8154.78	179.986	1.05	-0.93	0.50	
13833.00	89.880	162.550	6424.35	7837.98	-8245.34	30.71	1676289.49	14292155.57	39°21'27.286"N	80°52'23.126"W	8245.40	179.787	0.29	0.06	0.28	
13928.00	89.940	163.610	6424.50	7932.95	-8336.23	58.36	1676317.12	14292064.72	39°21'26.387"N	80°52'22.776"W	8336.43	179.599	1.12	0.06	1.12	
14023.00	89.320	162.890	6425.11	8027.91	-8427.19	85.73	1676344.49	14291973.79	39°21'25.488"N	80°52'22.429"W	8427.63	179.417	1.00	-0.65	-0.76	
14119.00	89.880	162.300	6425.78	8123.90	-8518.79	114.45	1676373.19	14291882.23	39°21'24.582"N	80°52'22.065"W	8519.56	179.230	0.85	0.58	-0.61	
14214.00	89.320	161.820	6426.44	8218.89	-8609.17	143.71	1676402.44	14291791.89	39°21'23.689"N	80°52'21.694"W	8610.37	179.044	0.78	-0.59	-0.51	
14309.00	89.850	162.430	6427.13	8313.88	-8699.58	172.87	1676431.59	14291701.51	39°21'22.795"N	80°52'21.325"W	8701.30	178.862	0.85	0.56	0.64	
14405.00	89.820	161.810	6427.41	8409.88	-8790.94	202.34	1676461.05	14291610.19	39°21'21.891"N	80°52'20.951"W	8793.27	178.681	0.65	-0.03	-0.65	
14501.00	89.850	161.810	6427.68	8505.88	-8882.15	232.31	1676491.01	14291519.02	39°21'20.989"N	80°52'20.571"W	8885.18	178.502	0.03	0.03	0.00	
14596.00	89.780	162.040	6427.99	8600.88	-8972.46	261.78	1676520.47	14291428.75	39°21'20.096"N	80°52'20.198"W	8976.28	178.329	0.25	-0.07	0.24	
14691.00	89.910	162.200	6428.25	8695.88	-9062.87	290.95	1676549.63	14291338.37	39°21'19.202"N	80°52'19.828"W	9067.54	178.161	0.22	0.14	0.17	
14786.00	89.690	160.520	6428.58	8790.87	-9152.88	321.31	1676579.98	14291248.39	39°21'18.312"N	80°52'19.443"W	9158.52	177.989	1.78	-0.23	-1.77	
14881.00	89.350	159.660	6429.38	8885.83	-9242.20	353.66	1676612.31	14291159.11	39°21'17.429"N	80°52'19.033"W	9248.96	177.809	0.97	-0.36	-0.91	
14977.00	89.780	160.770	6430.10	8981.79	-9332.53	386.16	1676644.79	14291068.82	39°21'16.536"N	80°52'18.621"W	9340.51	177.631	1.24	0.45	1.16	
15072.00	89.970	160.870	6430.31	9076.78	-9422.26	417.37	1676675.99	14290979.13	39°21'15.649"N	80°52'18.225"W	9431.49	177.464	0.23	0.20	0.11	
15167.00	89.910	160.530	6430.41	9171.77	-9511.92	448.77	1676707.38	14290889.50	39°21'14.762"N	80°52'17.827"W	9522.50	177.299	0.36	-0.06	-0.36	
15261.00	89.880	160.730	6430.58	9265.75	-9600.60	479.95	1676738.54	14290800.86	39°21'13.885"N	80°52'17.432"W	9612.58	177.138	0.22	-0.03	0.21	
15356.00	89.910	161.400	6430.76	9360.74	-9690.45	510.77	1676769.36	14290711.04	39°21'12.996"N	80°52'17.041"W	9703.91	176.983	0.71	0.03	0.71	
15452.00	89.450	160.810	6431.29	9456.74	-9781.28	541.86	1676800.43	14290620.25	39°21'12.098"N	80°52'16.647"W	9796.28	176.829	0.78	-0.48	-0.61	
15546.00	89.380	160.610	6432.25	9550.72	-9870.00	572.91	1676831.47	14290531.57	39°21'11.221"N	80°52'16.253"W	9886.61	176.678	0.23	-0.07	-0.21	
15641.00	89.420	161.010	6433.25	9645.70	-9959.71	604.14	1676862.68	14290441.89	39°21'10.334"N	80°52'15.857"W	9978.02	176.529	0.42	0.04	0.42	
15737.00	89.450	161.370	6434.20	9741.69	-10050.58	635.09	1676893.62	14290351.05	39°21'09.435"N	80°52'15.465"W	10070.63	176.384	0.38	0.03	0.38	
15832.00	90.650	162.520	6434.11	9836.69	-10140.90	664.53	1676923.05	14290260.77	39°21'08.542"N	80°52'15.092"W	10162.65	176.251	1.75	1.26	1.21	
15927.00	90.310	162.510	6433.32	9931.67	-10231.51	693.07	1676951.58	14290170.20	39°21'07.646"N	80°52'14.730"W	10254.95	176.125	0.36	-0.36	-0.01	
16022.00	90.430	161.970	6432.70	10026.67	-10321.98	722.05	1676980.55	14290079.77	39°21'06.752"N	80°52'14.363"W	10347.20	175.999	0.58	0.13	-0.57	
16118.00	90.370	162.400	6432.03	10122.66	-10413.37	751.42	1677009.91	14289988.41	39°21'05.848"N	80°52'13.991"W	10440.45	175.873	0.45	-0.06	0.45	
16213.00	90.370	163.340	6431.42	10217.64	-10504.16	779.40	1677037.88	14289897.66	39°21'04.950"N	80°52'13.636"W	10533.03	175.756	0.99	0.00	0.99	
16308.00	90.090	163.330	6431.04	10312.60	-10595.16	806.64	1677065.11	14289806.69	39°21'04.050"N	80°52'13.291"W	10625.83	175.646	0.29	-0.29	-0.01	



Actual Wellpath Report

Rodzina Unit 1H AWP Proj: 17035'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #09
Area	Tyler County, WV	Well	Rodzina Unit 1H
Field	Tyler	Wellbore	Rodzina Unit 1H AWB
Facility	Dawson Pad		

WELLPATH DATA (189 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
16403.00	90.250	163.490	6430.76	10407.56	-10686.21	833.77	1677092.22	14289715.68	39°21'03.150"N	80°52'12.948"W	10718.69	175.539	0.24	0.17	0.17	
16498.00	90.090	162.950	6430.47	10502.52	-10777.16	861.19	1677119.64	14289624.76	39°21'02.251"N	80°52'12.600"W	10811.52	175.431	0.59	-0.17	-0.57	
16594.00	89.750	163.520	6430.61	10598.49	-10869.08	888.88	1677147.32	14289532.88	39°21'01.342"N	80°52'12.249"W	10905.37	175.325	0.69	-0.35	0.59	
16689.00	89.820	162.890	6430.96	10693.45	-10960.03	916.33	1677174.76	14289441.97	39°21'00.443"N	80°52'11.901"W	10998.27	175.221	0.67	0.07	-0.66	
16785.00	89.940	161.480	6431.17	10789.45	-11051.42	945.70	1677204.11	14289350.61	39°20'59.539"N	80°52'11.529"W	11091.81	175.109	1.47	0.12	-1.47	
16880.00	89.720	159.830	6431.45	10884.43	-11141.06	977.17	1677235.57	14289261.02	39°20'58.653"N	80°52'11.130"W	11183.83	174.987	1.75	-0.23	-1.74	
16974.00	89.820	158.350	6431.82	10978.33	-11228.86	1010.72	1677269.10	14289173.25	39°20'57.784"N	80°52'10.705"W	11274.26	174.857	1.58	0.11	-1.57	
17011.00	89.690	157.670	6431.98	11015.25	-11263.17	1024.57	1677282.95	14289138.95	39°20'57.445"N	80°52'10.529"W	11309.67	174.802	1.87	-0.35	-1.84	
17035.00	89.690	157.670	6432.11	11039.19	-11285.37	1033.69	1677292.07	14289116.76	39°20'57.226"N	80°52'10.414"W	11332.61	174.767	0.00	0.00	0.00	Projected MD at TD: 17035'

HOLE & CASING SECTIONS - Ref Wellbore: Rodzina Unit 1H AWB Ref Wellpath: Rodzina Unit 1H AWP Proj: 17035'

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
20in Conductor	30.00	110.00	80.00	30.00	110.00	0.00	0.00	0.07	0.46
17.5in Open Hole	110.00	594.00	484.00	110.00	593.99	0.07	0.46	0.50	3.11
13.375in Casing Surface	30.00	594.00	564.00	30.00	593.99	0.00	0.00	0.50	3.11
12.25in Open Hole	594.00	2659.00	2065.00	593.99	2595.09	0.50	3.11	-287.97	-367.71
9.625in Casing Intermediate	30.00	2659.00	2629.00	30.00	2595.09	0.00	0.00	-287.97	-367.71
8.75in Open Hole	2659.00	6410.00	3751.00	2595.09	5841.68	-287.97	-367.71	-1462.89	-1811.78
8.5in Open Hole	6410.00	17035.00	10625.00	5841.68	6432.11	-1462.89	-1811.78	-11285.37	1033.69
5.5in Casing Production	30.00	17035.00	17005.00	30.00	6432.11	0.00	0.00	-11285.37	1033.69



Actual Wellpath Report

Rodzina Unit 1H AWP Proj: 17035'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #09
Area	Tyler County, WV	Well	Rodzina Unit 1H
Field	Tyler	Wellbore	Rodzina Unit 1H AWB
Facility	Dawson Pad		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Rodzina Unit 1H - POE - Rev-2	6442.00	-2066.59	-1974.56	1674285.02	14298331.85	39°22'28.381"N	80°52'48.551"W	point
Rodzina Unit 1H - BHL - Rev-2	6466.00	-11260.32	1016.74	1677275.12	14289141.80	39°20'57.473"N	80°52'10.629"W	point
Rodzina Unit 1H - LP - Rev-2	6466.00	-2247.64	-1942.63	1674316.94	14298150.87	39°22'26.591"N	80°52'48.147"W	point

WELLPATH COMPOSITION - Ref Wellbore: Rodzina Unit 1H AWB Ref Wellpath: Rodzina Unit 1H AWP Proj: 17035'				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
30.00	567.00	Gyrodata standard - Drop gyro or Multi-shot	01_Gyrodata MS Gyro <17-1/2'>(100'-552')	Rodzina Unit 1H AWB
567.00	2570.00	OWSG MWD rev2 + HRGM	02_WFT EM <12-1/4'>(567')(641'-2555')	Rodzina Unit 1H AWB
2570.00	6335.00	OWSG MWD rev2 + HRGM	03_WFT EM <8-3/4'>(2570')(2689'-6320')	Rodzina Unit 1H AWB
6335.00	17011.00	BHI AutoTrak Curve (Short)	04_BH AT Curve <8-3/4'>(6335')(6408'-17011')	Rodzina Unit 1H AWB
17011.00	17035.00	Blind Drilling (std)	Projection to bit	Rodzina Unit 1H AWB



Actual Wellpath Report

Rodzina Unit 1H AWP Proj: 17035'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Slot	Slot #09
Area	Tyler County, WV	Well	Rodzina Unit 1H
Field	Tyler	Wellbore	Rodzina Unit 1H AWB
Facility	Dawson Pad		

COMMENTS
<p>Wellpath general comments API: 47-095-02585-0000 BHI Job #: 109907754 Rig: H&P 317 Duration: 07/16/2019-07/19/2019 Gyrodata MS Gyro <17-1/2">(100'-552') WFT EM <12-1/4">(567')(641'-2555') WFT EM <8-3/4">(2570')(2689'-6320') BH AT Curve <8-3/4">(6335')(6408'-17011') Middlesex: 6955' MD Burkett: 7194' MD Tully: 7288' MD Marcellus POE: 7407' MD Projected MD at TD: 17035'</p>