



Actual Wellpath Report

Sisterville Unit 2H AWP Proj: 17857'
Page 1 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Sisterville Unit 2H
Field	Tyler	API	47-095-02619-0000
Facility	State Ridge Pad	Wellbore	Sisterville Unit 2H AWB
Slot	Slot #04		

REPORT SETUP INFORMATION			
Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Delaset
Scale	0.999601	Report Generated	2/7/2020 at 2:11:49 PM
Convergence at slot	0.08° 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	0.00	0.00	1675818.95	14347063.09	39°30'30.1867"N	80°52'28.1461"W
Facility Reference Pt			1675818.95	14347063.09	39°30'30.1867"N	80°52'28.1461"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	25.50ft
Horizontal Reference Pt	Slot	H&P 317 (RKB) to Mean Sea Level	1089.50ft
Vertical Reference Pt	H&P 317 (RKB)	H&P 317 (RKB) to Ground Level at Slot (Slot #04)	25.50ft
MD Reference Pt	H&P 317 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	341.09°

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Page 2 of 11



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WELLPATH DATA (204 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	355.690	0.00	0.00	0.00	0.00	1675818.95	14347063.09	39°30'30.1867"N	80°52'28.1461"W	0.00	0.000	0.00	0.00	0.00	
25.50	0.000	355.690	25.50	0.00	0.00	0.00	1675818.95	14347063.09	39°30'30.1867"N	80°52'28.1461"W	0.00	0.000	0.00	0.00	0.00	
110.50	0.070	355.690	110.50	0.05	0.05	0.00	1675818.95	14347063.14	39°30'30.1872"N	80°52'28.1462"W	0.05	355.690	0.08	0.08	0.00	Gyrodata MS Gyro <17-1/2">(100'-280')
135.50	0.020	126.600	135.50	0.07	0.07	0.00	1675818.95	14347063.16	39°30'30.1874"N	80°52'28.1462"W	0.07	356.709	0.20	-0.20	67.64	
160.50	0.020	341.700	160.50	0.08	0.08	0.00	1675818.95	14347063.17	39°30'30.1874"N	80°52'28.1462"W	0.08	356.755	0.04	0.00	-123.60	
185.50	0.020	113.700	185.50	0.08	0.08	0.00	1675818.95	14347063.17	39°30'30.1875"N	80°52'28.1462"W	0.08	358.680	0.15	0.00	528.00	
210.50	0.070	339.160	210.50	0.09	0.09	0.00	1675818.95	14347063.18	39°30'30.1876"N	80°52'28.1462"W	0.09	357.984	0.34	0.20	-538.16	
235.50	0.020	259.300	235.50	0.11	0.11	-0.01	1675818.94	14347063.20	39°30'30.1877"N	80°52'28.1463"W	0.11	353.113	0.28	-0.20	-319.44	
260.50	0.070	80.580	260.50	0.10	0.11	0.00	1675818.95	14347063.20	39°30'30.1877"N	80°52'28.1462"W	0.11	358.814	0.36	0.20	-714.88	
285.50	0.060	86.100	285.50	0.10	0.11	0.03	1675818.98	14347063.20	39°30'30.1878"N	80°52'28.1458"W	0.12	12.875	0.05	-0.04	22.08	
290.50	0.060	99.890	290.50	0.10	0.11	0.03	1675818.98	14347063.20	39°30'30.1878"N	80°52'28.1457"W	0.12	15.383	0.29	0.00	275.80	
420.50	0.460	322.050	420.50	0.56	0.51	-0.22	1675818.73	14347063.60	39°30'30.1917"N	80°52'28.1490"W	0.56	336.508	0.39	0.31	-106.03	Gyrodata MS Gyro <12-1/4">(280')(410'-626')
543.50	0.870	304.910	543.49	1.78	1.44	-1.29	1675817.66	14347064.53	39°30'30.2009"N	80°52'28.1626"W	1.93	318.024	0.37	0.33	-13.93	
636.50	1.210	319.330	636.47	3.26	2.59	-2.51	1675816.44	14347065.67	39°30'30.2122"N	80°52'28.1781"W	3.60	315.833	0.46	0.37	15.51	
755.50	2.800	27.630	755.41	6.43	6.11	-1.98	1675816.97	14347069.20	39°30'30.2471"N	80°52'28.1713"W	6.43	342.039	2.19	1.34	57.39	WFT EM <12-1/4">(626')(745'-2636')
846.50	5.160	49.750	846.19	9.44	10.73	2.17	1675821.12	14347073.81	39°30'30.2927"N	80°52'28.1182"W	10.95	11.450	3.05	2.59	24.31	
942.50	7.610	65.020	941.59	11.69	16.20	11.23	1675830.18	14347079.29	39°30'30.3466"N	80°52'28.0026"W	19.72	34.729	3.08	2.55	15.91	
1037.50	10.000	66.430	1035.47	13.02	22.16	24.50	1675843.44	14347085.24	39°30'30.4053"N	80°52'27.8332"W	33.03	47.868	2.53	2.52	1.48	
1131.50	12.490	65.520	1127.66	14.67	29.64	41.23	1675860.16	14347092.71	39°30'30.4790"N	80°52'27.6196"W	50.78	54.292	2.66	2.65	-0.97	
1226.50	15.100	60.900	1219.91	17.86	39.91	61.40	1675880.32	14347102.99	39°30'30.5803"N	80°52'27.3621"W	73.23	56.973	2.98	2.75	-4.86	
1320.50	18.630	58.470	1309.85	23.31	53.72	84.90	1675903.82	14347116.79	39°30'30.7164"N	80°52'27.0620"W	100.47	57.675	3.83	3.76	-2.59	
1415.50	21.870	57.020	1398.97	30.93	71.29	112.68	1675931.59	14347134.36	39°30'30.8897"N	80°52'26.7072"W	133.34	57.679	3.45	3.41	-1.53	
1510.50	24.190	58.370	1486.39	39.52	91.14	144.10	1675963.00	14347154.19	39°30'31.0854"N	80°52'26.3060"W	170.50	57.689	2.50	2.44	1.42	
1604.50	25.870	56.780	1571.56	48.83	112.47	177.66	1675996.54	14347175.52	39°30'31.2958"N	80°52'25.8775"W	210.27	57.663	1.93	1.79	-1.69	
1699.50	25.980	54.960	1657.01	59.73	135.78	212.04	1676030.90	14347198.81	39°30'31.5256"N	80°52'25.4385"W	251.78	57.367	0.85	0.12	-1.92	
1793.50	25.810	53.250	1741.57	71.72	159.84	245.29	1676064.14	14347222.87	39°30'31.7630"N	80°52'25.0138"W	292.77	56.910	0.81	-0.18	-1.82	
1888.50	26.150	55.090	1826.97	83.83	184.19	279.03	1676097.87	14347247.21	39°30'32.0033"N	80°52'24.5829"W	334.34	56.570	0.92	0.36	1.94	
1983.50	25.410	55.470	1912.51	95.08	207.73	312.99	1676131.81	14347270.74	39°30'32.2354"N	80°52'24.1492"W	375.65	56.428	0.80	-0.78	0.40	
2077.50	26.500	59.410	1997.04	104.76	229.83	347.66	1676166.47	14347292.83	39°30'32.4534"N	80°52'23.7065"W	416.76	56.531	2.17	1.16	4.19	
2172.50	29.100	62.340	2081.07	112.57	251.35	386.37	1676205.17	14347314.34	39°30'32.6655"N	80°52'23.2122"W	460.93	56.954	3.09	2.74	3.08	

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Page 3 of 11



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Field	Tyler	API	47-095-02619-0000
Facility	State Ridge Pad	Wellbore	Sisterville Unit 2H AWB
Slot	Slot #04		

WELLPATH DATA (204 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
2266.50	29.020	61.040	2163.24	120.02	273.00	426.57	1676245.35	14347335.98	39°30'32.8789"N	80°52'22.6990"W	506.45	57.381	0.68	-0.09	-1.38	
2361.50	28.080	58.840	2246.69	128.79	295.73	465.86	1676284.63	14347358.70	39°30'33.1030"N	80°52'22.1972"W	551.80	57.593	1.48	-0.99	-2.32	
2455.50	27.040	56.210	2330.02	138.97	319.06	502.55	1676321.30	14347382.02	39°30'33.3331"N	80°52'21.7287"W	595.28	57.590	1.70	-1.11	-2.80	
2550.50	26.870	53.480	2414.71	151.01	343.85	537.76	1676356.49	14347406.80	39°30'33.5775"N	80°52'21.2791"W	638.29	57.405	1.31	-0.18	-2.87	
2646.50	27.610	51.620	2500.06	164.99	370.57	572.63	1676391.35	14347433.51	39°30'33.8412"N	80°52'20.8337"W	682.08	57.092	1.17	0.77	-1.94	
2783.50	24.460	45.900	2623.16	187.65	410.03	617.90	1676436.61	14347472.96	39°30'34.2306"N	80°52'20.2553"W	741.57	56.432	2.94	-2.30	-4.18	WFT EM <8-3/4">(2636')(2773'-6472')
2878.50	23.740	49.120	2709.88	203.18	436.24	646.49	1676465.18	14347499.15	39°30'34.4892"N	80°52'19.8902"W	779.90	55.989	1.58	-0.76	3.39	
2975.50	24.530	55.330	2798.42	215.96	460.48	677.82	1676496.49	14347523.38	39°30'34.7283"N	80°52'19.4900"W	819.43	55.810	2.74	0.81	6.40	
3070.50	26.100	59.730	2884.30	225.43	482.23	712.09	1676530.75	14347545.13	39°30'34.9428"N	80°52'19.0524"W	860.01	55.894	2.58	1.65	4.63	
3164.50	28.120	61.130	2967.97	233.33	503.35	749.35	1676568.00	14347566.24	39°30'35.1510"N	80°52'18.5766"W	902.71	56.110	2.25	2.15	1.49	
3259.50	28.150	60.800	3051.75	241.21	525.09	788.52	1676607.15	14347587.97	39°30'35.3653"N	80°52'18.0765"W	947.36	56.339	0.17	0.03	-0.35	
3353.50	28.060	59.680	3134.66	249.54	547.07	826.96	1676645.58	14347609.94	39°30'35.5820"N	80°52'17.5856"W	991.54	56.513	0.57	-0.10	-1.19	
3448.50	28.760	59.010	3218.22	258.75	570.12	865.84	1676684.44	14347632.98	39°30'35.8093"N	80°52'17.0892"W	1036.68	56.637	0.81	0.74	-0.71	
3542.50	28.920	57.770	3300.56	268.72	593.89	904.45	1676723.04	14347656.74	39°30'36.0436"N	80°52'16.5961"W	1082.00	56.710	0.66	0.17	-1.32	
3637.50	28.650	56.050	3383.82	279.92	618.86	942.77	1676761.35	14347681.70	39°30'36.2898"N	80°52'16.1067"W	1127.74	56.718	0.92	-0.28	-1.81	
3732.50	27.260	55.700	3467.74	291.60	643.84	979.64	1676798.20	14347706.67	39°30'36.5362"N	80°52'15.6359"W	1172.27	56.686	1.47	-1.46	-0.37	
3826.50	26.580	55.860	3551.55	302.84	667.77	1014.83	1676833.37	14347730.59	39°30'36.7723"N	80°52'15.1864"W	1214.82	56.655	0.73	-0.72	0.17	
3921.50	25.970	55.780	3636.74	313.92	691.40	1049.62	1676868.15	14347754.21	39°30'37.0053"N	80°52'14.7421"W	1256.87	56.627	0.64	-0.64	-0.08	
4016.50	25.280	55.220	3722.39	324.96	714.66	1083.48	1676902.00	14347777.47	39°30'37.2348"N	80°52'14.3097"W	1297.95	56.591	0.77	-0.73	-0.59	
4110.50	25.250	54.300	3807.40	336.23	737.81	1116.25	1676934.75	14347800.61	39°30'37.4631"N	80°52'13.8912"W	1338.05	56.536	0.42	-0.03	-0.98	
4205.50	24.780	52.920	3893.49	348.30	761.64	1148.59	1676967.08	14347824.42	39°30'37.6981"N	80°52'13.4782"W	1378.17	56.451	0.79	-0.49	-1.45	
4299.50	24.730	52.730	3978.85	360.63	785.42	1179.95	1676998.43	14347848.20	39°30'37.9327"N	80°52'13.0776"W	1417.45	56.351	0.10	-0.05	-0.20	
4398.50	25.270	53.950	4068.58	373.38	810.40	1213.51	1677031.98	14347873.17	39°30'38.1791"N	80°52'12.6489"W	1459.23	56.264	0.75	0.55	1.23	
4493.50	25.470	55.040	4154.41	385.01	834.04	1246.65	1677065.10	14347896.79	39°30'38.4122"N	80°52'12.2257"W	1499.92	56.217	0.53	0.21	1.15	
4587.50	25.560	56.630	4239.25	395.66	856.77	1280.15	1677098.59	14347919.52	39°30'38.6365"N	80°52'11.7979"W	1540.40	56.207	0.73	0.10	1.69	
4682.50	26.470	56.640	4324.62	406.06	879.69	1314.95	1677133.37	14347942.43	39°30'38.8625"N	80°52'11.3534"W	1582.07	56.218	0.96	0.96	0.01	
4776.50	27.030	55.860	4408.56	416.90	903.20	1350.12	1677168.53	14347965.92	39°30'39.0943"N	80°52'10.9042"W	1624.38	56.219	0.70	0.60	-0.83	
4871.50	26.800	55.940	4493.27	428.17	927.31	1385.73	1677204.13	14347990.02	39°30'39.3321"N	80°52'10.4494"W	1667.38	56.210	0.25	-0.24	0.08	
4965.50	26.330	56.510	4577.35	438.95	950.68	1420.68	1677239.06	14348013.39	39°30'39.5626"N	80°52'10.0032"W	1709.42	56.211	0.57	-0.50	0.61	
5060.50	26.680	57.320	4662.36	449.33	973.82	1456.20	1677274.57	14348036.52	39°30'39.7908"N	80°52'9.5495"W	1751.81	56.228	0.53	0.37	0.85	

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Sisterville Unit 2H AWP Proj: 17857'
Page 4 of 11



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5155.50	27.550	56.110	4746.92	460.09	997.59	1492.39	1677310.74	14348060.28	39°30'40.0251"N	80°52'9.0874"W	1795.10	56.239	1.08	0.92	-1.27	
5250.50	27.180	55.350	4831.29	471.65	1022.17	1528.48	1677346.81	14348084.85	39°30'40.2676"N	80°52'8.6265"W	1838.77	56.227	0.54	-0.39	-0.80	
5344.50	27.540	55.780	4914.77	483.21	1046.60	1564.11	1677382.43	14348109.27	39°30'40.5085"N	80°52'8.1714"W	1881.97	56.212	0.44	0.38	0.46	
5439.50	27.380	56.680	4999.07	494.45	1070.95	1600.52	1677418.83	14348133.61	39°30'40.7487"N	80°52'7.7064"W	1925.77	56.212	0.47	-0.17	0.95	
5534.50	27.280	58.080	5083.47	504.79	1094.46	1637.25	1677455.55	14348157.11	39°30'40.9805"N	80°52'7.2373"W	1969.38	56.238	0.68	-0.11	1.47	
5628.50	26.720	58.730	5167.22	514.16	1116.82	1673.60	1677491.88	14348179.46	39°30'41.2010"N	80°52'6.7731"W	2012.02	56.284	0.67	-0.60	0.69	
5723.50	26.300	57.870	5252.23	523.55	1139.10	1709.68	1677527.94	14348201.73	39°30'41.4206"N	80°52'6.3124"W	2054.40	56.326	0.60	-0.44	-0.91	
5820.50	26.790	58.140	5339.01	533.36	1162.07	1746.44	1677564.69	14348224.69	39°30'41.6471"N	80°52'5.8429"W	2097.73	56.361	0.52	0.51	0.28	
5915.50	26.510	58.610	5423.92	542.74	1184.41	1782.73	1677600.96	14348247.03	39°30'41.8674"N	80°52'5.3795"W	2140.31	56.401	0.37	-0.29	0.49	
6010.50	25.610	57.880	5509.26	552.01	1206.37	1818.21	1677636.44	14348268.98	39°30'42.0839"N	80°52'4.9263"W	2182.03	56.436	1.01	-0.95	-0.77	
6104.50	25.240	56.500	5594.15	561.70	1228.24	1852.13	1677670.34	14348290.83	39°30'42.2995"N	80°52'4.4931"W	2222.38	56.450	0.74	-0.39	-1.47	
6199.50	24.510	55.240	5680.34	572.19	1250.65	1885.21	1677703.41	14348313.24	39°30'42.5206"N	80°52'4.0707"W	2262.33	56.440	0.95	-0.77	-1.33	
6293.50	24.360	55.080	5765.92	582.86	1272.86	1917.13	1677735.31	14348335.44	39°30'42.7397"N	80°52'3.6631"W	2301.21	56.418	0.17	-0.16	-0.17	
6388.50	25.090	52.010	5852.22	594.85	1296.48	1949.07	1677767.24	14348359.05	39°30'42.9726"N	80°52'3.2551"W	2340.88	56.369	1.55	0.77	-3.23	
6451.50	27.250	44.060	5908.77	605.77	1315.07	1969.63	1677787.79	14348377.64	39°30'43.1561"N	80°52'2.9923"W	2368.31	56.270	6.53	3.43	-12.62	
6482.50	28.230	39.120	5936.21	612.88	1325.86	1979.20	1677797.35	14348388.42	39°30'43.2626"N	80°52'2.8701"W	2382.25	56.182	8.06	3.16	-15.94	
6547.00	30.260	27.090	5992.54	632.27	1352.19	1996.24	1677814.39	14348414.74	39°30'43.5225"N	80°52'2.6522"W	2411.10	55.887	9.62	3.15	-18.65	BH AT Curve <8-3/4"> (6482.5')(6547'-17833')
6580.00	30.500	23.650	6021.01	644.21	1367.27	2003.38	1677821.53	14348429.81	39°30'43.6714"N	80°52'2.5607"W	2425.48	55.687	5.32	0.73	-10.42	
6674.00	33.690	13.640	6100.69	683.80	1414.50	2019.12	1677837.26	14348477.02	39°30'44.1380"N	80°52'2.3591"W	2465.29	54.987	6.59	3.39	-10.65	
6769.00	36.580	6.860	6178.40	731.53	1468.24	2028.72	1677846.86	14348530.74	39°30'44.6690"N	80°52'2.2356"W	2504.28	54.106	5.11	3.04	-7.14	
6864.00	41.660	1.780	6252.10	786.61	1527.96	2033.08	1677851.22	14348590.44	39°30'45.2592"N	80°52'2.1788"W	2543.24	53.073	6.32	5.35	-5.35	
6959.00	49.090	356.370	6318.81	850.89	1595.46	2031.79	1677849.93	14348657.91	39°30'45.9264"N	80°52'2.1940"W	2583.34	51.859	8.80	7.82	-5.69	
6972.00†	50.184	355.893	6327.23	860.45	1605.35	2031.12	1677849.26	14348667.79	39°30'46.0240"N	80°52'2.2024"W	2588.94	51.678	8.86	8.41	-3.67	Middlesex: 6972' MD
7054.00	57.120	353.190	6375.81	924.65	1671.03	2024.77	1677842.91	14348733.46	39°30'46.6733"N	80°52'2.2821"W	2625.27	50.467	8.86	8.46	-3.30	
7133.00†	63.947	352.196	6414.65	991.99	1739.21	2016.01	1677834.15	14348801.61	39°30'47.3473"N	80°52'2.3926"W	2662.55	49.216	8.71	8.64	-1.26	Burkett: 7133' MD
7149.00	65.330	352.010	6421.50	1006.18	1753.53	2014.02	1677832.17	14348815.92	39°30'47.4889"N	80°52'2.4177"W	2670.43	48.955	8.71	8.65	-1.16	
7185.00†	66.801	351.795	6436.10	1038.50	1786.11	2009.39	1677827.53	14348848.48	39°30'47.8109"N	80°52'2.4762"W	2688.46	48.367	4.12	4.08	-0.60	Tully: 7185' MD
7196.00	67.250	351.730	6440.40	1048.45	1796.13	2007.94	1677826.08	14348858.50	39°30'47.9100"N	80°52'2.4946"W	2694.05	48.187	4.12	4.09	-0.59	
7244.00	68.870	349.840	6458.33	1092.34	1840.08	2000.81	1677818.95	14348902.43	39°30'48.3444"N	80°52'2.5848"W	2718.29	47.396	4.97	3.37	-3.94	
7336.00†	77.806	347.704	6484.69	1179.59	1926.42	1983.63	1677801.78	14348988.74	39°30'49.1981"N	80°52'2.8023"W	2765.12	45.838	9.96	9.71	-2.32	Marcellus POE: 7336' MD

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Actual Wellpath Report

Sisterville Unit 2H AWP Proj: 17857'
Page 5 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Sisterville Unit 2H
Field	Tyler	API	47-095-02619-0000
Facility	State Ridge Pad	Wellbore	Sisterville Unit 2H AWB
Slot	Slot #04		

WELLPATH DATA (204 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
7338.00	78.000	347.660	6485.11	1181.54	1928.34	1983.21	1677801.36	14348990.65	39°30'49.2169"N	80°52'2.8076"W	2766.15	45.804	9.96	9.72	-2.22	
7433.00	82.060	347.950	6501.55	1274.44	2019.77	1963.45	1677781.61	14349082.05	39°30'50.1209"N	80°52'3.0580"W	2816.84	44.190	4.28	4.27	0.31	
7528.00	84.760	346.780	6512.45	1368.24	2111.85	1942.81	1677760.98	14349174.09	39°30'51.0312"N	80°52'3.3197"W	2869.56	42.613	3.09	2.84	-1.23	
7582.00	86.030	345.180	6516.79	1421.87	2164.07	1929.77	1677747.94	14349226.29	39°30'51.5475"N	80°52'3.4851"W	2899.51	41.724	3.78	2.35	-2.96	
7622.00	88.250	343.780	6518.79	1461.74	2202.56	1919.08	1677737.26	14349264.76	39°30'51.9281"N	80°52'3.6208"W	2921.32	41.065	6.56	5.55	-3.50	
7717.00	90.580	340.130	6519.76	1556.70	2292.86	1889.66	1677707.85	14349355.03	39°30'52.8210"N	80°52'3.9944"W	2971.19	39.494	4.56	2.45	-3.84	
7812.00	90.430	337.090	6518.92	1651.60	2381.30	1855.01	1677673.22	14349443.44	39°30'53.6956"N	80°52'4.4348"W	3018.55	37.918	3.20	-0.16	-3.20	
7906.00	90.650	336.200	6518.03	1745.31	2467.59	1817.75	1677635.97	14349529.69	39°30'54.5490"N	80°52'4.9086"W	3064.84	36.377	0.98	0.23	-0.95	
8001.00	90.680	336.960	6516.93	1840.01	2554.76	1780.00	1677598.23	14349616.83	39°30'55.4110"N	80°52'5.3888"W	3113.71	34.866	0.80	0.03	0.80	
8096.00	90.120	335.150	6516.27	1934.64	2641.58	1741.44	1677559.69	14349703.61	39°30'56.2697"N	80°52'5.8791"W	3163.95	33.395	1.99	-0.59	-1.91	
8191.00	90.460	337.340	6515.79	2029.29	2728.52	1703.18	1677521.44	14349790.52	39°30'57.1295"N	80°52'6.3657"W	3216.46	31.973	2.33	0.36	2.31	
8286.00	90.180	340.150	6515.25	2124.20	2817.05	1668.74	1677487.02	14349879.01	39°30'58.0049"N	80°52'6.8034"W	3274.21	30.641	2.97	-0.29	2.96	
8381.00	90.770	343.210	6514.47	2219.18	2907.22	1638.88	1677457.18	14349969.15	39°30'58.8966"N	80°52'7.1827"W	3337.35	29.411	3.28	0.62	3.22	
8476.00	91.540	343.950	6512.55	2314.07	2998.33	1612.04	1677430.34	14350060.21	39°30'59.7974"N	80°52'7.5236"W	3404.21	28.264	1.12	0.81	0.78	
8570.00	90.890	341.220	6510.56	2408.01	3087.99	1583.91	1677402.23	14350149.84	39°31'0.6839"N	80°52'7.8808"W	3470.51	27.155	2.98	-0.69	-2.90	
8665.00	90.650	338.970	6509.28	2502.98	3177.30	1551.57	1677369.90	14350239.12	39°31'1.5671"N	80°52'8.2918"W	3535.90	26.028	2.38	-0.25	-2.37	
8760.00	90.650	339.310	6508.20	2597.92	3266.07	1517.75	1677336.09	14350327.85	39°31'2.4449"N	80°52'8.7217"W	3601.49	24.924	0.36	0.00	0.36	
8855.00	90.180	341.220	6507.52	2692.90	3355.48	1485.67	1677304.03	14350417.23	39°31'3.3291"N	80°52'9.1294"W	3669.67	23.882	2.07	-0.49	2.01	
8950.00	90.120	343.570	6507.27	2787.87	3446.02	1456.94	1677275.31	14350507.73	39°31'4.2243"N	80°52'9.4943"W	3741.36	22.918	2.47	-0.06	2.47	
9045.00	90.000	342.530	6507.17	2882.81	3536.90	1429.24	1677247.62	14350598.57	39°31'5.1229"N	80°52'9.8460"W	3814.76	22.003	1.10	-0.13	-1.09	
9140.00	90.680	343.760	6506.60	2977.75	3627.81	1401.70	1677220.09	14350689.45	39°31'6.0218"N	80°52'10.1958"W	3889.19	21.125	1.48	0.72	1.29	
9235.00	90.580	344.840	6505.56	3072.59	3719.26	1375.99	1677194.39	14350780.86	39°31'6.9260"N	80°52'10.5221"W	3965.63	20.303	1.14	-0.11	1.14	
9330.00	90.520	345.500	6504.65	3167.34	3811.09	1351.68	1677170.09	14350872.65	39°31'7.8339"N	80°52'10.8307"W	4043.69	19.528	0.70	-0.06	0.69	
9424.00	90.250	343.570	6504.02	3261.17	3901.68	1326.62	1677145.04	14350963.21	39°31'8.7296"N	80°52'11.1488"W	4121.05	18.779	2.07	-0.29	-2.05	
9519.00	91.570	341.850	6502.51	3356.11	3992.37	1298.39	1677116.82	14351053.86	39°31'9.6263"N	80°52'11.5073"W	4198.19	18.015	2.28	1.39	-1.81	
9614.00	92.280	338.720	6499.31	3451.04	4081.74	1266.36	1677084.81	14351143.19	39°31'10.5101"N	80°52'11.9143"W	4273.67	17.237	3.38	0.75	-3.29	
9709.00	90.370	336.220	6497.12	3545.81	4169.45	1229.98	1677048.43	14351230.87	39°31'11.3775"N	80°52'12.3770"W	4347.09	16.436	3.31	-2.01	-2.63	
9804.00	89.910	335.180	6496.89	3640.39	4256.04	1190.88	1677009.36	14351317.42	39°31'12.2338"N	80°52'12.8743"W	4419.51	15.632	1.20	-0.48	-1.09	
9899.00	90.280	335.650	6496.73	3734.92	4342.42	1151.36	1676969.85	14351403.77	39°31'13.0881"N	80°52'13.3770"W	4492.47	14.850	0.63	0.39	0.49	
9994.00	90.180	335.020	6496.35	3829.44	4428.75	1111.72	1676930.22	14351490.07	39°31'13.9419"N	80°52'13.8813"W	4566.16	14.091	0.67	-0.11	-0.66	

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Environmental Protection



Actual Wellpath Report

Sisterville Unit 2H AWP Proj: 17857'
Page 6 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Sisterville Unit 2H
Field	Tyler	API	47-095-02619-0000
Facility	State Ridge Pad	Wellbore	Sisterville Unit 2H AWB
Slot	Slot #04		

WELLPATH DATA (204 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
10088.00	90.250	336.700	6495.99	3923.05	4514.53	1073.27	1676891.79	14351575.81	39°31'14.7902"N	80°52'14.3703"W	4640.36	13.373	1.79	0.07	1.79	
10183.00	90.180	339.870	6495.64	4017.92	4602.78	1038.13	1676856.66	14351664.02	39°31'15.6629"N	80°52'14.8171"W	4718.40	12.710	3.34	-0.07	3.34	
10278.00	90.490	341.640	6495.08	4112.91	4692.46	1006.82	1676825.37	14351753.67	39°31'16.5497"N	80°52'15.2150"W	4799.26	12.110	1.89	0.33	1.86	
10373.00	90.120	339.560	6494.58	4207.90	4782.06	975.27	1676793.82	14351843.24	39°31'17.4357"N	80°52'15.6160"W	4880.50	11.527	2.22	-0.39	-2.19	
10468.00	90.310	337.160	6494.22	4302.79	4870.36	940.23	1676758.81	14351931.50	39°31'18.3089"N	80°52'16.0614"W	4960.29	10.927	2.53	0.20	-2.53	
10563.00	90.400	337.510	6493.63	4397.58	4958.02	903.63	1676722.22	14352019.13	39°31'19.1758"N	80°52'16.5270"W	5039.69	10.329	0.38	0.09	0.37	
10658.00	90.620	338.510	6492.79	4492.44	5046.11	868.06	1676686.66	14352107.17	39°31'20.0468"N	80°52'16.9793"W	5120.23	9.761	1.08	0.23	1.05	
10753.00	90.220	337.570	6492.09	4587.30	5134.21	832.53	1676651.15	14352195.24	39°31'20.9181"N	80°52'17.4310"W	5201.27	9.211	1.08	-0.42	-0.99	
10848.00	90.030	338.110	6491.88	4682.15	5222.19	796.70	1676615.33	14352283.19	39°31'21.7882"N	80°52'17.8867"W	5282.61	8.674	0.60	-0.20	0.57	
10942.00	89.880	337.410	6491.96	4775.99	5309.20	761.12	1676579.77	14352370.16	39°31'22.6486"N	80°52'18.3391"W	5363.48	8.158	0.76	-0.16	-0.74	
11037.00	89.880	337.390	6492.15	4870.79	5396.90	724.61	1676543.27	14352457.83	39°31'23.5159"N	80°52'18.8034"W	5445.33	7.647	0.02	0.00	-0.02	
11132.00	89.320	341.180	6492.82	4965.72	5485.74	691.02	1676509.69	14352546.64	39°31'24.3944"N	80°52'19.2305"W	5529.09	7.180	4.03	-0.59	3.99	
11227.00	90.460	345.350	6493.00	5060.63	5576.70	663.67	1676482.35	14352637.55	39°31'25.2937"N	80°52'19.5778"W	5616.05	6.787	4.55	1.20	4.39	
11322.00	90.550	347.040	6492.16	5155.25	5668.95	641.00	1676459.70	14352729.77	39°31'26.2058"N	80°52'19.8654"W	5705.07	6.451	1.78	0.09	1.78	
11417.00	90.400	347.260	6491.38	5249.71	5761.56	619.88	1676438.58	14352822.35	39°31'27.1214"N	80°52'20.1333"W	5794.81	6.141	0.28	-0.16	0.23	
11512.00	90.460	346.800	6490.66	5344.20	5854.14	598.55	1676417.26	14352914.88	39°31'28.0367"N	80°52'20.4037"W	5884.66	5.838	0.49	0.06	-0.48	
11607.00	90.400	345.330	6489.95	5438.84	5946.34	575.68	1676394.40	14353007.04	39°31'28.9482"N	80°52'20.6940"W	5974.14	5.530	1.55	-0.06	-1.55	
11702.00	90.220	343.610	6489.44	5533.67	6037.86	550.24	1676368.97	14353098.53	39°31'29.8532"N	80°52'21.0169"W	6062.88	5.207	1.82	-0.19	-1.81	
11797.00	90.490	343.080	6488.85	5628.59	6128.88	523.02	1676341.76	14353189.51	39°31'30.7530"N	80°52'21.3627"W	6151.15	4.878	0.63	0.28	-0.56	
11892.00	90.120	341.390	6488.34	5723.57	6219.34	494.03	1676312.78	14353279.94	39°31'31.6475"N	80°52'21.7310"W	6238.93	4.542	1.82	-0.39	-1.78	
11987.00	90.120	340.660	6488.14	5818.57	6309.18	463.14	1676281.91	14353369.74	39°31'32.5359"N	80°52'22.1235"W	6326.15	4.198	0.77	0.00	-0.77	
12081.00	90.340	339.960	6487.76	5912.56	6397.68	431.47	1676250.25	14353458.21	39°31'33.4110"N	80°52'22.5261"W	6412.21	3.858	0.78	0.23	-0.74	
12176.00	90.250	339.930	6487.28	6007.54	6486.92	398.89	1676217.68	14353547.41	39°31'34.2934"N	80°52'22.9402"W	6499.17	3.519	0.10	-0.09	-0.03	
12271.00	90.250	339.590	6486.86	6102.51	6576.05	366.03	1676184.83	14353636.51	39°31'35.1748"N	80°52'23.3581"W	6586.23	3.186	0.36	0.00	-0.36	
12366.00	90.340	340.330	6486.37	6197.49	6665.30	333.48	1676152.29	14353725.72	39°31'36.0573"N	80°52'23.7719"W	6673.63	2.864	0.78	0.09	0.78	
12461.00	90.060	341.690	6486.04	6292.49	6755.12	302.56	1676121.39	14353815.51	39°31'36.9455"N	80°52'24.1648"W	6761.90	2.565	1.46	-0.29	1.43	
12556.00	90.310	342.520	6485.73	6387.47	6845.53	273.37	1676092.21	14353905.87	39°31'37.8394"N	80°52'24.5357"W	6850.98	2.287	0.91	0.26	0.87	
12651.00	90.370	343.030	6485.17	6482.43	6936.26	245.24	1676064.09	14353996.58	39°31'38.7366"N	80°52'24.8930"W	6940.60	2.025	0.54	0.06	0.54	
12745.00	90.340	342.340	6484.59	6576.39	7026.00	217.26	1676036.13	14354086.28	39°31'39.6239"N	80°52'25.2485"W	7029.36	1.771	0.73	-0.03	-0.73	
12840.00	90.310	342.480	6484.05	6671.36	7116.56	188.56	1676007.43	14354176.80	39°31'40.5193"N	80°52'25.6132"W	7119.06	1.518	0.15	-0.03	0.15	

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Actual Wellpath Report

Sisterville Unit 2H AWP Proj: 17857'
Page 7 of 11



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Field	Tyler	API	47-095-02619-0000
Facility	State Ridge Pad	Wellbore	Sisterville Unit 2H AWB
Slot	Slot #04		

WELLPATH DATA (204 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
12935.00	90.460	343.570	6483.41	6766.30	7207.42	160.82	1675979.71	14354267.62	39°31'41.4176"N	80°52'25.9655"W	7209.21	1.278	1.16	0.16	1.15	
13030.00	90.340	344.250	6482.75	6861.19	7298.69	134.49	1675953.39	14354358.86	39°31'42.3201"N	80°52'26.2999"W	7299.93	1.056	0.73	-0.13	0.72	
13125.00	90.250	344.110	6482.26	6956.05	7390.09	108.60	1675927.50	14354450.22	39°31'43.2238"N	80°52'26.6288"W	7390.89	0.842	0.18	-0.09	-0.15	
13220.00	90.060	343.610	6482.00	7050.94	7481.35	82.19	1675901.10	14354541.44	39°31'44.1261"N	80°52'26.9642"W	7481.80	0.629	0.56	-0.20	-0.53	
13314.00	90.550	344.330	6481.50	7144.81	7571.69	56.23	1675875.16	14354631.75	39°31'45.0193"N	80°52'27.2938"W	7571.90	0.425	0.93	0.52	0.77	
13409.00	90.490	343.040	6480.64	7239.71	7662.86	29.54	1675848.48	14354722.88	39°31'45.9207"N	80°52'27.6328"W	7662.92	0.221	1.36	-0.06	-1.36	
13504.00	90.520	342.640	6479.80	7334.66	7753.63	1.52	1675820.47	14354813.61	39°31'46.8182"N	80°52'27.9888"W	7753.63	0.011	0.42	0.03	-0.42	
13599.00	90.550	341.860	6478.91	7429.64	7844.10	-27.44	1675791.52	14354904.05	39°31'47.7128"N	80°52'28.3568"W	7844.15	359.800	0.82	0.03	-0.82	
13694.00	90.490	340.380	6478.05	7524.63	7933.98	-58.18	1675760.79	14354993.89	39°31'48.6015"N	80°52'28.7475"W	7934.20	359.580	1.56	-0.06	-1.56	
13789.00	90.460	339.890	6477.26	7619.61	8023.33	-90.46	1675728.52	14355083.20	39°31'49.4850"N	80°52'29.1579"W	8023.84	359.354	0.52	-0.03	-0.52	
13883.00	90.430	338.240	6476.53	7713.55	8111.12	-124.05	1675694.95	14355170.96	39°31'50.3531"N	80°52'29.5850"W	8112.06	359.124	1.76	-0.03	-1.76	
13978.00	90.340	336.360	6475.90	7808.34	8198.75	-160.71	1675658.31	14355258.56	39°31'51.2197"N	80°52'30.0513"W	8200.33	358.877	1.98	-0.09	-1.98	
14073.00	90.370	335.680	6475.31	7902.96	8285.55	-199.31	1675619.71	14355345.32	39°31'52.0781"N	80°52'30.5425"W	8287.95	358.622	0.72	0.03	-0.72	
14168.00	90.430	335.160	6474.64	7997.49	8371.94	-238.83	1675580.22	14355431.67	39°31'52.9324"N	80°52'31.0453"W	8375.34	358.366	0.55	0.06	-0.55	
14263.00	90.120	334.610	6474.19	8091.94	8457.95	-279.15	1675539.91	14355517.66	39°31'53.7831"N	80°52'31.5583"W	8462.56	358.110	0.66	-0.33	-0.58	
14358.00	89.940	335.130	6474.14	8186.38	8543.96	-319.49	1675499.58	14355603.63	39°31'54.6337"N	80°52'32.0717"W	8549.93	357.858	0.58	-0.19	0.55	
14452.00	89.230	337.590	6474.82	8280.05	8630.06	-357.18	1675461.91	14355689.70	39°31'55.4852"N	80°52'32.5512"W	8637.45	357.630	2.72	-0.76	2.62	
14547.00	89.630	340.420	6475.76	8374.97	8718.74	-391.22	1675427.89	14355778.34	39°31'56.3621"N	80°52'32.9840"W	8727.52	357.431	3.01	0.42	2.98	
14642.00	90.430	342.640	6475.71	8469.96	8808.84	-421.31	1675397.81	14355868.41	39°31'57.2530"N	80°52'33.3665"W	8818.91	357.262	2.48	0.84	2.34	
14737.00	90.650	342.000	6474.82	8564.93	8899.35	-450.16	1675368.97	14355958.88	39°31'58.1479"N	80°52'33.7331"W	8910.73	357.104	0.71	0.23	-0.67	
14832.00	90.650	341.770	6473.74	8659.92	8989.64	-479.70	1675339.45	14356049.13	39°31'59.0406"N	80°52'34.1085"W	9002.43	356.946	0.24	0.00	-0.24	
14927.00	90.830	342.420	6472.51	8754.89	9080.03	-508.90	1675310.25	14356139.48	39°31'59.9344"N	80°52'34.4796"W	9094.28	356.792	0.71	0.19	0.68	
15022.00	90.490	342.870	6471.42	8849.85	9170.70	-537.24	1675281.93	14356230.11	39°32'0.8309"N	80°52'34.8397"W	9186.42	356.647	0.59	-0.36	0.47	
15117.00	90.620	342.650	6470.50	8944.81	9261.42	-565.39	1675253.79	14356320.80	39°32'1.7280"N	80°52'35.1974"W	9278.67	356.507	0.27	0.14	-0.23	
15212.00	90.460	341.420	6469.60	9039.79	9351.79	-594.69	1675224.50	14356411.13	39°32'2.6214"N	80°52'35.5698"W	9370.68	356.361	1.31	-0.17	-1.29	
15306.00	90.340	341.280	6468.95	9133.79	9440.85	-624.75	1675194.45	14356500.16	39°32'3.5021"N	80°52'35.9518"W	9461.50	356.214	0.20	-0.13	-0.15	
15401.00	90.400	341.780	6468.33	9228.78	9530.95	-654.85	1675164.37	14356590.23	39°32'4.3930"N	80°52'36.3344"W	9553.42	356.070	0.53	0.06	0.53	
15496.00	90.340	341.320	6467.72	9323.78	9621.07	-684.91	1675134.31	14356680.30	39°32'5.2840"N	80°52'36.7165"W	9645.42	355.928	0.49	-0.06	-0.48	
15591.00	90.460	341.920	6467.06	9418.77	9711.22	-714.86	1675104.37	14356770.42	39°32'6.1754"N	80°52'37.0973"W	9737.50	355.790	0.64	0.13	0.63	
15686.00	90.280	341.980	6466.44	9513.76	9801.54	-744.30	1675074.95	14356860.71	39°32'7.0685"N	80°52'37.4714"W	9829.76	355.657	0.20	-0.19	0.06	

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Actual Wellpath Report

Sisterville Unit 2H AWP Proj: 17857'
Page 8 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Sisterville Unit 2H
Field	Tyler	API	47-095-02619-0000
Facility	State Ridge Pad	Wellbore	Sisterville Unit 2H AWB
Slot	Slot #04		

WELLPATH DATA (204 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
15781.00	90.400	341.350	6465.88	9608.75	9891.72	-774.18	1675045.08	14356950.85	39°32'7.9602"N	80°52'37.8512"W	9921.97	355.525	0.68	0.13	-0.66	
15876.00	90.310	341.770	6465.29	9703.74	9981.84	-804.23	1675015.04	14357040.93	39°32'8.8512"N	80°52'38.2332"W	10014.18	355.394	0.45	-0.09	0.44	
15971.00	90.310	341.480	6464.78	9798.74	10071.99	-834.18	1674985.11	14357131.05	39°32'9.7427"N	80°52'38.6138"W	10106.48	355.265	0.31	0.00	-0.31	
16066.00	90.400	343.280	6464.19	9893.71	10162.53	-862.93	1674956.36	14357221.55	39°32'10.6379"N	80°52'38.9793"W	10199.10	355.146	1.90	0.09	1.89	
16161.00	90.370	345.210	6463.55	9988.56	10253.95	-888.73	1674930.58	14357312.94	39°32'11.5418"N	80°52'39.3069"W	10292.40	355.046	2.03	-0.03	2.03	
16255.00	90.370	346.070	6462.94	10082.26	10345.02	-912.04	1674907.28	14357403.96	39°32'12.4421"N	80°52'39.6028"W	10385.14	354.962	0.91	0.00	0.91	
16350.00	90.310	344.580	6462.38	10176.99	10436.91	-936.10	1674883.22	14357495.82	39°32'13.3506"N	80°52'39.9084"W	10478.81	354.875	1.57	-0.06	-1.57	
16445.00	90.280	343.610	6461.89	10271.86	10528.27	-962.14	1674857.20	14357587.15	39°32'14.2539"N	80°52'40.2391"W	10572.14	354.778	1.02	-0.03	-1.02	
16540.00	90.310	344.210	6461.40	10366.74	10619.55	-988.47	1674830.88	14357678.39	39°32'15.1564"N	80°52'40.5736"W	10665.45	354.682	0.63	0.03	0.63	
16635.00	90.220	344.310	6460.96	10461.60	10710.99	-1014.24	1674805.12	14357769.79	39°32'16.0604"N	80°52'40.9009"W	10758.90	354.591	0.14	-0.09	0.11	
16729.00	90.490	342.420	6460.38	10555.52	10801.05	-1041.15	1674778.22	14357859.81	39°32'16.9509"N	80°52'41.2428"W	10851.11	354.494	2.03	0.29	-2.01	
16824.00	90.280	339.340	6459.74	10650.50	10890.79	-1072.26	1674747.12	14357949.52	39°32'17.8383"N	80°52'41.6384"W	10943.45	354.377	3.25	-0.22	-3.24	
16919.00	90.280	338.530	6459.28	10745.43	10979.44	-1106.40	1674712.99	14358038.13	39°32'18.7149"N	80°52'42.0727"W	11035.05	354.246	0.85	0.00	-0.85	
17014.00	90.220	338.200	6458.86	10840.33	11067.75	-1141.43	1674677.98	14358126.41	39°32'19.5881"N	80°52'42.5182"W	11126.45	354.112	0.35	-0.06	-0.35	
17109.00	90.220	337.980	6458.50	10935.20	11155.89	-1176.88	1674642.54	14358214.51	39°32'20.4597"N	80°52'42.9691"W	11217.79	353.978	0.23	0.00	-0.23	
17203.00	90.340	338.200	6458.04	11029.07	11243.10	-1211.95	1674607.48	14358301.68	39°32'21.3221"N	80°52'43.4153"W	11308.23	353.848	0.27	0.13	0.23	
17298.00	90.280	338.820	6457.53	11123.97	11331.49	-1246.75	1674572.69	14358390.04	39°32'22.1962"N	80°52'43.8580"W	11399.87	353.721	0.66	-0.06	0.65	
17422.00	90.340	341.020	6456.85	11247.93	11447.94	-1289.32	1674530.14	14358506.45	39°32'23.3477"N	80°52'44.3994"W	11520.32	353.574	1.77	0.05	1.77	
17488.00	90.340	341.470	6456.46	11313.93	11510.44	-1310.54	1674508.93	14358568.92	39°32'23.9656"N	80°52'44.6692"W	11584.80	353.504	0.68	0.00	0.68	
17583.00	90.340	342.430	6455.90	11408.92	11600.76	-1339.98	1674479.51	14358659.20	39°32'24.8587"N	80°52'45.0433"W	11677.89	353.411	1.01	0.00	1.01	
17677.00	90.370	342.740	6455.32	11502.88	11690.45	-1368.11	1674451.39	14358748.86	39°32'25.7455"N	80°52'45.4009"W	11770.23	353.325	0.33	0.03	0.33	
17772.00	90.400	343.360	6454.68	11597.82	11781.32	-1395.81	1674423.70	14358839.69	39°32'26.6439"N	80°52'45.7528"W	11863.72	353.243	0.65	0.03	0.65	
17833.00	90.430	344.150	6454.24	11658.76	11839.88	-1412.87	1674406.65	14358898.23	39°32'27.2230"N	80°52'45.9696"W	11923.88	353.195	1.30	0.05	1.30	
17857.00†	90.430	344.150	6454.06	11682.72	11862.97	-1419.43	1674400.09	14358921.31	39°32'27.4512"N	80°52'46.0529"W	11947.59	353.177	0.00	0.00	0.00	Projected MD at TD: 17857'

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Actual Wellpath Report

Sisterville Unit 2H AWP Proj: 17857'
Page 9 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Sisterville Unit 2H
Field	Tyler	API	47-095-02619-0000
Facility	State Ridge Pad	Wellbore	Sisterville Unit 2H AWB
Slot	Slot #04		

HOLE & CASING SECTIONS - Ref Wellbore: Sisterville Unit 2H AWB Ref Wellpath: Sisterville Unit 2H AWP Proj: 17857'									
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	105.50	80.00	25.50	105.50	0.00	0.00	0.05	0.00
17.5in Open Hole	105.50	396.50	291.00	105.50	396.50	0.05	0.00	0.38	-0.12
13.375in Casing Surface	25.50	396.50	371.00	25.50	396.50	0.00	0.00	0.38	-0.12
12.25in Open Hole	396.50	2740.50	2344.00	396.50	2584.17	0.38	-0.12	397.64	604.67
9.625in Casing Intermediate	25.50	2740.50	2715.00	25.50	2584.17	0.00	0.00	397.64	604.67
8.75in Open Hole	2740.50	6572.50	3832.00	2584.17	6014.54	397.64	604.67	1363.79	2001.84
8.5in Open Hole	6572.50	17857.00	11284.50	6014.54	6454.06	1363.79	2001.84	11862.97	-1419.43
5.5in Casing Production	25.50	17857.00	17831.50	25.50	6454.06	0.00	0.00	11862.97	-1419.43

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Sisterville Unit 2H - POE - Rev-2	6474.00	1844.24	1989.56	1677807.71	14348906.60	39°30'48.3858"N	80°52'2.7282"W	point
Sisterville Unit 2H - BHL - Rev-2	6507.00	11884.22	-1450.39	1674369.14	14358942.55	39°32'27.6617"N	80°52'46.4478"W	point
Sisterville Unit 2H - LP - Rev-2	6507.00	2035.63	1923.98	1677742.16	14349097.90	39°30'50.2782"N	80°52'3.5613"W	point
Sisterville Unit 2H - 50' L/R Hardline	6600.00	6864.23	269.58	1676088.43	14353924.57	39°31'38.0244"N	80°52'24.5837"W	rectangle
2D Rectangle 10616.5 x 100.								

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Actual Wellpath Report

Sisterville Unit 2H AWP Proj: 17857'
Page 10 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Sisterville Unit 2H
Field	Tyler	API	47-095-02619-0000
Facility	State Ridge Pad	Wellbore	Sisterville Unit 2H AWB
Slot	Slot #04		

WELLPATH COMPOSITION - Ref Wellbore: Sisterville Unit 2H AWB Ref Wellpath: Sisterville Unit 2H AWP Proj: 17857'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
25.50	290.50	Gyrodatta 2015 - GC+WIR+DPIPE	01 Gyrodatta MS Gyro <17-1/2">(100'-280')	Sisterville Unit 2H AWB	1/2/2020
290.50	636.50	Gyrodatta 2015 - GC+WIR+DPIPE	02 Gyrodatta MS Gyro <12-1/4">(280')(410'-626')	Sisterville Unit 2H AWB	1/2/2020
636.50	2646.50	OWSG MWD rev2 + HRGM	03 WFT EM <12-1/4">(626')(745'-2636')	Sisterville Unit 2H AWB	1/2/2020
2646.50	6482.50	OWSG MWD rev2 + HRGM	04 WFT EM <8-3/4">(2636')(2773'-6472')	Sisterville Unit 2H AWB	1/2/2020
6482.50	17857.00	BH AutoTrak Curve (2019) (Short spacing)	05 BH AT Curve <8-3/4"> (6482.5')(6547'-17833')	Sisterville Unit 2H AWB	1/30/2020

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Actual Wellpath Report

Sisterville Unit 2H AWP Proj: 17857'
Page 11 of 11



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Field	Tyler	API	47-095-02619-0000
Facility	State Ridge Pad	Wellbore	Sisterville Unit 2H AWB
Slot	Slot #04		

COMMENTS

Wellpath general comments

API: 47-095-02619-0000
BHI Job #: 110259091A
Rig: H&P 317
Duration: 01/31/2020-02/02/2020
Gyrodata MS Gyro <17-1/2">(100'-280')
Gyrodata MS Gyro <12-1/4">(280')(410'-626')
WFT EM <12-1/4">(626')(745'-2636')
WFT EM <8-3/4">(2636')(2773'-6472')
BH AT Curve <8-3/4"> (6482.5')(6547'-17833')
Middlesex: 6972' MD
Burkett: 7133' MD
Tully: 7185' MD
Marcellus POE: 7336' MD
Projected MD at TD: 17857'

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