



ANTERO RESOURCES CORPORATION

Location: Wetzel County, WV
Field: Wetzel
Facility: Galmish Pad

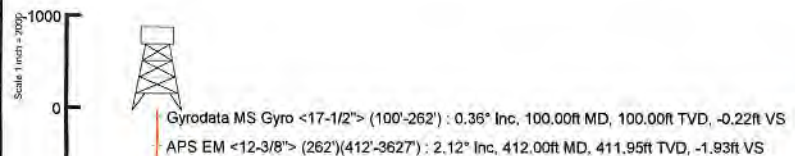
Slot: Slot B
Well: Teocalli Unit 1H
Wellbore: Teocalli Unit 1H PWB



Plot reference wellbore is Teocalli Unit 1H PWB Rev-B.1	Grid System: NAD2011 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 519 (RKB)	North Reference: Grid North
Reference wellbore measured depths are referenced to H&P 519 (RKB)	Scale: True Distances
H&P 519 (RKB) to Mean Sea Level: 1191 feet	Coordinates are in feet referenced to SGA
Mean Sea Level to Ground level (At Slot: Slot B): -1191 feet	Depths are in feet
Offset wellbore MDs are referenced to each path's default MD datum	Created by: edchayan on 2024-10-04; Database: WA_MPL_EASTERNUS_Dbs

Location Information				
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Galmish Pad	1726216.430	14372295.790	39°34'38.1900"N	80°41'43.8200"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Slot B	-60.47	67.55	1726283.950	14372206.340
			39°34'37.5900"N	80°41'42.9600"W
Comment: Teocalli Unit 1H				
H&P 519 (RKB) to Ground level (At Slot: Slot B)	30ft			
Mean Sea Level to Ground level (At Slot: Slot B)	-1191ft			
H&P 519 (RKB) to Mean Sea Level	1191ft			

Well Data			
Slot	Well	Wellbore	Wellpath
Slot B	Teocalli Unit 1H	Teocalli Unit 1H AWP	Teocalli Unit 1H AWP Proj: 25393
Slot B	Teocalli Unit 1H	Teocalli Unit 1H PWB	Teocalli Unit 1H PWB Rev-B.1



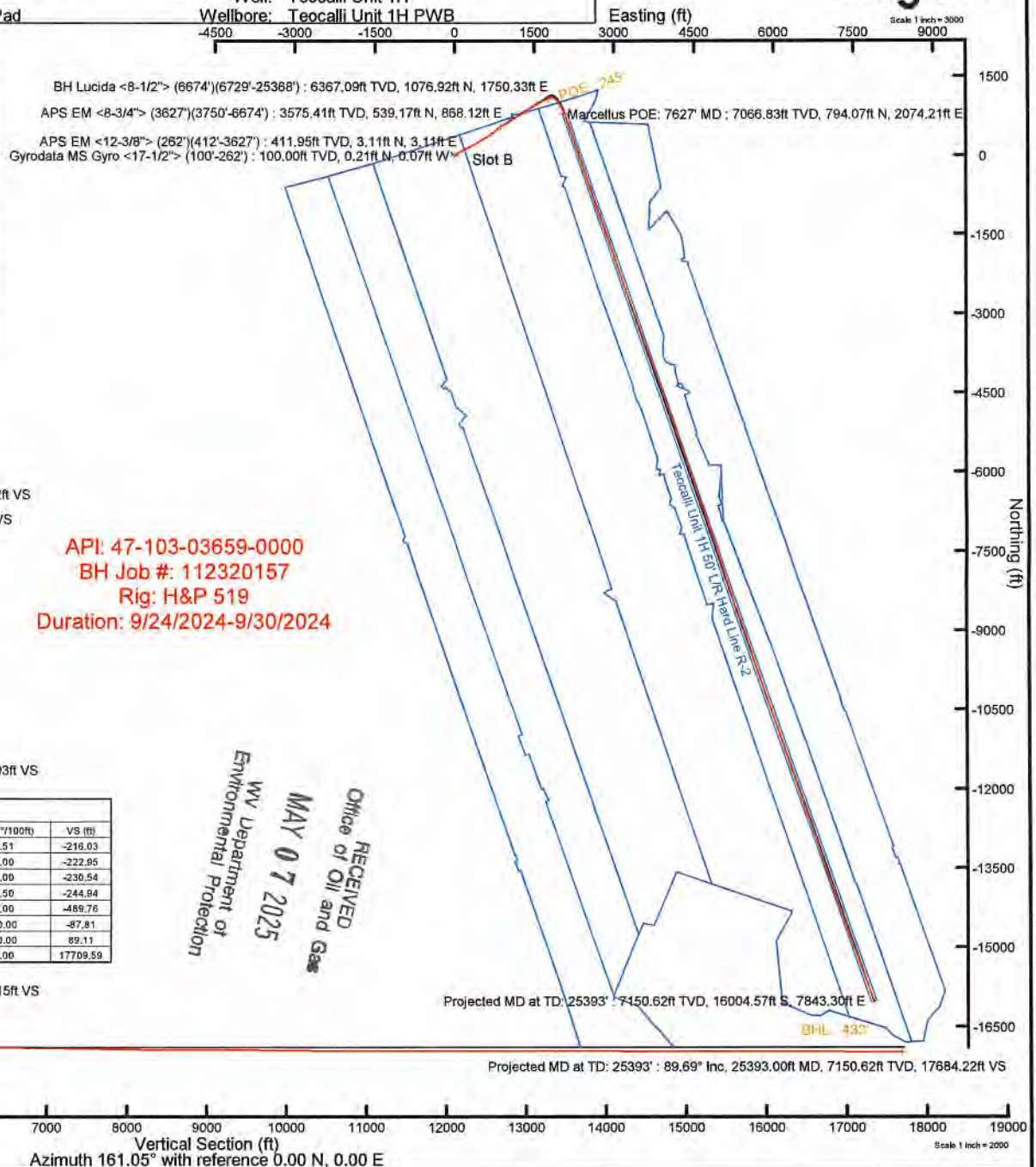
User specified (HDGM) Dip: 86.27° Field: S1564 nT
Magnetic North is 8.03 degrees West of True North (at 9/22/2024)
Grid North is 0.19 degrees East of True North
To correct azimuth from True to Grid subtract 0.19 degrees
To correct azimuth from Magnetic to Grid subtract 8.22 degrees

APS EM <8-3/4"> (3627')(3750'-6674') : 16.35° Inc, 3750.00ft MD, 3575.41ft TVD, -228.03ft VS

Well Profile Data								
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	3627.00	17.080	52.210	3457.61	517.01	840.55	1.51	-216.03
Proj. to Bottom	3700.00	17.080	52.210	3527.39	530.15	857.50	0.00	-222.95
Drill Out	3780.00	17.080	52.210	3603.86	544.55	876.06	0.00	-230.54
End of 3D Arc	3941.27	20.751	57.376	3756.40	574.47	918.86	2.50	-244.84
Curve KOP	6864.03	20.751	57.376	6489.56	1132.78	1791.04	0.00	-489.76
POE	7643.35	72.014	161.053	7066.00	804.42	2072.44	10.00	-87.81
Landing Pt.	7823.21	90.000	161.053	7094.00	637.08	2129.88	10.00	89.11
BHL	25443.69	90.000	161.053	7094.00	-16028.74	7851.04	0.00	17709.59

BH Lucida <8-1/2"> (6674')(6729'-25368') : 20.02° Inc, 6729.00ft MD, 6367.09ft TVD, -450.15ft VS

Marcellus POE: 7627' MD : 72.44° Inc, 7627.00ft MD, 7066.83ft TVD, -77.45ft VS





Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Teocalli Unit 1H
Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999608	Report Generated	10/4/2024 at 12:19:32 PM
Convergence at slot	0.19° 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	-60.47	67.55	1726283.95	14372206.34	39°34'37.5900"N	80°41'42.9600"W
Facility Reference Pt			1726216.43	14372266.79	39°34'38.1900"N	80°41'43.8200"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 519 (RKB) to Facility Vertical Datum	1191.00ft
Horizontal Reference Pt	Slot	H&P 519 (RKB) to Mean Sea Level	1191.00ft
Vertical Reference Pt	H&P 519 (RKB)	H&P 519 (RKB) to Ground Level at Slot (Slot B)	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	161.05°



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Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWP
Slot	Slot B		

WELLPATH DATA (273 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	342.580	0.00	0.00	0.00	0.00	1726283.95	14372206.34	39°34'37.5900"N	80°41'42.9600"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	342.580	30.00	0.00	0.00	0.00	1726283.95	14372206.34	39°34'37.5900"N	80°41'42.9600"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.360	342.580	100.00	-0.22	0.21	-0.07	1726283.88	14372206.55	39°34'37.5921"N	80°41'42.9609"W	0.22	342.580	0.51	0.51	0.00	Gyrodata MS Gyro <17-1/2"> (100'-262')
200.00	0.430	58.070	200.00	-0.62	0.71	0.16	1726284.11	14372207.05	39°34'37.5970"N	80°41'42.9580"W	0.73	12.624	0.49	0.07	75.49	
262.00	0.470	70.040	262.00	-0.67	0.92	0.80	1726284.54	14372207.26	39°34'37.5991"N	80°41'42.9524"W	1.09	32.955	0.16	0.06	19.31	
412.00	2.120	44.380	411.95	-1.93	3.11	3.11	1726287.06	14372209.45	39°34'37.6207"N	80°41'42.9201"W	4.40	45.027	1.14	1.10	-17.11	APS EM <12-3/8"> (262')(412'-3627')
502.00	4.500	54.540	501.80	-3.68	6.35	7.15	1726291.10	14372212.69	39°34'37.6525"N	80°41'42.8684"W	9.57	48.412	2.71	2.64	11.29	
592.00	6.190	56.030	591.40	-5.94	11.11	14.06	1726298.00	14372217.44	39°34'37.6993"N	80°41'42.7801"W	17.92	51.677	1.88	1.88	1.66	
681.00	7.760	54.770	679.74	-8.87	17.26	22.94	1726306.88	14372223.59	39°34'37.7598"N	80°41'42.6663"W	28.71	53.051	1.77	1.76	-1.42	
769.00	7.630	51.860	766.95	-12.48	24.29	32.39	1726316.33	14372230.62	39°34'37.8290"N	80°41'42.5453"W	40.49	53.131	0.47	-0.16	-3.31	
859.00	9.540	56.320	855.94	-16.32	32.12	43.30	1726327.23	14372238.45	39°34'37.9060"N	80°41'42.4057"W	53.91	53.431	2.25	2.12	4.96	
950.00	12.110	56.940	945.31	-20.56	41.51	57.58	1726341.50	14372247.83	39°34'37.9983"N	80°41'42.2230"W	70.98	54.210	2.83	2.82	0.68	
1042.00	14.120	57.090	1034.91	-25.62	52.87	75.09	1726359.01	14372259.19	39°34'38.1100"N	80°41'41.9988"W	91.83	54.848	2.19	2.18	0.16	
1136.00	16.410	61.060	1125.59	-30.69	65.53	96.33	1726380.25	14372271.84	39°34'38.2344"N	80°41'41.7269"W	116.51	55.776	2.68	2.44	4.22	
1230.00	18.540	62.890	1215.24	-35.12	78.77	121.26	1726405.16	14372285.07	39°34'38.3644"N	80°41'41.4080"W	144.60	56.994	2.34	2.27	1.95	
1325.00	21.050	64.600	1304.62	-39.18	92.97	150.12	1726434.01	14372299.27	39°34'38.5038"N	80°41'41.0388"W	176.58	58.230	2.71	2.64	1.80	
1419.00	21.070	62.990	1392.35	-43.44	107.88	180.43	1726464.30	14372314.18	39°34'38.6502"N	80°41'40.6512"W	210.22	59.123	0.62	0.02	-1.71	
1514.00	20.600	62.050	1481.13	-48.45	123.47	210.40	1726494.27	14372329.76	39°34'38.8033"N	80°41'40.2677"W	243.96	59.594	0.61	-0.49	-0.99	
1608.00	20.510	60.560	1569.15	-54.04	139.32	239.35	1726523.21	14372345.60	39°34'38.9589"N	80°41'39.8973"W	276.94	59.798	0.56	-0.10	-1.59	
1702.00	21.780	63.170	1656.82	-59.43	155.28	269.26	1726553.10	14372361.56	39°34'39.1157"N	80°41'39.5147"W	310.82	60.027	1.68	1.35	2.78	
1797.00	22.290	63.410	1744.88	-64.24	171.30	301.09	1726584.93	14372377.57	39°34'39.2729"N	80°41'39.1074"W	346.41	60.363	0.55	0.54	0.25	
1892.00	22.520	62.710	1832.71	-69.27	187.71	333.37	1726617.19	14372393.97	39°34'39.4340"N	80°41'38.6944"W	382.59	60.618	0.37	0.24	-0.74	
1986.00	22.620	62.300	1919.51	-74.63	204.36	365.38	1726649.18	14372410.62	39°34'39.5975"N	80°41'38.2850"W	418.65	60.781	0.20	0.11	-0.44	
2080.00	22.990	60.880	2006.16	-80.63	221.70	397.42	1726681.21	14372427.95	39°34'39.7678"N	80°41'37.8750"W	455.07	60.845	0.71	0.39	-1.51	
2174.00	23.320	60.070	2092.59	-87.41	239.92	429.58	1726713.36	14372446.16	39°34'39.9467"N	80°41'37.4635"W	492.04	60.817	0.49	0.35	-0.86	
2269.00	23.450	58.680	2179.79	-95.04	259.12	462.02	1726745.79	14372465.36	39°34'40.1355"N	80°41'37.0483"W	529.73	60.714	0.60	0.14	-1.46	
2363.00	22.130	58.060	2266.45	-103.03	278.21	493.03	1726776.78	14372484.45	39°34'40.3231"N	80°41'36.6516"W	566.11	60.564	1.43	-1.40	-0.66	
2457.00	22.310	57.860	2353.47	-111.08	297.07	523.16	1726806.90	14372503.30	39°34'40.5085"N	80°41'36.2659"W	601.62	60.410	0.21	0.19	-0.21	
2552.00	20.430	58.310	2441.93	-118.85	315.38	552.54	1726836.27	14372521.59	39°34'40.6884"N	80°41'35.8899"W	636.21	60.283	1.99	-1.98	0.47	
2646.00	20.160	57.950	2530.10	-126.14	332.59	580.23	1726863.95	14372538.80	39°34'40.8576"N	80°41'35.5355"W	668.79	60.178	0.32	-0.29	-0.38	



Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'

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Operator	ANTERO RESOURCES CORPORATION	Well	Teocalli Unit 1H
Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (273 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
2740.00	20.160	57.610	2618.34	-133.58	349.86	607.64	1726891.35	14372556.07	39°34'41.0274"N	80°41'35.1848"W	701.16	60.068	0.12	0.00	-0.36	
2834.00	19.830	56.980	2706.67	-141.22	367.23	634.68	1726918.38	14372573.43	39°34'41.1981"N	80°41'34.8386"W	733.27	59.946	0.42	-0.35	-0.67	
2925.00	19.380	55.960	2792.40	-148.90	384.09	660.14	1726943.83	14372590.28	39°34'41.3639"N	80°41'34.5128"W	763.75	59.808	0.62	-0.49	-1.12	
3023.00	18.980	55.240	2884.96	-157.48	402.28	686.70	1726970.38	14372608.46	39°34'41.5427"N	80°41'34.1727"W	795.86	59.638	0.47	-0.41	-0.73	
3118.00	19.350	54.030	2974.69	-166.29	420.33	712.13	1726995.80	14372626.51	39°34'41.7203"N	80°41'33.8472"W	826.93	59.449	0.57	0.39	-1.27	
3212.00	19.200	52.720	3063.42	-175.71	438.84	737.04	1727020.70	14372645.01	39°34'41.9024"N	80°41'33.5283"W	857.79	59.230	0.49	-0.16	-1.39	
3306.00	18.130	50.600	3152.48	-185.68	457.49	760.64	1727044.29	14372663.65	39°34'42.0859"N	80°41'33.2261"W	887.62	58.975	1.35	-1.14	-2.26	
3401.00	18.560	53.170	3242.65	-195.49	475.93	784.16	1727067.80	14372682.09	39°34'42.2674"N	80°41'32.9249"W	917.29	58.745	0.96	0.45	2.71	
3495.00	18.170	55.130	3331.86	-204.10	493.28	808.16	1727091.79	14372699.43	39°34'42.4380"N	80°41'32.6176"W	946.81	58.601	0.78	-0.41	2.09	
3589.00	17.570	53.220	3421.33	-212.47	510.16	831.55	1727115.17	14372716.30	39°34'42.6040"N	80°41'32.3182"W	975.57	58.471	0.89	-0.64	-2.03	
3627.00	17.080	52.210	3457.61	-216.03	517.01	840.55	1727124.17	14372723.15	39°34'42.6714"N	80°41'32.2029"W	986.83	58.405	1.51	-1.29	-2.66	
3750.00	16.350	50.170	3575.41	-228.03	539.17	868.12	1727151.73	14372745.30	39°34'42.8895"N	80°41'31.8498"W	1021.93	58.157	0.76	-0.59	-1.66	APS EM <8-3/4"> (3627')(3750'-6674')
3844.00	18.220	50.610	3665.16	-237.88	556.97	889.64	1727173.24	14372763.09	39°34'43.0647"N	80°41'31.5742"W	1049.61	57.951	1.99	1.99	0.47	
3938.00	20.340	51.130	3753.88	-248.58	576.55	913.72	1727197.31	14372782.66	39°34'43.2574"N	80°41'31.2659"W	1080.41	57.749	2.26	2.26	0.55	
4033.00	21.860	55.690	3842.52	-258.89	596.88	941.19	1727224.77	14372802.99	39°34'43.4574"N	80°41'30.9142"W	1114.50	57.618	2.35	1.60	4.80	
4127.00	23.000	58.350	3929.41	-267.56	616.38	971.28	1727254.85	14372822.48	39°34'43.6491"N	80°41'30.5291"W	1150.35	57.600	1.62	1.21	2.83	
4221.00	22.140	57.180	4016.21	-275.84	635.62	1001.80	1727285.35	14372841.71	39°34'43.8382"N	80°41'30.1384"W	1186.43	57.606	1.03	-0.91	-1.24	
4315.00	21.490	52.870	4103.48	-285.46	655.62	1030.41	1727313.96	14372861.70	39°34'44.0349"N	80°41'29.7721"W	1221.30	57.533	1.84	-0.69	-4.59	
4410.00	21.470	59.000	4191.89	-294.52	675.08	1059.19	1727342.73	14372881.15	39°34'44.2262"N	80°41'29.4037"W	1256.03	57.489	2.36	-0.02	6.45	
4504.00	22.070	61.370	4279.19	-301.08	692.40	1089.44	1727372.96	14372898.47	39°34'44.3964"N	80°41'29.0167"W	1290.85	57.562	1.13	0.64	2.52	
4598.00	20.150	57.660	4366.88	-307.80	709.52	1118.62	1727402.13	14372915.58	39°34'44.5647"N	80°41'28.6432"W	1324.67	57.614	2.49	-2.04	-3.95	
4693.00	19.040	63.740	4456.39	-313.57	725.14	1146.35	1727429.85	14372931.19	39°34'44.7180"N	80°41'28.2885"W	1356.44	57.684	2.44	-1.17	6.40	
4787.00	18.210	68.520	4545.47	-316.17	737.30	1173.77	1727457.26	14372943.35	39°34'44.8373"N	80°41'27.9377"W	1386.12	57.865	1.85	-0.88	5.09	
4881.00	16.710	62.440	4635.14	-318.84	748.93	1199.42	1727482.90	14372954.98	39°34'44.9514"N	80°41'27.6096"W	1414.04	58.019	2.51	-1.60	-6.47	
4975.00	17.590	63.120	4724.96	-322.82	761.61	1224.07	1727507.54	14372967.65	39°34'45.0758"N	80°41'27.2943"W	1441.66	58.110	0.96	0.94	0.72	
5069.00	18.600	60.810	4814.32	-327.44	775.34	1249.83	1727533.28	14372981.37	39°34'45.2107"N	80°41'26.9647"W	1470.79	58.186	1.32	1.07	-2.46	
5164.00	20.290	58.380	4903.89	-333.75	791.36	1277.08	1727560.53	14372997.39	39°34'45.3681"N	80°41'26.6159"W	1502.40	58.215	1.97	1.78	-2.56	
5258.00	22.860	55.950	4991.30	-342.08	810.14	1306.09	1727589.53	14373016.16	39°34'45.5527"N	80°41'26.2446"W	1536.95	58.190	2.89	2.73	-2.59	
5353.00	21.720	50.920	5079.21	-352.94	831.55	1335.03	1727618.46	14373037.57	39°34'45.7633"N	80°41'25.8741"W	1572.83	58.082	2.34	-1.20	-5.29	
5447.00	21.390	53.220	5166.64	-364.18	852.78	1362.26	1727645.68	14373058.79	39°34'45.9722"N	80°41'25.5253"W	1607.17	57.963	0.96	-0.35	2.45	



Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'

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REFERENCE WELLPATH IDENTIFICATION

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Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

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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
5541.00	21.250	54.580	5254.21	-374.26	872.92	1389.88	1727673.28	14373078.91	39°34'46.1703"N	80°41'25.1718"W	1641.26	57.869	0.55	-0.15	1.45	
5636.00	19.800	57.410	5343.18	-382.93	891.56	1417.46	1727700.86	14373097.55	39°34'46.3536"N	80°41'24.8187"W	1674.54	57.831	1.85	-1.53	2.98	
5730.00	21.710	60.720	5431.07	-389.80	908.64	1446.05	1727729.43	14373114.63	39°34'46.5215"N	80°41'24.4529"W	1707.83	57.856	2.38	2.03	3.52	
5824.00	20.130	57.620	5518.88	-396.68	925.81	1474.87	1727758.24	14373131.79	39°34'46.6901"N	80°41'24.0840"W	1741.37	57.883	2.05	-1.68	-3.30	
5919.00	21.180	59.450	5607.77	-403.93	943.29	1503.46	1727786.82	14373149.26	39°34'46.8619"N	80°41'23.7181"W	1774.88	57.895	1.30	1.11	1.93	
6013.00	23.400	60.960	5694.74	-410.61	960.98	1534.41	1727817.75	14373166.95	39°34'47.0357"N	80°41'23.3221"W	1810.50	57.941	2.44	2.36	1.61	
6107.00	22.510	58.480	5781.30	-417.80	979.45	1566.07	1727849.40	14373185.41	39°34'47.2172"N	80°41'22.9170"W	1847.13	57.977	1.40	-0.95	-2.64	
6201.00	20.600	54.600	5868.73	-426.40	998.44	1594.89	1727878.21	14373204.39	39°34'47.4039"N	80°41'22.5480"W	1881.64	57.952	2.53	-2.03	-4.13	
6295.00	19.140	61.640	5957.14	-433.60	1015.34	1621.93	1727905.25	14373221.28	39°34'47.5700"N	80°41'22.2019"W	1913.53	57.953	2.98	-1.55	7.49	
6389.00	19.820	63.980	6045.76	-438.08	1029.86	1649.82	1727933.12	14373235.59	39°34'47.7105"N	80°41'21.8452"W	1944.76	58.032	1.10	0.72	2.49	
6484.00	19.220	64.290	6135.30	-441.91	1043.50	1678.38	1727961.67	14373249.43	39°34'47.8464"N	80°41'21.4798"W	1976.32	58.129	0.64	-0.63	0.33	
6578.00	19.260	64.530	6224.05	-445.49	1056.88	1706.32	1727989.59	14373262.81	39°34'47.9777"N	80°41'21.1224"W	2007.12	58.226	0.09	0.04	0.26	
6674.00	17.830	66.460	6315.06	-448.46	1069.56	1734.09	1728017.35	14373275.48	39°34'48.1020"N	80°41'20.7672"W	2037.40	58.334	1.62	-1.49	2.01	
6729.00	20.020	64.870	6367.09	-450.15	1076.92	1750.33	1728033.59	14373282.84	39°34'48.1742"N	80°41'20.5594"W	2055.10	58.397	4.09	3.98	-2.89	BH Lucida <8-1/2"> (6674')(6729'-25368')
6823.00	19.900	66.760	6455.44	-453.08	1090.07	1779.60	1728062.85	14373295.98	39°34'48.3031"N	80°41'20.1850"W	2086.92	58.511	0.70	-0.13	2.01	
6918.00	19.820	72.350	6544.80	-453.92	1101.33	1809.80	1728093.04	14373307.24	39°34'48.4134"N	80°41'19.7987"W	2118.57	58.678	2.00	-0.08	5.88	
7012.00	20.310	92.460	6633.20	-447.60	1105.47	1841.33	1728124.55	14373311.38	39°34'48.4532"N	80°41'19.3960"W	2147.69	59.021	7.32	0.52	21.39	
7093.00†	23.279	115.347	6708.54	-431.26	1098.00	1869.90	1728153.11	14373303.91	39°34'48.3784"N	80°41'19.0314"W	2168.44	59.579	11.03	3.67	28.26	Sycamore: 7093' MD
7106.00	24.020	118.410	6720.45	-427.52	1095.64	1874.54	1728157.76	14373301.55	39°34'48.3550"N	80°41'18.9722"W	2171.25	59.694	11.03	5.70	23.56	
7200.00	29.530	132.570	6804.42	-393.02	1070.82	1908.49	1728191.69	14373276.74	39°34'48.1085"N	80°41'18.5397"W	2188.38	60.704	8.93	5.86	15.06	
7244.00†	33.809	138.947	6841.87	-372.13	1054.24	1924.53	1728207.72	14373260.17	39°34'47.9441"N	80°41'18.3356"W	2194.37	61.286	12.34	9.73	14.49	Middlesex: 7244' MD
7295.00	39.090	144.720	6882.89	-343.52	1030.40	1943.15	1728226.34	14373236.33	39°34'47.7078"N	80°41'18.0988"W	2199.45	62.064	12.34	10.35	11.32	
7373.00†	46.439	148.568	6940.13	-292.25	986.14	1972.14	1728255.31	14373192.09	39°34'47.2694"N	80°41'17.7306"W	2204.95	63.433	10.00	9.42	4.93	Burkett: 7373' MD
7389.00	47.960	149.240	6951.00	-280.78	976.09	1978.20	1728261.37	14373182.04	39°34'47.1698"N	80°41'17.6536"W	2205.91	63.737	10.00	9.51	4.20	
7424.00†	51.901	150.108	6973.52	-254.52	952.97	1991.72	1728274.88	14373158.93	39°34'46.9409"N	80°41'17.4820"W	2207.96	64.430	11.42	11.26	2.48	Tully: 7424' MD
7484.00	58.670	151.400	7007.67	-206.02	909.95	2015.78	1728298.93	14373115.93	39°34'46.5149"N	80°41'17.1766"W	2211.64	65.705	11.42	11.28	2.15	
7578.00	67.620	153.270	7050.10	-123.21	835.73	2054.63	1728337.77	14373041.74	39°34'45.7800"N	80°41'16.6838"W	2218.09	67.866	9.68	9.52	1.99	
7627.00†	72.437	156.315	7066.83	-77.45	794.07	2074.21	1728357.35	14373000.10	39°34'45.3677"N	80°41'16.4355"W	2221.02	69.052	11.43	9.83	6.21	Marcellus POE: 7627' MD
7672.00	76.900	158.970	7078.73	-34.14	753.95	2090.71	1728373.83	14372959.99	39°34'44.9705"N	80°41'16.2266"W	2222.50	70.170	11.43	9.92	5.90	
7766.00	87.320	163.580	7091.62	58.81	665.90	2120.50	1728403.62	14372871.97	39°34'44.0993"N	80°41'15.8500"W	2222.60	72.566	12.10	11.09	4.90	



Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Teocalli Unit 1H
Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (273 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
7861.00	89.970	163.270	7093.87	153.70	574.88	2147.59	1728430.70	14372780.99	39°34'43.1988"N	80°41'15.5081"W	2223.21	75.014	2.81	2.79	-0.33	
7955.00	89.940	161.350	7093.94	247.67	485.33	2176.16	1728459.25	14372691.48	39°34'42.3128"N	80°41'15.1473"W	2229.62	77.428	2.04	-0.03	-2.04	
8049.00	89.940	161.030	7094.04	341.67	396.35	2206.46	1728489.55	14372602.53	39°34'41.4323"N	80°41'14.7641"W	2241.78	79.817	0.34	0.00	-0.34	
8143.00	90.000	161.170	7094.09	435.67	307.41	2236.91	1728519.98	14372513.63	39°34'40.5524"N	80°41'14.3792"W	2257.94	82.175	0.16	0.06	0.15	
8237.00	90.060	161.480	7094.04	529.67	218.36	2267.01	1728550.07	14372424.62	39°34'39.6712"N	80°41'13.9988"W	2277.50	84.498	0.34	0.06	0.33	
8332.00	90.280	161.490	7093.76	624.66	128.28	2297.18	1728580.22	14372334.57	39°34'38.7799"N	80°41'13.6175"W	2300.76	86.804	0.23	0.23	0.01	
8426.00	90.060	161.730	7093.48	718.66	39.08	2326.83	1728609.87	14372245.41	39°34'37.8973"N	80°41'13.2428"W	2327.16	89.038	0.35	-0.23	0.26	
8521.00	90.000	161.030	7093.43	813.66	-50.94	2357.17	1728640.19	14372155.42	39°34'37.0065"N	80°41'12.8594"W	2357.72	91.238	0.74	-0.06	-0.74	
8615.00	90.150	161.130	7093.31	907.66	-139.87	2387.65	1728670.66	14372066.53	39°34'36.1266"N	80°41'12.4741"W	2391.74	93.352	0.19	0.16	0.11	
8709.00	91.260	160.600	7092.15	1001.65	-228.86	2418.46	1728701.45	14371977.77	39°34'35.2480"N	80°41'12.0846"W	2429.24	95.401	1.31	1.18	-0.56	
8804.00	90.830	161.060	7090.42	1096.63	-318.38	2449.65	1728732.63	14371888.09	39°34'34.3602"N	80°41'11.6903"W	2470.25	97.405	0.66	-0.45	0.48	
8898.00	90.250	160.530	7089.53	1190.62	-407.14	2480.57	1728763.54	14371799.36	39°34'33.4819"N	80°41'11.2994"W	2513.76	99.321	0.84	-0.62	-0.56	
8992.00	92.030	163.820	7087.66	1284.57	-496.60	2509.33	1728792.29	14371709.94	39°34'32.5968"N	80°41'10.9360"W	2558.00	101.194	3.98	1.89	3.50	
9087.00	89.910	160.910	7086.05	1379.52	-587.11	2538.10	1728821.05	14371619.47	39°34'31.7013"N	80°41'10.5726"W	2605.12	103.024	3.79	-2.23	-3.06	
9181.00	90.400	160.840	7085.80	1473.52	-675.92	2568.90	1728851.84	14371530.69	39°34'30.8225"N	80°41'10.1833"W	2656.33	104.741	0.53	0.52	-0.07	
9275.00	89.510	161.140	7085.87	1567.51	-764.79	2599.52	1728882.44	14371441.85	39°34'29.9431"N	80°41'9.7962"W	2709.68	106.394	1.00	-0.95	0.32	
9369.00	90.000	161.140	7086.27	1661.51	-853.74	2629.90	1728912.82	14371352.93	39°34'29.0629"N	80°41'9.4122"W	2765.01	107.985	0.52	0.52	0.00	
9464.00	89.230	160.010	7086.91	1756.51	-943.33	2661.50	1728944.40	14371263.38	39°34'28.1764"N	80°41'9.0127"W	2823.73	109.516	1.44	-0.81	-1.19	
9559.00	89.780	160.870	7087.73	1851.49	-1032.84	2693.30	1728976.19	14371173.90	39°34'27.2907"N	80°41'8.6106"W	2884.55	110.981	1.07	0.58	0.91	
9653.00	89.420	160.380	7088.39	1945.49	-1121.52	2724.48	1729007.36	14371085.26	39°34'26.4132"N	80°41'8.2163"W	2946.29	112.374	0.65	-0.38	-0.52	
9747.00	89.600	160.770	7089.19	2039.48	-1210.16	2755.74	1729038.61	14370996.65	39°34'25.5360"N	80°41'7.8211"W	3009.75	113.708	0.46	0.19	0.41	
9841.00	90.120	160.890	7089.42	2133.48	-1298.95	2786.61	1729069.46	14370907.90	39°34'24.6575"N	80°41'7.4308"W	3074.49	114.992	0.57	0.55	0.13	
9936.00	90.120	160.890	7089.22	2228.48	-1388.71	2817.71	1729100.55	14370818.17	39°34'23.7692"N	80°41'7.0377"W	3141.34	116.236	0.00	0.00	0.00	
10030.00	90.120	161.040	7089.03	2322.48	-1477.57	2848.37	1729131.20	14370729.35	39°34'22.8899"N	80°41'6.6502"W	3208.81	117.418	0.16	0.00	0.16	
10125.00	90.490	161.240	7088.52	2417.48	-1567.47	2879.08	1729161.90	14370639.49	39°34'22.0004"N	80°41'6.2620"W	3278.12	118.565	0.44	0.39	0.21	
10219.00	90.740	159.940	7087.51	2511.47	-1656.12	2910.31	1729193.12	14370550.87	39°34'21.1232"N	80°41'5.8671"W	3348.53	119.642	1.41	0.27	-1.38	
10313.00	90.280	160.780	7086.68	2605.46	-1744.65	2941.91	1729224.70	14370462.38	39°34'20.2472"N	80°41'5.4676"W	3420.32	120.669	1.02	-0.49	0.89	
10408.00	89.570	161.170	7086.80	2700.46	-1834.46	2972.88	1729255.66	14370372.60	39°34'19.3585"N	80°41'5.0762"W	3493.31	121.677	0.85	-0.75	0.41	
10502.00	89.660	161.070	7087.43	2794.45	-1923.40	3003.29	1729286.06	14370283.70	39°34'18.4784"N	80°41'4.6918"W	3566.40	122.637	0.14	0.10	-0.11	
10596.00	89.630	160.650	7088.01	2888.45	-2012.20	3034.11	1729316.87	14370194.93	39°34'17.5997"N	80°41'4.3022"W	3640.71	123.552	0.45	-0.03	-0.45	



Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Teocalli Unit 1H
Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (273 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
10690.00	89.600	160.340	7088.65	2982.44	-2100.80	3065.50	1729348.24	14370106.36	39°34'16.7229"N	80°41'3.9054"W	3716.27	124.423	0.33	-0.03	-0.33	
10784.00	89.630	160.870	7089.28	3076.44	-2189.47	3096.71	1729379.44	14370017.73	39°34'15.8456"N	80°41'3.5107"W	3792.54	125.261	0.56	0.03	0.56	
10879.00	90.030	160.950	7089.56	3171.44	-2279.24	3127.78	1729410.50	14369927.99	39°34'14.9572"N	80°41'3.1180"W	3870.14	126.081	0.43	0.42	0.08	
10973.00	89.540	160.870	7089.91	3265.44	-2368.07	3158.52	1729441.23	14369839.20	39°34'14.0782"N	80°41'2.7294"W	3947.66	126.860	0.53	-0.52	-0.09	
11067.00	89.600	161.500	7090.62	3359.43	-2457.05	3188.84	1729471.53	14369750.26	39°34'13.1978"N	80°41'2.3463"W	4025.64	127.615	0.67	0.06	0.67	
11161.00	90.250	160.570	7090.74	3453.43	-2545.94	3219.39	1729502.07	14369661.40	39°34'12.3182"N	80°41'1.9602"W	4104.42	128.338	1.21	0.69	-0.99	
11255.00	89.170	158.920	7091.22	3547.40	-2634.12	3251.93	1729534.60	14369573.25	39°34'11.4456"N	80°41'1.5486"W	4184.93	129.008	2.10	-1.15	-1.76	
11349.00	89.690	157.260	7092.15	3641.27	-2721.33	3287.00	1729569.66	14369486.08	39°34'10.5825"N	80°41'1.1047"W	4267.32	129.622	1.85	0.55	-1.77	
11443.00	89.600	160.680	7092.73	3735.19	-2809.05	3320.73	1729603.37	14369398.39	39°34'9.7143"N	80°41'0.6780"W	4349.48	130.228	3.64	-0.10	3.64	
11538.00	89.600	160.800	7093.40	3830.19	-2898.73	3352.06	1729634.69	14369308.75	39°34'8.8269"N	80°41'0.2819"W	4431.59	130.852	0.13	0.00	0.13	
11631.00	89.660	160.940	7094.00	3923.18	-2986.59	3382.54	1729665.16	14369220.92	39°34'7.9575"N	80°40'59.8966"W	4512.35	131.443	0.16	0.06	0.15	
11725.00	89.350	160.140	7094.81	4017.18	-3075.22	3413.85	1729696.46	14369132.33	39°34'7.0805"N	80°40'59.5008"W	4594.71	132.013	0.91	-0.33	-0.85	
11820.00	90.090	160.610	7095.27	4112.17	-3164.70	3445.76	1729728.35	14369042.89	39°34'6.1950"N	80°40'59.0974"W	4678.52	132.565	0.92	0.78	0.49	
11914.00	90.150	160.710	7095.08	4206.16	-3253.40	3476.89	1729759.47	14368954.22	39°34'5.3174"N	80°40'58.7039"W	4761.65	133.098	0.12	0.06	0.11	
12008.00	90.060	160.710	7094.90	4300.16	-3342.12	3507.94	1729790.51	14368865.54	39°34'4.4394"N	80°40'58.3113"W	4845.14	133.613	0.10	-0.10	0.00	
12102.00	89.940	160.260	7094.90	4394.16	-3430.72	3539.34	1729821.90	14368776.97	39°34'3.5627"N	80°40'57.9144"W	4929.18	134.107	0.50	-0.13	-0.48	
12196.00	89.910	160.610	7095.03	4488.15	-3519.29	3570.82	1729853.37	14368688.43	39°34'2.6862"N	80°40'57.5164"W	5013.60	134.584	0.37	-0.03	0.37	
12290.00	89.850	160.510	7095.22	4582.15	-3607.93	3602.11	1729884.64	14368599.83	39°34'1.8091"N	80°40'57.1209"W	5098.27	135.046	0.12	-0.06	-0.11	
12384.00	89.970	160.570	7095.37	4676.15	-3696.56	3633.42	1729915.94	14368511.23	39°34'0.9320"N	80°40'56.7250"W	5183.27	135.494	0.14	0.13	0.06	
12478.00	89.940	160.440	7095.45	4770.14	-3785.17	3664.79	1729947.30	14368422.66	39°34'0.0552"N	80°40'56.3285"W	5268.61	135.926	0.14	-0.03	-0.14	
12572.00	90.830	160.780	7094.81	4864.13	-3873.84	3696.00	1729978.50	14368334.03	39°33'59.1778"N	80°40'55.9340"W	5354.16	136.346	1.01	0.95	0.36	
12666.00	89.420	158.620	7094.61	4958.10	-3961.99	3728.61	1730011.09	14368245.91	39°33'58.3054"N	80°40'55.5216"W	5440.58	136.738	2.74	-1.50	-2.30	
12761.00	90.310	160.900	7094.83	5053.07	-4051.12	3761.47	1730043.94	14368156.82	39°33'57.4234"N	80°40'55.1060"W	5528.13	137.123	2.58	0.94	2.40	
12855.00	90.710	160.750	7094.00	5147.06	-4139.90	3792.35	1730074.80	14368068.07	39°33'56.5449"N	80°40'54.7158"W	5614.33	137.509	0.45	0.43	-0.16	
12949.00	89.850	160.630	7093.54	5241.06	-4228.61	3823.43	1730105.87	14367979.39	39°33'55.6671"N	80°40'54.3229"W	5700.86	137.881	0.92	-0.91	-0.13	
13044.00	90.150	160.950	7093.54	5336.06	-4318.32	3854.69	1730137.12	14367889.72	39°33'54.7793"N	80°40'53.9279"W	5788.48	138.247	0.46	0.32	0.34	
13138.00	89.600	160.530	7093.74	5430.06	-4407.06	3885.69	1730168.11	14367801.02	39°33'53.9012"N	80°40'53.5360"W	5875.44	138.597	0.74	-0.59	-0.45	
13232.00	89.850	161.020	7094.19	5524.05	-4495.81	3916.64	1730199.05	14367712.29	39°33'53.0230"N	80°40'53.1448"W	5962.59	138.938	0.59	0.27	0.52	
13326.00	89.720	161.130	7094.55	5618.05	-4584.73	3947.13	1730229.53	14367623.41	39°33'52.1431"N	80°40'52.7595"W	6049.76	139.274	0.18	-0.14	0.12	
13420.00	89.450	160.790	7095.23	5712.05	-4673.59	3977.80	1730260.18	14367534.59	39°33'51.2639"N	80°40'52.3720"W	6137.20	139.598	0.46	-0.29	-0.36	



Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Teocalli Unit 1H
Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (273 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
13515.00	89.660	160.500	7095.96	5807.05	-4763.22	4009.28	1730291.65	14367445.00	39°33'50.3769"N	80°40'51.9741"W	6225.96	139.912	0.38	0.22	-0.31	
13609.00	89.380	160.020	7096.75	5901.03	-4851.69	4041.03	1730323.39	14367356.56	39°33'49.5014"N	80°40'51.5727"W	6314.17	140.209	0.59	-0.30	-0.51	
13703.00	90.620	161.130	7096.75	5995.03	-4940.33	4072.29	1730354.64	14367267.95	39°33'48.6242"N	80°40'51.1776"W	6402.38	140.501	1.77	1.32	1.18	
13797.00	89.570	160.460	7096.60	6089.02	-5029.10	4103.21	1730385.54	14367179.22	39°33'47.7459"N	80°40'50.7868"W	6490.62	140.789	1.33	-1.12	-0.71	
13891.00	89.690	160.460	7097.20	6183.02	-5117.69	4134.65	1730416.97	14367090.67	39°33'46.8693"N	80°40'50.3894"W	6579.21	141.065	0.13	0.13	0.00	
13985.00	89.750	160.820	7097.66	6277.01	-5206.37	4165.81	1730448.12	14367002.02	39°33'45.9917"N	80°40'49.9955"W	6667.85	141.335	0.39	0.06	0.38	
14080.00	89.780	160.530	7098.05	6372.01	-5296.02	4197.25	1730479.54	14366912.41	39°33'45.1046"N	80°40'49.5982"W	6757.56	141.602	0.31	0.03	-0.31	
14174.00	89.540	160.430	7098.61	6466.00	-5384.61	4228.65	1730510.94	14366823.85	39°33'44.2279"N	80°40'49.2012"W	6846.57	141.857	0.28	-0.26	-0.11	
14268.00	89.380	160.490	7099.50	6559.99	-5473.19	4260.09	1730542.37	14366735.30	39°33'43.3513"N	80°40'48.8038"W	6935.72	142.104	0.18	-0.17	0.06	
14362.00	89.480	161.910	7100.43	6653.99	-5562.17	4290.38	1730572.65	14366646.36	39°33'42.4709"N	80°40'48.4211"W	7024.61	142.355	1.51	0.11	1.51	
14457.00	89.380	161.850	7101.38	6748.97	-5652.46	4319.93	1730602.18	14366556.11	39°33'41.5775"N	80°40'48.0480"W	7114.21	142.611	0.12	-0.11	-0.06	
14551.00	89.290	161.900	7102.47	6842.96	-5741.79	4349.17	1730631.41	14366466.81	39°33'40.6936"N	80°40'47.6787"W	7203.01	142.858	0.11	-0.10	0.05	
14645.00	89.290	161.160	7103.63	6936.95	-5830.94	4378.95	1730661.17	14366377.70	39°33'39.8115"N	80°40'47.3025"W	7292.12	143.094	0.79	0.00	-0.79	
14739.00	89.140	161.610	7104.92	7030.93	-5920.01	4408.95	1730691.16	14366288.66	39°33'38.9301"N	80°40'46.9235"W	7381.42	143.323	0.50	-0.16	0.48	
14834.00	89.170	160.990	7106.32	7125.92	-6009.99	4439.40	1730721.61	14366198.72	39°33'38.0398"N	80°40'46.5388"W	7471.83	143.548	0.65	0.03	-0.65	
14928.00	89.170	160.970	7107.68	7219.91	-6098.84	4470.03	1730752.23	14366109.90	39°33'37.1605"N	80°40'46.1517"W	7561.55	143.761	0.02	0.00	-0.02	
15022.00	89.660	161.920	7108.64	7313.90	-6187.95	4499.94	1730782.12	14366020.82	39°33'36.2788"N	80°40'45.7739"W	7651.16	143.975	1.14	0.52	1.01	
15116.00	88.650	160.970	7110.03	7407.89	-6277.05	4529.85	1730812.02	14365931.76	39°33'35.3971"N	80°40'45.3961"W	7740.86	144.184	1.47	-1.07	-1.01	
15211.00	89.320	161.620	7111.71	7502.87	-6367.02	4560.31	1730842.47	14365841.82	39°33'34.5069"N	80°40'45.0113"W	7831.69	144.388	0.98	0.71	0.68	
15305.00	89.290	161.920	7112.85	7596.86	-6456.30	4589.72	1730871.86	14365752.58	39°33'33.6235"N	80°40'44.6399"W	7921.44	144.591	0.32	-0.03	0.32	
15399.00	88.550	160.650	7114.62	7690.84	-6545.31	4619.87	1730902.00	14365663.61	39°33'32.7427"N	80°40'44.2590"W	8011.51	144.784	1.56	-0.79	-1.35	
15494.00	89.140	161.540	7116.54	7785.82	-6635.16	4650.65	1730932.77	14365573.79	39°33'31.8536"N	80°40'43.8702"W	8102.71	144.973	1.12	0.62	0.94	
15588.00	89.110	161.580	7117.97	7879.80	-6724.33	4680.38	1730962.48	14365484.66	39°33'30.9713"N	80°40'43.4947"W	8192.83	145.161	0.05	-0.03	0.04	
15682.00	89.570	161.850	7119.06	7973.79	-6813.57	4709.87	1730991.96	14365395.45	39°33'30.0882"N	80°40'43.1222"W	8282.97	145.346	0.57	0.49	0.29	
15776.00	89.380	161.460	7119.92	8067.78	-6902.79	4739.45	1731021.53	14365306.26	39°33'29.2054"N	80°40'42.7486"W	8373.23	145.527	0.46	-0.20	-0.41	
15871.00	89.410	161.510	7120.92	8162.77	-6992.87	4769.62	1731051.69	14365216.22	39°33'28.3141"N	80°40'42.3676"W	8464.60	145.703	0.06	0.03	0.05	
15965.00	89.450	161.250	7121.86	8256.77	-7081.95	4799.63	1731081.69	14365127.18	39°33'27.4327"N	80°40'41.9885"W	8555.14	145.873	0.28	0.04	-0.28	
16059.00	89.290	161.520	7122.89	8350.76	-7171.02	4829.63	1731111.68	14365038.14	39°33'26.5513"N	80°40'41.6095"W	8645.75	146.040	0.33	-0.17	0.29	
16154.00	89.690	161.680	7123.74	8445.75	-7261.16	4859.62	1731141.65	14364948.04	39°33'25.6593"N	80°40'41.2308"W	8737.30	146.207	0.45	0.42	0.17	
16248.00	89.820	161.350	7124.14	8539.75	-7350.31	4889.42	1731171.44	14364858.92	39°33'24.7772"N	80°40'40.8543"W	8828.00	146.368	0.38	0.14	-0.35	



Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Teocalli Unit 1H
Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (273 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
16342.00	89.780	161.320	7124.47	8633.74	-7439.37	4919.50	1731201.52	14364769.90	39°33'23.8960"N	80°40'40.4743"W	8918.84	146.524	0.05	-0.04	-0.03	
16437.00	89.660	161.620	7124.93	8728.74	-7529.44	4949.69	1731231.69	14364679.86	39°33'23.0047"N	80°40'40.0930"W	9010.66	146.680	0.34	-0.13	0.32	
16531.00	89.630	161.480	7125.51	8822.74	-7618.61	4979.44	1731261.43	14364590.73	39°33'22.1224"N	80°40'39.7173"W	9101.54	146.832	0.15	-0.03	-0.15	
16625.00	89.750	161.370	7126.02	8916.73	-7707.71	5009.38	1731291.36	14364501.66	39°33'21.2407"N	80°40'39.3391"W	9192.54	146.979	0.17	0.13	-0.12	
16719.00	89.820	161.720	7126.37	9010.73	-7796.87	5039.14	1731321.11	14364412.53	39°33'20.3584"N	80°40'38.9633"W	9283.54	147.125	0.38	0.07	0.37	
16814.00	89.690	161.880	7126.78	9105.72	-7887.12	5068.81	1731350.77	14364322.32	39°33'19.4655"N	80°40'38.5886"W	9375.48	147.272	0.22	-0.14	0.17	
16908.00	89.970	161.620	7127.06	9199.71	-7976.39	5098.25	1731380.19	14364233.09	39°33'18.5821"N	80°40'38.2169"W	9466.52	147.415	0.41	0.30	-0.28	
17003.00	89.970	161.480	7127.11	9294.71	-8066.51	5128.31	1731410.25	14364143.01	39°33'17.6904"N	80°40'37.8372"W	9558.67	147.554	0.15	0.00	-0.15	
17097.00	90.120	161.610	7127.03	9388.70	-8155.68	5158.07	1731439.99	14364053.87	39°33'16.8081"N	80°40'37.4614"W	9649.91	147.689	0.21	0.16	0.14	
17192.00	90.060	161.780	7126.89	9483.70	-8245.87	5187.91	1731469.82	14363963.72	39°33'15.9157"N	80°40'37.0846"W	9742.11	147.824	0.19	-0.06	0.18	
17286.00	90.000	161.800	7126.84	9577.69	-8335.16	5217.28	1731499.18	14363874.46	39°33'15.0322"N	80°40'36.7136"W	9833.36	147.956	0.07	-0.06	0.02	
17381.00	88.920	160.420	7127.73	9672.68	-8425.04	5248.04	1731529.92	14363784.62	39°33'14.1428"N	80°40'36.3251"W	9925.88	148.081	1.84	-1.14	-1.45	
17475.00	89.450	160.520	7129.07	9766.67	-8513.62	5279.46	1731561.33	14363696.07	39°33'13.2662"N	80°40'35.9281"W	10017.70	148.196	0.57	0.56	0.11	
17570.00	90.000	161.730	7129.52	9861.66	-8603.51	5310.19	1731592.05	14363606.22	39°33'12.3767"N	80°40'35.5399"W	10110.31	148.317	1.40	0.58	1.27	
17664.00	89.600	161.730	7129.85	9955.86	-8692.77	5339.66	1731621.51	14363516.99	39°33'11.4935"N	80°40'35.1678"W	10201.77	148.439	0.43	-0.43	0.00	
17758.00	89.480	160.590	7130.61	10049.65	-8781.73	5370.01	1731651.85	14363428.07	39°33'10.6132"N	80°40'34.7843"W	10293.48	148.554	1.22	-0.13	-1.21	
17852.00	89.170	159.550	7131.71	10143.63	-8870.09	5402.05	1731683.87	14363339.74	39°33'9.7388"N	80°40'34.3794"W	10385.60	148.658	1.15	-0.33	-1.11	
17947.00	88.980	159.700	7133.25	10238.59	-8959.13	5435.12	1731716.93	14363250.73	39°33'8.8575"N	80°40'33.9613"W	10478.87	148.757	0.25	-0.20	0.16	
18041.00	89.540	161.460	7134.46	10332.57	-9047.78	5466.37	1731748.17	14363162.13	39°33'7.9804"N	80°40'33.5664"W	10570.88	148.861	1.96	0.60	1.87	
18135.00	89.690	161.440	7135.09	10426.57	-9136.89	5496.28	1731778.06	14363073.05	39°33'7.0986"N	80°40'33.1887"W	10662.64	148.971	0.16	0.16	-0.02	
18230.00	89.630	161.570	7135.66	10521.56	-9226.98	5526.41	1731808.19	14362982.99	39°33'6.2071"N	80°40'32.8082"W	10755.39	149.081	0.15	-0.06	0.14	
18324.00	89.630	161.670	7136.26	10615.56	-9316.18	5556.05	1731837.81	14362893.82	39°33'5.3244"N	80°40'32.4339"W	10847.17	149.189	0.11	0.00	0.11	
18418.00	89.720	161.340	7136.80	10709.55	-9405.33	5585.87	1731867.62	14362804.71	39°33'4.4424"N	80°40'32.0573"W	10939.02	149.294	0.36	0.10	-0.35	
18513.00	89.660	161.630	7137.31	10804.55	-9495.41	5616.04	1731897.78	14362714.67	39°33'3.5510"N	80°40'31.6764"W	11031.89	149.398	0.31	-0.06	0.31	
18607.00	90.090	161.720	7137.52	10898.54	-9584.64	5645.59	1731927.32	14362625.47	39°33'2.6880"N	80°40'31.3032"W	11123.76	149.501	0.47	0.46	0.10	
18701.00	90.000	161.500	7137.44	10992.54	-9673.84	5675.25	1731956.96	14362536.31	39°33'1.7854"N	80°40'30.9287"W	11215.69	149.602	0.25	-0.10	-0.23	
18890.00	89.880	161.310	7137.64	11181.53	-9852.97	5735.51	1732017.21	14362357.24	39°33'0.0128"N	80°40'30.1676"W	11400.76	149.796	0.12	-0.06	-0.10	
18984.00	90.000	161.410	7137.74	11275.53	-9942.04	5765.56	1732047.24	14362268.21	39°32'59.1315"N	80°40'29.7882"W	11492.86	149.890	0.17	0.13	0.11	
19078.00	90.090	161.550	7137.67	11369.53	-10031.18	5795.42	1732077.08	14362179.11	39°32'58.2495"N	80°40'29.4111"W	11584.96	149.983	0.18	0.10	0.15	
19172.00	89.940	161.730	7137.64	11463.52	-10120.39	5825.02	1732106.68	14362089.93	39°32'57.3667"N	80°40'29.0373"W	11677.04	150.076	0.25	-0.16	0.19	



Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Teocalli Unit 1H
Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (273 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
19266.00	90.000	161.120	7137.69	11557.52	-10209.49	5854.97	1732136.61	14362000.86	39°32'56.4850"N	80°40'28.6591"W	11769.21	150.166	0.65	0.06	-0.65	
19360.00	90.000	160.950	7137.69	11651.52	-10298.39	5885.52	1732167.15	14361912.00	39°32'55.6053"N	80°40'28.2733"W	11861.54	150.252	0.18	0.00	-0.18	
19454.00	89.820	161.460	7137.84	11745.52	-10387.38	5915.80	1732197.42	14361823.05	39°32'54.7248"N	80°40'27.8908"W	11953.84	150.338	0.58	-0.19	0.54	
19549.00	89.940	161.520	7138.04	11840.52	-10477.46	5945.96	1732227.57	14361733.00	39°32'53.8334"N	80°40'27.5099"W	12047.06	150.425	0.14	0.13	0.06	
19643.00	90.060	161.450	7138.04	11934.52	-10566.60	5975.81	1732257.41	14361643.90	39°32'52.9514"N	80°40'27.1330"W	12139.33	150.510	0.15	0.13	-0.07	
19738.00	90.000	161.320	7137.99	12029.51	-10656.63	6006.14	1732287.72	14361553.91	39°32'52.0605"N	80°40'26.7501"W	12232.64	150.594	0.15	-0.06	-0.14	
19832.00	89.970	161.480	7138.01	12123.51	-10745.72	6036.12	1732317.69	14361464.85	39°32'51.1789"N	80°40'26.3714"W	12324.98	150.676	0.17	-0.03	0.17	
19927.00	90.060	161.620	7137.99	12218.51	-10835.84	6066.18	1732347.75	14361374.77	39°32'50.2872"N	80°40'25.9918"W	12418.29	150.759	0.18	0.09	0.15	
20021.00	90.060	161.340	7137.89	12312.51	-10924.97	6096.04	1732377.59	14361285.67	39°32'49.4052"N	80°40'25.6148"W	12510.66	150.839	0.30	0.00	-0.30	
20116.00	89.910	161.350	7137.91	12407.50	-11014.98	6126.43	1732407.97	14361195.70	39°32'48.5146"N	80°40'25.2311"W	12604.08	150.918	0.16	-0.16	0.01	
20210.00	90.000	161.640	7137.99	12501.50	-11104.12	6156.26	1732437.79	14361106.59	39°32'47.6325"N	80°40'24.8543"W	12696.49	150.995	0.32	0.10	0.31	
20305.00	90.000	161.720	7137.99	12596.50	-11194.30	6186.12	1732467.64	14361016.44	39°32'46.7401"N	80°40'24.4773"W	12789.86	151.074	0.08	0.00	0.08	
20399.00	90.000	161.410	7137.99	12690.49	-11283.48	6215.85	1732497.35	14360927.30	39°32'45.8577"N	80°40'24.1020"W	12882.30	151.150	0.33	0.00	-0.33	
20588.00	90.030	161.310	7137.94	12879.49	-11462.56	6276.26	1732557.74	14360748.29	39°32'44.0856"N	80°40'23.3392"W	13068.35	151.297	0.06	0.02	-0.05	
20682.00	90.030	161.490	7137.89	12973.49	-11551.65	6306.24	1732587.71	14360659.23	39°32'43.2040"N	80°40'22.9606"W	13160.90	151.369	0.19	0.00	0.19	
20776.00	90.030	161.180	7137.84	13067.49	-11640.71	6336.32	1732617.78	14360570.21	39°32'42.3228"N	80°40'22.5807"W	13253.49	151.439	0.33	0.00	-0.33	
20871.00	90.000	160.950	7137.81	13162.49	-11730.57	6367.15	1732648.59	14360480.39	39°32'41.4336"N	80°40'22.1914"W	13347.17	151.508	0.24	-0.03	-0.24	
20965.00	89.940	161.520	7137.86	13256.48	-11819.57	6397.39	1732678.82	14360391.42	39°32'40.5529"N	80°40'21.8095"W	13439.82	151.575	0.61	-0.06	0.61	
21059.00	90.060	161.830	7137.86	13350.48	-11908.80	6426.94	1732708.36	14360302.22	39°32'39.6699"N	80°40'21.4364"W	13532.38	151.645	0.35	0.13	0.33	
21249.00	89.750	161.550	7138.18	13540.47	-12089.18	6486.63	1732768.03	14360121.91	39°32'37.8850"N	80°40'20.6829"W	13719.50	151.784	0.22	-0.16	-0.15	
21343.00	89.750	161.490	7138.59	13634.46	-12178.34	6516.43	1732797.81	14360032.80	39°32'37.0028"N	80°40'20.3067"W	13812.16	151.849	0.06	0.00	-0.06	
21437.00	89.690	161.490	7139.05	13728.46	-12267.47	6546.27	1732827.64	14359943.70	39°32'36.1208"N	80°40'19.9299"W	13904.84	151.914	0.06	-0.06	0.00	
21532.00	89.850	161.160	7139.43	13823.46	-12357.47	6576.69	1732858.05	14359853.73	39°32'35.2303"N	80°40'19.5458"W	13998.57	151.978	0.39	0.17	-0.35	
21626.00	89.720	161.410	7139.78	13917.46	-12446.50	6606.85	1732888.20	14359764.74	39°32'34.3493"N	80°40'19.1650"W	14091.34	152.040	0.30	-0.14	0.27	
21721.00	89.750	161.760	7140.22	14012.45	-12536.63	6636.86	1732918.20	14359674.64	39°32'33.4574"N	80°40'18.7861"W	14185.03	152.103	0.37	0.03	0.37	
22003.00	89.780	161.300	7141.38	14294.44	-12804.10	6726.20	1733007.50	14359407.27	39°32'30.8107"N	80°40'17.6582"W	14463.29	152.286	0.16	0.01	-0.16	
22097.00	89.570	161.590	7141.91	14388.43	-12893.22	6756.11	1733037.40	14359318.20	39°32'29.9289"N	80°40'17.2806"W	14556.10	152.345	0.38	-0.22	0.31	
22192.00	89.820	161.490	7142.42	14483.43	-12983.33	6786.19	1733067.47	14359228.12	39°32'29.0372"N	80°40'16.9008"W	14649.89	152.405	0.28	0.26	-0.11	
22286.00	89.660	161.510	7142.84	14577.42	-13072.47	6816.02	1733097.28	14359139.02	39°32'28.1551"N	80°40'16.5243"W	14742.71	152.462	0.17	-0.17	0.02	
22381.00	89.690	161.530	7143.38	14672.42	-13162.57	6846.13	1733127.38	14359048.95	39°32'27.2636"N	80°40'16.1441"W	14836.53	152.520	0.04	0.03	0.02	



Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Teocalli Unit 1H
Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (273 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
22475.00	89.690	161.570	7143.89	14766.41	-13251.74	6875.88	1733157.12	14358959.82	39°32'26.3813"N	80°40'15.7686"W	14929.37	152.577	0.04	0.00	0.04	
22569.00	89.940	161.590	7144.19	14860.41	-13340.92	6905.58	1733186.81	14358870.67	39°32'25.4988"N	80°40'15.3936"W	15022.22	152.633	0.27	0.27	0.02	
22663.00	89.910	161.390	7144.32	14954.41	-13430.06	6935.42	1733216.64	14358781.57	39°32'24.6167"N	80°40'15.0169"W	15115.11	152.688	0.22	-0.03	-0.21	
22757.00	89.910	161.480	7144.47	15048.40	-13519.16	6965.35	1733246.56	14358692.50	39°32'23.7350"N	80°40'14.6390"W	15208.02	152.742	0.10	0.00	0.10	
22852.00	90.030	161.760	7144.52	15143.40	-13609.32	6995.30	1733276.50	14358602.38	39°32'22.8429"N	80°40'14.2609"W	15301.89	152.796	0.32	0.13	0.29	
22946.00	90.090	160.670	7144.42	15237.40	-13698.31	7025.57	1733306.76	14358513.42	39°32'21.9623"N	80°40'13.8787"W	15394.88	152.848	1.16	0.06	-1.16	
23040.00	90.150	160.630	7144.22	15331.40	-13787.00	7056.72	1733337.89	14358424.77	39°32'21.0846"N	80°40'13.4853"W	15488.02	152.895	0.08	0.06	-0.04	
23135.00	90.060	160.780	7144.05	15426.39	-13876.66	7088.11	1733369.27	14358335.14	39°32'20.1973"N	80°40'13.0888"W	15582.14	152.942	0.18	-0.09	0.16	
23229.00	89.970	160.690	7144.02	15520.39	-13965.40	7119.12	1733400.27	14358246.44	39°32'19.3192"N	80°40'12.6971"W	15675.28	152.989	0.14	-0.10	-0.10	
23323.00	90.090	160.770	7143.97	15614.39	-14054.13	7150.15	1733431.28	14358157.74	39°32'18.4411"N	80°40'12.3053"W	15768.43	153.035	0.15	0.13	0.09	
23418.00	89.970	160.700	7143.92	15709.39	-14143.81	7181.49	1733462.61	14358068.09	39°32'17.5536"N	80°40'11.9094"W	15862.57	153.081	0.15	-0.13	-0.07	
23512.00	89.880	161.510	7144.05	15803.39	-14232.75	7211.93	1733493.04	14357979.19	39°32'16.6735"N	80°40'11.5251"W	15955.66	153.128	0.87	-0.10	0.86	
23606.00	89.540	159.830	7144.52	15897.38	-14321.44	7243.04	1733524.14	14357890.53	39°32'15.7958"N	80°40'11.1321"W	16048.84	153.172	1.82	-0.36	-1.79	
23701.00	89.690	160.320	7145.16	15992.37	-14410.75	7275.42	1733556.50	14357801.26	39°32'14.9120"N	80°40'10.7231"W	16143.16	153.213	0.54	0.16	0.52	
23795.00	90.030	161.360	7145.39	16086.36	-14499.55	7306.27	1733587.34	14357712.50	39°32'14.0333"N	80°40'10.3335"W	16236.33	153.257	1.16	0.36	1.11	
23889.00	89.720	160.480	7145.59	16180.36	-14588.38	7336.99	1733618.06	14357623.70	39°32'13.1542"N	80°40'9.9455"W	16329.49	153.301	0.99	-0.33	-0.94	
23983.00	89.570	160.220	7146.18	16274.35	-14676.90	7368.60	1733649.65	14357535.21	39°32'12.2782"N	80°40'9.5462"W	16422.78	153.341	0.32	-0.16	-0.28	
24077.00	89.780	160.560	7146.71	16368.34	-14765.45	7400.15	1733681.19	14357446.70	39°32'11.4019"N	80°40'9.1477"W	16516.08	153.381	0.43	0.22	0.36	
24172.00	89.780	160.500	7147.07	16463.34	-14855.02	7431.82	1733712.84	14357357.17	39°32'10.5155"N	80°40'8.7477"W	16610.34	153.422	0.06	0.00	-0.06	
24266.00	90.060	160.700	7147.21	16557.34	-14943.68	7463.04	1733744.05	14357268.54	39°32'9.6381"N	80°40'8.3534"W	16703.61	153.462	0.37	0.30	0.21	
24360.00	89.750	159.780	7147.36	16651.33	-15032.14	7494.82	1733775.82	14357180.11	39°32'8.7627"N	80°40'7.9519"W	16796.95	153.500	1.03	-0.33	-0.98	
24454.00	90.430	159.890	7147.21	16745.30	-15120.38	7527.22	1733808.21	14357091.91	39°32'7.8894"N	80°40'7.5425"W	16890.38	153.535	0.73	0.72	0.12	
24549.00	89.780	160.370	7147.04	16840.29	-15209.73	7559.51	1733840.49	14357002.60	39°32'7.0052"N	80°40'7.1346"W	16984.76	153.572	0.85	-0.68	0.51	
24643.00	89.690	160.300	7147.47	16934.28	-15298.24	7591.14	1733872.11	14356914.12	39°32'6.1293"N	80°40'6.7350"W	17078.10	153.609	0.12	-0.10	-0.07	
24737.00	89.850	160.250	7147.85	17028.27	-15386.73	7622.87	1733903.82	14356825.67	39°32'5.2536"N	80°40'6.3343"W	17171.47	153.645	0.18	0.17	-0.05	
24832.00	89.630	160.630	7148.28	17123.27	-15476.24	7654.67	1733935.61	14356736.19	39°32'4.3677"N	80°40'5.9326"W	17265.81	153.683	0.46	-0.23	0.40	
24927.00	89.750	160.020	7148.80	17218.26	-15565.69	7686.66	1733967.58	14356646.77	39°32'3.4825"N	80°40'5.5286"W	17360.17	153.719	0.65	0.13	-0.64	
25021.00	89.690	160.340	7149.26	17312.25	-15654.12	7718.53	1733999.44	14356558.38	39°32'2.6073"N	80°40'5.1259"W	17453.58	153.754	0.35	-0.06	0.34	
25116.00	89.880	160.600	7149.61	17407.24	-15743.66	7750.29	1734031.19	14356468.88	39°32'1.7213"N	80°40'4.7248"W	17547.93	153.790	0.34	0.20	0.27	
25210.00	89.820	160.300	7149.86	17501.23	-15832.24	7781.74	1734062.63	14356380.33	39°32'0.8447"N	80°40'4.3275"W	17641.30	153.825	0.33	-0.06	-0.32	



Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Teocalli Unit 1H
Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (273 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
25303.00	89.780	160.550	7150.18	17594.23	-15919.86	7812.90	1734093.78	14356292.74	39°31'59.9776"N	80°40'3.9340"W	17733.68	153.860	0.27	-0.04	0.27	
25368.00	89.690	160.100	7150.48	17659.22	-15981.07	7834.79	1734115.65	14356231.56	39°31'59.3719"N	80°40'3.6576"W	17798.27	153.883	0.71	-0.14	-0.69	
25393.00‡	89.690	160.100	7150.62	17684.22	-16004.57	7843.30	1734124.16	14356208.06	39°31'59.1392"N	80°40'3.5501"W	17823.12	153.892	0.00	0.00	0.00	Projected MD at TD: 25393'

HOLE & CASING SECTIONS - Ref Wellbore: Teocalli Unit 1H AWB Ref Wellpath: Teocalli Unit 1H AWP Proj: 25393'

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	130.00	100.00	30.00	130.00	0.00	0.00	0.38	-0.09
17.5in Open Hole	130.00	368.00	238.00	130.00	367.98	0.38	-0.09	2.10	2.09
13.375in Casing Surface	30.00	349.00	319.00	30.00	348.98	0.00	0.00	1.76	1.72
12.375in Open Hole	368.00	3700.00	3332.00	367.98	3527.47	2.10	2.09	530.16	857.15
9.625in Casing Intermediate	30.00	3670.00	3640.00	30.00	3498.74	0.00	0.00	524.75	850.41
8.75in Open Hole	3700.00	6747.00	3047.00	3527.47	6384.00	530.16	857.15	1079.52	1755.91
8.5in Open Hole	6747.00	25393.00	18646.00	6384.00	7150.62	1079.52	1755.91	-16004.57	7843.30
5.5in Casing Production	30.00	25373.00	25343.00	30.00	7150.51	0.00	0.00	-15985.77	7836.49



Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Teocalli Unit 1H
Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Teocalli Unit 1H BHL Rev-1	7044.00	-16454.37	7997.15	1734277.95	14355758.45	39°31'54.6882"N	80°40'1.6078"W	point
Teocalli Unit 1H POE Rev-2	7066.00	804.42	2072.44	1728355.57	14373010.44	39°34'45.4700"N	80°41'16.4577"W	point
Teocalli Unit 1H BHL Rev-2	7094.00	-16028.74	7851.04	1734131.90	14356183.90	39°31'58.9001"N	80°40'3.4524"W	point
Teocalli Unit 1H LP Rev-2	7094.00	637.08	2129.88	1728412.99	14372843.17	39°34'43.8142"N	80°41'15.7315"W	point
Teocalli Unit 1H 50' L/R Hard Line R-2	7500.00	-7612.16	4961.74	1731243.73	14364597.17	39°33'22.1867"N	80°40'39.9430"W	rectangle
2D Rectangle 17797.4 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Teocalli Unit 1H AWB Ref Wellpath: Teocalli Unit 1H AWP Proj: 25393'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	262.00	Gyrodata 2015 - GC+WIR+DPIPE	01_Gyrodata MS Gyro <17-1/2"> (100'-262')	Teocalli Unit 1H AWB	7/5/2024
262.00	3627.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02_APS EM <12-3/8"> (262')(412'-3627')	Teocalli Unit 1H AWB	7/5/2024
3627.00	6674.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03_APS EM <8-3/4"> (3627')(3750'-6674')	Teocalli Unit 1H AWB	9/13/2024
6674.00	25393.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04_BH Lucida <8-1/2"> (6674')(6729'-25368')	Teocalli Unit 1H AWB	9/13/2024



Actual Wellpath Report

Teocalli Unit 1H AWP Proj: 25393'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Teocalli Unit 1H
Field	Wetzel	API	47-103-03659-0000
Facility	Galmish Pad	Wellbore	Teocalli Unit 1H AWB
Slot	Slot B		

COMMENTS

Wellpath general comments

API: 47-103-03659-0000

BH Job #: 112320157

Rig: H&P 519

Duration: 9/24/2024-9/30/2024

Gyrodatta MS Gyro <17'-1/2"> (100'-262')

APS EM <12-3/8"> (262')(412'-3627')

APS EM <8-3/4"> (3627')(3750'-6674')

BH Lucida <8-1/2"> (6674')(6729'-25368')

Sycamore: 7093' MD

Middlesex: 7244' MD

Burkett: 7373' MD

Tully: 7424' MD

Marcellus POE: 7627' MD

Projected MD at TD: 25393'