



ANTERO RESOURCES CORPORATION

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

Slot: Slot F
Well: Gunto Unit 2H
Wellbore: Gunto Unit 2H PWB

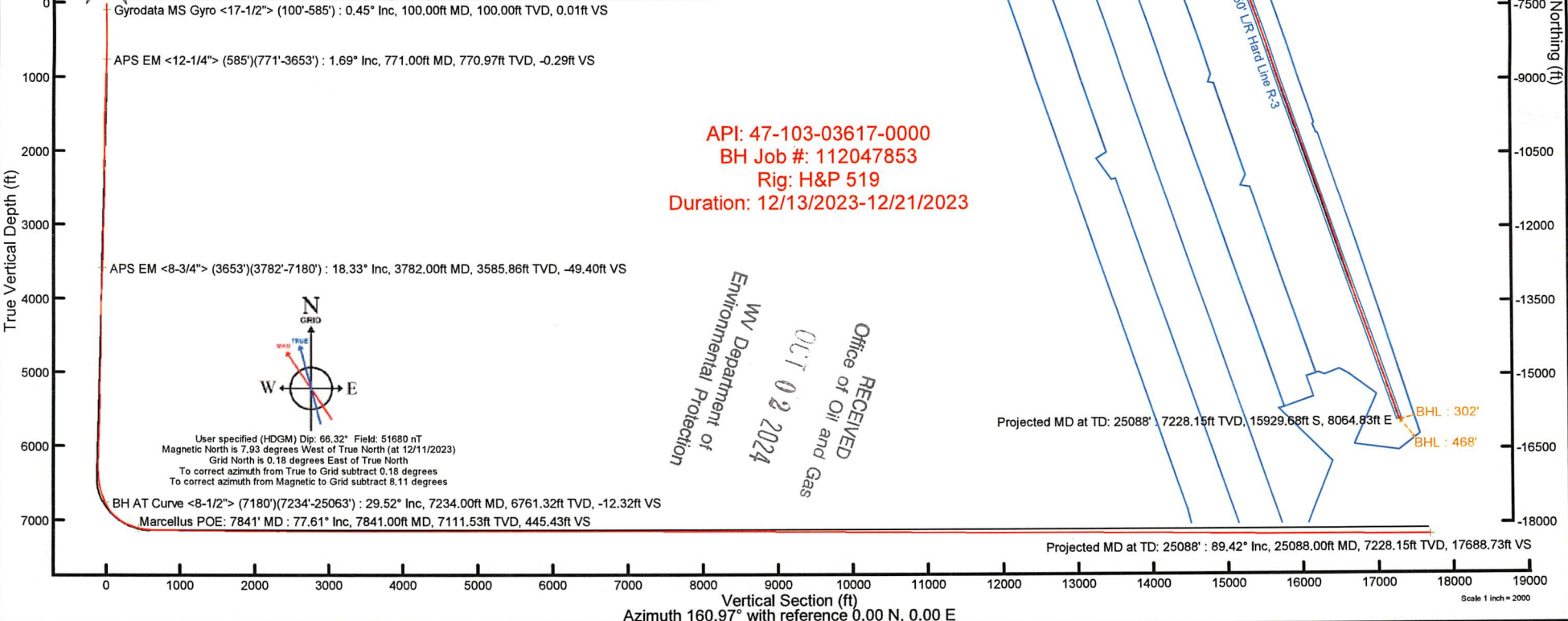


Plot reference wellpath is Gunto Unit 2H PWP Rev-C.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 519 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 519 (RKB)	Scale: True distance
H&P 519 (RKB) to Mean Sea Level: 1280 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot F): -1250 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: edcaryar on 2024-01-24; Database: WA_MPL_EASTERNUS_Defn

Location Information					
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
Cedar Pad	1721002.500	14368725.810	39°34'3.3492"N	80°42'50.5764"W	
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude
Slot F	13.71	73.54	1721076.010	14368739.510	39°34'3.4824"N
					80°42'49.6368"W
Comment Gunto Unit 2H					
H&P 519 (RKB) to Ground level (At Slot: Slot F)			30ft		
Mean Sea Level to Ground level (At Slot: Slot F)			-1250ft		
H&P 519 (RKB) to Mean Sea Level			1280ft		

Well Profile Data								
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	30.00	0.000	67.786	30.00	0.00	0.00	0.00	0.00
KOP 1	770.00	0.000	67.786	770.00	0.00	0.00	0.00	0.00
End of Build	1527.04	22.711	67.786	1507.37	55.99	137.09	3.00	-8.23
Curve KOP	6867.56	22.711	67.786	6433.81	835.52	2045.95	0.00	-122.75
POE	7822.82	73.926	160.972	7110.00	405.66	2424.10	8.00	406.92
Landing Pt.	8023.75	90.000	160.972	7138.00	218.20	2488.75	8.00	605.22
BHL	25075.50	90.000	160.972	7138.00	-15901.83	8048.17	0.00	17656.97

Well Data			
Slot	Well	Wellbore	Wellpath
Slot F	Gunto Unit 2H	Gunto Unit 2H AWB	Gunto Unit 2H AWP Proj: 25088'
Slot F	Gunto Unit 2H	Gunto Unit 2H PWB	Gunto Unit 2H PWP Rev-C.0





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Gunto Unit 2H AWP Proj: 25088'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gunto Unit 2H
Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

REPORT SETUP INFORMATION			
Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999607	Report Generated	1/24/2024 at 12:15:14 PM
Convergence at slot	0.18° East	Database	WA_MPL_EASTERUS_Defn

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	13.71	73.54	1721076.01	14368739.51	39°34'3.4824"N	80°42'49.6368"W
Facility Reference Pt			1721002.50	14368725.81	39°34'3.3492"N	80°42'50.5764"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	1280.00ft
Horizontal Reference Pt	Slot	H&P 519 (RKB) to Mean Sea Level	1280.00ft
Vertical Reference Pt	H&P 519 (RKB)	H&P 519 (RKB) to Ground Level at Slot (Slot F)	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	160.97°

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Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (272 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	248.240	0.00	0.00	0.00	0.00	1721076.01	14368739.51	39°34'3.4824"N	80°42'49.6368"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	248.240	30.00	0.00	0.00	0.00	1721076.01	14368739.51	39°34'3.4824"N	80°42'49.6368"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.450	248.240	100.00	0.01	-0.10	-0.26	1721075.75	14368739.41	39°34'3.4814"N	80°42'49.6401"W	0.27	248.240	0.64	0.64	0.00	Gyrodata MS Gyro <17-1/2"> (100'-585')
200.00	0.420	242.280	200.00	0.09	-0.42	-0.94	1721075.07	14368739.09	39°34'3.4783"N	80°42'49.6489"W	1.03	246.128	0.05	-0.03	-5.96	
300.00	0.290	248.980	299.99	0.15	-0.68	-1.51	1721074.51	14368738.83	39°34'3.4757"N	80°42'49.6560"W	1.65	245.712	0.14	-0.13	6.70	
400.00	0.050	191.800	399.99	0.20	-0.81	-1.75	1721074.26	14368738.70	39°34'3.4744"N	80°42'49.6592"W	1.93	245.093	0.27	-0.24	-57.18	
500.00	0.120	126.080	499.99	0.32	-0.92	-1.67	1721074.34	14368738.59	39°34'3.4734"N	80°42'49.6582"W	1.91	241.292	0.11	0.07	-65.72	
585.00	0.190	129.550	584.99	0.51	-1.06	-1.49	1721074.52	14368738.45	39°34'3.4719"N	80°42'49.6559"W	1.83	234.663	0.08	0.08	4.08	
771.00	1.690	48.030	770.97	-0.29	0.58	0.78	1721076.79	14368740.09	39°34'3.4881"N	80°42'49.6268"W	0.97	53.541	0.90	0.81	-43.83	APS EM <12-1/4"> (585')(771'-3653')
861.00	4.600	52.730	860.82	-1.94	3.65	4.64	1721080.65	14368743.16	39°34'3.5183"N	80°42'49.5774"W	5.91	51.809	3.24	3.23	5.22	
951.00	7.580	53.440	950.30	-4.86	9.37	12.28	1721088.29	14368748.88	39°34'3.5746"N	80°42'49.4795"W	15.45	52.651	3.31	3.31	0.79	
1042.00	10.410	60.940	1040.18	-8.10	16.95	24.29	1721100.30	14368756.45	39°34'3.6491"N	80°42'49.3259"W	29.62	55.105	3.36	3.11	8.24	
1136.00	12.500	68.290	1132.30	-10.05	24.83	41.17	1721117.17	14368764.33	39°34'3.7265"N	80°42'49.1101"W	48.08	58.902	2.71	2.22	7.82	
1230.00	14.740	69.810	1223.66	-10.77	32.73	61.85	1721137.83	14368772.22	39°34'3.8039"N	80°42'48.8457"W	69.97	62.116	2.41	2.38	1.62	
1325.00	16.920	66.840	1315.05	-12.01	42.34	85.91	1721161.88	14368781.83	39°34'3.8981"N	80°42'48.5381"W	95.77	63.765	2.45	2.29	-3.13	
1420.00	19.000	63.980	1405.42	-14.89	54.56	112.52	1721188.48	14368794.05	39°34'4.0180"N	80°42'48.1978"W	125.05	64.132	2.38	2.19	-3.01	
1514.00	21.310	65.010	1493.65	-18.53	68.49	141.75	1721217.71	14368807.97	39°34'4.1548"N	80°42'47.8240"W	157.43	64.212	2.49	2.46	1.10	
1609.00	23.510	70.080	1581.48	-20.61	82.24	175.22	1721251.16	14368821.72	39°34'4.2896"N	80°42'47.3960"W	193.56	64.857	3.08	2.32	5.34	
1703.00	23.760	70.740	1667.60	-20.98	94.87	210.72	1721286.65	14368834.35	39°34'4.4134"N	80°42'46.9422"W	231.10	65.761	0.39	0.27	0.70	
1798.00	23.410	68.220	1754.67	-21.96	108.19	246.32	1721322.23	14368847.66	39°34'4.5439"N	80°42'46.4871"W	269.03	66.288	1.12	-0.37	-2.65	
1892.00	23.830	71.120	1840.79	-22.81	121.26	281.63	1721357.53	14368860.73	39°34'4.6720"N	80°42'46.0357"W	306.62	66.704	1.31	0.45	3.09	
1986.00	24.080	72.050	1926.70	-22.40	133.32	317.84	1721393.72	14368872.78	39°34'4.7900"N	80°42'45.5729"W	344.67	67.244	0.48	0.27	0.99	
2081.00	23.800	69.450	2013.53	-22.54	146.02	354.22	1721430.09	14368885.47	39°34'4.9143"N	80°42'45.1077"W	383.14	67.597	1.15	-0.29	-2.74	
2176.00	23.530	66.850	2100.54	-24.41	160.20	389.61	1721465.47	14368899.65	39°34'5.0534"N	80°42'44.6553"W	421.26	67.648	1.13	-0.28	-2.74	
2270.00	23.410	71.600	2186.77	-25.55	173.48	424.59	1721500.43	14368912.92	39°34'5.1835"N	80°42'44.2081"W	458.66	67.776	2.02	-0.13	5.05	
2365.00	24.020	72.350	2273.75	-24.88	185.30	460.92	1721536.75	14368924.73	39°34'5.2991"N	80°42'43.7437"W	496.77	68.099	0.72	0.64	0.79	
2459.00	24.110	71.960	2359.58	-24.09	197.04	497.40	1721573.22	14368936.47	39°34'5.4141"N	80°42'43.2773"W	535.01	68.389	0.19	0.10	-0.41	
2553.00	24.420	71.900	2445.27	-23.44	209.02	534.13	1721609.93	14368948.45	39°34'5.5313"N	80°42'42.8079"W	573.57	68.628	0.33	0.33	-0.06	
2648.00	24.260	69.950	2531.83	-23.47	221.82	571.13	1721646.91	14368961.24	39°34'5.6566"N	80°42'42.3349"W	612.69	68.775	0.86	-0.17	-2.05	
2742.00	23.850	68.090	2617.67	-24.77	235.53	606.90	1721682.67	14368974.95	39°34'5.7910"N	80°42'41.8776"W	651.00	68.790	0.92	-0.44	-1.98	

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Operator	ANTERO RESOURCES CORPORATION	Well	Gunto Unit 2H
Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (272 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
2837.00	23.720	66.140	2704.60	-27.34	250.43	642.20	1721717.95	14368989.84	39°34'5.9371"N	80°42'41.4263"W	689.30	68.697	0.84	-0.14	-2.05	
2932.00	23.430	64.800	2791.67	-30.98	266.20	676.76	1721752.50	14369005.60	39°34'6.0919"N	80°42'40.9843"W	727.23	68.528	0.64	-0.31	-1.41	
3027.00	22.700	67.260	2879.08	-34.20	281.32	710.76	1721786.49	14369020.72	39°34'6.2403"N	80°42'40.5495"W	764.41	68.406	1.27	-0.77	2.59	
3121.00	22.220	67.860	2965.95	-36.34	295.03	743.95	1721819.67	14369034.43	39°34'6.3747"N	80°42'40.1252"W	800.32	68.368	0.57	-0.51	0.64	
3215.00	21.160	66.280	3053.29	-38.69	308.56	775.95	1721851.65	14369047.95	39°34'6.5074"N	80°42'39.7160"W	835.04	68.315	1.29	-1.13	-1.68	
3310.00	21.120	70.740	3141.91	-40.16	321.10	807.80	1721883.49	14369060.48	39°34'6.6303"N	80°42'39.3087"W	869.28	68.322	1.69	-0.04	4.69	
3405.00	20.370	69.980	3230.75	-40.51	332.41	839.50	1721915.17	14369071.79	39°34'6.7411"N	80°42'38.9036"W	902.91	68.398	0.84	-0.79	-0.80	
3499.00	20.430	69.170	3318.85	-41.31	343.84	870.20	1721945.87	14369083.22	39°34'6.8531"N	80°42'38.5110"W	935.67	68.440	0.31	0.06	-0.86	
3594.00	19.820	67.770	3408.05	-42.73	355.83	900.61	1721976.26	14369095.20	39°34'6.9706"N	80°42'38.1223"W	968.35	68.441	0.82	-0.64	-1.47	
3653.00	19.110	65.400	3463.68	-44.23	363.64	918.65	1721994.29	14369103.00	39°34'7.0472"N	80°42'37.8916"W	988.00	68.404	1.80	-1.20	-4.02	
3782.00	18.330	62.120	3585.86	-49.40	381.91	955.78	1722031.41	14369121.27	39°34'7.2266"N	80°42'37.4167"W	1029.26	68.219	1.02	-0.60	-2.54	APS EM <8-3/4"> (3653')(3782'-7180')
3877.00	22.520	66.910	3674.87	-52.98	396.04	985.73	1722061.36	14369135.39	39°34'7.3653"N	80°42'37.0336"W	1062.32	68.111	4.75	4.41	5.04	
3971.00	23.710	68.820	3761.32	-54.97	409.93	1019.92	1722095.52	14369149.28	39°34'7.5015"N	80°42'36.5965"W	1099.21	68.104	1.50	1.27	2.03	
4066.00	22.980	66.920	3848.55	-56.99	424.10	1054.79	1722130.38	14369163.44	39°34'7.6404"N	80°42'36.1507"W	1136.85	68.096	1.10	-0.77	-2.00	
4160.00	22.540	64.800	3935.23	-60.23	438.96	1087.97	1722163.55	14369178.30	39°34'7.7863"N	80°42'35.7263"W	1173.19	68.027	0.99	-0.47	-2.26	
4255.00	22.080	62.830	4023.12	-64.71	454.87	1120.33	1722195.90	14369194.20	39°34'7.9425"N	80°42'35.3125"W	1209.15	67.902	0.92	-0.48	-2.07	
4349.00	22.660	69.370	4110.06	-67.72	469.32	1153.00	1722228.56	14369208.65	39°34'8.0842"N	80°42'34.8947"W	1244.86	67.852	2.72	0.62	6.96	
4444.00	23.360	70.350	4197.50	-68.43	482.10	1187.87	1722263.41	14369221.42	39°34'8.2094"N	80°42'34.4490"W	1281.97	67.910	0.84	0.74	1.03	
4538.00	22.540	67.300	4284.06	-69.79	495.32	1222.04	1722297.57	14369234.64	39°34'8.3390"N	80°42'34.0121"W	1318.61	67.936	1.54	-0.87	-3.24	
4633.00	22.090	71.790	4371.95	-70.70	507.93	1255.81	1722331.32	14369247.24	39°34'8.4625"N	80°42'33.5803"W	1354.64	67.978	1.86	-0.47	4.73	
4727.00	20.990	72.570	4459.39	-69.98	518.50	1288.66	1722364.16	14369257.80	39°34'8.5659"N	80°42'33.1604"W	1389.06	68.082	1.21	-1.17	0.83	
4822.00	21.740	73.120	4547.86	-68.84	528.70	1321.73	1722397.22	14369268.01	39°34'8.6657"N	80°42'32.7377"W	1423.55	68.198	0.82	0.79	0.58	
4916.00	22.110	71.390	4635.06	-68.06	539.40	1355.16	1722430.63	14369278.70	39°34'8.7704"N	80°42'32.3104"W	1458.56	68.296	0.79	0.39	-1.84	
5010.00	23.450	68.830	4721.73	-68.63	551.80	1389.36	1722464.83	14369291.10	39°34'8.8919"N	80°42'31.8731"W	1494.93	68.339	1.77	1.43	-2.72	
5105.00	25.200	66.690	4808.29	-70.84	566.64	1425.57	1722501.02	14369305.92	39°34'9.0373"N	80°42'31.4102"W	1534.05	68.323	2.06	1.84	-2.25	
5199.00	24.360	60.640	4893.65	-75.81	584.06	1460.85	1722536.28	14369323.34	39°34'9.2084"N	80°42'30.9590"W	1573.28	68.208	2.84	-0.89	-6.44	
5294.00	23.090	64.630	4980.63	-81.38	601.65	1494.76	1722570.18	14369340.92	39°34'9.3812"N	80°42'30.5252"W	1611.30	68.075	2.15	-1.34	4.20	
5388.00	24.150	69.340	5066.76	-83.97	616.34	1529.41	1722604.82	14369355.60	39°34'9.5252"N	80°42'30.0821"W	1648.93	68.051	2.30	1.13	5.01	
5482.00	24.190	69.150	5152.52	-85.13	629.97	1565.40	1722640.79	14369369.24	39°34'9.6588"N	80°42'29.6220"W	1687.41	68.078	0.09	0.04	-0.20	
5576.00	23.810	72.090	5238.39	-85.37	642.66	1601.46	1722676.83	14369381.92	39°34'9.7831"N	80°42'29.1611"W	1725.59	68.134	1.33	-0.40	3.13	

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Slot	Slot F		

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5671.00	22.870	72.010	5325.62	-84.66	654.26	1637.26	1722712.62	14369393.52	39°34'9.8966"N	80°42'28.7034"W	1763.15	68.218	0.99	-0.99	-0.08	
5765.00	23.640	70.800	5411.98	-84.38	666.10	1672.43	1722747.78	14369405.35	39°34'10.0124"N	80°42'28.2538"W	1800.20	68.283	0.96	0.82	-1.29	
5860.00	23.840	69.760	5498.94	-84.84	679.01	1708.43	1722783.77	14369418.25	39°34'10.1388"N	80°42'27.7935"W	1838.42	68.325	0.49	0.21	-1.09	
5954.00	21.690	64.690	5585.62	-87.14	693.01	1741.97	1722817.29	14369432.25	39°34'10.2761"N	80°42'27.3647"W	1874.76	68.306	3.09	-2.29	-5.39	
6049.00	21.670	66.810	5673.91	-90.34	707.42	1773.96	1722849.27	14369446.65	39°34'10.4175"N	80°42'26.9556"W	1909.81	68.259	0.82	-0.02	2.23	
6143.00	25.080	68.690	5760.18	-92.39	721.50	1808.48	1722883.78	14369460.73	39°34'10.5556"N	80°42'26.5142"W	1947.10	68.250	3.71	3.63	2.00	
6237.00	25.390	66.320	5845.21	-94.82	736.84	1845.50	1722920.78	14369476.05	39°34'10.7059"N	80°42'26.0408"W	1987.16	68.235	1.12	0.33	-2.52	
6332.00	22.960	63.370	5931.88	-98.92	753.32	1880.72	1722955.99	14369492.54	39°34'10.8678"N	80°42'25.5904"W	2025.99	68.171	2.86	-2.56	-3.11	
6426.00	22.890	66.030	6018.45	-102.92	768.97	1913.82	1722989.07	14369508.18	39°34'11.0213"N	80°42'25.1671"W	2062.53	68.110	1.10	-0.07	2.83	
6520.00	24.840	70.980	6104.42	-104.49	782.83	1949.20	1723024.44	14369522.03	39°34'11.1572"N	80°42'24.7148"W	2100.52	68.119	2.97	2.07	5.27	
6614.00	22.790	69.380	6190.41	-104.99	795.68	1984.91	1723060.13	14369534.88	39°34'11.2830"N	80°42'24.2583"W	2138.45	68.156	2.29	-2.18	-1.70	
6708.00	21.990	71.420	6277.33	-105.36	807.70	2018.63	1723093.84	14369546.89	39°34'11.4007"N	80°42'23.8272"W	2174.22	68.193	1.19	-0.85	2.17	
6803.00	20.600	73.560	6365.84	-104.46	818.10	2051.52	1723126.72	14369557.29	39°34'11.5024"N	80°42'23.4067"W	2208.62	68.259	1.68	-1.46	2.25	
6897.00	20.230	90.820	6454.02	-98.19	822.55	2083.66	1723158.85	14369561.73	39°34'11.5454"N	80°42'22.9961"W	2240.14	68.458	6.40	-0.39	18.36	
6991.00	22.510	102.920	6541.59	-83.14	818.29	2117.47	1723192.64	14369557.48	39°34'11.5022"N	80°42'22.5646"W	2270.08	68.871	5.27	2.43	12.87	
7085.00	24.490	111.030	6627.81	-61.07	807.27	2153.21	1723228.37	14369546.46	39°34'11.3922"N	80°42'22.1087"W	2299.56	69.448	4.03	2.11	8.63	
7180.00	26.430	119.560	6713.61	-32.53	789.77	2189.99	1723265.14	14369528.97	39°34'11.2180"N	80°42'21.6397"W	2328.05	70.169	4.36	2.04	8.98	
7231.00†	29.335	127.717	6758.70	-13.56	776.52	2209.76	1723284.90	14369515.72	39°34'11.0864"N	80°42'21.3878"W	2342.22	70.638	9.39	5.70	16.00	Sycamore: 7231' MD
7234.00	29.520	128.150	6761.32	-12.32	775.61	2210.92	1723286.06	14369514.82	39°34'11.0774"N	80°42'21.3730"W	2343.02	70.669	9.39	6.17	14.42	BH AT Curve <8-1/2"> (7180')(7234'-25063')
7300.00	31.780	137.080	6818.12	17.25	752.83	2235.56	1723310.69	14369492.04	39°34'10.8514"N	80°42'21.0594"W	2358.91	71.389	7.69	3.42	13.53	
7394.00	41.110	145.170	6893.70	69.77	709.21	2270.16	1723345.28	14369448.44	39°34'10.4192"N	80°42'20.6193"W	2378.36	72.651	11.15	9.93	8.61	Middlesex: 7394' MD
7488.00	48.550	148.540	6960.33	134.00	653.71	2306.25	1723381.35	14369392.96	39°34'9.8695"N	80°42'20.1608"W	2397.11	74.175	8.31	7.91	3.59	
7540.00†	53.295	150.946	6993.10	173.59	618.84	2326.56	1723401.65	14369358.11	39°34'9.5243"N	80°42'19.9029"W	2407.46	75.105	9.81	9.13	4.63	Burkett: 7540' MD
7582.00	57.160	152.680	7017.05	207.64	588.43	2342.84	1723417.93	14369327.71	39°34'9.2232"N	80°42'19.6963"W	2415.61	75.901	9.81	9.20	4.13	
7597.00†	58.578	152.870	7025.03	220.21	577.14	2348.65	1723423.74	14369316.42	39°34'9.1114"N	80°42'19.6226"W	2418.52	76.194	9.51	9.45	1.27	Tully: 7597' MD
7676.00	66.050	153.790	7061.71	289.50	514.66	2380.01	1723455.08	14369253.97	39°34'8.4929"N	80°42'19.2248"W	2435.02	77.798	9.51	9.46	1.16	
7770.00	73.760	153.640	7093.98	377.00	435.57	2419.08	1723494.13	14369174.91	39°34'7.7100"N	80°42'18.7292"W	2457.98	79.793	8.20	8.20	-0.16	
7841.00†	77.610	156.691	7111.53	445.43	373.15	2447.95	1723522.99	14369112.52	39°34'7.0922"N	80°42'18.3632"W	2476.23	81.333	6.84	5.42	4.30	Marcellus POE: 7841' MD
7865.00	78.920	157.700	7116.42	468.87	351.49	2457.05	1723532.10	14369090.86	39°34'6.8778"N	80°42'18.2478"W	2482.07	81.859	6.84	5.46	4.21	
7959.00	83.370	159.420	7130.88	561.64	265.06	2490.99	1723566.01	14369004.47	39°34'6.0225"N	80°42'17.8181"W	2505.05	83.926	5.07	4.73	1.83	

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gunto Unit 2H
Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (272 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
8054.00	87.690	158.480	7138.29	656.27	176.69	2525.00	1723600.01	14368916.13	39°34'5.1480"N	80°42'17.3875"W	2531.17	85.997	4.65	4.55	-0.99	
8148.00	89.480	159.430	7140.61	750.18	89.00	2558.74	1723633.74	14368828.47	39°34'4.2802"N	80°42'16.9603"W	2560.29	88.008	2.16	1.90	1.01	
8242.00	89.850	160.680	7141.16	844.16	0.64	2590.81	1723665.79	14368740.15	39°34'3.4059"N	80°42'16.5546"W	2590.81	89.986	1.39	0.39	1.33	
8337.00	89.690	158.880	7141.54	939.14	-88.50	2623.64	1723698.61	14368651.04	39°34'2.5238"N	80°42'16.1391"W	2625.13	91.932	1.90	-0.17	-1.89	
8431.00	89.510	160.830	7142.19	1033.11	-176.75	2656.01	1723730.97	14368562.83	39°34'1.6506"N	80°42'15.7295"W	2661.88	93.807	2.08	-0.19	2.07	
8525.00	89.510	161.450	7143.00	1127.11	-265.70	2686.39	1723761.34	14368473.92	39°34'0.7705"N	80°42'15.3452"W	2699.50	95.648	0.66	0.00	0.66	
8619.00	89.450	161.820	7143.85	1221.10	-354.91	2716.01	1723790.95	14368384.74	39°33'59.8879"N	80°42'14.9708"W	2739.10	97.445	0.40	-0.06	0.39	
8714.00	89.170	161.570	7144.99	1316.08	-445.09	2745.84	1723820.77	14368294.59	39°33'58.9956"N	80°42'14.5936"W	2781.68	99.207	0.40	-0.29	-0.26	
8808.00	89.420	161.210	7146.15	1410.08	-534.17	2775.84	1723850.76	14368205.55	39°33'58.1143"N	80°42'14.2144"W	2826.77	100.893	0.47	0.27	-0.38	
8903.00	89.320	162.090	7147.20	1505.06	-624.33	2805.75	1723880.65	14368115.42	39°33'57.2222"N	80°42'13.8363"W	2874.37	102.545	0.93	-0.11	0.93	
8997.00	89.140	162.110	7148.46	1599.03	-713.77	2834.64	1723909.53	14368026.02	39°33'56.3373"N	80°42'13.4712"W	2923.12	104.134	0.19	-0.19	0.02	
9091.00	89.080	161.960	7149.92	1693.01	-803.18	2863.62	1723938.50	14367936.65	39°33'55.4527"N	80°42'13.1048"W	2974.13	105.668	0.17	-0.06	-0.16	
9186.00	88.580	160.960	7151.86	1787.98	-893.23	2893.82	1723968.69	14367846.63	39°33'54.5618"N	80°42'12.7230"W	3028.54	107.154	1.18	-0.53	-1.05	
9281.00	90.120	163.220	7152.94	1882.95	-983.61	2923.03	1723997.89	14367756.29	39°33'53.6676"N	80°42'12.3538"W	3084.09	108.598	2.88	1.62	2.38	
9375.00	89.320	161.460	7153.40	1976.92	-1073.18	2951.55	1724026.39	14367666.76	39°33'52.7814"N	80°42'11.9935"W	3140.60	109.981	2.06	-0.85	-1.87	
9469.00	89.540	162.290	7154.33	2070.90	-1162.51	2980.79	1724055.62	14367577.46	39°33'51.8976"N	80°42'11.6239"W	3199.46	111.306	0.91	0.23	0.88	
9563.00	90.400	162.960	7154.38	2164.86	-1252.22	3008.86	1724083.68	14367487.79	39°33'51.0101"N	80°42'11.2692"W	3259.03	112.596	1.16	0.91	0.71	
9658.00	89.140	161.030	7154.76	2259.84	-1342.56	3038.22	1724113.03	14367397.48	39°33'50.1163"N	80°42'10.8981"W	3321.63	113.840	2.43	-1.33	-2.03	
9752.00	90.340	161.340	7155.19	2353.83	-1431.53	3068.54	1724143.34	14367308.54	39°33'49.2359"N	80°42'10.5148"W	3386.03	115.010	1.32	1.28	0.33	
9847.00	89.480	161.090	7155.34	2448.83	-1521.47	3099.13	1724173.92	14367218.64	39°33'48.3460"N	80°42'10.1280"W	3452.46	116.148	0.94	-0.91	-0.26	
9941.00	89.630	161.330	7156.07	2542.83	-1610.46	3129.41	1724204.18	14367129.69	39°33'47.4656"N	80°42'9.7452"W	3519.48	117.231	0.30	0.16	0.26	
10035.00	89.420	160.180	7156.85	2636.82	-1699.20	3160.39	1724235.15	14367040.98	39°33'46.5875"N	80°42'9.3534"W	3588.22	118.265	1.24	-0.22	-1.22	
10130.00	89.750	160.250	7157.54	2731.81	-1788.59	3192.54	1724267.29	14366951.63	39°33'45.7030"N	80°42'8.9466"W	3659.42	119.259	0.36	0.35	0.07	
10224.00	89.780	161.570	7157.92	2825.81	-1877.42	3223.28	1724298.02	14366862.83	39°33'44.8241"N	80°42'8.5578"W	3730.18	120.219	1.40	0.03	1.40	
10319.00	90.000	161.550	7158.10	2920.80	-1967.54	3253.33	1724328.06	14366772.75	39°33'43.9324"N	80°42'8.1779"W	3802.03	121.165	0.23	0.23	-0.02	
10413.00	89.940	161.670	7158.15	3014.80	-2056.74	3282.99	1724357.70	14366683.58	39°33'43.0499"N	80°42'7.8031"W	3874.04	122.066	0.14	-0.06	0.13	
10507.00	89.820	161.570	7158.35	3108.79	-2145.94	3312.63	1724387.33	14366594.41	39°33'42.1673"N	80°42'7.4284"W	3946.97	122.935	0.17	-0.13	-0.11	
10601.00	89.750	161.790	7158.70	3202.78	-2235.18	3342.18	1724416.87	14366505.21	39°33'41.2844"N	80°42'7.0549"W	4020.72	123.774	0.25	-0.07	0.23	
10696.00	89.600	161.380	7159.24	3297.78	-2325.31	3372.19	1724446.87	14366415.11	39°33'40.3926"N	80°42'6.6756"W	4096.18	124.588	0.46	-0.16	-0.43	
10790.00	89.850	162.060	7159.69	3391.77	-2414.57	3401.67	1724476.34	14366325.90	39°33'39.5095"N	80°42'6.3029"W	4171.51	125.368	0.77	0.27	0.72	

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Actual Wellpath Report

Gunto Unit 2H AWP Proj: 25088'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gunto Unit 2H
Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (272 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
10884.00	90.030	161.860	7159.79	3485.75	-2503.95	3430.78	1724505.44	14366236.55	39°33'38.6252"N	80°42'5.9350"W	4247.35	126.124	0.29	0.19	-0.21	
10979.00	89.690	161.760	7160.02	3580.74	-2594.20	3460.44	1724535.08	14366146.33	39°33'37.7322"N	80°42'5.5602"W	4324.87	126.858	0.37	-0.36	-0.11	
11074.00	89.850	161.630	7160.40	3675.73	-2684.39	3490.27	1724564.90	14366056.18	39°33'36.8399"N	80°42'5.1831"W	4403.18	127.564	0.22	0.17	-0.14	
11168.00	90.180	162.010	7160.38	3769.72	-2773.70	3519.60	1724594.22	14365966.91	39°33'35.9563"N	80°42'4.8124"W	4481.18	128.241	0.54	0.35	0.40	
11262.00	90.030	162.420	7160.21	3863.70	-2863.21	3548.31	1724622.92	14365877.43	39°33'35.0707"N	80°42'4.4496"W	4559.44	128.901	0.46	-0.16	0.44	
11357.00	89.820	161.450	7160.33	3958.68	-2953.52	3577.77	1724652.37	14365787.15	39°33'34.1771"N	80°42'4.0773"W	4639.37	129.540	1.04	-0.22	-1.02	
11451.00	89.880	161.770	7160.58	4052.68	-3042.72	3607.43	1724682.01	14365697.99	39°33'33.2946"N	80°42'3.7025"W	4719.29	130.146	0.35	0.06	0.34	
11545.00	90.180	162.010	7160.53	4146.67	-3132.06	3636.65	1724711.22	14365608.68	39°33'32.4106"N	80°42'3.3332"W	4799.48	130.737	0.41	0.32	0.26	
11640.00	90.180	161.610	7160.23	4241.65	-3222.32	3666.30	1724740.86	14365518.47	39°33'31.5177"N	80°42'2.9584"W	4881.09	131.312	0.42	0.00	-0.42	
11734.00	90.250	162.140	7159.88	4335.64	-3311.65	3695.54	1724770.10	14365429.17	39°33'30.6338"N	80°42'2.5889"W	4962.26	131.864	0.57	0.07	0.56	
11828.00	90.000	161.660	7159.67	4429.63	-3401.00	3724.75	1724799.29	14365339.85	39°33'29.7498"N	80°42'2.2198"W	5043.86	132.399	0.58	-0.27	-0.51	
11923.00	90.180	161.290	7159.52	4524.63	-3491.08	3754.93	1724829.46	14365249.81	39°33'28.8586"N	80°42'1.8383"W	5127.10	132.915	0.43	0.19	-0.39	
12017.00	90.680	162.100	7158.82	4618.61	-3580.32	3784.45	1724858.97	14365160.61	39°33'27.9756"N	80°42'1.4652"W	5209.68	133.412	1.01	0.53	0.86	
12111.00	90.400	161.870	7157.93	4712.59	-3669.70	3813.52	1724888.03	14365071.26	39°33'27.0912"N	80°42'1.0978"W	5292.42	133.899	0.39	-0.30	-0.24	
12205.00	89.910	161.750	7157.68	4806.58	-3759.00	3842.87	1724917.36	14364981.99	39°33'26.2077"N	80°42'0.7270"W	5375.66	134.368	0.54	-0.52	-0.13	
12300.00	89.940	161.710	7157.80	4901.58	-3849.22	3872.65	1724947.13	14364891.81	39°33'25.3151"N	80°42'0.3506"W	5460.21	134.826	0.05	0.03	-0.04	
12394.00	89.940	161.530	7157.90	4995.57	-3938.42	3902.29	1724976.76	14364802.64	39°33'24.4325"N	80°41'59.9760"W	5544.28	135.264	0.19	0.00	-0.19	
12489.00	89.970	161.570	7157.97	5090.56	-4028.54	3932.35	1725006.81	14364712.56	39°33'23.5409"N	80°41'59.5960"W	5629.61	135.692	0.05	0.03	0.04	
12583.00	90.180	161.590	7157.85	5184.56	-4117.72	3962.05	1725036.50	14364623.41	39°33'22.6585"N	80°41'59.2206"W	5714.32	136.104	0.22	0.22	0.02	
12678.00	90.000	161.410	7157.70	5279.55	-4207.81	3992.20	1725066.63	14364533.36	39°33'21.7671"N	80°41'58.8396"W	5800.29	136.506	0.27	-0.19	-0.19	
12772.00	89.750	161.510	7157.91	5373.55	-4296.93	4022.09	1725096.51	14364444.27	39°33'20.8853"N	80°41'58.4618"W	5885.64	136.892	0.29	-0.27	0.11	
12866.00	89.820	160.940	7158.26	5467.55	-4385.93	4052.34	1725126.75	14364355.31	39°33'20.0047"N	80°41'58.0793"W	5971.42	137.264	0.61	0.07	-0.61	
12961.00	90.060	161.600	7158.36	5562.55	-4475.90	4082.85	1725157.25	14364265.38	39°33'19.1146"N	80°41'57.6937"W	6058.32	137.629	0.74	0.25	0.69	
13055.00	89.880	161.520	7158.41	5656.54	-4565.07	4112.58	1725186.97	14364176.24	39°33'18.2322"N	80°41'57.3179"W	6144.36	137.985	0.21	-0.19	-0.09	
13149.00	89.910	161.500	7158.58	5750.54	-4654.22	4142.39	1725216.77	14364087.13	39°33'17.3502"N	80°41'56.9411"W	6230.66	138.330	0.04	0.03	-0.02	
13244.00	89.910	161.760	7158.73	5845.53	-4744.38	4172.33	1725246.69	14363997.00	39°33'16.4582"N	80°41'56.5628"W	6318.03	138.671	0.27	0.00	0.27	
13338.00	89.820	161.000	7158.95	5939.53	-4833.46	4202.34	1725276.69	14363907.96	39°33'15.5768"N	80°41'56.1834"W	6404.84	138.995	0.81	-0.10	-0.81	
13432.00	89.880	160.430	7159.20	6033.53	-4922.18	4233.39	1725307.73	14363819.27	39°33'14.6989"N	80°41'55.7908"W	6492.26	139.302	0.61	0.06	-0.61	
13527.00	90.060	160.330	7159.25	6128.52	-5011.67	4265.29	1725339.61	14363729.82	39°33'13.8134"N	80°41'55.3874"W	6580.99	139.600	0.22	0.19	-0.11	
13621.00	89.970	160.370	7159.22	6222.52	-5100.19	4296.90	1725371.21	14363641.33	39°33'12.9375"N	80°41'54.9877"W	6668.98	139.886	0.10	-0.10	0.04	



Actual Wellpath Report

Gunto Unit 2H AWP Proj: 25088'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gunto Unit 2H
Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (272 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
13715.00	90.000	160.320	7159.25	6316.51	-5188.71	4328.51	1725402.82	14363552.84	39°33'12.0615"N	80°41'54.5878"W	6757.13	140.165	0.06	0.03	-0.05	
13810.00	89.940	160.230	7159.30	6411.50	-5278.14	4360.58	1725434.87	14363463.45	39°33'11.1766"N	80°41'54.1823"W	6846.42	140.438	0.11	-0.06	-0.09	
13904.00	90.030	160.440	7159.32	6505.50	-5366.66	4392.21	1725466.49	14363374.97	39°33'10.3008"N	80°41'53.7823"W	6934.88	140.702	0.24	0.10	0.22	
13998.00	90.030	160.490	7159.27	6599.49	-5455.25	4423.64	1725497.91	14363286.42	39°33'9.4242"N	80°41'53.3848"W	7023.41	140.962	0.05	0.00	0.05	
14092.00	90.030	160.030	7159.22	6693.49	-5543.72	4455.39	1725529.64	14363197.97	39°33'8.5487"N	80°41'52.9833"W	7112.20	141.212	0.49	0.00	-0.49	
14187.00	89.940	160.730	7159.25	6788.48	-5633.21	4487.29	1725561.53	14363108.53	39°33'7.6632"N	80°41'52.5799"W	7202.00	141.460	0.74	-0.09	0.74	
14282.00	90.150	161.210	7159.17	6883.48	-5723.01	4518.27	1725592.49	14363018.75	39°33'6.7746"N	80°41'52.1883"W	7291.61	141.709	0.55	0.22	0.51	
14376.00	89.720	160.400	7159.28	6977.48	-5811.79	4549.17	1725623.39	14362930.02	39°33'5.8962"N	80°41'51.7975"W	7380.50	141.948	0.98	-0.46	-0.86	
14470.00	89.750	160.270	7159.72	7071.47	-5900.30	4580.80	1725655.01	14362841.53	39°33'5.0204"N	80°41'51.3975"W	7469.76	142.175	0.14	0.03	-0.14	
14565.00	89.750	160.360	7160.13	7166.46	-5989.75	4612.80	1725686.99	14362752.12	39°33'4.1353"N	80°41'50.9928"W	7560.10	142.400	0.09	0.00	0.09	
14659.00	89.690	160.660	7160.59	7260.46	-6078.36	4644.17	1725718.34	14362663.54	39°33'3.2585"N	80°41'50.5963"W	7649.50	142.618	0.33	-0.06	0.32	
14753.00	89.690	160.400	7161.10	7354.46	-6166.99	4675.50	1725749.66	14362574.96	39°33'2.3815"N	80°41'50.2001"W	7738.99	142.832	0.28	0.00	-0.28	
14848.00	89.660	160.230	7161.64	7449.45	-6256.43	4707.50	1725781.65	14362485.54	39°33'1.4964"N	80°41'49.7954"W	7829.65	143.041	0.18	-0.03	-0.18	
14942.00	89.660	160.390	7162.19	7543.44	-6344.94	4739.17	1725813.31	14362397.08	39°33'0.6207"N	80°41'49.3949"W	7919.46	143.243	0.17	0.00	0.17	
15037.00	89.660	160.770	7162.76	7638.44	-6434.53	4770.75	1725844.88	14362307.52	39°32'59.7342"N	80°41'48.9956"W	8010.20	143.446	0.40	0.00	0.40	
15131.00	89.630	160.320	7163.34	7732.43	-6523.16	4802.06	1725876.18	14362218.92	39°32'58.8572"N	80°41'48.5997"W	8100.09	143.641	0.48	-0.03	-0.48	
15226.00	89.970	160.740	7163.67	7827.43	-6612.73	4833.73	1725907.83	14362129.39	39°32'57.9709"N	80°41'48.1993"W	8191.04	143.834	0.57	0.36	0.44	
15321.00	89.820	160.860	7163.85	7922.43	-6702.44	4864.97	1725939.06	14362039.71	39°32'57.0832"N	80°41'47.8044"W	8281.95	144.026	0.20	-0.16	0.13	
15415.00	89.880	160.610	7164.09	8016.43	-6791.18	4895.98	1725970.06	14361951.01	39°32'56.2052"N	80°41'47.4123"W	8372.02	144.211	0.27	0.06	-0.27	
15510.00	89.750	161.140	7164.40	8111.43	-6880.93	4927.11	1726001.17	14361861.29	39°32'55.3171"N	80°41'47.0188"W	8463.07	144.395	0.57	-0.14	0.56	
15604.00	89.510	160.570	7165.01	8205.42	-6969.73	4957.93	1726031.99	14361772.53	39°32'54.4384"N	80°41'46.6291"W	8553.26	144.574	0.66	-0.26	-0.61	
15698.00	89.820	160.790	7165.56	8299.42	-7058.44	4989.03	1726063.07	14361683.86	39°32'53.5607"N	80°41'46.2359"W	8643.61	144.747	0.40	0.33	0.23	
15793.00	89.750	160.780	7165.91	8394.42	-7148.14	5020.30	1726094.33	14361594.19	39°32'52.6731"N	80°41'45.8407"W	8734.95	144.919	0.07	-0.07	-0.01	
15887.00	89.720	160.380	7166.35	8488.42	-7236.80	5051.55	1726125.57	14361505.57	39°32'51.7959"N	80°41'45.4456"W	8825.50	145.084	0.43	-0.03	-0.43	
15981.00	89.910	160.350	7166.65	8582.41	-7325.33	5083.14	1726157.14	14361417.07	39°32'50.9198"N	80°41'45.0462"W	8916.21	145.243	0.20	0.20	-0.03	
16075.00	89.690	160.740	7166.98	8676.41	-7413.96	5114.45	1726188.44	14361328.47	39°32'50.0428"N	80°41'44.6503"W	9006.91	145.401	0.48	-0.23	0.41	
16169.00	89.750	160.650	7167.44	8770.40	-7502.68	5145.52	1726219.50	14361239.80	39°32'49.1650"N	80°41'44.2575"W	9097.61	145.557	0.12	0.06	-0.10	
16263.00	89.630	160.510	7167.95	8864.40	-7591.33	5176.78	1726250.74	14361151.18	39°32'48.2878"N	80°41'43.8623"W	9188.43	145.709	0.20	-0.13	-0.15	
16358.00	89.660	160.440	7168.54	8959.39	-7680.86	5208.53	1726282.48	14361061.68	39°32'47.4018"N	80°41'43.4609"W	9280.32	145.858	0.08	0.03	-0.07	
16452.00	89.630	160.270	7169.12	9053.39	-7769.39	5240.13	1726314.07	14360973.19	39°32'46.5258"N	80°41'43.0613"W	9371.36	146.002	0.18	-0.03	-0.18	

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gunto Unit 2H
Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (272 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
16547.00	89.660	160.480	7169.71	9148.38	-7858.87	5272.03	1726345.96	14360883.74	39°32'45.6404"N	80°41'42.6579"W	9463.41	146.145	0.22	0.03	0.22	
16642.00	89.660	160.370	7170.27	9243.37	-7948.38	5303.86	1726377.78	14360794.27	39°32'44.7547"N	80°41'42.2555"W	9555.50	146.285	0.12	0.00	-0.12	
16737.00	89.540	160.790	7170.93	9338.37	-8037.97	5335.45	1726409.35	14360704.71	39°32'43.8682"N	80°41'41.8562"W	9647.59	146.425	0.46	-0.13	0.44	
16831.00	89.600	160.550	7171.64	9432.37	-8126.67	5366.56	1726440.45	14360616.05	39°32'42.9905"N	80°41'41.4629"W	9738.72	146.561	0.26	0.06	-0.26	
16925.00	89.660	160.520	7172.25	9526.36	-8215.29	5397.88	1726471.76	14360527.46	39°32'42.1136"N	80°41'41.0669"W	9829.96	146.693	0.07	0.06	-0.03	
17020.00	89.570	160.330	7172.88	9621.35	-8304.80	5429.71	1726503.58	14360437.99	39°32'41.2279"N	80°41'40.6644"W	9922.27	146.823	0.22	-0.09	-0.20	
17114.00	89.450	159.940	7173.69	9715.34	-8393.20	5461.65	1726535.51	14360349.62	39°32'40.3531"N	80°41'40.2606"W	10013.77	146.947	0.43	-0.13	-0.41	
17208.00	89.600	160.860	7174.47	9809.33	-8481.75	5493.18	1726567.03	14360261.10	39°32'39.4769"N	80°41'39.8619"W	10105.21	147.071	0.99	0.16	0.98	
17302.00	89.540	160.530	7175.17	9903.33	-8570.46	5524.28	1726598.11	14360172.44	39°32'38.5992"N	80°41'39.4688"W	10196.59	147.195	0.39	-0.06	-0.38	
17397.00	89.690	160.710	7175.81	9998.32	-8660.06	5555.83	1726629.65	14360082.86	39°32'37.7125"N	80°41'39.0700"W	10289.02	147.318	0.27	0.16	0.22	
17491.00	89.630	160.510	7176.37	10092.32	-8748.73	5587.04	1726660.84	14359994.23	39°32'36.8352"N	80°41'38.6755"W	10380.52	147.437	0.22	-0.06	-0.21	
17586.00	89.540	160.440	7177.06	10187.31	-8838.26	5618.79	1726692.58	14359904.73	39°32'35.9492"N	80°41'38.2741"W	10473.09	147.554	0.12	-0.09	-0.07	
17681.00	89.450	160.480	7177.89	10282.31	-8927.79	5650.56	1726724.34	14359815.24	39°32'35.0633"N	80°41'37.8724"W	10565.71	147.670	0.10	-0.09	0.04	
17776.00	89.630	160.670	7178.66	10377.30	-9017.38	5682.15	1726755.92	14359725.69	39°32'34.1768"N	80°41'37.4730"W	10658.33	147.784	0.28	0.19	0.20	
17870.00	89.540	160.530	7179.34	10471.30	-9106.04	5713.37	1726787.13	14359637.06	39°32'33.2995"N	80°41'37.0784"W	10750.00	147.895	0.18	-0.10	-0.15	
17964.00	89.510	160.440	7180.12	10565.29	-9194.64	5744.77	1726818.52	14359548.50	39°32'32.4229"N	80°41'36.6814"W	10841.76	148.003	0.10	-0.03	-0.10	
18058.00	89.570	160.520	7180.87	10659.28	-9283.23	5776.18	1726849.91	14359459.94	39°32'31.5462"N	80°41'36.2844"W	10933.56	148.109	0.11	0.06	0.09	
18153.00	89.540	160.610	7181.61	10754.28	-9372.82	5807.79	1726881.51	14359370.39	39°32'30.6598"N	80°41'35.8848"W	11026.34	148.216	0.10	-0.03	0.09	
18247.00	89.510	160.540	7182.39	10848.27	-9461.46	5839.05	1726912.76	14359281.78	39°32'29.7826"N	80°41'35.4896"W	11118.17	148.320	0.08	-0.03	-0.07	
18341.00	89.630	160.670	7183.09	10942.27	-9550.12	5870.27	1726943.96	14359193.15	39°32'28.9053"N	80°41'35.0950"W	11210.04	148.422	0.19	0.13	0.14	
18435.00	89.320	160.630	7183.96	11036.26	-9638.81	5901.41	1726975.09	14359104.50	39°32'28.0277"N	80°41'34.7014"W	11301.92	148.523	0.33	-0.33	-0.04	
18530.00	89.420	160.860	7185.00	11131.26	-9728.49	5932.74	1727006.41	14359014.86	39°32'27.1403"N	80°41'34.3054"W	11394.78	148.624	0.26	0.11	0.24	
18624.00	89.570	161.330	7185.83	11225.25	-9817.42	5963.19	1727036.85	14358925.97	39°32'26.2604"N	80°41'33.9206"W	11486.57	148.725	0.52	0.16	0.50	
18718.00	89.450	160.470	7186.63	11319.25	-9906.24	5993.95	1727067.59	14358837.18	39°32'25.3815"N	80°41'33.5319"W	11578.47	148.823	0.92	-0.13	-0.91	
18812.00	89.290	160.220	7187.67	11413.24	-9994.76	6025.56	1727099.20	14358748.70	39°32'24.5056"N	80°41'33.1322"W	11670.59	148.915	0.32	-0.17	-0.27	
18907.00	89.450	160.270	7188.71	11508.22	-10084.16	6057.67	1727131.29	14358659.33	39°32'23.6210"N	80°41'32.7263"W	11763.74	149.006	0.18	0.17	0.05	
19001.00	89.630	160.440	7189.47	11602.21	-10172.68	6089.27	1727162.88	14358570.84	39°32'22.7450"N	80°41'32.3268"W	11855.92	149.096	0.26	0.19	0.18	
19096.00	89.350	159.220	7190.31	11697.19	-10261.85	6122.03	1727195.62	14358481.71	39°32'21.8626"N	80°41'31.9126"W	11949.26	149.180	1.32	-0.29	-1.28	
19190.00	89.570	160.600	7191.20	11791.17	-10350.13	6154.31	1727227.90	14358393.47	39°32'20.9891"N	80°41'31.5043"W	12041.62	149.264	1.49	0.23	1.47	
19285.00	89.570	160.740	7191.91	11886.16	-10439.77	6185.76	1727259.33	14358303.86	39°32'20.1020"N	80°41'31.1069"W	12134.76	149.352	0.15	0.00	0.15	

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Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (272 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
19380.00	89.660	160.100	7192.55	11981.16	-10529.27	6217.60	1727291.15	14358214.39	39°32'19.2164"N	80°41'30.7045"W	12228.00	149.438	0.68	0.09	-0.67	
19474.00	89.540	160.180	7193.20	12075.14	-10617.68	6249.53	1727323.07	14358126.02	39°32'18.3416"N	80°41'30.3007"W	12320.38	149.519	0.15	-0.13	0.09	
19569.00	90.430	160.950	7193.23	12170.14	-10707.27	6281.14	1727354.67	14358036.47	39°32'17.4551"N	80°41'29.9012"W	12413.63	149.603	1.24	0.94	0.81	
19663.00	89.970	160.240	7192.90	12264.14	-10795.93	6312.37	1727385.89	14357947.84	39°32'16.5778"N	80°41'29.5065"W	12505.92	149.685	0.90	-0.49	-0.76	
19758.00	90.310	160.570	7192.67	12359.13	-10885.42	6344.23	1727417.74	14357858.38	39°32'15.6922"N	80°41'29.1037"W	12599.27	149.766	0.50	0.36	0.35	
19852.00	90.060	160.430	7192.37	12453.13	-10974.03	6375.61	1727449.10	14357769.81	39°32'14.8154"N	80°41'28.7071"W	12691.64	149.845	0.30	-0.27	-0.15	
19946.00	90.150	160.870	7192.19	12547.13	-11062.72	6406.75	1727480.23	14357681.15	39°32'13.9378"N	80°41'28.3135"W	12783.98	149.924	0.48	0.10	0.47	
20136.00	89.660	161.110	7192.51	12737.13	-11242.36	6468.64	1727542.10	14357501.59	39°32'12.1603"N	80°41'27.5314"W	12970.50	150.085	0.29	-0.26	0.13	
20230.00	89.720	161.570	7193.02	12831.12	-11331.41	6498.72	1727572.16	14357412.57	39°32'11.2791"N	80°41'27.1515"W	13062.70	150.165	0.49	0.06	0.49	
20325.00	89.850	161.470	7193.37	12926.12	-11421.52	6528.83	1727602.26	14357322.50	39°32'10.3876"N	80°41'26.7711"W	13155.86	150.247	0.17	0.14	-0.11	
20419.00	89.720	161.610	7193.73	13020.11	-11510.68	6558.59	1727632.01	14357233.37	39°32'9.5054"N	80°41'26.3951"W	13248.05	150.326	0.20	-0.14	0.15	
20513.00	89.820	161.560	7194.10	13114.11	-11599.86	6588.29	1727661.70	14357144.22	39°32'8.6229"N	80°41'26.0200"W	13340.25	150.405	0.12	0.11	-0.05	
20608.00	89.720	161.640	7194.49	13209.10	-11690.01	6618.27	1727691.67	14357054.12	39°32'7.7310"N	80°41'25.6413"W	13433.46	150.484	0.13	-0.11	0.08	
20702.00	89.630	161.610	7195.02	13303.09	-11779.21	6647.90	1727721.29	14356964.95	39°32'6.8484"N	80°41'25.2670"W	13525.70	150.561	0.10	-0.10	-0.03	
20796.00	89.600	161.630	7195.65	13397.08	-11868.41	6677.54	1727750.92	14356875.78	39°32'5.9657"N	80°41'24.8926"W	13617.96	150.637	0.04	-0.03	0.02	
20891.00	89.720	161.530	7196.21	13492.08	-11958.55	6707.56	1727780.92	14356785.68	39°32'5.0739"N	80°41'24.5135"W	13711.24	150.712	0.16	0.13	-0.11	
20985.00	89.630	161.590	7196.75	13586.07	-12047.72	6737.29	1727810.65	14356696.55	39°32'4.1916"N	80°41'24.1379"W	13803.57	150.785	0.12	-0.10	0.06	
21080.00	89.750	161.760	7197.26	13681.06	-12137.90	6767.16	1727840.50	14356606.40	39°32'3.2993"N	80°41'23.7607"W	13896.87	150.859	0.22	0.13	0.18	
21174.00	89.880	161.770	7197.56	13775.05	-12227.18	6796.58	1727869.90	14356517.16	39°32'2.4160"N	80°41'23.3892"W	13989.19	150.932	0.14	0.14	0.01	
21269.00	89.570	161.220	7198.02	13870.05	-12317.26	6826.73	1727900.04	14356427.11	39°32'1.5246"N	80°41'23.0083"W	14082.59	151.003	0.66	-0.33	-0.58	
21363.00	89.970	161.470	7198.40	13964.04	-12406.32	6856.79	1727930.10	14356338.08	39°32'0.6434"N	80°41'22.6285"W	14175.07	151.071	0.50	0.43	0.27	
21457.00	88.770	159.890	7199.43	14058.03	-12495.02	6887.89	1727961.18	14356249.42	39°31'59.7657"N	80°41'22.2355"W	14267.75	151.134	2.11	-1.28	-1.68	
21551.00	89.820	162.210	7200.59	14152.02	-12583.91	6918.41	1727991.69	14356160.56	39°31'58.8861"N	80°41'21.8499"W	14360.34	151.199	2.71	1.12	2.47	
21646.00	88.920	161.730	7201.63	14246.99	-12674.24	6947.81	1728021.08	14356070.27	39°31'57.9924"N	80°41'21.4787"W	14453.67	151.269	1.07	-0.95	-0.51	
21740.00	89.170	161.410	7203.20	14340.98	-12763.41	6977.53	1728050.78	14355981.14	39°31'57.1101"N	80°41'21.1034"W	14546.15	151.335	0.43	0.27	-0.34	
21835.00	89.420	161.750	7204.37	14435.96	-12853.53	7007.54	1728080.79	14355891.05	39°31'56.2183"N	80°41'20.7243"W	14639.64	151.401	0.44	0.26	0.36	
21929.00	89.290	161.600	7205.43	14529.95	-12942.76	7037.09	1728110.33	14355801.86	39°31'55.3355"N	80°41'20.3510"W	14732.13	151.467	0.21	-0.14	-0.16	
22024.00	89.170	161.780	7206.70	14624.93	-13032.94	7066.94	1728140.16	14355711.71	39°31'54.4432"N	80°41'19.9741"W	14825.63	151.532	0.23	-0.13	0.19	
22118.00	89.200	161.780	7208.04	14718.91	-13122.22	7096.32	1728169.53	14355622.47	39°31'53.5598"N	80°41'19.6030"W	14918.13	151.596	0.03	0.03	0.00	
22212.00	89.260	161.630	7209.30	14812.90	-13211.46	7125.83	1728199.03	14355533.26	39°31'52.6768"N	80°41'19.2304"W	15010.67	151.659	0.17	0.06	-0.16	



Actual Wellpath Report

Gunto Unit 2H AWP Proj: 25088'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gunto Unit 2H
Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (272 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
22307.00	89.230	161.580	7210.56	14907.88	-13301.60	7155.81	1728228.99	14355443.16	39°31'51.7849"N	80°41'18.8518"W	15104.24	151.721	0.06	-0.03	-0.05	
22401.00	89.230	161.580	7211.82	15001.87	-13390.78	7185.50	1728258.68	14355354.02	39°31'50.9026"N	80°41'18.4767"W	15196.85	151.782	0.00	0.00	0.00	
22495.00	89.540	161.660	7212.83	15095.86	-13479.97	7215.14	1728288.31	14355264.85	39°31'50.0200"N	80°41'18.1024"W	15289.47	151.842	0.34	0.33	0.09	
22590.00	89.480	161.880	7213.64	15190.85	-13570.20	7244.86	1728318.01	14355174.66	39°31'49.1272"N	80°41'17.7271"W	15383.06	151.903	0.24	-0.06	0.23	
22684.00	89.450	161.800	7214.52	15284.83	-13659.52	7274.16	1728347.30	14355085.38	39°31'48.2435"N	80°41'17.3572"W	15475.65	151.963	0.09	-0.03	-0.09	
22778.00	89.510	161.770	7215.37	15378.82	-13748.80	7303.54	1728376.67	14354996.13	39°31'47.3601"N	80°41'16.9862"W	15568.28	152.022	0.07	0.06	-0.03	
22872.00	89.630	161.660	7216.08	15472.81	-13838.05	7333.03	1728406.15	14354906.92	39°31'46.4770"N	80°41'16.6138"W	15660.94	152.080	0.17	0.13	-0.12	
22966.00	89.480	160.570	7216.81	15566.80	-13926.99	7363.45	1728436.56	14354818.01	39°31'45.5969"N	80°41'16.2294"W	15753.78	152.134	1.17	-0.16	-1.16	
23060.00	89.600	160.640	7217.56	15660.80	-14015.65	7394.67	1728467.76	14354729.39	39°31'44.7196"N	80°41'15.8350"W	15846.75	152.184	0.15	0.13	0.07	
23155.00	89.910	160.660	7217.97	15755.80	-14105.29	7426.14	1728499.22	14354639.79	39°31'43.8327"N	80°41'15.4373"W	15940.72	152.234	0.33	0.33	0.02	
23249.00	90.030	160.590	7218.02	15849.79	-14193.96	7457.33	1728530.40	14354551.15	39°31'42.9552"N	80°41'15.0432"W	16033.72	152.283	0.15	0.13	-0.07	
23343.00	89.850	160.680	7218.11	15943.79	-14282.64	7488.50	1728561.55	14354462.50	39°31'42.0776"N	80°41'14.6494"W	16126.73	152.332	0.21	-0.19	0.10	
23438.00	89.940	160.650	7218.29	16038.79	-14372.29	7519.95	1728592.99	14354372.89	39°31'41.1906"N	80°41'14.2519"W	16220.74	152.380	0.10	0.09	-0.03	
23532.00	89.820	160.760	7218.49	16132.79	-14461.01	7551.01	1728624.04	14354284.21	39°31'40.3127"N	80°41'13.8595"W	16313.75	152.428	0.17	-0.13	0.12	
23627.00	89.850	160.520	7218.76	16227.79	-14550.63	7582.50	1728655.52	14354194.62	39°31'39.4258"N	80°41'13.4616"W	16407.78	152.475	0.25	0.03	-0.25	
23721.00	89.880	160.730	7218.98	16321.79	-14639.31	7613.69	1728686.69	14354105.98	39°31'38.5483"N	80°41'13.0675"W	16500.84	152.522	0.23	0.03	0.22	
23816.00	90.090	160.250	7219.01	16416.78	-14728.85	7645.42	1728718.41	14354016.47	39°31'37.6623"N	80°41'12.6666"W	16594.93	152.567	0.55	0.22	-0.51	
23911.00	89.450	160.700	7219.39	16511.78	-14818.39	7677.17	1728750.15	14353926.97	39°31'36.7763"N	80°41'12.2654"W	16689.03	152.612	0.82	-0.67	0.47	
24005.00	89.480	160.770	7220.26	16605.77	-14907.12	7708.18	1728781.15	14353838.27	39°31'35.8982"N	80°41'11.8736"W	16782.08	152.657	0.08	0.03	0.07	
24100.00	89.600	160.840	7221.03	16700.77	-14996.84	7739.41	1728812.37	14353748.59	39°31'35.0105"N	80°41'11.4790"W	16876.13	152.703	0.15	0.13	0.07	
24194.00	89.480	160.780	7221.78	16794.76	-15085.61	7770.31	1728843.25	14353659.85	39°31'34.1320"N	80°41'11.0886"W	16969.19	152.748	0.14	-0.13	-0.06	
24289.00	89.540	160.920	7222.59	16889.76	-15175.35	7801.47	1728874.40	14353570.15	39°31'33.2440"N	80°41'10.6949"W	17063.24	152.793	0.16	0.06	0.15	
24383.00	89.450	160.630	7223.42	16983.76	-15264.11	7832.42	1728905.34	14353481.43	39°31'32.3658"N	80°41'10.3039"W	17156.33	152.836	0.32	-0.10	-0.31	
24478.00	89.420	160.720	7224.36	17078.75	-15353.75	7863.86	1728936.77	14353391.82	39°31'31.4787"N	80°41'9.9067"W	17250.45	152.879	0.10	-0.03	0.09	
24572.00	89.450	160.770	7225.29	17172.75	-15442.49	7894.86	1728967.75	14353303.12	39°31'30.6007"N	80°41'9.5151"W	17343.56	152.922	0.06	0.03	0.05	
24667.00	89.750	160.710	7225.95	17267.74	-15532.17	7926.19	1728999.07	14353213.47	39°31'29.7133"N	80°41'9.1192"W	17437.68	152.964	0.32	0.32	-0.06	
24761.00	89.820	160.670	7226.30	17361.74	-15620.88	7957.28	1729030.15	14353124.79	39°31'28.8354"N	80°41'8.7265"W	17530.83	153.006	0.09	0.07	-0.04	
24855.00	89.600	161.080	7226.78	17455.74	-15709.69	7988.07	1729060.93	14353036.02	39°31'27.9566"N	80°41'8.3375"W	17623.95	153.048	0.49	-0.23	0.44	
24950.00	89.750	160.610	7227.32	17550.74	-15799.43	8019.24	1729092.09	14352946.32	39°31'27.0686"N	80°41'7.9437"W	17718.07	153.089	0.52	0.16	-0.49	
25044.00	89.720	160.870	7227.75	17644.74	-15888.17	8050.25	1729123.08	14352857.61	39°31'26.1906"N	80°41'7.5520"W	17811.24	153.129	0.28	-0.03	0.28	

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Actual Wellpath Report

Gunto Unit 2H AWP Proj: 25088'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Gunto Unit 2H
Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (272 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
25063.00	89.420	160.590	7227.89	17683.73	-15906.10	8056.52	1729129.35	14352839.69	39°31'26.0131"N	80°41'7.4728"W	17830.07	153.138	2.16	-1.58	-1.47	
25088.00‡	89.420	160.590	7228.15	17688.73	-15929.68	8064.83	1729137.66	14352816.12	39°31'25.7798"N	80°41'7.3678"W	17854.86	153.148	0.00	0.00	0.00	Projected MD at TD: 25088'

HOLE & CASING SECTIONS - Ref Wellbore: Gunto Unit 2H AWB Ref Wellpath: Gunto Unit 2H AWP Proj: 25088'

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	-0.19	-0.47
17.5in Open Hole	130.00	727.00	597.00	130.00	726.98	-0.19	-0.47	-0.18	-0.08
13.375in Casing Surface	30.00	707.00	677.00	30.00	706.99	0.00	0.00	-0.44	-0.41
12.25in Open Hole	727.00	3726.00	2999.00	726.98	3532.75	-0.18	-0.08	373.81	939.97
9.625in Casing Intermediate	30.00	3687.00	3657.00	30.00	3495.83	0.00	0.00	368.32	928.68
8.75in Open Hole	3726.00	7249.00	3523.00	3532.75	6774.34	373.81	939.97	770.91	2216.69
8.5in Open Hole	7249.00	25088.00	17839.00	6774.34	7228.15	770.91	2216.69	-15929.68	8064.83
5.5in Casing Production	30.00	25068.00	25038.00	30.00	7227.95	0.00	0.00	-15910.82	8058.18



Actual Wellpath Report

Gunto Unit 2H AWP Proj: 25088'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gunto Unit 2H
Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Gunto Unit 2H POE Rev-1	7110.00	405.66	2424.10	1723499.15	14369145.01	39°34'7.4142"N	80°42'18.6664"W	point
Gunto Unit 2H BHL Rev-1	7138.00	-16352.74	8203.68	1729276.45	14352393.22	39°31'21.5937"N	80°41'5.6148"W	point
Gunto Unit 2H BHL Rev-3	7138.00	-15901.83	8048.17	1729121.00	14352843.96	39°31'26.0556"N	80°41'7.5792"W	point
Gunto Unit 2H LP Rev-1	7138.00	218.19	2488.75	1723563.78	14368957.62	39°34'5.5593"N	80°42'17.8487"W	point
Gunto Unit 2H 50' L/R Hard Line R-3	7500.00	-7748.08	5236.13	1726310.08	14360994.48	39°32'46.7365"N	80°41'43.1114"W	rectangle
2D Rectangle 17250 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Gunto Unit 2H AWB Ref Wellpath: Gunto Unit 2H AWP Proj: 25088'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	585.00	Gyrodata 2015 - GC+WIR+DPIPE	01 Gyrodata MS Gyro <17-1/2"> (100'-585')	Gunto Unit 2H AWB	12/11/2023
585.00	3653.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (585')(771'-3653')	Gunto Unit 2H AWB	12/11/2023
3653.00	7180.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (3653')(3782'-7180')	Gunto Unit 2H AWB	12/11/2023
7180.00	25088.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (7180')(7234'-25063')	Gunto Unit 2H AWB	12/11/2023

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Actual Wellpath Report

Gunto Unit 2H AWP Proj: 25088'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gunto Unit 2H
Field	Wetzel	API	47-103-03617-0000
Facility	Cedar Pad	Wellbore	Gunto Unit 2H AWB
Slot	Slot F		

COMMENTS
<p>Wellpath general comments API: 47-103-03617-0000 BH Job #: 112047853 Rig: H&P 519 Duration: 12/13/2023-12/21/2023 Gyrodata MS Gyro <17-1/2"> (100'-585') APS EM <12-1/4"> (585')(771'-3653') APS EM <8-3/4"> (3653')(3782'-7180') BH AT Curve <8-1/2"> (7180')(7234'-25063') Sycamore: 7231' MD Middlesex: 7394' MD Burkett: 7540' MD Tully: 7597' MD Marcellus POE: 7841' MD Projected MD at TD: 25088'</p>

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