



ANTERO RESOURCES CORPORATION

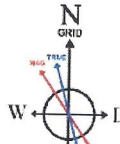
Location: Wetzel County, WV
Field: Wetzel
Facility: Furbee Pad

Slot: Slot J
Well: Gauss Unit 2H
Wellbore: Gauss Unit 2H PWB

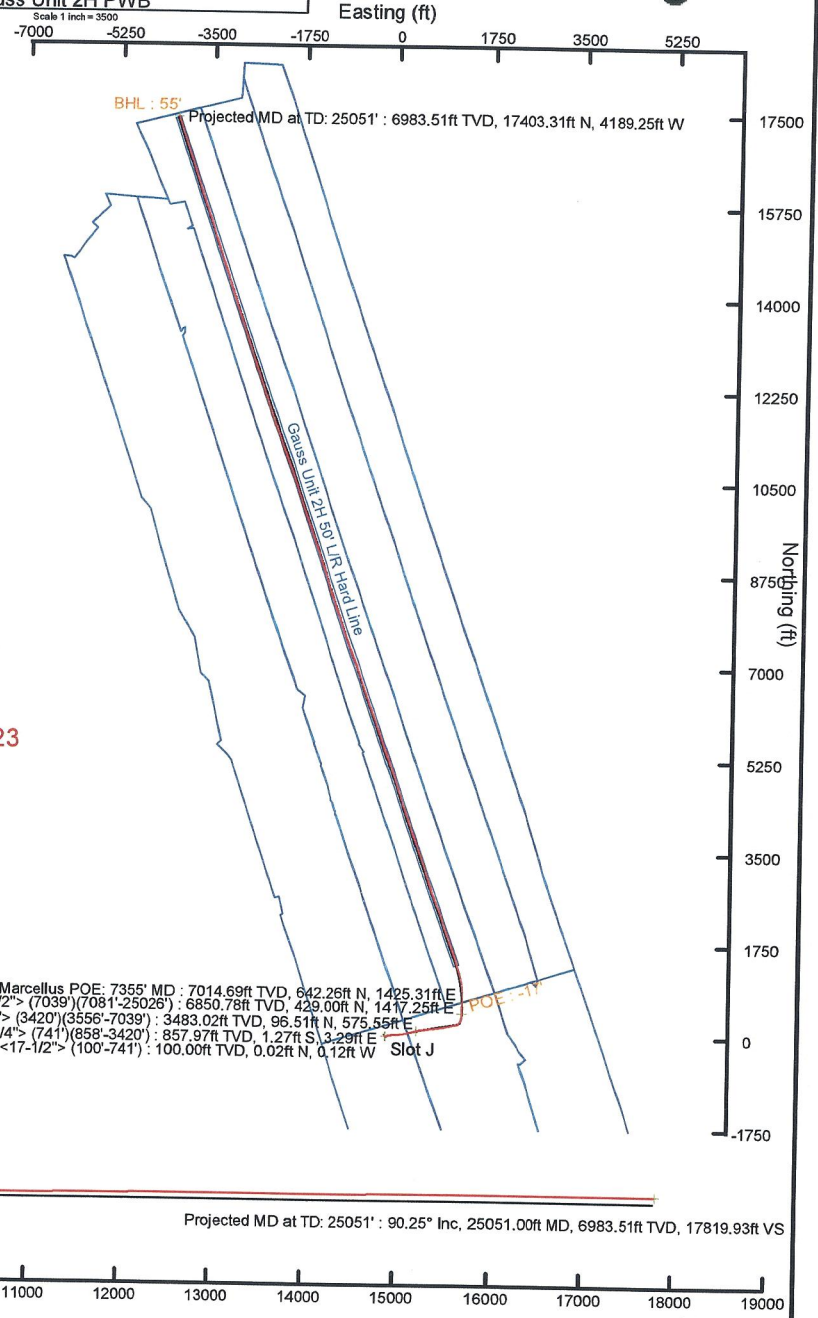


Plot reference wellpath is Gauss Unit 2H PWB Rev-B.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 317 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 317 (RKB)	Scale: True distance
H&P 317 (RKB) to Mean Sea Level: 1237.5 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground Level (At Slot: Slot J): -1212 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: ctdsnav on 2023-11-20, Database: WA_MPL_EASTERNUS_Dels

Location Information				
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Furbee Pad	1716103.700	14364954.390	39°33'26.2100"N	80°43'53.2980"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Slot J	-270.26	134.90	1716238.550	14364684.240
Comment	Gauss Unit 2H			
H&P 317 (RKB) to Ground level (At Slot: Slot J)	25.5ft			
Mean Sea Level to Ground level (At Slot: Slot J)	-1212ft			
H&P 317 (RKB) to Mean Sea Level	1237.5ft			



User specified (HDGM) Dip: 66.33° Field: 51677 nT
Magnetic North is 7.84 degrees West of True North (at 10/31/2023)
Grid North is 0.17 degrees East of True North
To correct azimuth from True to Grid subtract 0.17 degrees
To correct azimuth from Magnetic to Grid subtract 8.01 degrees



Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	VS (ft)
Tie On	3420.00	13.380	76.210	3350.53	87.22	546.34	1.31
Proj. to Bottom	3495.00	13.380	76.210	3423.49	91.36	563.19	0.00
Drill Out	3575.00	13.380	76.210	3501.32	95.77	581.17	0.00
End of 3D Arc	3673.02	15.117	79.910	3596.32	100.72	604.77	2.00
Curve KOP	6536.40	15.117	79.910	6360.61	231.54	1339.96	0.00
POE	7458.25	73.926	352.783	7028.00	768.22	1413.05	8.00
Landing Pt.	7659.17	90.000	352.783	7056.00	964.95	1388.14	8.00
On AZI	8051.07	90.000	341.026	7056.00	1345.99	1299.50	3.00
BHL	25007.51	90.000	341.026	7056.00	17381.13	-4213.68	0.00
							17806.90

Gyrodatta MS Gyro <17-1/2"> (100°-741') : 0.19° Inc, 100.00ft MD, 100.00ft TVD, 0.06ft VS

APS EM <12-1/4"> (741')(858'-3420') : 1.86° Inc, 858.00ft MD, 857.97ft TVD, -2.27ft VS

API: 47-103-03586-0000
BH Job #: 111949152
Rig: H&P 317
Duration: 11/1/2023-11/8/2023

Well Data			
Slot	Well	Wellbore	Wellpath
Slot J	Gauss Unit 2H	Gauss Unit 2H AWB	Gauss Unit 2H AWP Proj: 25051'
Slot J	Gauss Unit 2H	Gauss Unit 2H PWB	Gauss Unit 2H PWP Rev-B.0

APS EM <8-3/4"> (3420')(3556'-7039') : 12.73° Inc, 3556.00ft MD, 3483.02ft TVD, -95.83ft VS

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Marcellus POE: 7355' MD : 7014.69ft TVD, 642.26ft N, 1425.31ft E
BH AT Curve <8-1/2"> (7039')(7081'-25026') : 35.94° Inc, 7081.00ft MD, 6850.78ft TVD, -55.01ft VS
APS EM <8-3/4"> (3420')(3556'-7039') : 3483.02ft TVD, 96.51ft N, 575.55ft E
APS EM <12-1/4"> (741')(858'-3420') : 857.97ft TVD, 1.27ft S, 3.29ft E
Gyrodatta MS Gyro <17-1/2"> (100°-741') : 100.00ft TVD, 0.02ft N, 0.12ft W Slot J

Scale 1 inch = 2000

Scale 1 inch = 2000



Actual Wellpath Report

Gauss Unit 2H AWP Proj: 25051'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Gauss Unit 2H
Field	Wetzel	API	47-103-03586-0000
Facility	Furbee Pad	Wellbore	Gauss Unit 2H AWB
Slot	Slot J		

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	11/20/2023 at 2:10:06 PM
Convergence at slot	0.17° 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	-270.26	134.90	1716238.55	14364684.24	39°33'23.5351"N	80°43'51.5860"W
Facility Reference Pt			1716103.70	14364954.39	39°33'26.2100"N	80°43'53.2980"W
Field Reference Pt			0.00	0.00	0°00'0.0000"	85°29'19.3013"W

WELLPATH DATUM

Calculation method	Minimum curvature	H&P 317 (RKB) to Facility Vertical Datum	1237.50ft
Horizontal Reference Pt	Slot	H&P 317 (RKB) to Mean Sea Level	1237.50ft
Vertical Reference Pt	H&P 317 (RKB)	H&P 317 (RKB) to Ground Level at Slot (Slot J)	25.50ft
MD Reference Pt	H&P 317 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	341.03°



Actual Wellpath Report

Gauss Unit 2H AWP Proj: 25051'

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Field	Wetzel	API	47-103-03586-0000
Facility	Furbee Pad	Wellbore	Gauss Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (267 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	278.780	0.00	0.00	0.00	0.00	1716238.55	14364684.24	39°33'23.5351"N	80°43'51.5860"W	0.00	0.000	0.00	0.00	0.00	
25.50	0.000	278.780	25.50	0.00	0.00	0.00	1716238.55	14364684.24	39°33'23.5351"N	80°43'51.5860"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.190	278.780	100.00	0.06	0.02	-0.12	1716238.43	14364684.26	39°33'23.5352"N	80°43'51.5876"W	0.12	278.780	0.26	0.26	0.00	Gyrodata MS Gyro <17-1/2"> (100'-741')
200.00	0.140	243.760	200.00	0.12	-0.01	-0.40	1716238.15	14364684.23	39°33'23.5350"N	80°43'51.5910"W	0.40	268.573	0.11	-0.05	-35.02	
300.00	0.100	151.240	300.00	0.02	-0.14	-0.46	1716238.09	14364684.10	39°33'23.5337"N	80°43'51.5919"W	0.48	253.138	0.18	-0.04	-92.52	
400.18	0.090	181.950	400.18	-0.14	-0.30	-0.42	1716238.13	14364683.94	39°33'23.5321"N	80°43'51.5914"W	0.52	235.096	0.05	-0.01	30.65	
500.00	0.130	120.300	500.00	-0.30	-0.43	-0.33	1716238.22	14364683.81	39°33'23.5308"N	80°43'51.5902"W	0.54	217.316	0.12	0.04	-61.76	
600.00	0.360	100.250	600.00	-0.54	-0.54	0.08	1716238.63	14364683.70	39°33'23.5297"N	80°43'51.5850"W	0.55	171.797	0.24	0.23	-20.05	
700.00	0.490	114.690	700.00	-0.99	-0.78	0.78	1716239.33	14364683.46	39°33'23.5273"N	80°43'51.5761"W	1.10	135.098	0.17	0.13	14.44	
741.00	0.440	131.300	740.99	-1.25	-0.96	1.05	1716239.60	14364683.28	39°33'23.5256"N	80°43'51.5726"W	1.42	132.215	0.35	-0.12	40.51	
858.00	1.860	90.540	857.97	-2.27	-1.27	3.29	1716241.84	14364682.97	39°33'23.5224"N	80°43'51.5440"W	3.53	111.113	1.33	1.21	-34.84	APS EM <12-1/4"> (741')(858'-3420')
947.00	2.710	89.000	946.90	-3.40	-1.25	6.84	1716245.39	14364682.99	39°33'23.5225"N	80°43'51.4987"W	6.95	100.337	0.96	0.96	-1.73	
1037.00	2.410	97.700	1036.81	-4.91	-1.46	10.84	1716249.39	14364682.78	39°33'23.5203"N	80°43'51.4477"W	10.94	97.689	0.54	-0.33	9.67	
1131.00	3.860	81.630	1130.67	-6.38	-1.27	15.93	1716254.47	14364682.97	39°33'23.5220"N	80°43'51.3827"W	15.98	94.551	1.79	1.54	-17.10	
1226.00	6.220	76.780	1225.29	-7.48	0.37	24.10	1716262.65	14364684.61	39°33'23.5380"N	80°43'51.2782"W	24.11	89.109	2.52	2.48	-5.11	
1321.00	5.550	73.830	1319.79	-8.22	2.83	33.53	1716272.06	14364687.07	39°33'23.5620"N	80°43'51.1578"W	33.65	85.173	0.77	-0.71	-3.11	
1415.00	8.060	72.780	1413.12	-8.64	6.05	44.19	1716282.72	14364690.29	39°33'23.5935"N	80°43'51.0216"W	44.60	82.206	2.67	2.67	-1.12	
1510.00	10.340	72.740	1508.89	-9.10	10.55	58.69	1716297.22	14364694.79	39°33'23.6376"N	80°43'50.8362"W	59.63	79.810	2.40	2.40	-0.04	
1604.00	11.430	79.830	1599.21	-10.78	14.70	75.92	1716314.44	14364698.93	39°33'23.6781"N	80°43'50.6162"W	77.33	79.043	1.83	1.16	7.54	
1699.00	13.030	81.820	1692.05	-14.22	17.88	95.79	1716334.30	14364702.12	39°33'23.7090"N	80°43'50.3624"W	97.44	79.424	1.74	1.68	2.09	
1888.00	14.070	87.160	1875.79	-24.60	22.05	139.82	1716378.32	14364706.29	39°33'23.7489"N	80°43'49.8000"W	141.55	81.037	0.86	0.55	2.83	
1982.00	15.390	86.890	1966.70	-31.18	23.30	163.69	1716402.18	14364707.53	39°33'23.7605"N	80°43'49.4952"W	165.34	81.900	1.41	1.40	-0.29	
2077.00	16.940	87.680	2057.94	-38.59	24.54	190.11	1716428.58	14364708.77	39°33'23.7720"N	80°43'49.1579"W	191.69	82.644	1.65	1.63	0.83	
2172.00	17.010	86.110	2148.80	-46.17	26.04	217.80	1716456.27	14364710.27	39°33'23.7860"N	80°43'48.8043"W	219.35	83.181	0.49	0.07	-1.65	
2361.00	17.340	84.630	2329.37	-59.99	30.56	273.42	1716511.87	14364714.78	39°33'23.8289"N	80°43'48.0940"W	275.13	83.624	0.29	0.17	-0.78	
2455.00	17.430	82.940	2419.08	-66.19	33.60	301.34	1716539.77	14364717.82	39°33'23.8582"N	80°43'47.7374"W	303.21	83.638	0.55	0.10	-1.80	
2550.00	16.910	81.170	2509.85	-71.55	37.47	329.12	1716567.54	14364721.69	39°33'23.8956"N	80°43'47.3827"W	331.24	83.505	0.78	-0.55	-1.86	
2644.00	16.470	78.360	2599.89	-75.66	42.25	355.68	1716594.09	14364726.48	39°33'23.9421"N	80°43'47.0434"W	358.18	83.225	0.98	-0.47	-2.99	
2738.00	16.550	75.460	2690.02	-78.40	48.30	381.69	1716620.09	14364732.52	39°33'24.0011"N	80°43'46.7111"W	384.73	82.787	0.88	0.09	-3.09	
2833.00	15.950	72.640	2781.22	-79.81	55.60	407.24	1716645.63	14364739.81	39°33'24.0724"N	80°43'46.3846"W	411.02	82.226	1.04	-0.63	-2.97	

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Actual Wellpath Report

Gauss Unit 2H AWP Proj: 25051'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gauss Unit 2H
Field	Wetzel	API	47-103-03586-0000
Facility	Furbee Pad	Wellbore	Gauss Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (267 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
2927.00	15.100	74.010	2871.79	-80.81	62.82	431.34	1716669.72	14364747.04	39°33'24.1432"N	80°43'46.0766"W	435.89	81.714	0.98	-0.90	1.46	
3021.00	14.370	80.940	2962.71	-83.45	68.03	454.63	1716693.00	14364752.25	39°33'24.1940"N	80°43'45.7791"W	459.69	81.489	2.03	-0.78	7.37	
3116.00	13.970	80.430	3054.82	-87.35	71.79	477.58	1716715.94	14364756.01	39°33'24.2305"N	80°43'45.4859"W	482.95	81.451	0.44	-0.42	-0.54	
3305.00	12.980	76.050	3238.61	-92.94	80.71	520.68	1716759.02	14364764.91	39°33'24.3172"N	80°43'44.9354"W	526.90	81.189	0.75	-0.52	-2.32	
3400.00	13.570	75.430	3331.08	-94.73	86.08	541.82	1716780.16	14364770.29	39°33'24.3697"N	80°43'44.6652"W	548.62	80.973	0.64	0.62	-0.65	
3420.00	13.380	76.210	3350.53	-95.11	87.22	546.34	1716784.67	14364771.43	39°33'24.3809"N	80°43'44.6075"W	553.26	80.929	1.31	-0.95	3.90	
3556.00	12.730	68.320	3483.02	-95.83	96.51	575.55	1716813.87	14364780.71	39°33'24.4718"N	80°43'44.2342"W	583.58	80.481	1.39	-0.48	-5.80	APS EM <8-3/4"> (3420')(3556'-7039')
3650.00	15.030	72.280	3574.27	-95.60	104.05	596.79	1716835.10	14364788.25	39°33'24.5457"N	80°43'43.9628"W	605.79	80.110	2.65	2.45	4.21	
3745.00	16.100	81.280	3665.80	-98.22	109.79	621.54	1716859.85	14364793.99	39°33'24.6017"N	80°43'43.6465"W	631.17	79.982	2.78	1.13	9.47	
3839.00	17.480	85.850	3755.79	-104.15	112.79	648.51	1716886.80	14364796.99	39°33'24.6306"N	80°43'43.3021"W	658.25	80.134	2.03	1.47	4.86	
3934.00	17.140	83.930	3846.49	-110.92	115.30	676.66	1716914.94	14364799.50	39°33'24.6545"N	80°43'42.9426"W	686.41	80.330	0.70	-0.36	-2.02	
4028.00	17.150	80.130	3936.32	-116.21	119.15	704.09	1716942.36	14364803.34	39°33'24.6917"N	80°43'42.5923"W	714.10	80.395	1.19	0.01	-4.04	
4123.00	16.170	85.090	4027.33	-121.64	122.68	731.07	1716969.33	14364806.87	39°33'24.7258"N	80°43'42.2477"W	741.29	80.474	1.82	-1.03	5.22	
4218.00	15.590	82.990	4118.71	-127.49	125.37	756.92	1716995.17	14364809.56	39°33'24.7516"N	80°43'41.9175"W	767.23	80.595	0.86	-0.61	-2.21	
4312.00	15.270	78.660	4209.32	-131.76	129.34	781.60	1717019.84	14364813.53	39°33'24.7902"N	80°43'41.6024"W	792.23	80.603	1.27	-0.34	-4.61	
4407.00	14.910	81.090	4301.05	-135.55	133.70	805.94	1717044.17	14364817.88	39°33'24.8325"N	80°43'41.2914"W	816.95	80.581	0.77	-0.38	2.56	
4501.00	12.900	79.410	4392.29	-139.19	137.50	828.20	1717066.42	14364821.68	39°33'24.8694"N	80°43'41.0070"W	839.54	80.574	2.18	-2.14	-1.79	
4596.00	13.060	83.960	4484.86	-143.14	140.58	849.30	1717087.51	14364824.76	39°33'24.8992"N	80°43'40.7376"W	860.85	80.602	1.09	0.17	4.79	
4690.00	13.650	85.250	4576.32	-148.24	142.61	870.91	1717109.12	14364826.80	39°33'24.9186"N	80°43'40.4615"W	882.51	80.700	0.70	0.63	1.37	
4785.00	15.080	86.000	4668.35	-154.19	144.40	894.41	1717132.61	14364828.59	39°33'24.9356"N	80°43'40.1614"W	906.00	80.829	1.52	1.51	0.79	
4880.00	13.740	79.940	4760.36	-159.13	147.24	917.85	1717156.04	14364831.42	39°33'24.9629"N	80°43'39.8621"W	929.59	80.887	2.12	-1.41	-6.38	
4974.00	14.050	84.130	4851.62	-163.44	150.35	940.19	1717178.37	14364834.53	39°33'24.9931"N	80°43'39.5767"W	952.14	80.914	1.12	0.33	4.46	
5069.00	16.320	81.690	4943.29	-168.53	153.46	964.88	1717203.05	14364837.64	39°33'25.0231"N	80°43'39.2614"W	977.00	80.963	2.48	2.39	-2.57	
5164.00	16.150	84.130	5034.51	-173.99	156.74	991.23	1717229.39	14364840.92	39°33'25.0547"N	80°43'38.9249"W	1003.54	81.014	0.74	-0.18	2.57	
5260.00	14.820	80.110	5127.02	-178.95	160.22	1016.61	1717254.75	14364844.39	39°33'25.0883"N	80°43'38.6008"W	1029.15	81.044	1.78	-1.39	-4.19	
5355.00	14.280	83.670	5218.98	-183.44	163.60	1040.22	1717278.36	14364847.77	39°33'25.1210"N	80°43'38.2991"W	1053.01	81.062	1.10	-0.57	3.75	
5449.00	15.580	82.490	5309.80	-188.48	166.52	1064.26	1717302.39	14364850.70	39°33'25.1492"N	80°43'37.9921"W	1077.21	81.107	1.42	1.38	-1.26	
5544.00	13.750	80.320	5401.70	-192.84	170.09	1088.04	1717326.16	14364854.26	39°33'25.1837"N	80°43'37.6884"W	1101.25	81.115	2.01	-1.93	-2.28	
5638.00	14.810	77.040	5492.80	-195.90	174.66	1110.76	1717348.87	14364858.83	39°33'25.2282"N	80°43'37.3981"W	1124.41	81.064	1.42	1.13	-3.49	
5733.00	15.320	78.710	5584.53	-198.85	179.84	1134.90	1717373.00	14364864.01	39°33'25.2787"N	80°43'37.0897"W	1149.06	80.995	0.70	0.54	1.76	



Actual Wellpath Report

Gauss Unit 2H AWP Proj: 25051'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Gauss Unit 2H
Field	Wetzel		API	47-103-03586-0000
Facility	Furbee Pad		Wellbore	Gauss Unit 2H AWB
Slot	Slot J			

WELLPATH DATA (267 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
5828.00	16.820	77.030	5675.82	-201.96	185.39	1160.60	1717398.69	14364869.55	39°33'25.3327"N	80°43'36.7614"W	1175.32	80.925	1.65	1.58	-1.77	
5922.00	14.880	74.500	5766.24	-204.12	191.66	1185.49	1717423.57	14364875.83	39°33'25.3940"N	80°43'36.4434"W	1200.88	80.816	2.19	-2.06	-2.69	
6017.00	15.100	75.170	5858.01	-205.75	198.09	1209.20	1717447.28	14364882.25	39°33'25.4568"N	80°43'36.1403"W	1225.32	80.696	0.29	0.23	0.71	
6111.00	15.650	75.410	5948.65	-207.60	204.42	1233.31	1717471.37	14364888.58	39°33'25.5186"N	80°43'35.8323"W	1250.14	80.589	0.59	0.59	0.26	
6206.00	14.160	78.800	6040.45	-210.15	209.90	1257.11	1717495.16	14364894.06	39°33'25.5721"N	80°43'35.5283"W	1274.52	80.521	1.82	-1.57	3.57	
6301.00	13.170	76.800	6132.76	-212.81	214.63	1279.05	1717517.09	14364898.79	39°33'25.6182"N	80°43'35.2480"W	1296.93	80.474	1.15	-1.04	-2.11	
6396.00	13.340	79.200	6225.23	-215.45	219.16	1300.35	1717538.39	14364903.31	39°33'25.6623"N	80°43'34.9759"W	1318.69	80.433	0.61	0.18	2.53	
6490.00	13.820	76.770	6316.60	-218.12	223.76	1321.93	1717559.96	14364907.91	39°33'25.7071"N	80°43'34.7002"W	1340.74	80.393	0.79	0.51	-2.59	
6585.00	16.520	59.490	6408.33	-216.55	233.22	1344.63	1717582.65	14364917.37	39°33'25.7999"N	80°43'34.4100"W	1364.70	80.160	5.51	2.84	-18.19	
6679.00	21.670	42.800	6497.19	-205.65	252.77	1367.97	1717605.98	14364936.91	39°33'25.9924"N	80°43'34.1113"W	1391.12	79.531	7.93	5.48	-17.76	
6774.00	24.070	32.410	6584.75	-185.25	282.01	1390.28	1717628.28	14364966.14	39°33'26.2807"N	80°43'33.8253"W	1418.59	78.534	4.94	2.53	-10.94	
6869.00	25.760	17.740	6670.99	-156.58	318.06	1406.97	1717644.97	14365002.18	39°33'26.6366"N	80°43'33.6108"W	1442.47	77.262	6.73	1.78	-15.44	
6875.00†	26.158	16.710	6676.39	-154.46	320.57	1407.75	1717645.74	14365004.68	39°33'26.6613"N	80°43'33.6007"W	1443.79	77.171	10.02	6.64	-17.16	Sycamore: 6875' MD
6963.00	32.670	4.510	6753.07	-116.85	362.91	1415.21	1717653.20	14365047.01	39°33'27.0796"N	80°43'33.5039"W	1461.00	75.617	10.02	7.40	-13.86	
7026.00†	34.071	1.269	6805.69	-84.69	397.51	1416.94	1717654.93	14365081.59	39°33'27.4214"N	80°43'33.4804"W	1471.64	74.329	3.60	2.22	-5.14	Middlesex: 7026' MD
7039.00	34.370	0.630	6816.44	-77.82	404.82	1417.06	1717655.05	14365088.90	39°33'27.4937"N	80°43'33.4786"W	1473.75	74.057	3.60	2.30	-4.92	
7081.00	35.940	0.290	6850.78	-55.01	429.00	1417.25	1717655.24	14365113.07	39°33'27.7327"N	80°43'33.4752"W	1480.76	73.159	3.77	3.74	-0.81	BH AT Curve <8-1/2"> (7039')(7081'-25026')
7126.00	38.480	1.120	6886.61	-29.39	456.21	1417.59	1717655.58	14365140.27	39°33'28.0016"N	80°43'33.4698"W	1489.19	72.161	5.75	5.64	1.84	
7149.00†	42.109	1.791	6904.15	-15.45	471.08	1417.97	1717655.96	14365155.13	39°33'28.1485"N	80°43'33.4644"W	1494.17	71.623	15.89	15.78	2.92	Burkett: 7149' MD
7191.00†	48.744	2.805	6933.61	12.41	500.95	1419.19	1717657.18	14365184.99	39°33'28.4437"N	80°43'33.4477"W	1505.01	70.558	15.89	15.80	2.41	Tully: 7191' MD
7220.00	53.330	3.390	6951.84	33.30	523.46	1420.41	1717658.40	14365207.49	39°33'28.6662"N	80°43'33.4312"W	1513.79	69.770	15.89	15.81	2.02	
7315.00	65.950	2.080	6999.76	109.32	605.18	1424.25	1717662.24	14365289.18	39°33'29.4736"N	80°43'33.3790"W	1547.49	66.979	13.34	13.28	-1.38	
7355.00†	70.225	1.192	7014.69	144.05	642.26	1425.31	1717663.29	14365326.25	39°33'29.8401"N	80°43'33.3641"W	1563.33	65.743	10.88	10.69	-2.22	Marcellus POE: 7355' MD
7363.00	71.080	1.020	7017.34	151.14	649.81	1425.45	1717663.44	14365333.79	39°33'29.9147"N	80°43'33.3619"W	1566.58	65.494	10.88	10.69	-2.15	
7410.00	77.660	0.040	7030.00	193.78	695.04	1425.86	1717663.85	14365379.01	39°33'30.3618"N	80°43'33.3549"W	1586.24	64.013	14.14	14.00	-2.09	
7504.00	89.380	0.490	7040.59	281.81	788.28	1426.30	1717664.29	14365472.21	39°33'31.2832"N	80°43'33.3457"W	1629.64	61.072	12.48	12.47	0.48	
7598.00	89.380	353.910	7041.60	372.04	882.11	1421.71	1717659.70	14365566.00	39°33'32.2107"N	80°43'33.4007"W	1673.13	58.182	7.00	0.00	-7.00	
7692.00	89.380	351.970	7042.62	464.01	975.39	1410.16	1717648.15	14365659.24	39°33'33.1329"N	80°43'33.5445"W	1714.62	55.329	2.06	0.00	-2.06	
7786.00	89.350	347.160	7043.66	556.93	1067.80	1393.14	1717631.14	14365751.62	39°33'34.0468"N	80°43'33.7582"W	1755.29	52.531	5.12	-0.03	-5.12	
7880.00	88.980	344.610	7045.03	650.58	1158.94	1370.22	1717608.23	14365842.72	39°33'34.9483"N	80°43'34.0473"W	1794.62	49.775	2.74	-0.39	-2.71	

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Actual Wellpath Report

Gauss Unit 2H AWP Proj: 25051'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Gauss Unit 2H
Field	Wetzel	API	47-103-03586-0000
Facility	Furbee Pad	Wellbore	Gauss Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (267 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
7974.00	89.050	343.190	7046.65	744.44	1249.24	1344.16	1717582.18	14365932.99	39°33'35.8415"N	80°43'34.3766"W	1835.04	47.096	1.51	0.07	-1.51	
8068.00	90.220	342.400	7047.25	838.40	1339.03	1316.35	1717554.38	14366022.74	39°33'36.7297"N	80°43'34.7281"W	1877.71	44.511	1.50	1.24	-0.84	
8167.00	89.720	342.440	7047.30	937.37	1433.41	1286.45	1717524.49	14366117.08	39°33'37.6634"N	80°43'35.1062"W	1926.04	41.907	0.51	-0.51	0.04	
8262.00	89.750	341.950	7047.74	1032.34	1523.85	1257.40	1717495.46	14366207.49	39°33'38.5582"N	80°43'35.4735"W	1975.65	39.528	0.52	0.03	-0.52	
8356.00	90.250	341.780	7047.74	1126.33	1613.19	1228.15	1717466.21	14366296.79	39°33'39.4419"N	80°43'35.8436"W	2027.49	37.283	0.56	0.53	-0.18	
8451.00	90.090	340.110	7047.46	1221.33	1702.98	1197.13	1717435.21	14366386.54	39°33'40.3303"N	80°43'36.2361"W	2081.65	35.106	1.77	-0.17	-1.76	
8545.00	90.950	340.420	7046.60	1315.32	1791.45	1165.39	1717403.48	14366474.98	39°33'41.2056"N	80°43'36.6379"W	2137.16	33.045	0.97	0.91	0.33	
8640.00	89.820	341.710	7045.97	1410.31	1881.30	1134.57	1717372.67	14366564.80	39°33'42.0946"N	80°43'37.0280"W	2196.94	31.093	1.81	-1.19	1.36	
8735.00	90.550	341.940	7045.66	1505.30	1971.56	1104.93	1717343.05	14366655.02	39°33'42.9875"N	80°43'37.4029"W	2260.08	29.268	0.81	0.77	0.24	
8829.00	90.060	339.730	7045.16	1599.29	2060.35	1074.08	1717312.20	14366743.77	39°33'43.8659"N	80°43'37.7934"W	2323.50	27.533	2.41	-0.52	-2.35	
8924.00	89.420	341.270	7045.59	1694.28	2149.89	1042.37	1717280.51	14366833.28	39°33'44.7519"N	80°43'38.1948"W	2389.26	25.866	1.76	-0.67	1.62	
9018.00	90.180	342.190	7045.92	1788.28	2239.15	1012.90	1717251.05	14366922.51	39°33'45.6349"N	80°43'38.5676"W	2457.59	24.340	1.27	0.81	0.98	
9113.00	89.660	341.430	7046.05	1883.27	2329.40	983.24	1717221.41	14367012.72	39°33'46.5278"N	80°43'38.9428"W	2528.42	22.885	0.97	-0.55	-0.80	
9301.00	89.910	337.240	7046.76	2071.14	2505.27	916.91	1717155.10	14367188.52	39°33'48.2679"N	80°43'39.7829"W	2667.79	20.102	2.23	0.13	-2.23	
9395.00	89.690	339.800	7047.08	2165.04	2592.73	882.50	1717120.70	14367275.95	39°33'49.1333"N	80°43'40.2190"W	2738.81	18.797	2.73	-0.23	2.72	
9489.00	90.150	342.540	7047.22	2259.03	2681.69	852.16	1717090.37	14367364.87	39°33'50.0134"N	80°43'40.6029"W	2813.83	17.629	2.96	0.49	2.91	
9677.00	89.820	342.100	7047.27	2446.98	2860.81	795.06	1717033.30	14367543.92	39°33'51.7854"N	80°43'41.3250"W	2969.24	15.531	0.29	-0.18	-0.23	
9771.00	90.150	342.830	7047.29	2540.95	2950.44	766.74	1717004.99	14367633.52	39°33'52.6721"N	80°43'41.6832"W	3048.44	14.567	0.85	0.35	0.78	
9865.00	90.520	342.980	7046.74	2634.90	3040.29	739.11	1716977.37	14367723.33	39°33'53.5609"N	80°43'42.0325"W	3128.84	13.664	0.42	0.39	0.16	
9960.00	90.740	342.540	7045.70	2729.85	3131.01	710.96	1716949.23	14367814.02	39°33'54.4584"N	80°43'42.3885"W	3210.72	12.793	0.52	0.23	-0.46	
10054.00	90.280	342.340	7044.86	2823.82	3220.63	682.60	1716920.88	14367903.60	39°33'55.3449"N	80°43'42.7472"W	3292.17	11.967	0.53	-0.49	-0.21	
10149.00	90.490	341.840	7044.22	2918.80	3311.02	653.39	1716891.68	14367993.95	39°33'56.2392"N	80°43'43.1167"W	3374.88	11.163	0.57	0.22	-0.53	
10244.00	90.710	340.290	7043.23	3013.79	3400.88	622.56	1716860.86	14368083.77	39°33'57.1281"N	80°43'43.5068"W	3457.39	10.374	1.65	0.23	-1.63	
10339.00	90.120	340.450	7042.54	3108.78	3490.35	590.65	1716828.96	14368173.21	39°33'58.0134"N	80°43'43.9109"W	3539.97	9.605	0.64	-0.62	0.17	
10433.00	89.570	338.950	7042.79	3202.75	3578.51	558.04	1716796.37	14368261.33	39°33'58.8857"N	80°43'44.3239"W	3621.76	8.863	1.70	-0.59	-1.60	
10528.00	89.630	340.630	7043.46	3297.73	3667.66	525.22	1716763.56	14368350.45	39°33'59.7677"N	80°43'44.7395"W	3705.07	8.150	1.77	0.06	1.77	
10622.00	89.780	340.110	7043.94	3391.72	3756.19	493.64	1716732.00	14368438.95	39°34'0.6436"N	80°43'45.1393"W	3788.49	7.487	0.58	0.16	-0.55	
10717.00	90.000	340.380	7044.12	3486.71	3845.60	461.53	1716699.90	14368528.32	39°34'1.5282"N	80°43'45.5459"W	3873.20	6.844	0.37	0.23	0.28	
10812.00	90.030	340.160	7044.10	3581.70	3935.02	429.46	1716667.84	14368617.71	39°34'2.4130"N	80°43'45.9520"W	3958.39	6.228	0.23	0.03	-0.23	
10906.00	90.000	341.110	7044.07	3675.70	4023.70	398.29	1716636.68	14368706.35	39°34'3.2903"N	80°43'46.3465"W	4043.37	5.653	1.01	-0.03	1.01	



Actual Wellpath Report

Gauss Unit 2H AWP Proj: 25051'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gauss Unit 2H
Field	Wetzel	API	47-103-03586-0000
Facility	Furbee Pad	Wellbore	Gauss Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (267 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
11096.00	90.180	341.010	7043.77	3865.70	4203.42	336.62	1716575.04	14368885.99	39°34'5.0683"N	80°43'47.1271"W	4216.87	4.579	0.11	0.09	-0.05	
11190.00	90.060	340.870	7043.58	3959.70	4292.26	305.93	1716544.35	14368974.81	39°34'5.9473"N	80°43'47.5157"W	4303.15	4.077	0.20	-0.13	-0.15	
11285.00	89.820	340.930	7043.68	4054.70	4382.03	274.84	1716513.28	14369064.54	39°34'6.8355"N	80°43'47.9092"W	4390.64	3.589	0.26	-0.25	0.06	
11474.00	89.940	340.970	7044.07	4243.70	4560.68	213.15	1716451.62	14369243.12	39°34'8.6029"N	80°43'48.6900"W	4565.66	2.676	0.07	0.06	0.02	
11569.00	90.370	341.390	7043.82	4338.69	4650.60	182.51	1716420.98	14369333.00	39°34'9.4925"N	80°43'49.0779"W	4654.18	2.247	0.63	0.45	0.44	
11664.00	90.280	340.780	7043.28	4433.69	4740.47	151.71	1716390.20	14369422.84	39°34'10.3816"N	80°43'49.4677"W	4742.90	1.833	0.65	-0.09	-0.64	
11758.00	90.400	340.890	7042.72	4527.69	4829.26	120.85	1716359.35	14369511.59	39°34'11.2600"N	80°43'49.8584"W	4830.77	1.434	0.17	0.13	0.12	
11853.00	90.030	341.070	7042.36	4622.69	4919.07	89.89	1716328.41	14369601.37	39°34'12.1486"N	80°43'50.2503"W	4919.89	1.047	0.43	-0.39	0.19	
11948.00	89.820	340.560	7042.49	4717.69	5008.79	58.67	1716297.20	14369691.05	39°34'13.0363"N	80°43'50.6455"W	5009.14	0.671	0.58	-0.22	-0.54	
12042.00	90.180	340.830	7042.49	4811.69	5097.51	27.60	1716266.14	14369779.73	39°34'13.9140"N	80°43'51.0389"W	5097.58	0.310	0.48	0.38	0.29	
12137.00	90.000	340.940	7042.34	4906.69	5187.27	-3.51	1716235.04	14369869.46	39°34'14.8020"N	80°43'51.4328"W	5187.27	359.961	0.22	-0.19	0.12	
12232.00	90.860	341.180	7041.62	5001.68	5277.12	-34.35	1716204.22	14369959.28	39°34'15.6910"N	80°43'51.8231"W	5277.24	359.627	0.94	0.91	0.25	
12326.00	90.250	341.090	7040.71	5095.68	5366.07	-64.74	1716173.84	14370048.19	39°34'16.5709"N	80°43'52.2078"W	5366.46	359.309	0.66	-0.65	-0.10	
12420.00	90.520	340.630	7040.08	5189.67	5454.87	-95.56	1716143.03	14370136.95	39°34'17.4495"N	80°43'52.5979"W	5455.71	358.996	0.57	0.29	-0.49	
12514.00	90.490	340.820	7039.25	5283.67	5543.60	-126.59	1716112.01	14370225.65	39°34'18.3273"N	80°43'52.9908"W	5545.04	358.692	0.20	-0.03	0.20	
12609.00	90.550	340.560	7038.39	5378.66	5633.25	-158.00	1716080.61	14370315.26	39°34'19.2143"N	80°43'53.3885"W	5635.47	358.393	0.28	0.06	-0.27	
12703.00	90.490	340.780	7037.54	5472.66	5721.95	-189.11	1716049.51	14370403.93	39°34'20.0918"N	80°43'53.7824"W	5725.07	358.107	0.24	-0.06	0.23	
12797.00	89.660	340.460	7037.42	5566.65	5810.62	-220.30	1716018.33	14370492.56	39°34'20.9691"N	80°43'54.1774"W	5814.80	357.829	0.95	-0.88	-0.34	
12892.00	89.850	340.590	7037.82	5661.65	5900.18	-251.98	1715986.67	14370582.09	39°34'21.8552"N	80°43'54.5784"W	5905.56	357.555	0.24	0.20	0.14	
12986.00	90.030	341.130	7037.92	5755.65	5988.99	-282.80	1715955.86	14370670.86	39°34'22.7338"N	80°43'54.9686"W	5995.66	357.297	0.61	0.19	0.57	
13081.00	89.750	340.010	7038.10	5850.64	6078.58	-314.40	1715924.28	14370760.41	39°34'23.6201"N	80°43'55.3688"W	6086.70	357.039	1.22	-0.29	-1.18	
13175.00	90.340	340.610	7038.03	5944.64	6167.08	-346.07	1715892.62	14370848.88	39°34'24.4958"N	80°43'55.7698"W	6176.78	356.788	0.90	0.63	0.64	
13270.00	89.940	340.440	7037.80	6039.63	6256.64	-377.74	1715860.96	14370938.41	39°34'25.3819"N	80°43'56.1709"W	6268.04	356.545	0.46	-0.42	-0.18	
13364.00	89.910	340.870	7037.92	6133.63	6345.34	-408.88	1715829.83	14371027.07	39°34'26.2594"N	80°43'56.5652"W	6358.50	356.313	0.46	-0.03	0.46	
13459.00	89.780	340.790	7038.18	6228.63	6435.07	-440.08	1715798.65	14371116.76	39°34'27.1471"N	80°43'56.9601"W	6450.10	356.088	0.16	-0.14	-0.08	
13554.00	90.180	340.490	7038.21	6323.63	6524.70	-471.57	1715767.17	14371206.36	39°34'28.0338"N	80°43'57.3589"W	6541.71	355.866	0.53	0.42	-0.32	
13648.00	90.090	340.840	7037.99	6417.62	6613.39	-502.69	1715736.06	14371295.02	39°34'28.9114"N	80°43'57.7530"W	6632.47	355.653	0.38	-0.10	0.37	
13743.00	90.280	340.490	7037.68	6512.62	6703.03	-534.14	1715704.62	14371384.62	39°34'29.7982"N	80°43'58.1512"W	6724.28	355.444	0.42	0.20	-0.37	
13837.00	90.180	340.420	7037.30	6606.62	6791.62	-565.59	1715673.18	14371473.17	39°34'30.6746"N	80°43'58.5495"W	6815.13	355.240	0.13	-0.11	-0.07	
13932.00	90.180	340.760	7037.01	6701.61	6881.22	-597.16	1715641.62	14371562.74	39°34'31.5611"N	80°43'58.9493"W	6907.08	355.040	0.36	0.00	0.36	

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Actual Wellpath Report

Gauss Unit 2H AWP Proj: 25051'
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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Gauss Unit 2H
Field	Wetzel		API	47-103-03586-0000
Facility	Furbee Pad		Wellbore	Gauss Unit 2H AWB
Slot	Slot J			

WELLPATH DATA (267 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
14027.00	89.780	340.020	7037.04	6796.61	6970.71	-629.05	1715609.75	14371652.19	39°34'32.4465"N	80°43'59.3530"W	6999.03	354.844	0.89	-0.42	-0.78	
14122.00	90.220	340.480	7037.04	6891.60	7060.12	-661.15	1715577.66	14371741.57	39°34'33.3311"N	80°43'59.7596"W	7091.01	354.650	0.67	0.46	0.48	
14217.00	90.340	341.200	7036.57	6986.59	7149.85	-692.33	1715546.50	14371831.27	39°34'34.2189"N	80°44'0.1544"W	7183.29	354.469	0.77	0.13	0.76	
14312.00	90.460	340.960	7035.91	7081.59	7239.72	-723.13	1715515.71	14371921.10	39°34'35.1079"N	80°44'0.5444"W	7275.74	354.296	0.28	0.13	-0.25	
14406.00	89.910	340.520	7035.61	7175.59	7328.46	-754.14	1715484.71	14372009.80	39°34'35.9859"N	80°44'0.9370"W	7367.16	354.125	0.75	-0.59	-0.47	
14501.00	90.620	340.720	7035.17	7270.59	7418.07	-785.66	1715453.20	14372099.38	39°34'36.8725"N	80°44'1.3362"W	7459.56	353.954	0.78	0.75	0.21	
14595.00	90.280	340.380	7034.43	7364.58	7506.70	-816.96	1715421.91	14372187.98	39°34'37.7494"N	80°44'1.7325"W	7551.03	353.789	0.51	-0.36	-0.36	
14690.00	90.550	340.290	7033.74	7459.57	7596.16	-848.93	1715389.96	14372277.40	39°34'38.6344"N	80°44'2.1374"W	7643.45	353.623	0.30	0.28	-0.09	
14784.00	90.520	340.500	7032.86	7553.56	7684.71	-880.47	1715358.43	14372365.91	39°34'39.5105"N	80°44'2.5368"W	7734.98	353.464	0.23	-0.03	0.22	
14878.00	90.580	340.630	7031.96	7647.55	7773.35	-911.74	1715327.17	14372454.51	39°34'40.3874"N	80°44'2.9329"W	7826.63	353.310	0.15	0.06	0.14	
14972.00	90.620	340.690	7030.98	7741.54	7862.04	-942.87	1715296.05	14372543.17	39°34'41.2649"N	80°44'3.3271"W	7918.37	353.161	0.08	0.04	0.06	
15067.00	90.770	340.870	7029.83	7836.54	7951.74	-974.14	1715264.79	14372632.83	39°34'42.1523"N	80°44'3.7231"W	8011.18	353.016	0.25	0.16	0.19	
15161.00	90.580	340.910	7028.72	7930.53	8040.55	-1004.91	1715234.03	14372721.61	39°34'43.0309"N	80°44'4.1127"W	8103.10	352.876	0.21	-0.20	0.04	
15256.00	90.550	340.660	7027.78	8025.52	8130.25	-1036.18	1715202.78	14372811.28	39°34'43.9184"N	80°44'4.5086"W	8196.02	352.737	0.27	-0.03	-0.26	
15350.00	90.460	340.850	7026.95	8119.52	8219.00	-1067.16	1715171.81	14372899.99	39°34'44.7964"N	80°44'4.9010"W	8287.99	352.602	0.22	-0.10	0.20	
15445.00	90.580	340.860	7026.09	8214.51	8308.74	-1098.31	1715140.67	14372989.69	39°34'45.6842"N	80°44'5.2955"W	8381.02	352.470	0.13	0.13	0.01	
15539.00	90.520	340.920	7025.19	8308.51	8397.55	-1129.09	1715109.91	14373078.47	39°34'46.5629"N	80°44'5.6851"W	8473.12	352.342	0.09	-0.06	0.06	
15633.00	90.490	340.990	7024.36	8402.51	8486.41	-1159.76	1715079.25	14373167.29	39°34'47.4419"N	80°44'6.0735"W	8565.29	352.218	0.08	-0.03	0.07	
15728.00	90.400	340.860	7023.62	8497.50	8576.19	-1190.80	1715048.22	14373257.04	39°34'48.3302"N	80°44'6.4666"W	8658.46	352.095	0.17	-0.09	-0.14	
15822.00	90.430	340.680	7022.94	8591.50	8664.94	-1221.76	1715017.27	14373345.75	39°34'49.2082"N	80°44'6.8587"W	8750.65	351.974	0.19	0.03	-0.19	
15917.00	90.770	340.690	7021.95	8686.49	8754.59	-1253.18	1714985.86	14373435.37	39°34'50.0951"N	80°44'7.2566"W	8843.83	351.854	0.36	0.36	0.01	
16010.00	90.740	341.040	7020.72	8779.48	8842.44	-1283.67	1714955.39	14373523.19	39°34'50.9643"N	80°44'7.6426"W	8935.13	351.740	0.38	-0.03	0.38	
16105.00	90.580	340.610	7019.63	8874.48	8932.16	-1314.87	1714924.20	14373612.87	39°34'51.8520"N	80°44'8.0377"W	9028.42	351.626	0.48	-0.17	-0.45	
16200.00	90.550	340.560	7018.69	8969.47	9021.76	-1346.44	1714892.64	14373702.43	39°34'52.7383"N	80°44'8.4376"W	9121.68	351.512	0.06	-0.03	-0.05	
16294.00	90.520	340.710	7017.81	9063.46	9110.44	-1377.61	1714861.48	14373791.07	39°34'53.6157"N	80°44'8.8324"W	9214.00	351.401	0.16	-0.03	0.16	
16388.00	90.620	340.490	7016.88	9157.46	9199.09	-1408.83	1714830.27	14373879.70	39°34'54.4928"N	80°44'9.2278"W	9306.35	351.293	0.26	0.11	-0.23	
16483.00	90.550	340.580	7015.91	9252.45	9288.66	-1440.49	1714798.63	14373969.23	39°34'55.3789"N	80°44'9.6287"W	9399.69	351.185	0.12	-0.07	0.09	
16577.00	90.580	340.900	7014.98	9346.44	9377.40	-1471.49	1714767.64	14374057.93	39°34'56.2568"N	80°44'10.0214"W	9492.15	351.082	0.34	0.03	0.34	
16671.00	90.650	340.510	7013.97	9440.43	9466.11	-1502.55	1714736.59	14374146.61	39°34'57.1345"N	80°44'10.4147"W	9584.62	350.981	0.42	0.07	-0.41	
16766.00	90.620	340.610	7012.92	9535.43	9555.69	-1534.17	1714704.99	14374236.15	39°34'58.0207"N	80°44'10.8152"W	9678.06	350.879	0.11	-0.03	0.11	



Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Gauss Unit 2H
Field	Wetzel	API	47-103-03586-0000
Facility	Furbee Pad	Wellbore	Gauss Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (267 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
16860.00	90.460	340.240	7012.03	9629.42	9644.25	-1565.66	1714673.51	14374324.68	39°34'58.8969"N	80°44'11.2141"W	9770.51	350.779	0.43	-0.17	-0.39	
16955.00	90.490	340.760	7011.24	9724.41	9733.80	-1597.37	1714641.81	14374414.19	39°34'59.7828"N	80°44'11.6157"W	9864.00	350.681	0.55	0.03	0.55	
17050.00	90.490	340.760	7010.43	9819.40	9823.49	-1628.68	1714610.52	14374503.85	39°35'0.6702"N	80°44'12.0122"W	9957.59	350.586	0.00	0.00	0.00	
17144.00	90.340	340.610	7009.75	9913.40	9912.20	-1659.77	1714579.44	14374592.52	39°35'1.5478"N	80°44'12.4059"W	10050.20	350.494	0.23	-0.16	-0.16	
17239.00	90.460	340.540	7009.09	10008.39	10001.79	-1691.36	1714547.86	14374682.07	39°35'2.4341"N	80°44'12.8061"W	10143.79	350.402	0.15	0.13	-0.07	
17333.00	90.550	340.380	7008.26	10102.39	10090.37	-1722.80	1714516.43	14374770.62	39°35'3.3105"N	80°44'13.2043"W	10236.39	350.311	0.20	0.10	-0.17	
17428.00	90.460	340.790	7007.42	10197.38	10179.96	-1754.38	1714484.87	14374860.18	39°35'4.1969"N	80°44'13.6043"W	10330.03	350.222	0.44	-0.09	0.43	
17522.00	90.280	340.590	7006.82	10291.38	10268.67	-1785.46	1714453.80	14374948.85	39°35'5.0745"N	80°44'13.9980"W	10422.74	350.136	0.29	-0.19	-0.21	
17617.00	90.310	340.660	7006.33	10386.37	10358.29	-1816.97	1714422.29	14375038.44	39°35'5.9612"N	80°44'14.3972"W	10516.45	350.051	0.08	0.03	0.07	
17711.00	90.060	340.170	7006.02	10480.37	10446.85	-1848.48	1714390.80	14375126.96	39°35'6.8373"N	80°44'14.7963"W	10609.13	349.966	0.59	-0.27	-0.52	
17806.00	90.220	340.760	7005.79	10575.36	10536.38	-1880.25	1714359.04	14375216.46	39°35'7.7231"N	80°44'15.1987"W	10702.84	349.882	0.64	0.17	0.62	
17900.00	90.310	340.350	7005.36	10669.36	10625.02	-1911.54	1714327.76	14375305.06	39°35'8.6000"N	80°44'15.5951"W	10795.60	349.801	0.45	0.10	-0.44	
17995.00	90.220	340.800	7004.92	10764.35	10714.61	-1943.14	1714296.18	14375394.62	39°35'9.4864"N	80°44'15.9953"W	10889.38	349.721	0.48	-0.09	0.47	
18089.00	90.520	340.730	7004.31	10858.35	10803.36	-1974.10	1714265.23	14375483.33	39°35'10.3644"N	80°44'16.3875"W	10982.25	349.645	0.33	0.32	-0.07	
18183.00	90.520	340.540	7003.46	10952.34	10892.04	-2005.27	1714234.07	14375571.97	39°35'11.2417"N	80°44'16.7823"W	11075.09	349.568	0.20	0.00	-0.20	
18278.00	90.550	340.770	7002.57	11047.34	10981.67	-2036.74	1714202.62	14375661.57	39°35'12.1285"N	80°44'17.1809"W	11168.95	349.493	0.24	0.03	0.24	
18372.00	90.370	340.510	7001.81	11141.33	11070.36	-2067.90	1714171.47	14375750.22	39°35'13.0058"N	80°44'17.5756"W	11261.84	349.419	0.34	-0.19	-0.28	
18467.00	90.460	340.550	7001.13	11236.32	11159.92	-2099.56	1714139.82	14375839.75	39°35'13.8919"N	80°44'17.9767"W	11355.70	349.345	0.10	0.09	0.04	
18561.00	90.370	340.320	7000.45	11330.32	11248.49	-2131.04	1714108.35	14375928.28	39°35'14.7682"N	80°44'18.3754"W	11448.58	349.272	0.26	-0.10	-0.24	
18655.00	90.490	340.430	6999.74	11424.31	11337.03	-2162.61	1714076.79	14376016.79	39°35'15.6441"N	80°44'18.7754"W	11541.45	349.200	0.17	0.13	0.12	
18750.00	90.400	340.270	6999.00	11519.30	11426.49	-2194.56	1714044.86	14376106.21	39°35'16.5293"N	80°44'19.1801"W	11635.33	349.128	0.19	-0.09	-0.17	
18844.00	90.460	340.620	6998.30	11613.29	11515.07	-2226.02	1714013.41	14376194.76	39°35'17.4056"N	80°44'19.5787"W	11728.25	349.059	0.38	0.06	0.37	
18939.00	90.400	340.380	6997.58	11708.28	11604.62	-2257.73	1713981.71	14376284.27	39°35'18.2915"N	80°44'19.9804"W	11822.20	348.990	0.26	-0.06	-0.25	
19034.00	90.430	341.860	6996.90	11803.28	11694.50	-2288.47	1713950.99	14376374.12	39°35'19.1807"N	80°44'20.3697"W	11916.31	348.928	1.56	0.03	1.56	
19128.00	90.490	341.250	6996.14	11897.27	11783.67	-2318.21	1713921.26	14376463.25	39°35'20.0628"N	80°44'20.7462"W	12009.53	348.870	0.65	0.06	-0.65	
19223.00	90.550	341.620	6995.28	11992.26	11873.72	-2348.45	1713891.03	14376553.27	39°35'20.9537"N	80°44'21.1292"W	12103.74	348.812	0.39	0.06	0.39	
19317.00	90.550	341.670	6994.38	12086.25	11962.93	-2378.05	1713861.44	14376642.44	39°35'21.8363"N	80°44'21.5040"W	12197.01	348.757	0.05	0.00	0.05	
19412.00	90.620	341.490	6993.41	12181.25	12053.06	-2408.07	1713831.43	14376732.54	39°35'22.7279"N	80°44'21.8840"W	12291.26	348.702	0.20	0.07	-0.19	
19506.00	90.490	341.630	6992.50	12275.24	12142.23	-2437.80	1713801.71	14376821.67	39°35'23.6100"N	80°44'22.2605"W	12384.53	348.648	0.20	-0.14	0.15	
19601.00	89.910	341.430	6992.16	12370.23	12232.34	-2467.90	1713771.63	14376911.74	39°35'24.5014"N	80°44'22.6416"W	12478.81	348.594	0.65	-0.61	-0.21	

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gauss Unit 2H
Field	Wetzel	API	47-103-03586-0000
Facility	Furbee Pad	Wellbore	Gauss Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (267 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
19696.00	89.970	341.420	6992.26	12465.23	12322.39	-2498.16	1713741.38	14377001.76	39°35'25.3923"N	80°44'23.0248"W	12573.07	348.540	0.06	0.06	-0.01	
19790.00	90.030	341.830	6992.26	12559.22	12411.60	-2527.79	1713711.76	14377090.93	39°35'26.2747"N	80°44'23.4000"W	12666.39	348.488	0.44	0.06	0.44	
19980.00	89.970	341.540	6992.26	12749.21	12591.97	-2587.50	1713652.08	14377271.23	39°35'28.0591"N	80°44'24.1560"W	12855.07	348.388	0.16	-0.03	-0.15	
20074.00	90.000	341.690	6992.29	12843.21	12681.17	-2617.14	1713622.44	14377360.40	39°35'28.9416"N	80°44'24.5314"W	12948.42	348.339	0.16	0.03	0.16	
20169.00	89.910	341.330	6992.36	12938.20	12771.27	-2647.27	1713592.33	14377450.46	39°35'29.8329"N	80°44'24.9129"W	13042.75	348.289	0.39	-0.09	-0.38	
20264.00	90.060	341.570	6992.39	13033.20	12861.33	-2677.49	1713562.11	14377540.49	39°35'30.7239"N	80°44'25.2956"W	13137.08	348.240	0.30	0.16	0.25	
20358.00	89.850	341.560	6992.46	13127.20	12950.51	-2707.22	1713532.40	14377629.63	39°35'31.6060"N	80°44'25.6721"W	13230.45	348.193	0.22	-0.22	-0.01	
20453.00	90.120	341.710	6992.49	13222.19	13040.67	-2737.15	1713502.48	14377719.75	39°35'32.4980"N	80°44'26.0511"W	13324.83	348.146	0.33	0.28	0.16	
20547.00	90.090	341.580	6992.31	13316.19	13129.89	-2766.75	1713472.89	14377808.94	39°35'33.3806"N	80°44'26.4259"W	13418.23	348.101	0.14	-0.03	-0.14	
20642.00	89.970	341.800	6992.26	13411.18	13220.08	-2796.60	1713443.06	14377899.09	39°35'34.2728"N	80°44'26.8038"W	13512.64	348.056	0.26	-0.13	0.23	
20737.00	89.940	341.580	6992.34	13506.17	13310.27	-2826.44	1713413.23	14377989.25	39°35'35.1650"N	80°44'27.1817"W	13607.06	348.011	0.23	-0.03	-0.23	
20831.00	89.940	341.560	6992.44	13600.17	13399.45	-2856.16	1713383.52	14378078.39	39°35'36.0472"N	80°44'27.5580"W	13700.47	347.967	0.02	0.00	-0.02	
20926.00	90.030	341.780	6992.46	13695.16	13489.63	-2886.04	1713353.66	14378168.53	39°35'36.9393"N	80°44'27.9364"W	13794.90	347.924	0.25	0.09	0.23	
21021.00	90.250	341.440	6992.23	13790.16	13579.77	-2916.01	1713323.70	14378258.64	39°35'37.8311"N	80°44'28.3159"W	13889.33	347.881	0.43	0.23	-0.36	
21115.00	90.090	341.740	6991.95	13884.15	13668.96	-2945.69	1713294.02	14378347.80	39°35'38.7134"N	80°44'28.6918"W	13982.76	347.839	0.36	-0.17	0.32	
21210.00	90.180	341.460	6991.73	13979.15	13759.11	-2975.68	1713264.05	14378437.91	39°35'39.6052"N	80°44'29.0715"W	14077.20	347.797	0.31	0.09	-0.29	
21304.00	90.400	341.930	6991.25	14073.14	13848.35	-3005.20	1713234.54	14378527.11	39°35'40.4880"N	80°44'29.4454"W	14170.67	347.756	0.55	0.23	0.50	
21398.00	90.550	341.970	6990.47	14167.12	13937.72	-3034.33	1713205.42	14378616.45	39°35'41.3721"N	80°44'29.8141"W	14264.19	347.718	0.17	0.16	0.04	
21493.00	90.120	341.570	6989.92	14262.11	14027.95	-3064.05	1713175.72	14378706.64	39°35'42.2647"N	80°44'30.1905"W	14358.68	347.679	0.62	-0.45	-0.42	
21587.00	90.280	341.430	6989.59	14356.11	14117.09	-3093.87	1713145.90	14378795.75	39°35'43.1466"N	80°44'30.5682"W	14452.14	347.639	0.23	0.17	-0.15	
21682.00	90.250	341.520	6989.15	14451.11	14207.17	-3124.05	1713115.73	14378885.79	39°35'44.0377"N	80°44'30.9505"W	14546.59	347.598	0.10	-0.03	0.09	
21777.00	90.580	342.050	6988.46	14546.10	14297.40	-3153.75	1713086.05	14378975.99	39°35'44.9303"N	80°44'31.3265"W	14641.10	347.561	0.66	0.35	0.56	
21871.00	90.310	341.710	6987.73	14640.08	14386.74	-3182.98	1713056.83	14379065.29	39°35'45.8141"N	80°44'31.6966"W	14734.64	347.525	0.46	-0.29	-0.36	
21965.00	90.460	341.710	6987.10	14734.07	14475.99	-3212.48	1713027.34	14379154.50	39°35'46.6970"N	80°44'32.0702"W	14828.16	347.488	0.16	0.16	0.00	
22060.00	90.000	341.330	6986.72	14829.07	14566.09	-3242.59	1712997.24	14379244.57	39°35'47.5883"N	80°44'32.4516"W	14922.65	347.450	0.63	-0.48	-0.40	
22154.00	89.970	341.420	6986.74	14923.07	14655.17	-3272.62	1712967.23	14379333.61	39°35'48.4695"N	80°44'32.8318"W	15016.12	347.412	0.10	-0.03	0.10	
22248.00	90.030	341.360	6986.74	15017.06	14744.25	-3302.61	1712937.24	14379422.66	39°35'49.3508"N	80°44'33.2117"W	15109.61	347.375	0.09	0.06	-0.06	
22343.00	90.090	341.740	6986.64	15112.06	14834.37	-3332.68	1712907.19	14379512.74	39°35'50.2423"N	80°44'33.5925"W	15204.12	347.338	0.40	0.06	0.40	
22437.00	90.000	341.500	6986.57	15206.06	14923.57	-3362.32	1712877.56	14379601.91	39°35'51.1248"N	80°44'33.9679"W	15297.65	347.303	0.27	-0.10	-0.26	
22531.00	90.030	341.700	6986.55	15300.05	15012.77	-3391.99	1712847.90	14379691.07	39°35'52.0071"N	80°44'34.3437"W	15391.19	347.268	0.22	0.03	0.21	



Actual Wellpath Report

Gauss Unit 2H AWP Proj: 25051'
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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Gauss Unit 2H
Field	Wetzel		API	47-103-03586-0000
Facility	Furbee Pad		Wellbore	Gauss Unit 2H AWP
Slot	Slot J			

WELLPATH DATA (267 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
22626.00	90.030	341.510	6986.50	15395.05	15102.91	-3421.97	1712817.94	14379781.18	39°35'52.8989"N	80°44'34.7233"W	15485.73	347.234	0.20	0.00	-0.20	
22721.00	90.060	341.360	6986.42	15490.04	15192.97	-3452.21	1712787.70	14379871.20	39°35'53.7898"N	80°44'35.1064"W	15580.25	347.198	0.16	0.03	-0.16	
22815.00	89.940	341.470	6986.42	15584.04	15282.07	-3482.17	1712757.75	14379960.26	39°35'54.6712"N	80°44'35.4859"W	15673.77	347.164	0.17	-0.13	0.12	
22910.00	90.120	341.600	6986.37	15679.04	15372.18	-3512.26	1712727.68	14380050.34	39°35'55.5626"N	80°44'35.8670"W	15768.32	347.130	0.23	0.19	0.14	
23004.00	90.030	341.640	6986.25	15773.03	15461.38	-3541.90	1712698.05	14380139.51	39°35'56.4451"N	80°44'36.2424"W	15861.88	347.097	0.10	-0.10	0.04	
23099.00	89.940	341.150	6986.27	15868.03	15551.42	-3572.21	1712667.75	14380229.51	39°35'57.3358"N	80°44'36.6263"W	15956.42	347.063	0.52	-0.09	-0.52	
23194.00	90.000	341.490	6986.32	15963.03	15641.41	-3602.64	1712637.34	14380319.47	39°35'58.2261"N	80°44'37.0117"W	16050.94	347.029	0.36	0.06	0.36	
23289.00	90.060	341.310	6986.27	16058.03	15731.45	-3632.94	1712607.05	14380409.47	39°35'59.1168"N	80°44'37.3955"W	16145.49	346.996	0.20	0.06	-0.19	
23383.00	90.060	341.590	6986.17	16152.02	15820.57	-3662.84	1712577.16	14380498.55	39°35'59.9984"N	80°44'37.7743"W	16239.05	346.964	0.30	0.00	0.30	
23478.00	90.000	341.530	6986.12	16247.02	15910.69	-3692.89	1712547.12	14380588.64	39°36'0.8899"N	80°44'38.1549"W	16333.63	346.933	0.09	-0.06	-0.06	
23667.00	89.910	341.650	6986.27	16436.01	16090.01	-3752.58	1712487.45	14380767.89	39°36'2.6639"N	80°44'38.9109"W	16521.82	346.872	0.08	-0.05	0.06	
23760.00	89.910	341.650	6986.42	16529.01	16178.29	-3781.86	1712458.19	14380856.13	39°36'3.5371"N	80°44'39.2818"W	16614.43	346.843	0.00	0.00	0.00	
23855.00	89.970	341.410	6986.52	16624.00	16268.39	-3811.96	1712428.10	14380946.20	39°36'4.4285"N	80°44'39.6630"W	16709.03	346.813	0.26	0.06	-0.25	
23949.00	90.060	341.610	6986.49	16718.00	16357.54	-3841.77	1712398.30	14381035.31	39°36'5.3104"N	80°44'40.0406"W	16802.63	346.783	0.23	0.10	0.21	
24044.00	89.940	341.430	6986.49	16813.00	16447.64	-3871.88	1712368.20	14381125.38	39°36'6.2017"N	80°44'40.4220"W	16897.23	346.753	0.23	-0.13	-0.19	
24139.00	90.030	341.610	6986.52	16907.99	16537.74	-3901.99	1712338.10	14381215.44	39°36'7.0930"N	80°44'40.8034"W	16991.83	346.724	0.21	0.09	0.19	
24233.00	90.030	341.790	6986.47	17001.99	16626.99	-3931.51	1712308.60	14381304.65	39°36'7.9759"N	80°44'41.1773"W	17085.48	346.697	0.19	0.00	0.19	
24328.00	90.280	341.690	6986.21	17096.98	16717.20	-3961.27	1712278.84	14381394.83	39°36'8.8684"N	80°44'41.5543"W	17180.12	346.669	0.28	0.26	-0.11	
24422.00	90.250	341.360	6985.78	17190.97	16806.36	-3991.06	1712249.07	14381483.95	39°36'9.7503"N	80°44'41.9316"W	17273.74	346.641	0.35	-0.03	-0.35	
24517.00	90.150	341.640	6985.45	17285.97	16896.45	-4021.20	1712218.94	14381574.01	39°36'10.6415"N	80°44'42.3134"W	17368.36	346.613	0.31	-0.11	0.29	
24611.00	90.250	341.820	6985.12	17379.96	16985.71	-4050.67	1712189.48	14381663.23	39°36'11.5245"N	80°44'42.6867"W	17462.02	346.587	0.22	0.11	0.19	
24706.00	90.120	341.690	6984.81	17474.95	17075.93	-4080.42	1712159.75	14381753.42	39°36'12.4171"N	80°44'43.0634"W	17556.69	346.561	0.19	-0.14	-0.14	
24800.00	90.280	341.650	6984.48	17568.95	17165.16	-4109.98	1712130.20	14381842.61	39°36'13.2998"N	80°44'43.4378"W	17650.35	346.535	0.18	0.17	-0.04	
24895.00	90.180	341.670	6984.10	17663.94	17255.34	-4139.87	1712100.32	14381932.75	39°36'14.1918"N	80°44'43.8164"W	17745.00	346.509	0.11	-0.11	0.02	
24989.00	90.220	341.480	6983.77	17757.94	17344.52	-4169.58	1712070.62	14382021.90	39°36'15.0740"N	80°44'44.1928"W	17838.66	346.483	0.21	0.04	-0.20	
25026.00	90.250	341.510	6983.62	17794.93	17379.60	-4181.32	1712058.88	14382056.97	39°36'15.4211"N	80°44'44.3415"W	17875.52	346.472	0.11	0.08	0.08	
25051.00†	90.250	341.510	6983.51	17819.93	17403.31	-4189.25	1712050.96	14382080.67	39°36'15.6557"N	80°44'44.4420"W	17900.42	346.465	0.00	0.00	0.00	Projected MD at TD: 25051'

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Actual Wellpath Report

Gauss Unit 2H AWP Proj: 25051'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Gauss Unit 2H
Field	Wetzel	API	47-103-03586-0000
Facility	Furbee Pad	Wellbore	Gauss Unit 2H AWB
Slot	Slot J		

HOLE & CASING SECTIONS - Ref Wellbore: Gauss Unit 2H AWB Ref Wellpath: Gauss Unit 2H AWP Proj: 25051'									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
20in Conductor	25.50	125.50	100.00	25.50	125.50	0.00	0.00	0.03	-0.20
17.5in Open Hole	125.50	702.00	576.50	125.50	702.00	0.03	-0.20	-0.79	0.79
13.375in Casing Surface	25.50	682.00	656.50	25.50	682.00	0.00	0.00	-0.72	0.64
12.25in Open Hole	702.00	3495.00	2793.00	702.00	3423.55	-0.79	0.79	91.90	562.78
9.625in Casing Intermediate	25.50	3465.00	3439.50	25.50	3394.33	0.00	0.00	89.90	556.30
8.75in Open Hole	3495.00	7104.00	3609.00	3423.55	6869.24	91.90	562.78	442.71	1417.37
8.5in Open Hole	7104.00	25051.00	17947.00	6869.24	6983.51	442.71	1417.37	17403.31	-4189.25
5.5in Casing Production	25.50	25031.00	25005.50	25.50	6983.60	0.00	0.00	17384.35	-4182.91



Actual Wellpath Report

Gauss Unit 2H AWP Proj: 25051'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Gauss Unit 2H
Field	Wetzel	API	47-103-03586-0000
Facility	Furbee Pad	Wellbore	Gauss Unit 2H AWB
Slot	Slot J		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Gauss Unit 2H POE Rev-3	7028.00	768.22	1413.05	1717651.04	14365452.16	39°33'31.0854"N	80°43'33.5157"W	point
Gauss Unit 2H AZI Rev-3	7056.00	1345.99	1299.50	1717537.54	14366029.70	39°33'36.7990"N	80°43'34.9430"W	point
Gauss Unit 2H BHL Rev-3	7056.00	17381.13	-4213.68	1712026.54	14382058.50	39°36'15.4371"N	80°44'44.7548"W	point
Gauss Unit 2H LP Rev-3	7056.00	964.95	1388.14	1717626.14	14365648.81	39°33'33.0305"N	80°43'33.8261"W	point
Gauss Unit 2H 50' L/R Hard Line	7500.00	9363.56	-1457.09	1714782.04	14374044.10	39°34'56.1197"N	80°44'9.8379"W	rectangle

2D Rectangle 16956.4 x 100.

WELLPATH COMPOSITION - Ref Wellbore: Gauss Unit 2H AWB Ref Wellpath: Gauss Unit 2H AWP Proj: 25051'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
25.50	741.00	Gyrodata 2015 - GC+VMR+DPIPE	01 Gyrodata MS Gyro <17-1/2"> (100'-741')	Gauss Unit 2H AWB	9/30/2023
741.00	3420.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (741')(858'-3420')	Gauss Unit 2H AWB	9/30/2023
3420.00	7039.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (3420')(3556'-7039')	Gauss Unit 2H AWB	10/31/2023
7039.00	25051.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (7039')(7081'-25026')	Gauss Unit 2H AWB	10/31/2023

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Actual Wellpath Report

Gauss Unit 2H AWP Proj: 25051'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Gauss Unit 2H
Field	Wetzel	API	47-103-03586-0000
Facility	Furbee Pad	Wellbore	Gauss Unit 2H AWB
Slot	Slot J		

COMMENTS

Wellpath general comments

API: 47-103-03586-0000

BH Job #: 111949152

Rig: H&P 317

Duration: 11/1/2023-11/8/2023

Gyrodata MS Gyro <17-1/2"> (100'-741')

APS EM <12-1/4"> (741')(858'-3420')

APS EM <8-3/4"> (3420')(3556'-7039')

BH AT Curve <8-1/2"> (7039')(7081'-25026')

Sycamore: 6875' MD

Middlesex: 7026' MD

Burkett: 7149' MD

Tully: 7191' MD

Marcellus POE: 7355' MD

Projected MD at TD: 25051'