



# ANTERO RESOURCES CORPORATION



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

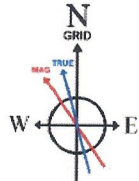
Slot: Slot D  
Well: Skinner Hollow Unit 1H  
Wellbore: Skinner Hollow Unit 1H PWB

Easting (ft)

Scale 1 inch = 3000

Plot reference wellpath is Skinner Hollow Unit 1H 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: 1280.5 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot D): -1255 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: edsonary on 2023-06-29; Database: WA_MPL_EASTERNUS_Deth

Location Information				
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Ingold Pad	1698814.580	14363571.790	39°33'12.9920"N	80°47'34.1600"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Slot D	-44.71	6.37	1698820.950	14363527.100
			39°33'12.5500"N	80°47'34.0799"W
Comment Skinner Hollow Unit 1H				
H&P 317 (RKB) to Ground level (At Slot: Slot D)			25.5ft	
Mean Sea Level to Ground level (At Slot: Slot D)			-1255ft	
H&P 317 (RKB) to Mean Sea Level			1280.5ft	



User specified (HDGM) Dip: 66.33° Field: 51646 nT  
Magnetic North is 7.57 degrees West of True North (at 5/26/2023)  
Grid North is 0.13 degrees East of True North  
To correct azimuth from True to Grid subtract 0.13 degrees  
To correct azimuth from Magnetic to Grid subtract 7.70 degrees

Well Profile Data								
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (*/100ft)	VS (ft)
Tie On	3360.00	1.690	346.760	3358.21	-12.90	-54.17	0.24	5.50
Start Nudge	3434.00	1.690	346.760	3432.18	-10.77	-54.67	0.00	7.67
KOP 1	3514.00	1.690	346.760	3512.15	-8.48	-55.21	0.00	10.02
End of 3D Arc	4431.23	20.030	342.584	4409.11	155.97	-105.78	2.00	181.96
Curve KOP	6601.39	20.030	342.584	6448.01	865.20	-328.23	0.00	924.95
POE	7278.86	74.217	340.940	6892.00	1318.29	-480.97	8.00	1403.08
Landing Pt.	7476.14	90.000	340.940	6919.00	1502.40	-544.58	8.00	1597.88
BHL	24478.87	90.000	340.940	6919.00	17573.91	-6097.36	0.00	18601.60

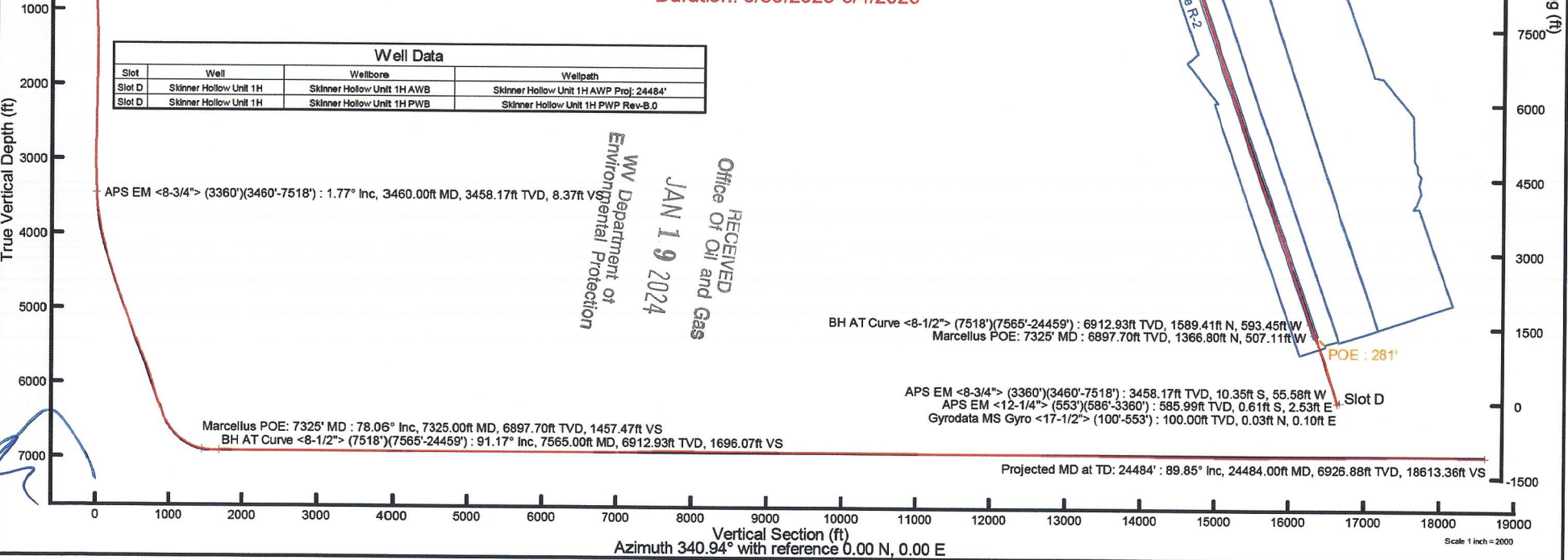
Scale 1 inch = 2000

Gyrodatta MS Gyro <17-1/2"> (100'-553') : 0.16° Inc, 100.00ft MD, 100.00ft TVD, 0.00ft VS

APS EM <12-1/4"> (553')(586'-3360') : 0.13° Inc, 586.00ft MD, 585.99ft TVD, -1.40ft VS

API: 47-103-03558-0000  
BH Job #: 111779818  
Rig: H&P 317  
Duration: 5/30/2023-6/4/2023

Well Data			
Slot	Well	Wellbore	Wellpath
Slot D	Skinner Hollow Unit 1H	Skinner Hollow Unit 1H AWB	Skinner Hollow Unit 1H AWP Proj: 24484'
Slot D	Skinner Hollow Unit 1H	Skinner Hollow Unit 1H PWB	Skinner Hollow Unit 1H PWP Rev-B.0



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BH AT Curve <8-1/2"> (7518')(7565'-24459') : 6912.93ft TVD, 1589.41ft N, 593.45ft W  
Marcellus POE: 7325' MD : 6897.70ft TVD, 1366.80ft N, 507.11ft W

POE : 281'

Slot D

APS EM <8-3/4"> (3360')(3460'-7518') : 3458.17ft TVD, 10.35ft S, 55.58ft W  
APS EM <12-1/4"> (553')(586'-3360') : 585.99ft TVD, 0.61ft S, 2.53ft E  
Gyrodatta MS Gyro <17-1/2"> (100'-553') : 100.00ft TVD, 0.03ft N, 0.10ft E

Marcellus POE: 7325' MD : 78.06° Inc, 7325.00ft MD, 6897.70ft TVD, 1457.47ft VS  
BH AT Curve <8-1/2"> (7518')(7565'-24459') : 91.17° Inc, 7565.00ft MD, 6912.93ft TVD, 1696.07ft VS

Projected MD at TD: 24484' : 89.85° Inc, 24484.00ft MD, 6926.88ft TVD, 18613.36ft VS

Vertical Section (ft)  
Azimuth 340.94° with reference 0.00 N, 0.00 E

Scale 1 inch = 2000





# Actual Wellpath Report

Skinner Hollow Unit 1H AWP Proj: 24484'  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

## REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999604	Report Generated	6/28/2023 at 10:18:00 PM
Convergence at slot	0.13° 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	-44.71	6.37	1698820.95	14363527.10	39°33'12.5500"N	80°47'34.0799"W
Facility Reference Pt			1698814.58	14363571.79	39°33'12.9920"N	80°47'34.1600"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	1280.50ft
Horizontal Reference Pt	Slot	H&P 317 (RKB) to Mean Sea Level	1280.50ft
Vertical Reference Pt	H&P 317 (RKB)	H&P 317 (RKB) to Ground Level at Slot (Slot D)	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	340.94°

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# Actual Wellpath Report

Skinner Hollow Unit 1H AWP Proj: 24484'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

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	71.440	0.00	0.00	0.00	0.00	1698820.95	14363527.10	39°33'12.5500"N	80°47'34.0799"W	0.00	0.000	0.00	0.00	0.00	
25.50	0.000	71.440	25.50	0.00	0.00	0.00	1698820.95	14363527.10	39°33'12.5500"N	80°47'34.0799"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.160	71.440	100.00	0.00	0.03	0.10	1698821.05	14363527.13	39°33'12.5503"N	80°47'34.0787"W	0.10	71.440	0.21	0.21	0.00	Gyrodata MS Gyro <17-1/2"> (100'-553')
200.00	0.280	75.290	200.00	-0.02	0.14	0.47	1698821.42	14363527.24	39°33'12.5513"N	80°47'34.0740"W	0.49	73.368	0.12	0.12	3.85	
300.00	0.400	94.170	300.00	-0.18	0.18	1.05	1698822.00	14363527.28	39°33'12.5517"N	80°47'34.0665"W	1.07	80.487	0.16	0.12	18.88	
400.00	0.430	102.510	399.99	-0.51	0.07	1.77	1698822.72	14363527.17	39°33'12.5506"N	80°47'34.0574"W	1.77	87.743	0.07	0.03	8.34	
500.00	0.360	128.540	499.99	-0.97	-0.21	2.38	1698823.33	14363526.89	39°33'12.5479"N	80°47'34.0496"W	2.39	94.984	0.19	-0.07	26.03	
553.00	0.380	169.000	552.99	-1.29	-0.48	2.54	1698823.49	14363526.62	39°33'12.5451"N	80°47'34.0475"W	2.59	100.773	0.48	0.04	76.34	
586.00	0.130	244.710	585.99	-1.40	-0.61	2.53	1698823.48	14363526.49	39°33'12.5439"N	80°47'34.0477"W	2.60	103.498	1.12	-0.76	229.42	APS EM <12-1/4"> (553')(586'-3360')
676.00	0.950	259.030	675.99	-1.31	-0.79	1.70	1698822.65	14363526.31	39°33'12.5421"N	80°47'34.0582"W	1.88	114.944	0.92	0.91	15.91	
766.00	2.150	269.940	765.95	-0.65	-0.94	-0.72	1698820.23	14363526.16	39°33'12.5407"N	80°47'34.0891"W	1.18	217.418	1.37	1.33	12.12	
855.00	3.340	275.490	854.85	0.97	-0.69	-4.97	1698815.99	14363526.41	39°33'12.5433"N	80°47'34.1434"W	5.01	262.089	1.37	1.34	6.24	
945.00	3.930	277.810	944.67	3.45	-0.02	-10.63	1698810.32	14363527.08	39°33'12.5500"N	80°47'34.2157"W	10.63	269.891	0.68	0.66	2.58	
1035.00	3.860	280.220	1034.46	6.33	0.94	-16.67	1698804.29	14363528.04	39°33'12.5596"N	80°47'34.2927"W	16.70	273.215	0.20	-0.08	2.68	
1129.00	3.880	280.980	1128.24	9.47	2.10	-22.90	1698798.05	14363529.20	39°33'12.5713"N	80°47'34.3723"W	23.00	275.247	0.06	0.02	0.81	
1223.00	3.340	276.950	1222.06	12.26	3.04	-28.75	1698792.22	14363530.14	39°33'12.5807"N	80°47'34.4468"W	28.91	276.038	0.63	-0.57	-4.29	
1318.00	3.810	275.690	1316.87	14.80	3.69	-34.63	1698786.33	14363530.79	39°33'12.5872"N	80°47'34.5220"W	34.83	276.079	0.50	0.49	-1.33	
1413.00	2.960	267.690	1411.71	16.82	3.90	-40.22	1698780.74	14363531.00	39°33'12.5895"N	80°47'34.5933"W	40.41	275.541	1.02	-0.89	-8.42	
1507.00	1.570	256.770	1505.63	17.65	3.51	-43.90	1698777.06	14363530.61	39°33'12.5857"N	80°47'34.6403"W	44.04	274.571	1.54	-1.48	-11.62	
1602.00	0.670	197.660	1600.61	17.34	2.68	-45.34	1698775.63	14363529.78	39°33'12.5775"N	80°47'34.6587"W	45.42	273.386	1.43	-0.95	-62.22	
1704.00	0.900	201.390	1702.61	16.25	1.37	-45.81	1698775.16	14363528.47	39°33'12.5645"N	80°47'34.6648"W	45.83	271.711	0.23	0.23	3.66	
1798.00	1.760	218.690	1796.58	14.92	-0.45	-46.98	1698773.98	14363526.65	39°33'12.5466"N	80°47'34.6798"W	46.99	269.457	1.00	0.91	18.40	
1893.00	1.140	202.050	1891.55	13.43	-2.46	-48.25	1698772.72	14363524.64	39°33'12.5268"N	80°47'34.6960"W	48.31	267.081	0.78	-0.65	-17.52	
1987.00	1.270	201.830	1985.53	11.94	-4.29	-48.99	1698771.98	14363522.81	39°33'12.5086"N	80°47'34.7055"W	49.18	264.991	0.14	0.14	-0.23	
2082.00	1.350	201.390	2080.50	10.29	-6.31	-49.79	1698771.18	14363520.79	39°33'12.4887"N	80°47'34.7157"W	50.19	262.773	0.08	0.08	-0.46	
2176.00	1.340	208.040	2174.48	8.70	-8.31	-50.71	1698770.26	14363518.79	39°33'12.4690"N	80°47'34.7276"W	51.39	260.689	0.17	-0.01	7.07	
2270.00	1.400	207.130	2268.45	7.16	-10.31	-51.75	1698769.22	14363516.80	39°33'12.4493"N	80°47'34.7409"W	52.77	258.736	0.07	0.06	-0.97	
2365.00	1.400	206.140	2363.42	5.54	-12.38	-52.79	1698768.18	14363514.72	39°33'12.4288"N	80°47'34.7542"W	54.22	256.801	0.03	0.00	-1.04	
2460.00	1.340	206.740	2458.40	3.94	-14.41	-53.80	1698767.17	14363512.69	39°33'12.4087"N	80°47'34.7672"W	55.70	255.001	0.06	-0.06	0.63	
2554.00	1.320	207.600	2552.37	2.44	-16.36	-54.80	1698766.17	14363510.75	39°33'12.3896"N	80°47'34.7800"W	57.19	253.381	0.03	-0.02	0.91	

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# Actual Wellpath Report

Skinner Hollow Unit 1H AWP Proj: 24484\*

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

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	
2649.00	0.840	169.960	2647.35	1.00	-18.01	-55.18	1698765.79	14363509.10	39°33'12.3732"N	80°47'34.7850"W	58.05	251.924	0.88	-0.51	-39.62		
2743.00	0.840	155.410	2741.34	-0.37	-19.32	-54.78	1698766.20	14363507.79	39°33'12.3603"N	80°47'34.7798"W	58.08	250.575	0.23	0.00	-15.48		
2838.00	0.950	152.610	2836.33	-1.84	-20.65	-54.12	1698766.85	14363506.46	39°33'12.3471"N	80°47'34.7715"W	57.93	249.118	0.12	0.12	-2.95		
2932.00	0.240	95.950	2930.33	-2.70	-21.36	-53.57	1698767.40	14363505.75	39°33'12.3401"N	80°47'34.7645"W	57.67	248.260	0.90	-0.76	-60.28		
3027.00	0.460	33.770	3025.33	-2.55	-21.06	-53.16	1698767.81	14363506.04	39°33'12.3430"N	80°47'34.7592"W	57.18	248.384	0.43	0.23	-65.45		
3121.00	1.280	358.480	3119.31	-1.32	-19.70	-52.98	1698767.99	14363507.41	39°33'12.3565"N	80°47'34.7569"W	56.52	249.601	1.00	0.87	-37.54		
3216.00	1.740	351.660	3214.28	1.11	-17.21	-53.21	1698767.76	14363509.89	39°33'12.3811"N	80°47'34.7598"W	55.93	252.075	0.52	0.48	-7.18		
3310.00	1.800	345.140	3308.24	3.98	-14.37	-53.80	1698767.17	14363512.73	39°33'12.4091"N	80°47'34.7672"W	55.69	255.041	0.22	0.06	-6.94		
3360.00	1.690	346.760	3358.21	5.50	-12.90	-54.17	1698766.80	14363514.21	39°33'12.4237"N	80°47'34.7719"W	55.69	256.607	0.24	-0.22	3.24		
3460.00	1.770	316.170	3458.17	8.37	-10.35	-55.58	1698765.39	14363516.76	39°33'12.4490"N	80°47'34.7898"W	56.53	259.452	0.92	0.08	-30.59	APS EM <8-3/4"> (3360')(3460'-7518')	
3555.00	4.060	333.450	3553.04	13.04	-6.28	-58.10	1698762.88	14363520.82	39°33'12.4892"N	80°47'34.8218"W	58.44	263.830	2.56	2.41	18.19		
3649.00	7.480	333.930	3646.55	22.41	2.19	-62.28	1698758.70	14363529.29	39°33'12.5731"N	80°47'34.8749"W	62.31	272.018	3.64	3.64	0.51		
3743.00	8.610	342.930	3739.63	35.52	14.42	-67.03	1698753.95	14363541.51	39°33'12.6940"N	80°47'34.9352"W	68.56	282.139	1.80	1.20	9.57		
3838.00	8.660	338.080	3833.55	49.77	27.85	-71.79	1698749.19	14363554.94	39°33'12.8269"N	80°47'34.9956"W	77.00	291.204	0.77	0.05	-5.11		
3932.00	10.210	344.510	3926.28	65.15	42.45	-76.65	1698744.33	14363569.53	39°33'12.9712"N	80°47'35.0573"W	87.62	298.974	1.99	1.65	6.84		
4026.00	12.150	341.870	4018.49	83.36	59.88	-81.96	1698739.02	14363586.95	39°33'13.1436"N	80°47'35.1245"W	101.50	306.151	2.13	2.06	-2.81		
4121.00	13.630	346.200	4111.10	104.50	80.25	-87.74	1698733.25	14363607.32	39°33'13.3451"N	80°47'35.1977"W	118.90	312.447	1.86	1.56	4.56		
4215.00	15.600	347.140	4202.05	128.10	103.33	-93.20	1698727.79	14363630.39	39°33'13.5733"N	80°47'35.2667"W	139.15	317.952	2.11	2.10	1.00		
4309.00	16.640	346.450	4292.36	154.06	128.74	-99.16	1698721.83	14363655.79	39°33'13.8246"N	80°47'35.3421"W	162.50	322.394	1.12	1.11	-0.73		
4403.00	19.010	346.760	4381.84	182.69	156.73	-105.82	1698715.17	14363683.77	39°33'14.1014"N	80°47'35.4263"W	189.11	325.973	2.52	2.52	0.33		
4498.00	20.260	348.130	4471.31	214.41	187.89	-112.75	1698708.25	14363714.91	39°33'14.4095"N	80°47'35.5138"W	219.12	329.032	1.40	1.32	1.44		
4592.00	19.450	343.060	4559.73	246.20	218.79	-120.66	1698700.34	14363745.80	39°33'14.7150"N	80°47'35.6139"W	249.85	331.124	2.02	-0.86	-5.39		
4686.00	19.030	341.200	4648.48	277.16	248.27	-130.16	1698690.84	14363775.27	39°33'15.0066"N	80°47'35.7343"W	280.32	332.334	0.79	-0.45	-1.98		
4781.00	18.710	340.070	4738.38	307.88	277.25	-140.34	1698680.66	14363804.24	39°33'15.2933"N	80°47'35.8635"W	310.75	333.152	0.51	-0.34	-1.19		
4876.00	18.490	338.130	4828.41	338.16	305.56	-151.15	1698669.86	14363832.54	39°33'15.5733"N	80°47'36.0006"W	340.90	333.680	0.69	-0.23	-2.04		
4970.00	19.740	338.750	4917.23	368.92	334.19	-162.45	1698658.56	14363861.15	39°33'15.8565"N	80°47'36.1441"W	371.58	334.075	1.35	1.33	0.66		
5066.00	19.900	339.930	5007.54	401.45	364.64	-173.94	1698647.08	14363891.60	39°33'16.1578"N	80°47'36.2898"W	404.00	334.499	0.45	0.17	1.23		
5160.00	19.570	341.580	5096.02	433.19	394.61	-184.40	1698636.62	14363921.55	39°33'16.4541"N	80°47'36.4225"W	435.57	334.953	0.69	-0.35	1.76		
5255.00	20.830	344.780	5185.18	465.96	426.00	-193.86	1698627.16	14363952.93	39°33'16.7647"N	80°47'36.5424"W	468.04	335.531	1.76	1.33	3.37		
5349.00	22.200	347.060	5272.63	500.29	459.44	-202.23	1698618.80	14363986.36	39°33'17.0953"N	80°47'36.6482"W	501.98	336.243	1.71	1.46	2.43		

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# Actual Wellpath Report

Skinner Hollow Unit 1H AWP Proj: 24484'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

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
5444.00	21.980	349.980	5360.66	535.69	494.44	-209.34	1698611.69	14364021.34	39°33'17.4414"N	80°47'36.7380"W	536.93	337.053	1.18	-0.23	3.07	
5538.00	20.980	343.750	5448.14	569.88	527.92	-217.11	1698603.92	14364054.81	39°33'17.7725"N	80°47'36.8362"W	570.82	337.645	2.65	-1.06	-6.63	
5633.00	21.440	341.170	5536.71	604.23	560.68	-227.47	1698593.57	14364087.56	39°33'18.0965"N	80°47'36.9676"W	605.07	337.917	1.10	0.48	-2.72	
5727.00	22.390	342.720	5623.91	639.30	594.04	-238.34	1698582.71	14364120.90	39°33'18.4264"N	80°47'37.1053"W	640.07	338.139	1.18	1.01	1.65	
5821.00	23.020	345.530	5710.63	675.52	628.93	-248.25	1698572.80	14364155.78	39°33'18.7715"N	80°47'37.2308"W	676.15	338.460	1.33	0.67	2.99	
5915.00	20.410	347.420	5797.96	710.13	662.73	-256.41	1698564.64	14364189.57	39°33'19.1057"N	80°47'37.3340"W	710.61	338.848	2.87	-2.78	2.01	
6009.00	17.940	342.190	5886.74	740.90	692.52	-264.41	1698556.64	14364219.34	39°33'19.4003"N	80°47'37.4353"W	741.28	339.103	3.20	-2.63	-5.56	
6104.00	16.120	343.960	5977.57	768.70	719.13	-272.53	1698548.53	14364245.94	39°33'19.6635"N	80°47'37.5382"W	769.04	339.244	1.99	-1.92	1.86	
6198.00	15.500	348.680	6068.02	794.18	743.99	-278.60	1698542.46	14364270.79	39°33'19.9093"N	80°47'37.6150"W	794.44	339.470	1.52	-0.66	5.02	
6292.00	16.240	348.450	6158.43	819.66	769.18	-283.70	1698537.36	14364295.97	39°33'20.1584"N	80°47'37.6793"W	819.83	339.754	0.79	0.79	-0.24	
6387.00	19.720	345.480	6248.78	848.81	797.72	-290.38	1698530.68	14364324.50	39°33'20.4406"N	80°47'37.7638"W	848.93	339.998	3.79	3.66	-3.13	
6481.00	20.320	342.170	6337.11	880.94	828.61	-299.36	1698521.71	14364355.38	39°33'20.7461"N	80°47'37.8774"W	881.03	340.137	1.36	0.64	-3.52	
6575.00	21.710	340.300	6424.85	914.65	860.52	-310.21	1698510.86	14364387.28	39°33'21.0617"N	80°47'38.0151"W	914.73	340.176	1.64	1.48	-1.99	
6669.00	28.610	337.590	6509.89	954.55	897.74	-324.67	1698496.41	14364424.48	39°33'21.4299"N	80°47'38.1986"W	954.65	340.117	7.44	7.34	-2.88	
6764.00	35.240	336.810	6590.47	1004.65	944.01	-344.16	1698476.93	14364470.74	39°33'21.8877"N	80°47'38.4460"W	1004.79	339.970	6.99	6.98	-0.82	
6776.00†	36.017	336.732	6600.22	1011.62	950.43	-346.92	1698474.17	14364477.16	39°33'21.9512"N	80°47'38.4811"W	1011.77	339.948	6.49	6.48	-0.65	
6858.00	41.330	336.270	6664.22	1062.68	997.40	-367.35	1698453.75	14364524.11	39°33'22.4159"N	80°47'38.7406"W	1062.90	339.781	6.49	6.48	-0.56	
6926.00†	45.789	339.771	6713.49	1109.46	1040.85	-384.82	1698436.28	14364567.54	39°33'22.8457"N	80°47'38.9624"W	1109.72	339.710	7.45	6.56	5.15	
6952.00	47.520	340.970	6731.34	1128.37	1058.66	-391.17	1698429.93	14364585.34	39°33'23.0219"N	80°47'39.0429"W	1128.62	339.721	7.45	6.66	4.61	
7047.00	56.870	339.760	6789.51	1203.33	1129.26	-416.41	1698404.70	14364655.91	39°33'23.7202"N	80°47'39.3631"W	1203.59	339.759	9.89	9.84	-1.27	
7075.00†	58.648	339.533	6804.44	1227.01	1151.46	-424.65	1698396.47	14364678.11	39°33'23.9398"N	80°47'39.4676"W	1227.27	339.756	6.39	6.35	-0.81	
7122.00†	61.633	339.171	6827.84	1267.75	1189.60	-439.02	1698382.10	14364716.23	39°33'24.3170"N	80°47'39.6500"W	1268.03	339.743	6.39	6.35	-0.77	
7141.00	62.840	339.030	6836.69	1284.55	1205.31	-445.02	1698376.11	14364731.93	39°33'24.4724"N	80°47'39.7261"W	1284.84	339.735	6.39	6.35	-0.74	
7235.00	70.870	339.140	6873.61	1370.87	1285.98	-475.85	1698345.29	14364812.57	39°33'25.2704"N	80°47'40.1174"W	1371.20	339.694	8.54	8.54	0.12	
7325.00†	78.060	338.584	6897.70	1457.47	1366.80	-507.11	1698314.05	14364893.36	39°33'26.0699"N	80°47'40.5141"W	1457.84	339.644	8.01	7.99	-0.62	
7329.00	78.380	338.560	6898.52	1461.38	1370.45	-508.54	1698312.62	14364897.00	39°33'26.1060"N	80°47'40.5322"W	1461.76	339.641	8.01	7.99	-0.60	
7423.00	85.130	337.940	6911.99	1554.25	1456.80	-542.99	1698278.17	14364983.32	39°33'26.9602"N	80°47'40.9696"W	1554.71	339.558	7.21	7.18	-0.66	
7518.00	92.110	339.640	6914.27	1649.10	1545.28	-577.33	1698243.85	14365071.77	39°33'27.8355"N	80°47'41.4054"W	1649.61	339.514	7.56	7.35	1.79	
7565.00	91.170	340.210	6912.93	1696.07	1589.41	-593.45	1698227.73	14365115.88	39°33'28.2719"N	80°47'41.6100"W	1696.59	339.525	2.34	-2.00	1.21	BH AT Curve <8-1/2"> (7518')(7565'-24459')
7583.00	91.080	340.300	6912.58	1714.07	1606.35	-599.53	1698221.66	14365132.81	39°33'28.4395"N	80°47'41.6871"W	1714.58	339.533	0.71	-0.50	0.50	

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# Actual Wellpath Report

Skinner Hollow Unit 1H AWP Proj: 24484'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

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
7677.00	89.540	341.000	6912.07	1808.06	1695.03	-630.68	1698190.52	14365221.46	39°33'29.3167"N	80°47'42.0822"W	1808.56	339.591	1.80	-1.64	0.74	
7772.00	88.920	340.850	6913.34	1903.05	1784.81	-661.72	1698159.49	14365311.20	39°33'30.2046"N	80°47'42.4759"W	1903.53	339.658	0.67	-0.65	-0.16	
7866.00	89.050	341.360	6915.01	1997.04	1873.73	-692.16	1698129.07	14365400.08	39°33'31.0841"N	80°47'42.8619"W	1997.48	339.726	0.56	0.14	0.54	
7961.00	88.680	340.810	6916.89	2092.02	1963.58	-722.95	1698098.29	14365489.90	39°33'31.9729"N	80°47'43.2524"W	2092.44	339.787	0.70	-0.39	-0.58	
8055.00	89.850	341.320	6918.10	2186.01	2052.49	-753.45	1698067.80	14365578.77	39°33'32.8522"N	80°47'43.6392"W	2186.41	339.842	1.36	1.24	0.54	
8150.00	89.780	341.010	6918.40	2281.00	2142.40	-784.12	1698037.15	14365668.64	39°33'33.7415"N	80°47'44.0282"W	2281.38	339.897	0.33	-0.07	-0.33	
8245.00	90.340	341.540	6918.30	2376.00	2232.37	-814.61	1698006.66	14365758.58	39°33'34.6314"N	80°47'44.4150"W	2376.35	339.952	0.81	0.59	0.56	
8339.00	89.600	340.780	6918.35	2470.00	2321.33	-844.97	1697976.32	14365847.51	39°33'35.5113"N	80°47'44.7999"W	2470.33	339.998	1.13	-0.79	-0.81	
8433.00	90.220	342.510	6918.50	2563.99	2410.54	-874.57	1697946.73	14365936.69	39°33'36.3937"N	80°47'45.1753"W	2564.29	340.059	1.96	0.66	1.84	
8528.00	90.650	340.880	6917.78	2658.97	2500.73	-904.40	1697916.91	14366026.84	39°33'37.2857"N	80°47'45.5536"W	2659.25	340.117	1.77	0.45	-1.72	
8622.00	89.880	341.980	6917.34	2752.97	2589.83	-934.34	1697886.99	14366115.90	39°33'38.1670"N	80°47'45.9332"W	2753.22	340.162	1.43	-0.82	1.17	
8717.00	90.340	343.170	6917.16	2847.93	2680.47	-962.78	1697858.55	14366206.51	39°33'39.0635"N	80°47'46.2938"W	2848.14	340.242	1.34	0.48	1.25	
8811.00	90.340	342.630	6916.60	2941.87	2770.32	-990.42	1697830.92	14366296.31	39°33'39.9520"N	80°47'46.6441"W	2942.04	340.327	0.57	0.00	-0.57	
8905.00	90.090	341.950	6916.25	3035.84	2859.86	-1019.02	1697802.34	14366385.82	39°33'40.8376"N	80°47'47.0066"W	3035.98	340.388	0.77	-0.27	-0.72	
9000.00	89.940	342.600	6916.23	3130.82	2950.35	-1047.94	1697773.43	14366476.27	39°33'41.7326"N	80°47'47.3733"W	3130.93	340.445	0.70	-0.16	0.68	
9094.00	90.150	340.510	6916.15	3224.81	3039.52	-1077.68	1697743.70	14366565.41	39°33'42.6145"N	80°47'47.7504"W	3224.91	340.478	2.23	0.22	-2.22	
9189.00	89.350	339.520	6916.57	3319.79	3128.79	-1110.15	1697711.24	14366654.65	39°33'43.4976"N	80°47'48.1624"W	3319.90	340.464	1.34	-0.84	-1.04	
9283.00	89.910	340.780	6917.17	3413.78	3217.20	-1142.06	1697679.34	14366743.02	39°33'44.3721"N	80°47'48.5674"W	3413.90	340.456	1.47	0.60	1.34	
9378.00	90.030	339.980	6917.22	3508.77	3306.69	-1173.96	1697647.45	14366832.47	39°33'45.2572"N	80°47'48.9721"W	3508.90	340.454	0.85	0.13	-0.84	
9472.00	90.280	340.300	6916.97	3602.76	3395.10	-1205.90	1697615.53	14366920.84	39°33'46.1317"N	80°47'49.3773"W	3602.90	340.446	0.43	0.27	0.34	
9567.00	89.720	340.450	6916.97	3697.76	3484.58	-1237.80	1697583.64	14367010.29	39°33'47.0167"N	80°47'49.7821"W	3697.90	340.444	0.61	-0.59	0.16	
9661.00	88.950	339.640	6918.06	3791.74	3572.93	-1269.88	1697551.57	14367098.60	39°33'47.8906"N	80°47'50.1891"W	3791.89	340.434	1.19	-0.82	-0.86	
9756.00	89.600	339.810	6919.26	3886.71	3662.03	-1302.80	1697518.67	14367187.67	39°33'48.7720"N	80°47'50.6068"W	3886.87	340.417	0.71	0.68	0.18	
9851.00	89.820	339.760	6919.74	3981.69	3751.18	-1335.63	1697485.86	14367276.79	39°33'49.6538"N	80°47'51.0234"W	3981.86	340.401	0.24	0.23	-0.05	
9945.00	90.280	340.800	6919.66	4075.68	3839.66	-1367.34	1697454.15	14367365.24	39°33'50.5290"N	80°47'51.4259"W	4075.86	340.399	1.21	0.49	1.11	
10039.00	89.910	339.840	6919.51	4169.67	3928.17	-1399.00	1697422.51	14367453.71	39°33'51.4045"N	80°47'51.8275"W	4169.86	340.397	1.09	-0.39	-1.02	
10134.00	90.150	339.850	6919.46	4264.66	4017.35	-1431.73	1697389.79	14367542.86	39°33'52.2866"N	80°47'52.2429"W	4264.86	340.385	0.25	0.25	0.01	
10228.00	90.090	340.590	6919.26	4358.65	4105.81	-1463.54	1697357.99	14367631.27	39°33'53.1615"N	80°47'52.6465"W	4358.85	340.381	0.79	-0.06	0.79	
10322.00	90.220	339.470	6919.01	4452.63	4194.15	-1495.64	1697325.90	14367719.58	39°33'54.0354"N	80°47'53.0539"W	4452.85	340.374	1.20	0.14	-1.19	
10417.00	90.180	340.270	6918.67	4547.62	4283.35	-1528.34	1697293.22	14367808.74	39°33'54.9177"N	80°47'53.4688"W	4547.85	340.363	0.84	-0.04	0.84	





# Actual Wellpath Report

Skinner Hollow Unit 1H AWP Proj: 24484\*  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

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
10512.00	90.370	340.920	6918.22	4642.61	4372.95	-1559.90	1697261.67	14367898.31	39°33'55.8039"N	80°47'53.8693"W	4642.84	340.368	0.71	0.20	0.68	
10606.00	90.220	340.590	6917.73	4736.61	4461.70	-1590.88	1697230.70	14367987.02	39°33'56.6817"N	80°47'54.2623"W	4736.84	340.376	0.39	-0.16	-0.35	
10700.00	89.850	340.750	6917.68	4830.61	4550.40	-1622.00	1697199.60	14368075.69	39°33'57.5590"N	80°47'54.6571"W	4830.84	340.381	0.43	-0.39	0.17	
10795.00	90.090	340.280	6917.73	4925.61	4639.96	-1653.69	1697167.92	14368165.21	39°33'58.4449"N	80°47'55.0591"W	4925.84	340.384	0.56	0.25	-0.49	
10889.00	90.000	341.500	6917.65	5019.60	4728.78	-1684.46	1697137.16	14368253.99	39°33'59.3234"N	80°47'55.4495"W	5019.83	340.393	1.30	-0.10	1.30	
10983.00	89.880	341.000	6917.75	5113.60	4817.79	-1714.68	1697106.96	14368342.97	39°34'0.2037"N	80°47'55.8328"W	5113.82	340.409	0.55	-0.13	-0.53	
11077.00	90.090	341.710	6917.78	5207.60	4906.85	-1744.73	1697076.92	14368432.00	39°34'1.0847"N	80°47'56.2140"W	5207.81	340.426	0.79	0.22	0.76	
11172.00	90.370	341.550	6917.39	5302.59	4997.01	-1774.67	1697046.99	14368522.12	39°34'1.9764"N	80°47'56.5937"W	5302.79	340.448	0.34	0.29	-0.17	
11266.00	90.030	341.460	6917.07	5396.59	5086.15	-1804.48	1697017.18	14368611.23	39°34'2.8581"N	80°47'56.9719"W	5396.77	340.466	0.37	-0.36	-0.10	
11361.00	90.000	341.290	6917.04	5491.58	5176.18	-1834.83	1696986.86	14368701.22	39°34'3.7485"N	80°47'57.3568"W	5491.76	340.482	0.18	-0.03	-0.18	
11455.00	89.940	341.030	6917.09	5585.58	5265.14	-1865.18	1696956.51	14368790.15	39°34'4.6284"N	80°47'57.7419"W	5585.75	340.493	0.28	-0.06	-0.28	
11549.00	90.090	341.240	6917.07	5679.58	5354.09	-1895.57	1696926.13	14368879.06	39°34'5.5082"N	80°47'58.1274"W	5679.75	340.504	0.27	0.16	0.22	
11644.00	90.490	341.580	6916.58	5774.58	5444.14	-1925.86	1696895.86	14368969.07	39°34'6.3987"N	80°47'58.5116"W	5774.73	340.519	0.55	0.42	0.36	
11738.00	90.650	341.720	6915.65	5868.57	5533.35	-1955.45	1696866.28	14369058.25	39°34'7.2811"N	80°47'58.8869"W	5868.71	340.537	0.23	0.17	0.15	
11832.00	90.090	341.770	6915.04	5962.55	5622.62	-1984.90	1696836.84	14369147.48	39°34'8.1640"N	80°47'59.2604"W	5962.69	340.556	0.60	-0.60	0.05	
11927.00	90.090	341.810	6914.89	6057.54	5712.86	-2014.58	1696807.17	14369237.69	39°34'9.0566"N	80°47'59.6369"W	6057.67	340.575	0.04	0.00	0.04	
12021.00	90.460	341.480	6914.44	6151.53	5802.08	-2044.18	1696777.58	14369326.87	39°34'9.9390"N	80°48'0.0123"W	6151.65	340.592	0.53	0.39	-0.35	
12115.00	90.250	341.590	6913.86	6245.53	5891.24	-2073.95	1696747.82	14369415.99	39°34'10.8208"N	80°48'0.3900"W	6245.63	340.606	0.25	-0.22	0.12	
12210.00	90.000	342.150	6913.65	6340.51	5981.52	-2103.52	1696718.27	14369506.24	39°34'11.7137"N	80°48'0.7649"W	6340.61	340.625	0.65	-0.26	0.59	
12304.00	90.090	341.210	6913.58	6434.51	6070.75	-2133.06	1696688.74	14369595.44	39°34'12.5963"N	80°48'1.1397"W	6434.59	340.640	1.00	0.10	-1.00	
12399.00	90.180	341.850	6913.35	6529.50	6160.86	-2163.16	1696658.65	14369685.51	39°34'13.4875"N	80°48'1.5214"W	6529.58	340.653	0.68	0.09	0.67	
12493.00	90.030	341.310	6913.18	6623.49	6250.04	-2192.86	1696628.96	14369774.65	39°34'14.3696"N	80°48'1.8982"W	6623.57	340.666	0.60	-0.16	-0.57	
12588.00	90.490	341.830	6912.75	6718.49	6340.17	-2222.89	1696598.94	14369864.74	39°34'15.2610"N	80°48'2.2791"W	6718.56	340.679	0.73	0.48	0.55	
12682.00	90.250	341.800	6912.14	6812.47	6429.47	-2252.23	1696569.62	14369954.01	39°34'16.1442"N	80°48'2.6512"W	6812.54	340.695	0.26	-0.26	-0.03	
12777.00	89.690	341.410	6912.19	6907.47	6519.62	-2282.21	1696539.65	14370044.12	39°34'17.0358"N	80°48'3.0315"W	6907.52	340.707	0.72	-0.59	-0.41	
12871.00	89.510	340.560	6912.85	7001.46	6608.48	-2312.83	1696509.04	14370132.95	39°34'17.9148"N	80°48'3.4201"W	7001.52	340.711	0.92	-0.19	-0.90	
12966.00	91.820	342.400	6911.75	7096.44	6698.55	-2343.00	1696478.88	14370222.98	39°34'18.8055"N	80°48'3.8028"W	7096.49	340.721	3.11	2.43	1.94	
13060.00	91.450	343.020	6909.07	7190.36	6788.26	-2370.93	1696450.96	14370312.66	39°34'19.6928"N	80°48'4.1569"W	7190.40	340.747	0.77	-0.39	0.66	
13154.00	91.720	341.910	6906.47	7284.29	6877.86	-2399.24	1696422.67	14370402.22	39°34'20.5789"N	80°48'4.5159"W	7284.32	340.769	1.21	0.29	-1.18	
13248.00	92.120	341.540	6903.32	7378.23	6967.07	-2428.70	1696393.22	14370491.40	39°34'21.4612"N	80°48'4.8895"W	7378.25	340.782	0.58	0.43	-0.39	





# Actual Wellpath Report

Skinner Hollow Unit 1H AWP Proj: 24484\*

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWP
Slot	Slot D		

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
13343.00	91.820	341.800	6900.05	7473.16	7057.19	-2458.56	1696363.37	14370581.49	39°34'22.3526"N	80°48'5.2683"W	7473.19	340.793	0.42	-0.32	0.27	
13437.00	91.080	341.000	6897.67	7567.13	7146.26	-2488.53	1696333.41	14370670.51	39°34'23.2335"N	80°48'5.6485"W	7567.15	340.800	1.16	-0.79	-0.85	
13532.00	89.880	340.930	6896.88	7662.12	7236.06	-2519.51	1696302.44	14370760.28	39°34'24.1217"N	80°48'6.0417"W	7662.14	340.802	1.27	-1.26	-0.07	
13626.00	90.120	341.160	6896.88	7756.12	7324.96	-2550.05	1696271.92	14370849.14	39°34'25.0010"N	80°48'6.4291"W	7756.14	340.805	0.35	0.26	0.24	
13721.00	89.910	341.270	6896.85	7851.12	7414.90	-2580.64	1696241.34	14370939.05	39°34'25.8906"N	80°48'6.8172"W	7851.14	340.810	0.25	-0.22	0.12	
13816.00	88.980	340.110	6897.77	7946.11	7504.55	-2612.05	1696209.94	14371028.66	39°34'26.7773"N	80°48'7.2158"W	7946.13	340.809	1.56	-0.98	-1.22	
14005.00	89.230	340.930	6900.72	8135.08	7682.70	-2675.07	1696146.95	14371206.75	39°34'28.5394"N	80°48'8.0156"W	8135.11	340.802	0.45	0.13	0.43	
14099.00	90.120	341.440	6901.26	8229.08	7771.68	-2705.38	1696116.64	14371295.69	39°34'29.4194"N	80°48'8.4002"W	8229.10	340.807	1.09	0.95	0.54	
14194.00	89.910	341.320	6901.23	8324.08	7861.71	-2735.72	1696086.32	14371385.68	39°34'30.3098"N	80°48'8.7851"W	8324.10	340.813	0.25	-0.22	-0.13	
14289.00	89.690	341.060	6901.56	8419.07	7951.63	-2766.35	1696055.70	14371475.57	39°34'31.1992"N	80°48'9.1737"W	8419.09	340.817	0.36	-0.23	-0.27	
14383.00	89.780	341.250	6902.00	8513.07	8040.59	-2796.71	1696025.35	14371564.49	39°34'32.0791"N	80°48'9.5590"W	8513.09	340.821	0.22	0.10	0.20	
14477.00	89.320	340.560	6902.74	8607.07	8129.42	-2827.46	1695994.62	14371653.28	39°34'32.9577"N	80°48'9.9492"W	8607.09	340.822	0.88	-0.49	-0.73	
14572.00	89.660	341.000	6903.58	8702.06	8219.12	-2858.73	1695963.36	14371742.95	39°34'33.8449"N	80°48'10.3460"W	8702.08	340.822	0.59	0.36	0.46	
14666.00	89.480	340.890	6904.29	8796.06	8307.96	-2889.42	1695932.68	14371831.76	39°34'34.7236"N	80°48'10.7354"W	8796.08	340.823	0.22	-0.19	-0.12	
14760.00	89.880	341.480	6904.81	8890.06	8396.94	-2919.74	1695902.38	14371920.70	39°34'35.6036"N	80°48'11.1201"W	8890.08	340.827	0.76	0.43	0.63	
14855.00	89.820	341.500	6905.06	8985.05	8487.02	-2949.89	1695872.23	14372010.75	39°34'36.4946"N	80°48'11.5027"W	8985.07	340.834	0.07	-0.06	0.02	
14949.00	89.630	341.400	6905.51	9079.05	8576.14	-2979.80	1695842.34	14372099.83	39°34'37.3760"N	80°48'11.8822"W	9079.06	340.840	0.23	-0.20	-0.11	
15044.00	89.570	341.150	6906.18	9174.05	8666.11	-3010.30	1695811.85	14372189.76	39°34'38.2659"N	80°48'12.2691"W	9174.06	340.845	0.27	-0.06	-0.26	
15138.00	89.510	341.120	6906.93	9268.04	8755.06	-3040.69	1695781.47	14372278.67	39°34'39.1456"N	80°48'12.6548"W	9268.05	340.848	0.07	-0.06	-0.03	
15233.00	89.880	342.230	6907.44	9363.03	8845.24	-3070.56	1695751.62	14372368.82	39°34'40.0375"N	80°48'13.0337"W	9363.04	340.856	1.23	0.39	1.17	
15327.00	89.880	341.540	6907.63	9457.02	8934.58	-3099.78	1695722.40	14372458.12	39°34'40.9211"N	80°48'13.4045"W	9457.02	340.866	0.73	0.00	-0.73	
15422.00	89.850	340.910	6907.86	9552.02	9024.52	-3130.36	1695691.84	14372548.03	39°34'41.8107"N	80°48'13.7924"W	9552.02	340.870	0.66	-0.03	-0.66	
15516.00	90.120	341.450	6907.88	9646.01	9113.50	-3160.68	1695661.53	14372636.97	39°34'42.6907"N	80°48'14.1772"W	9646.02	340.873	0.64	0.29	0.57	
15611.00	90.030	341.640	6907.76	9741.01	9203.61	-3190.76	1695631.46	14372727.05	39°34'43.5820"N	80°48'14.5588"W	9741.01	340.879	0.22	-0.09	0.20	
15705.00	89.850	341.290	6907.86	9835.00	9292.73	-3220.64	1695601.60	14372816.13	39°34'44.4634"N	80°48'14.9379"W	9835.01	340.885	0.42	-0.19	-0.37	
15800.00	89.780	341.350	6908.16	9930.00	9382.73	-3251.06	1695571.18	14372906.09	39°34'45.3535"N	80°48'15.3240"W	9930.01	340.889	0.10	-0.07	0.06	
15895.00	89.200	340.540	6909.01	10025.00	9472.52	-3282.08	1695540.18	14372995.85	39°34'46.2416"N	80°48'15.7176"W	10025.00	340.890	1.05	-0.61	-0.85	
15989.00	89.720	340.450	6909.89	10118.99	9561.12	-3313.46	1695508.81	14373084.41	39°34'47.1180"N	80°48'16.1159"W	10118.99	340.886	0.56	0.55	-0.10	
16083.00	89.970	341.300	6910.15	10212.99	9649.93	-3344.26	1695478.02	14373173.19	39°34'47.9964"N	80°48'16.5068"W	10212.99	340.886	0.94	0.27	0.90	
16177.00	89.720	340.730	6910.40	10306.99	9738.82	-3374.84	1695447.46	14373262.04	39°34'48.8755"N	80°48'16.8949"W	10306.99	340.887	0.66	-0.27	-0.61	

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# Actual Wellpath Report

Skinner Hollow Unit 1H AWP Proj: 24484'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

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
16271.00	89.600	340.290	6910.96	10400.98	9827.43	-3406.20	1695416.11	14373350.62	39°34'49.7519"N	80°48'17.2930"W	10400.99	340.884	0.49	-0.13	-0.47	
16460.00	89.820	340.970	6911.92	10589.98	10005.73	-3468.88	1695353.45	14373528.84	39°34'51.5154"N	80°48'18.0886"W	10589.98	340.879	0.38	0.12	0.36	
16554.00	89.820	340.830	6912.21	10683.98	10094.55	-3499.64	1695322.70	14373617.63	39°34'52.3940"N	80°48'18.4790"W	10683.98	340.879	0.15	0.00	-0.15	
16649.00	89.880	340.940	6912.46	10778.98	10184.31	-3530.75	1695291.60	14373707.36	39°34'53.2818"N	80°48'18.8738"W	10778.98	340.879	0.13	0.06	0.12	
16743.00	90.000	341.270	6912.56	10872.97	10273.25	-3561.19	1695261.18	14373796.26	39°34'54.1614"N	80°48'19.2601"W	10872.98	340.881	0.37	0.13	0.35	
16837.00	89.850	340.860	6912.68	10966.97	10362.16	-3591.69	1695230.69	14373885.14	39°34'55.0408"N	80°48'19.6472"W	10966.98	340.883	0.46	-0.16	-0.44	
16932.00	89.940	340.990	6912.86	11061.97	10451.94	-3622.74	1695199.65	14373974.88	39°34'55.9288"N	80°48'20.0413"W	11061.98	340.883	0.17	0.09	0.14	
17026.00	89.600	340.110	6913.23	11155.97	10540.58	-3654.04	1695168.36	14374063.48	39°34'56.8054"N	80°48'20.4386"W	11155.98	340.880	1.00	-0.36	-0.94	
17121.00	89.850	340.960	6913.69	11250.97	10630.15	-3685.70	1695136.72	14374153.01	39°34'57.6913"N	80°48'20.8404"W	11250.97	340.877	0.93	0.26	0.89	
17215.00	89.570	340.530	6914.17	11344.96	10718.89	-3716.69	1695105.74	14374241.72	39°34'58.5690"N	80°48'21.2339"W	11344.97	340.876	0.55	-0.30	-0.46	
17309.00	89.750	340.730	6914.72	11438.96	10807.56	-3747.87	1695074.57	14374330.36	39°34'59.4461"N	80°48'21.6296"W	11438.97	340.874	0.29	0.19	0.21	
17404.00	89.660	340.690	6915.21	11533.96	10897.23	-3779.25	1695043.20	14374419.99	39°35'0.3330"N	80°48'22.0279"W	11533.97	340.873	0.10	-0.09	-0.04	
17498.00	90.220	341.450	6915.31	11627.96	10986.14	-3809.75	1695012.72	14374508.87	39°35'1.2124"N	80°48'22.4150"W	11627.96	340.875	1.00	0.60	0.81	
17593.00	89.020	340.290	6915.94	11722.95	11075.89	-3840.88	1694981.60	14374598.58	39°35'2.1001"N	80°48'22.8101"W	11722.96	340.875	1.76	-1.26	-1.22	
17687.00	89.910	340.700	6916.82	11816.94	11164.49	-3872.26	1694950.23	14374687.15	39°35'2.9764"N	80°48'23.2085"W	11816.95	340.872	1.04	0.95	0.44	
17782.00	89.690	340.930	6917.15	11911.94	11254.22	-3903.48	1694919.02	14374776.84	39°35'3.8638"N	80°48'23.6048"W	11911.95	340.871	0.34	-0.23	0.24	
17876.00	90.310	341.230	6917.15	12005.94	11343.14	-3933.96	1694888.56	14374865.72	39°35'4.7433"N	80°48'23.9916"W	12005.95	340.873	0.73	0.66	0.32	
17970.00	89.690	341.150	6917.15	12099.94	11432.12	-3964.27	1694858.26	14374954.67	39°35'5.6233"N	80°48'24.3763"W	12099.95	340.875	0.67	-0.66	-0.09	
18159.00	89.910	341.130	6917.81	12288.94	11610.97	-4025.36	1694797.19	14375133.45	39°35'7.3922"N	80°48'25.1517"W	12288.94	340.879	0.12	0.12	-0.01	
18253.00	89.880	341.020	6917.98	12382.94	11699.89	-4055.85	1694766.71	14375222.33	39°35'8.2717"N	80°48'25.5387"W	12382.94	340.881	0.12	-0.03	-0.12	
18347.00	90.120	341.130	6917.98	12476.94	11788.81	-4086.34	1694736.24	14375311.21	39°35'9.1511"N	80°48'25.9256"W	12476.94	340.882	0.28	0.26	0.12	
18441.00	89.290	340.530	6918.47	12570.93	11877.59	-4117.20	1694705.39	14375399.96	39°35'10.0293"N	80°48'26.3174"W	12570.94	340.882	1.09	-0.88	-0.64	
18535.00	89.660	341.280	6919.33	12664.93	11966.42	-4147.95	1694674.65	14375488.75	39°35'10.9078"N	80°48'26.7077"W	12664.94	340.882	0.89	0.39	0.80	
18630.00	89.540	341.010	6919.99	12759.93	12056.32	-4178.65	1694643.96	14375578.62	39°35'11.7969"N	80°48'27.0974"W	12759.93	340.884	0.31	-0.13	-0.28	
18724.00	89.540	341.250	6920.75	12853.92	12145.26	-4209.05	1694613.57	14375667.53	39°35'12.6766"N	80°48'27.4833"W	12853.93	340.886	0.26	0.00	0.26	
18819.00	89.510	341.350	6921.53	12948.92	12235.24	-4239.51	1694583.13	14375757.47	39°35'13.5666"N	80°48'27.8698"W	12948.92	340.889	0.11	-0.03	0.11	
18913.00	89.480	341.210	6922.36	13042.91	12324.27	-4269.68	1694552.97	14375846.46	39°35'14.4471"N	80°48'28.2527"W	13042.92	340.892	0.15	-0.03	-0.15	
19007.00	89.510	340.950	6923.19	13136.91	12413.18	-4300.16	1694522.50	14375935.34	39°35'15.3265"N	80°48'28.6396"W	13136.91	340.893	0.28	0.03	-0.28	
19102.00	89.380	340.960	6924.11	13231.90	12502.98	-4331.16	1694491.52	14376025.10	39°35'16.2146"N	80°48'29.0331"W	13231.91	340.893	0.14	-0.14	0.01	
19197.00	89.570	340.960	6924.98	13326.90	12592.78	-4362.15	1694460.54	14376114.87	39°35'17.1028"N	80°48'29.4264"W	13326.90	340.894	0.20	0.20	0.00	

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# Actual Wellpath Report

Skinner Hollow Unit 1H AWP Proj: 24484'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

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
19291.00	89.510	341.300	6925.74	13420.90	12681.72	-4392.55	1694430.15	14376203.77	39°35'17.9825"N	80°48'29.8123"W	13420.90	340.896	0.37	-0.06	0.36	
19386.00	89.450	341.130	6926.60	13515.89	12771.66	-4423.14	1694399.57	14376293.67	39°35'18.8720"N	80°48'30.2006"W	13515.89	340.898	0.19	-0.06	-0.18	
19480.00	89.480	341.700	6927.48	13609.88	12860.75	-4453.09	1694369.63	14376382.73	39°35'19.7531"N	80°48'30.5808"W	13609.89	340.901	0.61	0.03	0.61	
19575.00	89.480	341.800	6928.34	13704.87	12950.97	-4482.84	1694339.89	14376472.91	39°35'20.6454"N	80°48'30.9584"W	13704.87	340.907	0.11	0.00	0.11	
19669.00	89.480	341.060	6929.19	13798.86	13040.07	-4512.78	1694309.97	14376561.98	39°35'21.5266"N	80°48'31.3383"W	13798.86	340.911	0.79	0.00	-0.79	
19763.00	89.420	341.040	6930.09	13892.86	13128.97	-4543.30	1694279.46	14376650.85	39°35'22.4059"N	80°48'31.7258"W	13892.86	340.912	0.07	-0.06	-0.02	
19858.00	89.510	341.040	6930.98	13987.85	13218.82	-4574.17	1694248.60	14376740.65	39°35'23.2945"N	80°48'32.1176"W	13987.85	340.913	0.09	0.09	0.00	
19952.00	89.510	341.480	6931.78	14081.85	13307.83	-4604.37	1694218.42	14376829.63	39°35'24.1748"N	80°48'32.5009"W	14081.85	340.915	0.47	0.00	0.47	
20047.00	89.480	341.160	6932.62	14176.84	13397.82	-4634.79	1694188.00	14376919.59	39°35'25.0649"N	80°48'32.8871"W	14176.84	340.918	0.34	-0.03	-0.34	
20141.00	89.570	340.990	6933.40	14270.84	13486.74	-4665.28	1694157.53	14377008.47	39°35'25.9443"N	80°48'33.2741"W	14270.84	340.919	0.20	0.10	-0.18	
20236.00	89.540	340.910	6934.14	14365.84	13576.53	-4696.28	1694126.54	14377098.23	39°35'26.8324"N	80°48'33.6677"W	14365.84	340.919	0.09	-0.03	-0.08	
20331.00	89.570	341.240	6934.88	14460.83	13666.39	-4727.09	1694095.74	14377188.05	39°35'27.7212"N	80°48'34.0588"W	14460.83	340.920	0.35	0.03	0.35	
20425.00	89.480	341.080	6935.66	14554.83	13755.35	-4757.45	1694065.40	14377276.98	39°35'28.6010"N	80°48'34.4441"W	14554.83	340.921	0.20	-0.10	-0.17	
20519.00	89.570	341.220	6936.43	14648.82	13844.31	-4787.82	1694035.04	14377365.90	39°35'29.4808"N	80°48'34.8297"W	14648.83	340.923	0.18	0.10	0.15	
20613.00	89.540	341.090	6937.16	14742.82	13933.27	-4818.18	1694004.69	14377454.82	39°35'30.3607"N	80°48'35.2151"W	14742.82	340.924	0.14	-0.03	-0.14	
20708.00	89.380	341.330	6938.06	14837.82	14023.20	-4848.78	1693974.10	14377544.72	39°35'31.2501"N	80°48'35.6035"W	14837.82	340.926	0.30	-0.17	0.25	
20802.00	89.570	340.530	6938.92	14931.81	14112.04	-4879.49	1693943.40	14377633.52	39°35'32.1287"N	80°48'35.9934"W	14931.81	340.926	0.87	0.20	-0.85	
20897.00	89.450	340.220	6939.73	15026.80	14201.52	-4911.39	1693911.51	14377722.96	39°35'33.0137"N	80°48'36.3985"W	15026.80	340.923	0.35	-0.13	-0.33	
20991.00	89.540	340.530	6940.56	15120.79	14290.05	-4942.96	1693879.95	14377811.46	39°35'33.8894"N	80°48'36.7994"W	15120.80	340.919	0.34	0.10	0.33	
21086.00	89.970	340.180	6940.97	15215.79	14379.52	-4974.90	1693848.03	14377900.90	39°35'34.7743"N	80°48'37.2049"W	15215.79	340.916	0.58	0.45	-0.37	
21180.00	90.060	340.020	6940.94	15309.78	14467.91	-5006.90	1693816.05	14377989.25	39°35'35.6485"N	80°48'37.6113"W	15309.78	340.911	0.20	0.10	-0.17	
21275.00	89.910	340.350	6940.97	15404.77	14557.28	-5039.10	1693783.86	14378078.59	39°35'36.5325"N	80°48'38.0202"W	15404.77	340.906	0.38	-0.16	0.35	
21369.00	90.460	340.250	6940.67	15498.76	14645.78	-5070.79	1693752.18	14378167.05	39°35'37.4078"N	80°48'38.4226"W	15498.77	340.903	0.59	0.59	-0.11	
21464.00	90.280	340.240	6940.05	15593.75	14735.19	-5102.90	1693720.09	14378256.42	39°35'38.2921"N	80°48'38.8304"W	15593.76	340.899	0.19	-0.19	-0.01	
21558.00	90.180	340.210	6939.67	15687.75	14823.64	-5134.70	1693688.30	14378344.84	39°35'39.1670"N	80°48'39.2342"W	15687.75	340.895	0.11	-0.11	-0.03	
21653.00	90.120	340.080	6939.43	15782.74	14913.00	-5166.96	1693656.04	14378434.16	39°35'40.0508"N	80°48'39.6440"W	15782.74	340.890	0.15	-0.06	-0.14	
21747.00	90.310	339.900	6939.07	15876.72	15001.32	-5199.13	1693623.89	14378522.45	39°35'40.9244"N	80°48'40.0525"W	15876.73	340.885	0.28	0.20	-0.19	
21842.00	90.150	340.010	6938.69	15971.71	15090.56	-5231.69	1693591.34	14378611.66	39°35'41.8070"N	80°48'40.4660"W	15971.72	340.879	0.20	-0.17	0.12	
21936.00	90.220	340.000	6938.39	16065.69	15178.90	-5263.83	1693559.21	14378699.96	39°35'42.6807"N	80°48'40.8743"W	16065.71	340.874	0.08	0.07	-0.01	
22030.00	90.120	339.900	6938.11	16159.68	15267.20	-5296.06	1693527.00	14378788.22	39°35'43.5541"N	80°48'41.2836"W	16159.69	340.869	0.15	-0.11	-0.11	

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# Actual Wellpath Report

Skinner Hollow Unit 1H AWP Proj: 24484'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

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
22125.00	90.310	339.950	6937.75	16254.66	15356.43	-5328.67	1693494.40	14378877.42	39°35'44.4366"N	80°48'41.6977"W	16254.68	340.863	0.21	0.20	0.05	
22219.00	90.120	339.650	6937.40	16348.65	15444.65	-5361.13	1693461.96	14378965.60	39°35'45.3092"N	80°48'42.1100"W	16348.66	340.857	0.38	-0.20	-0.32	
22314.00	90.310	340.250	6937.04	16443.63	15533.89	-5393.70	1693429.40	14379054.80	39°35'46.1918"N	80°48'42.5237"W	16443.65	340.852	0.66	0.20	0.63	
22408.00	90.920	340.430	6936.03	16537.62	15622.40	-5425.32	1693397.79	14379143.28	39°35'47.0673"N	80°48'42.9253"W	16537.64	340.849	0.68	0.65	0.19	
22503.00	90.710	340.280	6934.68	16632.60	15711.86	-5457.25	1693365.87	14379232.71	39°35'47.9521"N	80°48'43.3308"W	16632.63	340.846	0.27	-0.22	-0.16	
22598.00	90.620	340.210	6933.58	16727.59	15801.27	-5489.36	1693333.77	14379322.08	39°35'48.8364"N	80°48'43.7386"W	16727.62	340.843	0.12	-0.09	-0.07	
22692.00	90.980	340.100	6932.27	16821.57	15889.68	-5521.27	1693301.88	14379410.45	39°35'49.7108"N	80°48'44.1438"W	16821.60	340.839	0.40	0.38	-0.12	
22787.00	90.800	340.110	6930.79	16916.55	15978.99	-5553.59	1693269.57	14379499.73	39°35'50.5942"N	80°48'44.5544"W	16916.58	340.835	0.19	-0.19	0.01	
22882.00	90.770	340.210	6929.49	17011.53	16068.35	-5585.83	1693237.34	14379589.05	39°35'51.4780"N	80°48'44.9638"W	17011.56	340.831	0.11	-0.03	0.11	
22976.00	90.740	339.980	6928.25	17105.52	16156.72	-5617.83	1693205.35	14379677.39	39°35'52.3521"N	80°48'45.3703"W	17105.55	340.827	0.25	-0.03	-0.24	
23070.00	90.430	340.100	6927.29	17199.50	16245.07	-5649.92	1693173.28	14379765.71	39°35'53.2259"N	80°48'45.7778"W	17199.53	340.823	0.35	-0.33	0.13	
23165.00	90.550	340.410	6926.48	17294.49	16334.48	-5682.01	1693141.20	14379855.08	39°35'54.1102"N	80°48'46.1854"W	17294.53	340.820	0.35	0.13	0.33	
23259.00	90.340	340.110	6925.75	17388.48	16422.96	-5713.76	1693109.46	14379943.52	39°35'54.9853"N	80°48'46.5887"W	17388.52	340.817	0.39	-0.22	-0.32	
23353.00	90.520	340.320	6925.04	17482.47	16511.41	-5745.58	1693077.66	14380031.93	39°35'55.8601"N	80°48'46.9928"W	17482.51	340.813	0.29	0.19	0.22	
23447.00	89.780	340.160	6924.80	17576.46	16599.87	-5777.36	1693045.89	14380120.36	39°35'56.7350"N	80°48'47.3964"W	17576.51	340.810	0.81	-0.79	-0.17	
23542.00	89.970	340.390	6925.01	17671.45	16689.30	-5809.42	1693013.84	14380209.75	39°35'57.6195"N	80°48'47.8036"W	17671.50	340.807	0.31	0.20	0.24	
23636.00	89.880	340.240	6925.13	17765.45	16777.80	-5841.08	1692982.19	14380298.22	39°35'58.4949"N	80°48'48.2058"W	17765.50	340.805	0.19	-0.10	-0.16	
23731.00	89.780	339.870	6925.41	17860.44	16867.10	-5873.49	1692949.80	14380387.49	39°35'59.3781"N	80°48'48.6174"W	17860.49	340.801	0.40	-0.11	-0.39	
23825.00	89.820	340.110	6925.74	17954.42	16955.43	-5905.66	1692917.65	14380475.78	39°36'0.2517"N	80°48'49.0260"W	17954.48	340.797	0.26	0.04	0.26	
23919.00	90.000	340.200	6925.89	18048.41	17043.85	-5937.57	1692885.75	14380564.16	39°36'1.1262"N	80°48'49.4313"W	18048.47	340.793	0.21	0.19	0.10	
24014.00	89.940	340.410	6925.94	18143.41	17133.29	-5969.58	1692853.74	14380653.57	39°36'2.0109"N	80°48'49.8379"W	18143.47	340.791	0.23	-0.06	0.22	
24108.00	89.780	340.180	6926.17	18237.40	17221.78	-6001.28	1692822.06	14380742.03	39°36'2.8861"N	80°48'50.2405"W	18237.47	340.788	0.30	-0.17	-0.24	
24202.00	89.910	340.050	6926.42	18331.39	17310.18	-6033.25	1692790.10	14380830.39	39°36'3.7604"N	80°48'50.6466"W	18331.46	340.785	0.20	0.14	-0.14	
24297.00	89.910	340.080	6926.57	18426.38	17399.49	-6065.64	1692757.72	14380919.66	39°36'4.6437"N	80°48'51.0580"W	18426.45	340.781	0.03	0.00	0.03	
24391.00	89.940	340.120	6926.69	18520.37	17487.87	-6097.64	1692725.74	14381008.01	39°36'5.5179"N	80°48'51.4645"W	18520.44	340.777	0.05	0.03	0.04	
24459.00	89.850	340.430	6926.82	18588.36	17551.88	-6120.59	1692702.80	14381072.00	39°36'6.1510"N	80°48'51.7560"W	18588.44	340.776	0.47	-0.13	0.46	
24484.00	89.850	340.430	6926.88	18613.36	17575.44	-6128.96	1692694.43	14381095.54	39°36'6.3840"N	80°48'51.8623"W	18613.44	340.775	0.00	0.00	0.00	Projected MD at TD: 24484'

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**Actual Wellpath Report**  
 Skinner Hollow Unit 1H AWP Proj: 24484'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

HOLE & CASING SECTIONS - Ref Wellbore: Skinner Hollow Unit 1H AWB Ref Wellpath: Skinner Hollow Unit 1H AWP Proj: 24484'									
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	0.06	0.17
17.5in Open Hole	125.50	570.00	444.50	125.50	569.99	0.06	0.17	-0.57	2.55
13.375in Casing Surface	25.50	554.00	528.50	25.50	553.99	0.00	0.00	-0.49	2.54
12.25in Open Hole	570.00	3434.00	2864.00	569.99	3432.18	-0.57	2.55	-10.95	-55.07
9.625in Casing Intermediate	25.50	3404.00	3378.50	25.50	3402.19	0.00	0.00	-11.70	-54.61
8.75in Open Hole	3434.00	7585.00	4151.00	3432.18	6912.54	-10.95	-55.07	1608.23	-600.21
8.5in Open Hole	7585.00	24484.00	16899.00	6912.54	6926.88	1608.23	-600.21	17575.44	-6128.96
5.5in Casing Production	25.50	24464.00	24438.50	25.50	6926.83	0.00	0.00	17556.59	-6122.26

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# Actual Wellpath Report

Skinner Hollow Unit 1H AWP Proj: 24484\*  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Skinner Hollow Unit 1H POE Rev-4	6892.00	1318.29	-480.97	1698340.17	14364844.86	39°33'25.5898"N	80°47'40.1818"W	point
Skinner Hollow Unit 1H POE Rev-2	6908.00	1135.07	-417.67	1698403.45	14364661.72	39°33'23.7776"N	80°47'39.3789"W	point
Skinner Hollow Unit 1H BHL Rev-3	6919.00	17691.16	-6137.87	1692685.52	14381211.22	39°36'7.5279"N	80°48'51.9732"W	point
Skinner Hollow Unit 1H BHL Rev-4	6919.00	17573.91	-6097.36	1692726.01	14381094.02	39°36'6.3682"N	80°48'51.4587"W	point
Skinner Hollow Unit 1H LP Rev-3	6919.00	1502.40	-544.58	1698276.58	14365028.91	39°33'27.4109"N	80°47'40.9886"W	point
Skinner Hollow Unit 1H 50' L/R Hard Line R-2	7250.00	9446.10	-3289.17	1695533.09	14372969.44	39°34'45.9807"N	80°48'15.8089"W	rectangle
2D Rectangle 17198.5 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Skinner Hollow Unit 1H AWB Ref Wellpath: Skinner Hollow Unit 1H AWP Proj: 24484*					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
25.50	553.00	Gyrodata 2015 - GC+WIR+DPIPE	01 Gyrodata MS Gyro <17-1/2"> (100'-553')	Skinner Hollow Unit 1H AWB	4/19/2023
553.00	3360.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (553')(586'-3360')	Skinner Hollow Unit 1H AWB	4/19/2023
3360.00	7518.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (3360')(3460'-7518')	Skinner Hollow Unit 1H AWB	5/26/2023
7518.00	24484.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (7518')(7565'-24459')	Skinner Hollow Unit 1H AWB	5/26/2023

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Skinner Hollow Unit 1H AWP Proj: 24484'  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	ANTERO RESOURCES CORPORATION	Well	Skinner Hollow Unit 1H
Field	Wetzel	API	47-103-03558-0000
Facility	Ingold Pad	Wellbore	Skinner Hollow Unit 1H AWB
Slot	Slot D		

**COMMENTS**

Wellpath general comments  
API: 47-103-03558-0000  
BH Job #: 111779818  
Rig: H&P 317  
Duration: 5/30/2023-6/4/2023  
Gyrodatta MS Gyro <17-1/2"> (100'-553')  
APS EM <12-1/4"> (553')(586'-3360')  
APS EM <8-3/4"> (3360')(3460'-7518')  
BH AT Curve <8-1/2"> (7518')(7565'-24459')  
Projected MD at TD: 24484'

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