



ANTERO RESOURCES CORPORATION

Location: Tyler County, WV
Field: Tyler
Facility: Shinn Pad

Slot: Slot E
Well: Acadia Unit 2H
Wellbore: Acadia Unit 2H PWB

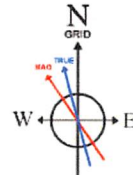
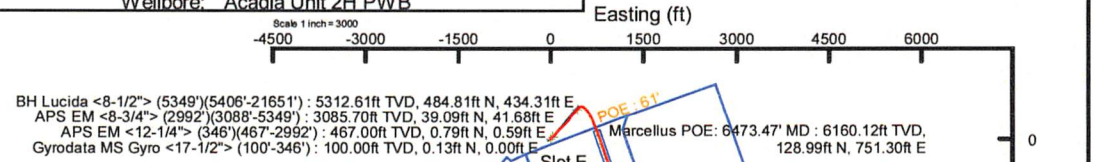
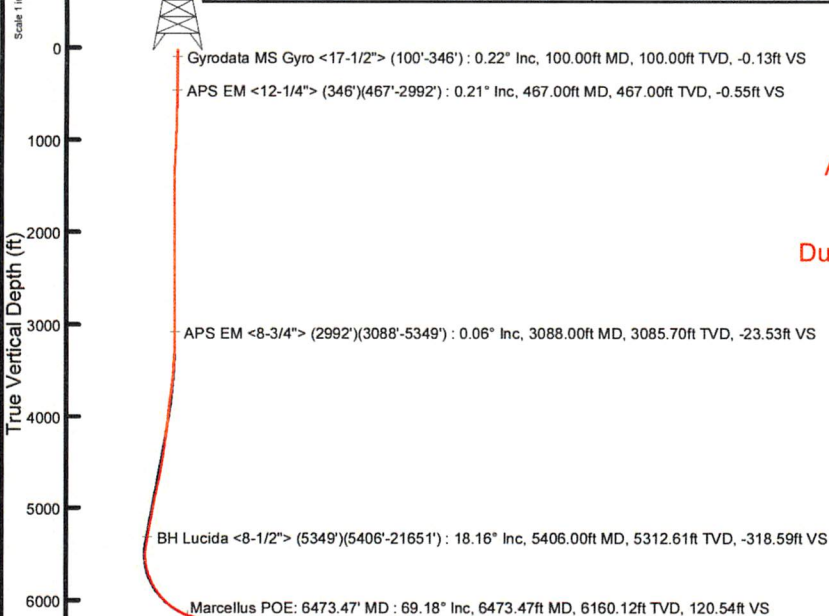


Plot reference wellpath is Acadia Unit 2H PWB Rev-B.0	Grid System: NAD2011 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 519 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 519 (RKB)	Scale: True distance
H&P 519 (RKB) to Mean Sea Level: 1009 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot E): -1036 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: edwary on 2025-01-23, Database: WA_MPL_EASTERNUS_Gels

Location Information				
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Shinn Pad	1655203.580	14363830.010	39°33'16.1672"N	80°56'51.1437"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Slot E	7.07	13.23	1655216.800	14363837.080
Comment	Acadia Unit 2H			
H&P 519 (RKB) to Ground level (At Slot: Slot E)	30ft			
Mean Sea Level to Ground level (At Slot: Slot E)	-1036ft			
H&P 519 (RKB) to Mean Sea Level	1066ft			

Well Profile Data							
Design Comment	MD (ft)	Inc. (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	VS (ft)
Tie On	2992.00	0.240	219.270	2989.70	39.19	41.82	-23.59
Proj. to Bottom	3077.00	0.240	219.270	3074.70	38.92	41.59	-23.40
KOP 1	3157.00	0.240	219.270	3154.70	38.66	41.38	-23.22
Build	4162.47	19.869	39.723	4140.37	169.80	150.37	-112.14
Curve KOP	5477.54	19.869	39.723	5377.16	513.58	436.01	-345.26
POE	6477.64	68.880	161.160	6159.00	140.07	747.61	108.86
Landing Pt	6729.14	89.000	161.160	6207.00	-92.34	826.91	354.43
BHL	21704.47	89.000	161.160	6468.36	-14263.23	5661.99	15327.47

Well Data			
Slot	Well	Wellbore	Wellpath
Slot E	Acadia Unit 2H	Acadia Unit 2H AWB	Acadia Unit 2H AWP Proj: 21676'
Slot E	Acadia Unit 2H	Acadia Unit 2H PWB	Acadia Unit 2H PWB Rev-B.0



User specified (HDGM) Dip: 66.04° Field: 51138 nT
Magnetic North is 7.44 degrees West of True North (at 12/31/2024)
Grid North is 0.03 degrees East of True North
To correct azimuth from True to Grid subtract 0.03 degrees
To correct azimuth from Magnetic to Grid subtract 7.47 degrees

API: 47-095-02898-0000
BH Job #: 112499965
Rig: H&P 519
Duration: 1/6/2025-1/10/2025

Projected MD at TD: 21676': 6320.92ft TVD, 14249.89ft S, 5663.05ft E BHL: 54'

Projected MD at TD: 21676': 90.18° Inc, 21676.00ft MD, 6320.92ft TVD, 15315.18ft VS

Scale 1 inch = 2000'



Actual Wellpath Report

Acadia Unit 2H AWP Proj: 21676'

Page 1 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Acadia Unit 2H
Field	Tyler	API	47-095-02898-0000
Facility	Shinn Pad	Wellbore	Acadia Unit 2H AWB
Slot	Slot E		

REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999600	Report Generated	1/23/2025 at 4:04:19 PM
Convergence at slot	0.03° 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	7.07	13.23	1655216.80	14363837.08	39°33'16.2370"N	80°56'50.9748"W
Facility Reference Pt			1655203.58	14363830.01	39°33'16.1672"N	80°56'51.1437"W
Field Reference Pt			0.00	0.00	0°00'0.0000"	85°29'19.3013"W

WELLPATH DATUM

Calculation method	Minimum curvature	H&P 519 (RKB) to Facility Vertical Datum	1066.00ft
Horizontal Reference Pt	Slot	H&P 519 (RKB) to Mean Sea Level	1066.00ft
Vertical Reference Pt	H&P 519 (RKB)	H&P 519 (RKB) to Ground Level at Slot (Slot E)	30.00ft
MD Reference Pt	H&P 519 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	161.16°



Actual Wellpath Report

Acadia Unit 2H AWP Proj: 21676'

Page 2 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Acadia Unit 2H
Field	Tyler	API	47-095-02898-0000
Facility	Shinn Pad	Wellbore	Acadia Unit 2H AWP
Slot	Slot E		

WELLPATH DATA (239 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	0.00	0.05	0.00	0.00	0.00	0.00	1655216.80	14363837.08	39°33'16.2370"N	80°56'50.9748"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.00	0.05	30.00	0.00	0.00	0.00	1655216.80	14363837.08	39°33'16.2370"N	80°56'50.9748"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.220	0.050	100.00	-0.13	0.13	0.00	1655216.80	14363837.21	39°33'16.2384"N	80°56'50.9748"W	0.13	0.050	0.31	0.31	0.00	Gyrodatta MS Gyro <17-1/2"> (100'-346')
200.00	0.300	340.310	200.00	-0.57	0.57	-0.09	1655216.71	14363837.65	39°33'16.2427"N	80°56'50.9759"W	0.58	351.274	0.12	0.08	-19.74	
300.00	0.250	68.480	300.00	-0.84	0.90	0.03	1655216.83	14363837.98	39°33'16.2459"N	80°56'50.9744"W	0.90	1.708	0.38	-0.05	88.17	
346.00	0.200	121.810	346.00	-0.79	0.89	0.19	1655216.99	14363837.97	39°33'16.2459"N	80°56'50.9724"W	0.91	11.903	0.45	-0.11	115.93	
467.00	0.210	89.340	467.00	-0.55	0.79	0.59	1655217.39	14363837.86	39°33'16.2448"N	80°56'50.9672"W	0.98	36.906	0.10	0.01	-26.83	APS EM <12-1/4"> (346')(467'-2992')
557.00	0.260	73.890	557.00	-0.49	0.84	0.95	1655217.75	14363837.92	39°33'16.2454"N	80°56'50.9626"W	1.27	48.413	0.09	0.06	-17.17	
647.00	1.710	51.820	646.98	-0.93	1.73	2.20	1655219.00	14363838.81	39°33'16.2541"N	80°56'50.9466"W	2.80	51.845	1.64	1.61	-24.52	
738.00	3.560	46.490	737.88	-2.56	4.52	5.32	1655222.12	14363841.59	39°33'16.2816"N	80°56'50.9068"W	6.98	49.674	2.05	2.03	-5.86	
828.00	4.110	47.050	827.68	-5.04	8.64	9.71	1655226.50	14363845.71	39°33'16.3223"N	80°56'50.8508"W	12.99	48.338	0.61	0.61	0.62	
919.00	4.100	46.550	918.45	-7.73	13.10	14.45	1655231.25	14363850.17	39°33'16.3664"N	80°56'50.7901"W	19.50	47.825	0.04	-0.01	-0.55	
1008.00	5.070	47.720	1007.16	-10.62	17.93	19.67	1655236.47	14363855.00	39°33'16.4141"N	80°56'50.7235"W	26.62	47.657	1.09	1.09	1.31	
1103.00	5.430	45.500	1101.76	-14.23	23.90	25.99	1655242.78	14363860.97	39°33'16.4731"N	80°56'50.6428"W	35.31	47.390	0.44	0.38	-2.34	
1197.00	5.430	47.340	1195.34	-17.95	30.04	32.43	1655249.22	14363867.10	39°33'16.5337"N	80°56'50.5605"W	44.20	47.195	0.19	0.00	1.96	
1291.00	4.450	46.780	1288.99	-21.26	35.55	38.36	1655255.14	14363872.61	39°33'16.5881"N	80°56'50.4848"W	52.30	47.178	1.04	-1.04	-0.60	
1386.00	2.550	47.840	1383.81	-23.61	39.49	42.61	1655259.39	14363876.55	39°33'16.6271"N	80°56'50.4305"W	58.10	47.177	2.00	-2.00	1.12	
1480.00	1.190	32.190	1477.76	-25.06	41.72	44.68	1655261.46	14363878.78	39°33'16.6491"N	80°56'50.4040"W	61.13	46.963	1.53	-1.45	-16.65	
1575.00	1.230	23.970	1572.73	-26.42	43.49	45.62	1655262.40	14363880.55	39°33'16.6665"N	80°56'50.3920"W	63.03	46.372	0.19	0.04	-8.65	
1670.00	0.220	37.110	1667.73	-27.27	44.56	46.14	1655262.93	14363881.62	39°33'16.6772"N	80°56'50.3853"W	64.15	45.999	1.07	-1.06	13.83	
1764.00	0.300	219.800	1761.73	-27.25	44.52	46.10	1655262.88	14363881.58	39°33'16.6767"N	80°56'50.3859"W	64.08	45.998	0.55	0.09	-188.63	
1858.00	0.260	198.770	1855.72	-26.95	44.13	45.87	1655262.65	14363881.19	39°33'16.6729"N	80°56'50.3888"W	63.65	46.110	0.12	-0.04	-22.37	
1953.00	0.440	219.700	1950.72	-26.59	43.64	45.57	1655262.35	14363880.70	39°33'16.6681"N	80°56'50.3927"W	63.10	46.236	0.23	0.19	22.03	
2047.00	0.450	201.690	2044.72	-26.12	43.02	45.20	1655261.98	14363880.08	39°33'16.6620"N	80°56'50.3974"W	62.40	46.415	0.15	0.01	-19.16	
2141.00	0.330	201.640	2138.72	-25.63	42.43	44.96	1655261.75	14363879.49	39°33'16.6561"N	80°56'50.4004"W	61.82	46.663	0.13	-0.13	-0.05	
2236.00	0.160	223.670	2233.72	-25.36	42.08	44.77	1655261.55	14363879.14	39°33'16.6526"N	80°56'50.4029"W	61.44	46.778	0.20	-0.18	23.19	
2330.00	0.340	191.620	2327.72	-25.06	41.71	44.62	1655261.41	14363878.77	39°33'16.6490"N	80°56'50.4047"W	61.08	46.935	0.24	0.19	-34.10	
2425.00	0.430	227.010	2422.71	-24.67	41.19	44.31	1655261.09	14363878.25	39°33'16.6438"N	80°56'50.4088"W	60.50	47.089	0.26	0.09	37.25	
2520.00	0.440	229.610	2517.71	-24.39	40.71	43.77	1655260.55	14363877.77	39°33'16.6391"N	80°56'50.4157"W	59.77	47.074	0.02	0.01	2.74	
2614.00	0.440	246.360	2611.71	-24.23	40.33	43.16	1655259.95	14363877.39	39°33'16.6354"N	80°56'50.4234"W	59.07	46.943	0.14	0.00	17.82	



Actual Wellpath Report

Acadia Unit 2H AWP Proj: 21676'

Page 3 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Acadia Unit 2H
Field	Tyler	API	47-095-02898-0000
Facility	Shinn Pad	Wellbore	Acadia Unit 2H AWP
Slot	Slot E		

WELLPATH DATA (239 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
2708.00	0.390	216.440	2705.71	-24.02	39.93	42.64	1655259.43	14363876.99	39°33'16.6314"N	80°56'50.4301"W	58.42	46.882	0.23	-0.05	-31.83	
2803.00	0.100	219.520	2800.70	-23.79	39.60	42.40	1655259.18	14363876.67	39°33'16.6282"N	80°56'50.4332"W	58.02	46.951	0.31	-0.31	3.24	
2898.00	0.270	244.030	2895.70	-23.72	39.44	42.14	1655258.93	14363876.51	39°33'16.6266"N	80°56'50.4364"W	57.72	46.896	0.19	0.18	25.80	
2992.00	0.240	219.270	2989.70	-23.59	39.19	41.82	1655258.60	14363876.26	39°33'16.6241"N	80°56'50.4406"W	57.32	46.857	0.12	-0.03	-26.34	
3088.00	0.060	343.320	3085.70	-23.53	39.09	41.68	1655258.46	14363876.15	39°33'16.6231"N	80°56'50.4424"W	57.14	46.838	0.29	-0.19	129.22	APS EM <8-3/4"> (2992')(3088'-5349')
3183.00	1.520	45.640	3180.69	-24.13	40.01	42.56	1655259.35	14363877.08	39°33'16.6323"N	80°56'50.4311"W	58.42	46.769	1.57	1.54	65.60	
3277.00	4.940	46.660	3274.53	-26.34	43.67	46.40	1655263.18	14363880.73	39°33'16.6683"N	80°56'50.3821"W	63.72	46.740	3.64	3.64	1.09	
3371.00	8.190	44.770	3367.90	-31.00	51.20	54.06	1655270.84	14363888.26	39°33'16.7427"N	80°56'50.2842"W	74.46	46.558	3.46	3.46	-2.01	
3465.00	8.100	41.070	3460.95	-37.29	60.94	63.13	1655279.90	14363898.00	39°33'16.8390"N	80°56'50.1684"W	87.75	46.008	0.57	-0.10	-3.94	
3560.00	9.250	38.340	3554.86	-44.79	71.98	72.26	1655289.03	14363909.03	39°33'16.9480"N	80°56'50.0517"W	101.99	45.112	1.29	1.21	-2.87	
3654.00	11.300	35.630	3647.35	-54.24	85.39	82.31	1655299.08	14363922.44	39°33'17.0805"N	80°56'49.9232"W	118.61	43.949	2.24	2.18	-2.88	
3748.00	11.840	37.180	3739.44	-64.98	100.56	93.51	1655310.27	14363937.60	39°33'17.2303"N	80°56'49.7802"W	137.32	42.919	0.66	0.57	1.65	
3843.00	12.300	36.740	3832.34	-76.14	116.43	105.45	1655322.21	14363953.47	39°33'17.3872"N	80°56'49.6276"W	157.09	42.166	0.49	0.48	-0.46	
3937.00	12.580	40.860	3924.14	-86.97	132.20	118.14	1655334.89	14363969.23	39°33'17.5429"N	80°56'49.4656"W	177.29	41.784	0.99	0.30	4.38	
4031.00	13.040	45.640	4015.80	-96.70	147.36	132.42	1655349.16	14363984.38	39°33'17.6926"N	80°56'49.2831"W	198.11	41.943	1.23	0.49	5.09	
4126.00	14.350	47.700	4108.10	-106.01	162.77	148.79	1655365.53	14363999.79	39°33'17.8449"N	80°56'49.0740"W	220.53	42.429	1.47	1.38	2.17	
4220.00	17.260	47.020	4198.53	-116.35	180.13	167.61	1655384.34	14364017.13	39°33'18.0163"N	80°56'48.8336"W	246.04	42.939	3.10	3.10	-0.72	
4314.00	20.260	47.950	4287.53	-128.47	200.54	189.90	1655406.63	14364037.54	39°33'18.2179"N	80°56'48.5488"W	276.18	43.440	3.21	3.19	0.99	
4408.00	19.220	46.190	4376.01	-141.42	222.15	213.15	1655429.87	14364059.14	39°33'18.4314"N	80°56'48.2518"W	307.87	43.816	1.27	-1.11	-1.87	
4502.00	20.100	45.060	4464.53	-155.05	244.27	235.75	1655452.46	14364081.25	39°33'18.6499"N	80°56'47.9631"W	339.48	43.983	1.02	0.94	-1.20	
4597.00	20.140	42.930	4553.73	-169.97	267.78	258.45	1655475.14	14364104.75	39°33'18.8820"N	80°56'47.6732"W	372.15	43.984	0.77	0.04	-2.24	
4691.00	20.970	38.970	4641.75	-186.59	292.70	280.05	1655496.74	14364129.67	39°33'19.1283"N	80°56'47.3972"W	405.10	43.734	1.72	0.88	-4.21	
4785.00	20.870	35.420	4729.56	-205.33	319.43	300.33	1655517.01	14364156.38	39°33'19.3923"N	80°56'47.1381"W	438.44	43.235	1.35	-0.11	-3.78	
4879.00	18.530	31.560	4818.05	-224.63	345.81	317.86	1655534.53	14364182.75	39°33'19.6529"N	80°56'46.9141"W	469.70	42.589	2.85	-2.49	-4.11	
4974.00	18.480	36.480	4908.14	-242.82	370.78	334.71	1655551.38	14364207.71	39°33'19.8995"N	80°56'46.6988"W	499.51	42.074	1.64	-0.05	5.18	
5068.00	20.960	42.360	4996.63	-259.40	395.18	354.90	1655571.56	14364232.11	39°33'20.1407"N	80°56'46.4408"W	531.15	41.926	3.38	2.64	6.26	
5162.00	22.460	43.640	5083.96	-275.80	420.60	378.62	1655595.27	14364257.51	39°33'20.3917"N	80°56'46.1378"W	565.92	41.993	1.67	1.60	1.36	
5256.00	20.890	41.400	5171.32	-292.42	446.17	402.10	1655618.74	14364283.07	39°33'20.6443"N	80°56'45.8379"W	600.63	42.026	1.89	-1.67	-2.38	
5349.00	19.350	39.550	5258.64	-308.73	470.49	422.88	1655639.51	14364307.38	39°33'20.8845"N	80°56'45.5724"W	632.60	41.949	1.79	-1.66	-1.99	
5406.00	18.160	37.600	5312.61	-318.59	484.81	434.31	1655650.93	14364321.70	39°33'21.0260"N	80°56'45.4263"W	650.90	41.855	2.36	-2.09	-3.42	BH Lucida <8-1/2"> (5349')(5406'-21651')



Actual Wellpath Report

Acadia Unit 2H AWP Proj: 21676'

Page 4 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Acadia Unit 2H
Field	Tyler	API	47-095-02898-0000
Facility	Shinn Pad	Wellbore	Acadia Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (239 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
5500.00	19.020	43.750	5401.72	-333.74	507.48	453.84	1655670.46	14364344.36	39°33'21.2500"N	80°56'45.1768"W	680.82	41.806	2.28	0.91	6.54	
5594.00	19.160	65.220	5490.66	-342.40	525.03	478.47	1655695.08	14364361.90	39°33'21.4233"N	80°56'44.8622"W	710.35	42.343	7.43	0.15	22.84	
5688.00	17.180	92.880	5580.13	-338.85	530.81	506.39	1655722.99	14364367.68	39°33'21.4802"N	80°56'44.5057"W	733.62	43.651	9.32	-2.11	29.43	
5782.00	19.590	121.180	5669.50	-321.60	521.94	533.80	1655750.39	14364358.81	39°33'21.3924"N	80°56'44.1559"W	746.57	45.644	9.73	2.56	30.11	
5876.00	24.580	135.860	5756.64	-291.81	499.72	560.93	1655777.51	14364336.60	39°33'21.1726"N	80°56'43.8096"W	751.24	48.303	7.88	5.31	15.62	
5970.00	29.990	144.080	5840.18	-251.63	466.63	588.36	1655804.93	14364303.52	39°33'20.8454"N	80°56'43.4597"W	750.94	51.582	7.00	5.76	8.74	
6064.00	37.420	148.340	5918.34	-201.25	423.23	617.18	1655833.73	14364260.14	39°33'20.4162"N	80°56'43.0921"W	748.35	55.560	8.29	7.90	4.53	
6105.00†	40.397	150.280	5950.24	-176.05	401.08	630.31	1655846.85	14364238.00	39°33'20.1973"N	80°56'42.9247"W	747.10	57.530	7.84	7.26	4.73	Sycamore: 6105' MD
6159.00	44.360	152.500	5990.13	-140.19	369.12	647.71	1655864.25	14364206.06	39°33'19.8814"N	80°56'42.7028"W	745.50	60.321	7.84	7.34	4.11	
6250.00†	51.784	155.405	6050.90	-73.07	308.31	677.32	1655893.85	14364145.26	39°33'19.2801"N	80°56'42.3252"W	744.19	65.525	8.50	8.16	3.19	Middlesex: 6250' MD
6253.00	52.030	155.490	6052.75	-70.72	306.16	678.30	1655894.83	14364143.12	39°33'19.2589"N	80°56'42.3127"W	744.20	65.707	8.50	8.20	2.84	
6347.00	59.740	158.310	6105.44	6.83	234.61	708.73	1655925.24	14364071.59	39°33'18.5515"N	80°56'41.9248"W	746.55	71.684	8.57	8.20	3.00	
6405.00†	63.936	158.020	6132.80	57.88	187.15	727.74	1655944.25	14364024.16	39°33'18.0824"N	80°56'41.6824"W	751.42	75.578	7.25	7.23	-0.50	Burkett: 6405' MD
6441.00	66.540	157.850	6147.88	90.51	156.86	740.02	1655956.52	14363993.88	39°33'17.7830"N	80°56'41.5259"W	756.46	78.032	7.25	7.23	-0.47	
6473.47†	69.180	158.081	6160.12	120.54	128.99	751.30	1655967.80	14363966.01	39°33'17.5074"N	80°56'41.3821"W	762.30	80.258	8.16	8.13	0.71	Marcellus POE: 6473.47' MD
6479.00	69.630	158.120	6162.06	125.71	124.18	753.23	1655969.73	14363961.21	39°33'17.4599"N	80°56'41.3575"W	763.40	80.638	8.16	8.13	0.70	
6535.00	73.650	161.080	6179.70	178.82	74.38	771.74	1655988.23	14363911.43	39°33'16.9675"N	80°56'41.1216"W	775.32	84.495	8.76	7.18	5.29	
6630.00	82.470	160.630	6199.34	271.67	-13.34	802.20	1656018.67	14363823.75	39°33'16.1005"N	80°56'40.7334"W	802.31	90.953	9.30	9.28	-0.47	
6724.00	88.860	160.290	6206.44	365.35	-101.62	833.53	1656050.00	14363735.50	39°33'15.2277"N	80°56'40.3341"W	839.70	96.951	6.81	6.80	-0.36	
6819.00	88.860	160.490	6208.33	460.32	-191.10	865.41	1656081.86	14363646.06	39°33'14.3432"N	80°56'39.9278"W	886.26	102.452	0.21	0.00	0.21	
6913.00	88.610	160.530	6210.40	554.29	-279.69	896.76	1656113.20	14363557.50	39°33'13.4675"N	80°56'39.5282"W	939.37	107.322	0.27	-0.27	0.04	
7007.00	88.770	160.520	6212.55	648.26	-368.29	928.09	1656144.52	14363468.94	39°33'12.5916"N	80°56'39.1290"W	998.50	111.644	0.17	0.17	-0.01	
7101.00	88.770	160.000	6214.57	742.23	-456.74	959.84	1656176.25	14363380.52	39°33'11.7172"N	80°56'38.7244"W	1062.97	115.448	0.55	0.00	-0.55	
7195.00	89.600	159.760	6215.91	836.20	-545.00	992.17	1656208.57	14363292.30	39°33'10.8448"N	80°56'38.3124"W	1132.00	118.780	0.92	0.88	-0.26	
7289.00	89.320	160.280	6216.79	930.17	-633.33	1024.28	1656240.67	14363204.00	39°33'9.9715"N	80°56'37.9031"W	1204.27	121.729	0.63	-0.30	0.55	
7383.00	89.660	160.720	6217.63	1024.16	-721.94	1055.66	1656272.04	14363115.43	39°33'9.0956"N	80°56'37.5032"W	1278.91	124.367	0.59	0.36	0.47	
7478.00	89.260	159.860	6218.53	1119.15	-811.37	1087.70	1656304.06	14363026.04	39°33'8.2116"N	80°56'37.0949"W	1356.98	126.721	1.00	-0.42	-0.91	
7572.00	89.380	160.460	6219.64	1213.12	-899.78	1119.60	1656335.95	14362937.66	39°33'7.3375"N	80°56'36.6884"W	1436.35	128.788	0.65	0.13	0.64	
7666.00	89.820	160.180	6220.30	1307.11	-988.29	1151.25	1656367.59	14362849.19	39°33'6.4626"N	80°56'36.2850"W	1517.27	130.644	0.55	0.47	-0.30	
7760.00	89.290	159.950	6221.03	1401.09	-1076.65	1183.30	1656399.63	14362760.86	39°33'5.5891"N	80°56'35.8765"W	1599.81	132.298	0.61	-0.56	-0.24	



Actual Wellpath Report

Acadia Unit 2H AWP Proj: 21676'

Page 5 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Acadia Unit 2H
Field	Tyler	API	47-095-02898-0000
Facility	Shinn Pad	Wellbore	Acadia Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (239 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
7854.00	89.230	159.610	6222.24	1495.06	-1164.85	1215.79	1656432.10	14362672.69	39°33'4.7172"N	80°56'35.4625"W	1683.75	133.774	0.37	-0.06	-0.36	
7948.00	89.540	161.520	6223.25	1589.04	-1253.49	1247.06	1656463.36	14362584.10	39°33'3.8410"N	80°56'35.0640"W	1768.16	135.147	2.06	0.33	2.03	
8042.00	89.420	161.320	6224.10	1683.04	-1342.58	1277.01	1656493.30	14362495.03	39°33'2.9602"N	80°56'34.6824"W	1852.92	136.434	0.25	-0.13	-0.21	
8137.00	89.230	160.680	6225.22	1778.03	-1432.40	1307.94	1656524.21	14362405.25	39°33'2.0723"N	80°56'34.2883"W	1939.71	137.600	0.70	-0.20	-0.67	
8231.00	89.260	160.320	6226.46	1872.01	-1521.00	1339.32	1656555.58	14362316.69	39°33'1.1965"N	80°56'33.8885"W	2026.63	138.635	0.38	0.03	-0.38	
8325.00	89.260	160.050	6227.68	1965.99	-1609.43	1371.18	1656587.43	14362228.30	39°33'0.3223"N	80°56'33.4824"W	2114.33	139.570	0.29	0.00	-0.29	
8420.00	89.290	159.470	6228.88	2060.96	-1698.56	1404.04	1656620.28	14362139.21	39°32'59.4413"N	80°56'33.0636"W	2203.73	140.423	0.61	0.03	-0.61	
8514.00	89.010	160.950	6230.27	2154.93	-1786.99	1435.86	1656652.08	14362050.81	39°32'58.5670"N	80°56'32.6581"W	2292.39	141.218	1.60	-0.30	1.57	
8609.00	89.080	161.110	6231.86	2249.92	-1876.82	1466.74	1656682.95	14361961.01	39°32'57.6790"N	80°56'32.2647"W	2381.97	141.992	0.18	0.07	0.17	
8703.00	89.230	161.360	6233.24	2343.91	-1965.81	1496.97	1656713.17	14361872.06	39°32'56.7993"N	80°56'31.8794"W	2470.90	142.711	0.31	0.16	0.27	
8797.00	89.050	160.670	6234.65	2437.89	-2054.69	1527.55	1656743.74	14361783.22	39°32'55.9207"N	80°56'31.4898"W	2560.30	143.371	0.76	-0.19	-0.73	
8891.00	89.600	161.280	6235.76	2531.89	-2143.55	1558.19	1656774.36	14361694.39	39°32'55.0423"N	80°56'31.0994"W	2650.05	143.986	0.87	0.59	0.65	
8985.00	89.080	161.480	6236.84	2625.88	-2232.62	1588.20	1656804.36	14361605.36	39°32'54.1618"N	80°56'30.7171"W	2739.89	144.573	0.59	-0.55	0.21	
9080.00	89.320	161.730	6238.17	2720.87	-2322.76	1618.18	1656834.33	14361515.25	39°32'53.2707"N	80°56'30.3351"W	2830.85	145.137	0.36	0.25	0.26	
9174.00	89.230	161.240	6239.36	2814.86	-2411.89	1648.02	1656864.16	14361426.16	39°32'52.3897"N	80°56'29.9549"W	2921.16	145.655	0.53	-0.10	-0.52	
9268.00	88.950	160.390	6240.85	2908.84	-2500.65	1678.91	1656895.04	14361337.43	39°32'51.5122"N	80°56'29.5613"W	3011.98	146.123	0.95	-0.30	-0.90	
9362.00	89.750	161.600	6241.92	3002.83	-2589.52	1709.52	1656925.63	14361248.60	39°32'50.6337"N	80°56'29.1713"W	3102.91	146.568	1.54	0.85	1.29	
9456.00	89.600	161.680	6242.45	3096.83	-2678.73	1739.13	1656955.23	14361159.42	39°32'49.7517"N	80°56'28.7941"W	3193.77	147.007	0.18	-0.16	0.09	
9551.00	89.600	161.650	6243.11	3191.82	-2768.91	1769.01	1656985.10	14361069.28	39°32'48.8603"N	80°56'28.4134"W	3285.77	147.426	0.03	0.00	-0.03	
9645.00	89.820	161.260	6243.59	3285.82	-2858.03	1798.91	1657014.98	14360980.20	39°32'47.9794"N	80°56'28.0325"W	3377.04	147.813	0.48	0.23	-0.41	
9739.00	89.350	161.190	6244.27	3379.82	-2947.02	1829.16	1657045.23	14360891.24	39°32'47.0996"N	80°56'27.6470"W	3468.54	148.173	0.51	-0.50	-0.07	
9833.00	89.480	161.210	6245.23	3473.81	-3036.00	1859.45	1657075.50	14360802.30	39°32'46.2200"N	80°56'27.2611"W	3560.18	148.514	0.14	0.14	0.02	
9927.00	89.260	160.820	6246.26	3567.81	-3124.88	1890.03	1657106.07	14360713.45	39°32'45.3413"N	80°56'26.8715"W	3652.00	148.833	0.48	-0.23	-0.41	
10021.00	89.450	161.300	6247.32	3661.80	-3213.79	1920.54	1657136.57	14360624.58	39°32'44.4625"N	80°56'26.4828"W	3743.92	149.138	0.55	0.20	0.51	
10115.00	89.600	161.200	6248.10	3755.80	-3302.80	1950.75	1657166.77	14360535.61	39°32'43.5826"N	80°56'26.0979"W	3835.87	149.432	0.19	0.16	-0.11	
10209.00	89.600	160.860	6248.76	3849.79	-3391.69	1981.31	1657197.31	14360446.75	39°32'42.7038"N	80°56'25.7086"W	3928.00	149.708	0.36	0.00	-0.36	
10304.00	89.880	161.490	6249.19	3944.79	-3481.61	2011.96	1657227.95	14360356.87	39°32'41.8150"N	80°56'25.3181"W	4021.14	149.977	0.73	0.29	0.66	
10398.00	89.350	161.100	6249.82	4038.79	-3570.64	2042.11	1657258.09	14360267.87	39°32'40.9348"N	80°56'24.9340"W	4113.35	150.234	0.70	-0.56	-0.41	
10493.00	89.380	161.010	6250.87	4133.78	-3660.49	2072.95	1657288.92	14360178.06	39°32'40.0466"N	80°56'24.5411"W	4206.70	150.477	0.10	0.03	-0.09	
10587.00	89.320	161.110	6251.94	4227.78	-3749.39	2103.46	1657319.41	14360089.19	39°32'39.1678"N	80°56'24.1524"W	4299.13	150.707	0.12	-0.06	0.11	



Actual Wellpath Report

Acadia Unit 2H AWP Proj: 21676'
Page 6 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Acadia Unit 2H
Field	Tyler	API	47-095-02898-0000
Facility	Shinn Pad	Wellbore	Acadia Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (239 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
10682.00	89.510	160.710	6252.91	4322.77	-3839.16	2134.52	1657350.47	14359999.46	39°32'38.2803"N	80°56'23.7566"W	4392.65	150.927	0.47	0.20	-0.42	
10776.00	89.570	161.000	6253.66	4416.77	-3927.96	2165.35	1657381.28	14359910.70	39°32'37.4025"N	80°56'23.3639"W	4485.27	151.134	0.32	0.06	0.31	
10870.00	89.290	160.690	6254.60	4510.76	-4016.75	2196.19	1657412.11	14359821.94	39°32'36.5248"N	80°56'22.9709"W	4577.94	151.332	0.44	-0.30	-0.33	
10965.00	89.850	160.970	6255.31	4605.76	-4106.48	2227.39	1657443.29	14359732.25	39°32'35.6377"N	80°56'22.5735"W	4671.66	151.524	0.66	0.59	0.29	
11059.00	89.380	160.890	6255.94	4699.75	-4195.32	2258.10	1657473.99	14359643.44	39°32'34.7595"N	80°56'22.1823"W	4764.42	151.709	0.51	-0.50	-0.09	
11153.00	89.290	160.300	6257.03	4793.74	-4283.97	2289.33	1657505.21	14359554.83	39°32'33.8831"N	80°56'21.7844"W	4857.31	151.880	0.63	-0.10	-0.63	
11248.00	89.380	160.900	6258.14	4888.73	-4373.57	2320.88	1657536.75	14359465.26	39°32'32.9974"N	80°56'21.3824"W	4951.23	152.047	0.64	0.09	0.63	
11342.00	89.600	161.630	6258.97	4982.73	-4462.59	2351.07	1657566.93	14359376.28	39°32'32.1174"N	80°56'20.9978"W	5044.03	152.218	0.81	0.23	0.78	
11436.00	88.740	160.000	6260.34	5076.71	-4551.36	2381.96	1657597.80	14359287.55	39°32'31.2399"N	80°56'20.6043"W	5136.98	152.375	1.96	-0.91	-1.73	
11531.00	89.320	161.970	6261.94	5171.69	-4641.15	2412.90	1657628.73	14359197.79	39°32'30.3522"N	80°56'20.2101"W	5230.91	152.530	2.16	0.61	2.07	
11625.00	89.200	161.040	6263.16	5265.68	-4730.29	2442.72	1657658.54	14359108.69	39°32'29.4710"N	80°56'19.8303"W	5323.77	152.688	1.00	-0.13	-0.99	
11719.00	89.320	161.730	6264.37	5359.67	-4819.37	2472.72	1657688.53	14359019.65	39°32'28.5905"N	80°56'19.4481"W	5416.70	152.839	0.75	0.13	0.73	
11814.00	89.450	162.170	6265.39	5454.66	-4909.68	2502.16	1657717.95	14358929.37	39°32'27.6976"N	80°56'19.0732"W	5510.52	152.995	0.48	0.14	0.46	
11908.00	89.420	161.500	6266.32	5548.64	-4999.00	2531.46	1657747.24	14358840.09	39°32'26.8147"N	80°56'18.6999"W	5603.41	153.143	0.71	-0.03	-0.71	
12002.00	89.450	161.440	6267.25	5642.64	-5088.12	2561.33	1657777.10	14358751.01	39°32'25.9337"N	80°56'18.3194"W	5696.43	153.280	0.07	0.03	-0.06	
12096.00	89.420	161.520	6268.17	5736.63	-5177.25	2591.19	1657806.95	14358661.91	39°32'25.0526"N	80°56'17.9391"W	5789.48	153.412	0.09	-0.03	0.09	
12191.00	89.540	161.800	6269.04	5831.63	-5267.42	2621.08	1657836.83	14358571.78	39°32'24.1612"N	80°56'17.5584"W	5883.51	153.545	0.32	0.13	0.29	
12285.00	89.660	161.860	6269.69	5925.62	-5356.73	2650.39	1657866.13	14358482.51	39°32'23.2784"N	80°56'17.1850"W	5976.55	153.675	0.14	0.13	0.06	
12379.00	89.450	161.900	6270.42	6019.61	-5446.06	2679.62	1657895.35	14358393.21	39°32'22.3952"N	80°56'16.8127"W	6069.59	153.801	0.23	-0.22	0.04	
12474.00	89.600	162.220	6271.21	6114.59	-5536.44	2708.89	1657924.60	14358302.86	39°32'21.5018"N	80°56'16.4400"W	6163.62	153.928	0.37	0.16	0.34	
12568.00	89.200	161.260	6272.19	6208.58	-5625.70	2738.34	1657954.04	14358213.64	39°32'20.6194"N	80°56'16.0648"W	6256.76	154.045	1.11	-0.43	-1.02	
12662.00	89.480	161.390	6273.28	6302.57	-5714.75	2768.43	1657984.12	14358124.63	39°32'19.7392"N	80°56'15.6815"W	6350.00	154.153	0.33	0.30	0.14	
12757.00	89.540	161.730	6274.09	6397.57	-5804.86	2798.48	1658014.16	14358034.55	39°32'18.8483"N	80°56'15.2987"W	6444.22	154.262	0.36	0.06	0.36	
12851.00	89.290	161.400	6275.05	6491.56	-5894.04	2828.21	1658043.87	14357945.41	39°32'17.9668"N	80°56'14.9201"W	6537.46	154.366	0.44	-0.27	-0.35	
12945.00	89.450	161.570	6276.08	6585.55	-5983.16	2858.05	1658073.71	14357856.32	39°32'17.0857"N	80°56'14.5400"W	6630.74	154.467	0.25	0.17	0.18	
13039.00	88.740	161.540	6277.57	6679.54	-6072.32	2887.79	1658103.43	14357767.20	39°32'16.2043"N	80°56'14.1612"W	6724.02	154.566	0.76	-0.76	-0.03	
13134.00	89.480	161.300	6279.04	6774.52	-6162.36	2918.06	1658133.68	14357677.19	39°32'15.3142"N	80°56'13.7757"W	6818.34	154.661	0.82	0.78	-0.25	
13228.00	89.600	161.790	6279.80	6868.52	-6251.52	2947.81	1658163.43	14357588.07	39°32'14.4328"N	80°56'13.3967"W	6911.67	154.754	0.54	0.13	0.52	
13321.00	89.170	160.940	6280.80	6961.51	-6339.64	2977.53	1658193.13	14357499.98	39°32'13.5617"N	80°56'13.0182"W	7004.05	154.842	1.02	-0.46	-0.91	
13415.00	89.570	162.030	6281.83	7055.50	-6428.77	3007.37	1658222.97	14357410.89	39°32'12.6806"N	80°56'12.6381"W	7097.42	154.930	1.24	0.43	1.16	

RECEIVED
Office of Oil and Gas
JUL 30 2025
WV Department of
Environmental Protection



Actual Wellpath Report

Acadia Unit 2H AWP Proj: 21676'

Page 7 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Acadia Unit 2H
Field	Tyler	API	47-095-02898-0000
Facility	Shinn Pad	Wellbore	Acadia Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (239 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
13509.00	89.510	161.990	6282.58	7149.49	-6518.17	3036.41	1658251.99	14357321.53	39°32'11.7968"N	80°56'12.2683"W	7190.71	155.022	0.08	-0.06	-0.04	
13604.00	89.480	161.730	6283.42	7244.48	-6608.45	3065.98	1658281.55	14357231.29	39°32'10.9044"N	80°56'11.8916"W	7285.04	155.111	0.28	-0.03	-0.27	
13698.00	89.600	162.220	6284.18	7338.47	-6697.83	3095.07	1658310.62	14357141.94	39°32'10.0208"N	80°56'11.5212"W	7378.37	155.198	0.54	0.13	0.52	
13792.00	89.450	161.700	6284.95	7432.45	-6787.21	3124.18	1658339.72	14357052.60	39°32'9.1373"N	80°56'11.1505"W	7471.72	155.283	0.58	-0.16	-0.55	
13886.00	89.660	161.220	6285.68	7526.45	-6876.32	3154.06	1658369.60	14356963.52	39°32'8.2563"N	80°56'10.7698"W	7565.18	155.360	0.56	0.22	-0.51	
13980.00	90.770	162.550	6285.33	7620.44	-6965.66	3183.29	1658398.81	14356874.22	39°32'7.3731"N	80°56'10.3976"W	7658.57	155.440	1.84	1.18	1.41	
14075.00	90.030	160.320	6284.67	7715.43	-7055.71	3213.53	1658429.04	14356784.21	39°32'6.4829"N	80°56'10.0124"W	7753.05	155.513	2.47	-0.78	-2.35	
14169.00	90.120	161.620	6284.55	7809.42	-7144.57	3244.18	1658459.68	14356695.38	39°32'5.6045"N	80°56'9.6221"W	7846.63	155.578	1.39	0.10	1.38	
14263.00	89.820	160.830	6284.59	7903.42	-7233.57	3274.44	1658489.92	14356606.42	39°32'4.7247"N	80°56'9.2367"W	7940.18	155.645	0.90	-0.32	-0.84	
14357.00	89.420	161.840	6285.22	7997.42	-7322.62	3304.52	1658519.99	14356517.40	39°32'3.8443"N	80°56'8.8536"W	8033.72	155.712	1.16	-0.43	1.07	
14451.00	89.420	161.310	6286.17	8091.41	-7411.80	3334.23	1658549.69	14356428.26	39°32'2.9628"N	80°56'8.4752"W	8127.22	155.779	0.56	0.00	-0.56	
14545.00	89.350	161.120	6287.18	8185.41	-7500.78	3364.49	1658579.94	14356339.31	39°32'2.0831"N	80°56'8.0898"W	8220.80	155.841	0.22	-0.07	-0.20	
14639.00	89.570	162.050	6288.06	8279.40	-7589.97	3394.19	1658609.62	14356250.16	39°32'1.2014"N	80°56'7.7116"W	8314.33	155.906	1.02	0.23	0.99	
14734.00	89.020	161.910	6289.23	8374.38	-7680.30	3423.57	1658639.00	14356159.87	39°32'0.3084"N	80°56'7.3374"W	8408.79	155.975	0.60	-0.58	-0.15	
14828.00	88.950	161.950	6290.90	8468.36	-7769.65	3452.73	1658668.14	14356070.55	39°31'59.4252"N	80°56'6.9661"W	8502.28	156.040	0.09	-0.07	0.04	
14922.00	88.920	161.960	6292.65	8562.33	-7859.01	3481.84	1658697.24	14355981.23	39°31'58.5418"N	80°56'6.5954"W	8595.77	156.105	0.03	-0.03	0.01	
15016.00	88.980	162.140	6294.37	8656.31	-7948.42	3510.80	1658726.19	14355891.85	39°31'57.6579"N	80°56'6.2265"W	8689.25	156.169	0.20	0.06	0.19	
15110.00	88.710	161.740	6296.26	8750.28	-8037.77	3539.94	1658755.32	14355802.54	39°31'56.7746"N	80°56'5.8555"W	8782.76	156.231	0.51	-0.29	-0.43	
15204.00	88.740	162.040	6298.35	8844.25	-8127.09	3569.15	1658784.52	14355713.25	39°31'55.8916"N	80°56'5.4835"W	8876.28	156.291	0.32	0.03	0.32	
15298.00	88.550	161.380	6300.58	8938.22	-8216.32	3598.64	1658814.00	14355624.07	39°31'55.0096"N	80°56'5.1080"W	8969.84	156.347	0.73	-0.20	-0.70	
15393.00	88.710	161.500	6302.85	9033.19	-8306.35	3628.87	1658844.21	14355534.07	39°31'54.1195"N	80°56'4.7230"W	9064.44	156.400	0.21	0.17	0.13	
15487.00	88.580	161.390	6305.07	9127.16	-8395.44	3658.77	1658874.10	14355445.01	39°31'53.2388"N	80°56'4.3422"W	9158.06	156.452	0.18	-0.14	-0.12	
15582.00	88.800	161.270	6307.24	9222.13	-8485.42	3689.18	1658904.50	14355355.07	39°31'52.3493"N	80°56'3.9550"W	9252.69	156.502	0.26	0.23	-0.13	
15676.00	88.830	161.240	6309.19	9316.11	-8574.41	3719.38	1658934.68	14355266.11	39°31'51.4696"N	80°56'3.5704"W	9346.35	156.550	0.05	0.03	-0.03	
15770.00	89.690	161.640	6310.40	9410.10	-8663.51	3749.30	1658964.59	14355177.05	39°31'50.5887"N	80°56'3.1894"W	9440.00	156.599	1.01	0.91	0.43	
15864.00	89.600	161.480	6310.98	9504.10	-8752.68	3779.03	1658994.31	14355087.91	39°31'49.7072"N	80°56'2.8108"W	9533.65	156.647	0.20	-0.10	-0.17	
15958.00	89.570	160.480	6311.66	9598.10	-8841.55	3809.66	1659024.93	14354999.08	39°31'48.8287"N	80°56'2.4207"W	9627.38	156.690	1.06	-0.03	-1.06	
16053.00	89.480	160.940	6312.45	9693.09	-8931.21	3841.04	1659056.30	14354909.46	39°31'47.9423"N	80°56'2.0210"W	9722.15	156.729	0.49	-0.09	0.48	
16147.00	89.600	159.850	6313.21	9787.08	-9019.76	3872.58	1659087.83	14354820.94	39°31'47.0669"N	80°56'1.6193"W	9815.95	156.764	1.17	0.13	-1.16	
16241.00	89.820	161.090	6313.68	9881.07	-9108.35	3904.01	1659119.24	14354732.39	39°31'46.1911"N	80°56'1.2191"W	9909.76	156.799	1.34	0.23	1.32	

RECEIVED
Office of Oil and Gas
JUL 30 2011
WV Department of
Environmental Protection



Actual Wellpath Report

Acadia Unit 2H AWP Proj: 21676'

Page 8 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Acadia Unit 2H
Field	Tyler	API	47-095-02898-0000
Facility	Shinn Pad	Wellbore	Acadia Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (239 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
16335.00	89.750	161.750	6314.04	9975.06	-9197.45	3933.96	1659149.18	14354643.33	39°31'45.3103"N	80°56'0.8377"W	10003.45	156.843	0.71	-0.07	0.70	
16429.00	89.820	161.350	6314.39	10069.06	-9286.62	3963.70	1659178.91	14354554.20	39°31'44.4288"N	80°56'0.4589"W	10097.14	156.886	0.43	0.07	-0.43	
16523.00	89.630	161.480	6314.84	10163.06	-9375.71	3993.66	1659208.86	14354465.13	39°31'43.5481"N	80°56'0.0774"W	10190.85	156.928	0.24	-0.20	0.14	
16617.00	89.600	161.110	6315.47	10257.06	-9464.75	4023.81	1659238.99	14354376.14	39°31'42.6679"N	80°55'59.6936"W	10284.57	156.968	0.39	-0.03	-0.39	
16711.00	89.850	161.610	6315.92	10351.05	-9553.81	4053.85	1659269.02	14354287.11	39°31'41.7874"N	80°55'59.3110"W	10378.30	157.008	0.59	0.27	0.53	
16805.00	89.780	161.670	6316.23	10445.05	-9643.03	4083.46	1659298.62	14354197.93	39°31'40.9054"N	80°55'58.9340"W	10471.99	157.049	0.10	-0.07	0.06	
16899.00	89.540	161.210	6316.78	10539.05	-9732.14	4113.38	1659328.53	14354108.85	39°31'40.0245"N	80°55'58.5530"W	10565.72	157.088	0.55	-0.26	-0.48	
16994.00	89.570	160.820	6317.52	10634.04	-9821.97	4144.28	1659359.42	14354019.06	39°31'39.1365"N	80°55'58.1594"W	10660.49	157.123	0.41	0.03	-0.41	
17088.00	89.820	161.790	6318.02	10728.04	-9911.00	4174.41	1659389.54	14353930.06	39°31'38.2563"N	80°55'57.7758"W	10754.24	157.160	1.07	0.27	1.03	
17182.00	89.750	161.620	6318.37	10822.04	-10000.25	4203.92	1659419.03	14353840.85	39°31'37.3740"N	80°55'57.4001"W	10847.95	157.199	0.20	-0.07	-0.18	
17276.00	89.720	161.230	6318.81	10916.03	-10089.35	4233.86	1659448.96	14353751.78	39°31'36.4931"N	80°55'57.0188"W	10941.69	157.235	0.42	-0.03	-0.41	
17370.00	89.780	161.890	6319.22	11010.03	-10178.53	4263.60	1659478.68	14353662.64	39°31'35.6116"N	80°55'56.6402"W	11035.43	157.272	0.71	0.06	0.70	
17464.00	89.660	161.750	6319.68	11104.02	-10267.83	4292.92	1659508.00	14353573.37	39°31'34.7287"N	80°55'56.2668"W	11129.13	157.310	0.20	-0.13	-0.15	
17559.00	89.750	161.790	6320.17	11199.02	-10358.06	4322.64	1659537.71	14353483.18	39°31'33.8367"N	80°55'55.8884"W	11223.85	157.348	0.10	0.09	0.04	
17653.00	89.850	162.040	6320.50	11293.01	-10447.42	4351.82	1659566.87	14353393.86	39°31'32.9534"N	80°55'55.5169"W	11317.55	157.386	0.29	0.11	0.27	
17747.00	89.820	161.910	6320.77	11387.00	-10536.81	4380.91	1659595.95	14353304.51	39°31'32.0697"N	80°55'55.1466"W	11411.25	157.424	0.14	-0.03	-0.14	
17842.00	89.780	161.670	6321.10	11481.99	-10627.05	4410.60	1659625.62	14353214.30	39°31'31.1776"N	80°55'54.7686"W	11505.98	157.460	0.26	-0.04	-0.25	
17935.00	89.850	161.530	6321.40	11574.99	-10715.29	4439.95	1659654.97	14353126.09	39°31'30.3053"N	80°55'54.3948"W	11598.74	157.493	0.17	0.08	-0.15	
18029.00	89.720	161.640	6321.75	11668.98	-10804.48	4469.65	1659684.65	14353036.94	39°31'29.4236"N	80°55'54.0168"W	11692.50	157.526	0.18	-0.14	0.12	
18124.00	89.690	161.550	6322.24	11763.98	-10894.62	4499.64	1659714.63	14352946.84	39°31'28.5325"N	80°55'53.6349"W	11787.26	157.559	0.10	-0.03	-0.09	
18218.00	89.690	161.310	6322.75	11857.98	-10983.72	4529.58	1659744.56	14352857.77	39°31'27.6516"N	80°55'53.2537"W	11881.04	157.589	0.26	0.00	-0.26	
18312.00	89.750	161.450	6323.21	11951.98	-11072.80	4559.59	1659774.56	14352768.73	39°31'26.7710"N	80°55'52.8716"W	11974.84	157.619	0.16	0.06	0.15	
18406.00	89.780	161.630	6323.59	12045.97	-11161.96	4589.35	1659804.31	14352679.60	39°31'25.8896"N	80°55'52.4926"W	12068.62	157.649	0.19	0.03	0.19	
18501.00	90.090	161.910	6323.70	12140.97	-11252.19	4619.07	1659834.02	14352589.41	39°31'24.9975"N	80°55'52.1143"W	12163.38	157.682	0.44	0.33	0.29	
18595.00	90.000	162.130	6323.63	12234.96	-11341.60	4648.09	1659863.02	14352500.03	39°31'24.1137"N	80°55'51.7449"W	12257.11	157.715	0.25	-0.10	0.23	
18689.00	90.120	162.230	6323.53	12328.94	-11431.09	4676.85	1659891.78	14352410.58	39°31'23.2290"N	80°55'51.3787"W	12350.82	157.749	0.17	0.13	0.11	
18783.00	90.180	162.020	6323.28	12422.93	-11520.56	4705.71	1659920.62	14352321.15	39°31'22.3446"N	80°55'51.0113"W	12444.55	157.782	0.23	0.06	-0.22	
18877.00	89.940	161.400	6323.19	12516.92	-11609.81	4735.21	1659950.10	14352231.94	39°31'21.4623"N	80°55'50.6358"W	12538.33	157.811	0.71	-0.26	-0.66	
18971.00	90.250	160.060	6323.03	12610.92	-11698.54	4766.23	1659981.11	14352143.24	39°31'20.5851"N	80°55'50.2408"W	12632.21	157.833	1.46	0.33	-1.43	
19066.00	90.310	162.140	6322.56	12705.91	-11788.41	4797.00	1660011.87	14352053.41	39°31'19.6966"N	80°55'49.8490"W	12727.05	157.857	2.19	0.06	2.19	

RECEIVED
Office of Oil and Gas
JUL 30 2025
WV Department of
Environmental Protection



Actual Wellpath Report

Acadia Unit 2H AWP Proj: 21676'

Page 9 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Acadia Unit 2H
Field	Tyler	API	47-095-02898-0000
Facility	Shinn Pad	Wellbore	Acadia Unit 2H AWB
Slot	Slot E		

WELLPATH DATA (239 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
19160.00	90.250	161.700	6322.11	12799.90	-11877.77	4826.17	1660041.03	14351964.08	39°31'18.8132"N	80°55'49.4777"W	12820.81	157.887	0.47	-0.06	-0.47	
19254.00	90.250	161.730	6321.70	12893.90	-11967.02	4855.66	1660070.51	14351874.87	39°31'17.9309"N	80°55'49.1022"W	12914.60	157.915	0.03	0.00	0.03	
19349.00	90.220	162.000	6321.31	12988.89	-12057.30	4885.23	1660100.07	14351784.62	39°31'17.0384"N	80°55'48.7258"W	13009.38	157.944	0.29	-0.03	0.28	
19443.00	90.180	161.680	6320.98	13082.88	-12146.62	4914.53	1660129.35	14351695.34	39°31'16.1554"N	80°55'48.3528"W	13103.16	157.972	0.34	-0.04	-0.34	
19537.00	90.220	161.570	6320.65	13176.88	-12235.82	4944.16	1660158.97	14351606.17	39°31'15.2735"N	80°55'47.9756"W	13196.97	157.998	0.12	0.04	-0.12	
19631.00	89.970	161.850	6320.49	13270.87	-12325.08	4973.66	1660188.46	14351516.96	39°31'14.3912"N	80°55'47.6000"W	13290.78	158.024	0.40	-0.27	0.30	
19725.00	89.850	161.720	6320.64	13364.87	-12414.36	5003.04	1660217.83	14351427.70	39°31'13.5085"N	80°55'47.2260"W	13384.58	158.050	0.19	-0.13	-0.14	
19820.00	89.940	161.800	6320.82	13459.86	-12504.59	5032.78	1660247.55	14351337.51	39°31'12.6165"N	80°55'46.8474"W	13479.38	158.076	0.13	0.09	0.08	
19914.00	90.030	161.980	6320.84	13553.85	-12593.93	5062.00	1660276.76	14351248.21	39°31'11.7333"N	80°55'46.4755"W	13573.17	158.103	0.21	0.10	0.19	
20008.00	89.970	162.010	6320.84	13647.84	-12683.33	5091.05	1660305.81	14351158.84	39°31'10.8495"N	80°55'46.1056"W	13666.96	158.130	0.07	-0.06	0.03	
20103.00	89.880	161.760	6320.96	13742.84	-12773.62	5120.59	1660335.33	14351068.59	39°31'9.9569"N	80°55'45.7296"W	13761.75	158.156	0.28	-0.09	-0.26	
20197.00	89.910	161.800	6321.14	13836.83	-12862.91	5149.98	1660364.71	14350979.34	39°31'9.0743"N	80°55'45.3555"W	13855.57	158.180	0.05	0.03	0.04	
20291.00	89.910	161.890	6321.28	13930.82	-12952.23	5179.27	1660393.99	14350890.05	39°31'8.1913"N	80°55'44.9826"W	13949.38	158.205	0.10	0.00	0.10	
20385.00	89.850	159.970	6321.48	14024.82	-13041.07	5209.98	1660424.69	14350801.25	39°31'7.3130"N	80°55'44.5917"W	14043.27	158.223	2.04	-0.06	-2.04	
20480.00	89.910	159.570	6321.68	14119.79	-13130.21	5242.83	1660457.52	14350712.15	39°31'6.4318"N	80°55'44.1734"W	14138.23	158.233	0.43	0.06	-0.42	
20574.00	89.940	159.780	6321.80	14213.76	-13218.35	5275.48	1660490.16	14350624.04	39°31'5.5603"N	80°55'43.7577"W	14232.20	158.243	0.23	0.03	0.22	
20668.00	89.910	159.940	6321.93	14307.73	-13306.61	5307.84	1660522.51	14350535.82	39°31'4.6878"N	80°55'43.3456"W	14326.16	158.254	0.17	-0.03	0.17	
20762.00	89.850	158.930	6322.12	14401.69	-13394.61	5340.86	1660555.52	14350447.85	39°31'3.8178"N	80°55'42.9251"W	14420.14	158.261	1.08	-0.06	-1.07	
20856.00	90.030	159.080	6322.22	14495.62	-13482.37	5374.54	1660589.18	14350360.12	39°31'2.9501"N	80°55'42.4963"W	14514.13	158.266	0.25	0.19	0.16	
20951.00	90.060	157.320	6322.15	14590.49	-13570.58	5409.82	1660624.45	14350271.96	39°31'2.0781"N	80°55'42.0470"W	14609.13	158.266	1.85	0.03	-1.85	
21045.00	90.180	159.770	6321.95	14684.39	-13658.06	5444.20	1660658.81	14350184.51	39°31'1.2133"N	80°55'41.6092"W	14703.12	158.267	2.61	0.13	2.61	
21140.00	90.060	159.850	6321.75	14779.36	-13747.22	5476.99	1660691.59	14350095.39	39°31'0.3318"N	80°55'41.1918"W	14798.09	158.277	0.15	-0.13	0.08	
21234.00	90.250	159.830	6321.50	14873.34	-13835.46	5509.38	1660723.97	14350007.18	39°30'59.4594"N	80°55'40.7793"W	14892.05	158.287	0.20	0.20	-0.02	
21329.00	90.120	159.510	6321.19	14968.30	-13924.54	5542.39	1660756.96	14349918.13	39°30'58.5787"N	80°55'40.3591"W	14987.02	158.296	0.36	-0.14	-0.34	
21423.00	90.180	159.700	6320.94	15062.27	-14012.65	5575.15	1660789.71	14349830.06	39°30'57.7077"N	80°55'39.9420"W	15081.00	158.304	0.21	0.06	0.20	
21518.00	89.780	159.720	6320.98	15157.24	-14101.75	5608.09	1660822.64	14349740.99	39°30'56.8268"N	80°55'39.5226"W	15175.97	158.313	0.42	-0.42	0.02	
21613.00	90.090	159.490	6321.08	15252.20	-14190.80	5641.20	1660855.73	14349651.98	39°30'55.9465"N	80°55'39.1010"W	15270.95	158.321	0.41	0.33	-0.24	
21651.00	90.180	159.800	6321.00	15290.19	-14226.42	5654.42	1660888.94	14349616.37	39°30'55.5942"N	80°55'38.9328"W	15308.94	158.324	0.85	0.24	0.82	
21676.00†	90.180	159.800	6320.92	15315.18	-14249.89	5663.05	1660877.57	14349592.92	39°30'55.3623"N	80°55'38.8229"W	15333.93	158.327	0.00	0.00	0.00	Projected MD at TD: 21676'

DIRECTIONAL DIFFICULTY INDEX			
Directional Difficulty Index @ TD = 7.14		Reference: IADC/SPE 59196	
Values	Wellpath characterized as:	Values	Wellpath characterized as:
< 6.0	Relatively short or simple profiles with low tortuosity	6.4-6.8	Longer with relatively tortuous well paths
< 6.0-6.4	Shorter with high tortuosity or longer with lower tortuosity	> 6.8	Long tortuous profiles, high degree of difficulty

HOLE & CASING SECTIONS - Ref Wellbore: Acadia Unit 2H AWB Ref Wellpath: Acadia Unit 2H AWP Proj: 21676'									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
20in Conductor	30.00	130.00	100.00	30.00	130.00	0.00	0.00	0.25	-0.01
17.5in Open Hole	130.00	459.00	329.00	130.00	459.00	0.25	-0.01	0.79	0.56
13.375in Casing Surface	30.00	440.00	410.00	30.00	440.00	0.00	0.00	0.79	0.49
12.25in Open Hole	459.00	3077.00	2618.00	459.00	3074.70	0.79	0.56	39.08	41.68
9.625in Casing Intermediate	30.00	3047.00	3017.00	30.00	3044.70	0.00	0.00	39.08	41.71
8.75in Open Hole	3077.00	5428.00	2351.00	3074.70	5333.51	39.08	41.68	490.21	438.58
8.5in Open Hole	5428.00	21676.00	16248.00	5333.51	6320.92	490.21	438.58	-14249.89	5663.05
5.5in Casing Production	30.00	21656.00	21626.00	30.00	6320.98	0.00	0.00	-14231.12	5656.14

ENVIRONMENTAL
PROTECTION
JUL 30 2025
OFFICE OF OIL AND GAS
RECEIVED



Actual Wellpath Report

Acadia Unit 2H AWP Proj: 21676'

Page 10 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Acadia Unit 2H
Field	Tyler	API	47-095-02898-0000
Facility	Shinn Pad	Wellbore	Acadia Unit 2H AWB
Slot	Slot E		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Acadia Unit 2H POE Rev-3	6159.00	140.07	747.61	1655964.11	14363977.09	39°33'17.6169"N	80°56'41.4291"W	point
Acadia Unit 2H LP Rev-3	6207.00	-92.34	826.91	1656043.38	14363744.78	39°33'15.3195"N	80°56'40.4186"W	point
Acadia Unit 2H BHL Rev-3	6468.36	-14263.23	5661.99	1660876.52	14349579.58	39°30'55.2304"N	80°55'38.8364"W	point
Acadia Unit 2H 50' L/R Hard Line	6500.00	-7061.58	3204.80	1658420.32	14356778.33	39°32'6.4249"N	80°56'10.1239"W	rectangle
2D Rectangle 15218.6 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Acadia Unit 2H AWB Ref Wellpath: Acadia Unit 2H AWP Proj: 21676'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	346.00	Gyrodatta 2015 - GC+WIR+DPIPE	01_Gyrodatta MS Gyro <17-1/2"> (100'-346')	Acadia Unit 2H AWB	12/16/2024
346.00	2992.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02_APS EM <12-1/4"> (346')(467'-2992')	Acadia Unit 2H AWB	12/16/2024
2992.00	5349.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03_APS EM <8-3/4"> (2992')(3088'-5349')	Acadia Unit 2H AWB	1/3/2025
5349.00	21676.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04_BH Lucida <8-1/2"> (5349')(5406'-21651')	Acadia Unit 2H AWB	1/3/2025

RECEIVED
Office of Oil and Gas
JUL 30 2025
WV Department of
Environmental Protection



Actual Wellpath Report

Acadia Unit 2H AWP Proj: 21676'

Page 11 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Acadia Unit 2H
Field	Tyler	API	47-095-02898-0000
Facility	Shinn Pad	Wellbore	Acadia Unit 2H AWB
Slot	Slot E		

COMMENTS

Wellpath general comments

API: 47-095-02898-0000

BH Job #: 112499965

Rig: H&P 519

Duration: 1/6/2025-1/10/2025

Gyrodata MS Gyro <17-1/2"> (100'-346')

APS EM <12-1/4"> (346')(467'-2992')

APS EM <8-3/4"> (2992')(3088'-5349')

BH Lucida <8-1/2"> (5349')(5406'-21651')

Sycamore: 6105' MD

Middlesex: 6250' MD

Burkett: 6405' MD

Marcellus POE: 6473.47' MD

Projected MD at TD: 21676'

RECEIVED
Office of Oil and Gas
JUL 30 2025
WV Department of
Environmental Protection