

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-095-02902 County Tyler District Lincoln
Quad Paden City Pad Name Shinn Pad Field/Pool Name -----
Farm name Antero Resources Corporation Well Number Tennessee Unit 1H
Operator (as registered with the OOG) Antero Resources Corporation
Address 1615 Wynkoop Street City Denver State CO Zip 80202

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4378326.168m Easting 504529.818m
Landing Point of Curve Northing 4378246.90m Easting 505041.91m
Bottom Hole Northing 4374148.661m Easting 506473.626m

Elevation (ft) 1036' GL Type of Well ☒ New ☐ Existing Type of Report ☐ Interim ☒ Final
Permit Type ☐ Deviated ☐ Horizontal ☒ Horizontal 6A ☐ Vertical Depth Type ☐ Deep ☒ Shallow
Type of Operation ☐ Convert ☐ Deepen ☒ Drill ☐ Plug Back ☐ Redrilling ☐ Rework ☒ Stimulate
Well Type ☐ Brine Disposal ☐ CBM ☒ Gas ☒ Oil ☐ Secondary Recovery ☐ Solution Mining ☐ Storage ☐ Other _____
Type of Completion ☒ Single ☐ Multiple Fluids Produced ☐ Brine ☒ Gas ☐ NGL ☒ Oil ☐ Other _____
Drilled with ☐ Cable ☒ Rotary

Drilling Media Surface hole ☒ Air ☐ Mud ☐ Fresh Water Intermediate hole ☒ Air ☐ Mud ☐ Fresh Water ☐ Brine
Production hole ☐ Air ☒ Mud ☐ Fresh Water ☐ Brine
Mud Type(s) and Additive(s)
Air - Foam & 4% KCL
Mud - Polymer

Date permit issued 10/28/2024 Date drilling commenced 11/15/2024 Date drilling ceased 1/5/2025
Date completion activities began 2/26/2025 Date completion activities ceased 4/14/2025
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 328' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1440' Void(s) encountered (Y/N) depths No
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

APPROVED

Reviewed by:

09/26/2025

9-10-25

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

WR-35
Rev. 8/23/13

Page 2 of 4

API 47-095 - 02902 Farm name Antero Resources Corporation Well number Tennessee Unit 1H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	28"	20"	130'	New	91.59#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	466'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3181'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	21550'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6442'		4.7#, P-110		
Packer type and depth set		N/A					

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Class A	190 sx	15.6	1.18	224	0'	8 Hrs.
Surface	Class C	395 sx	15.8	1.17	462	0'	8 Hrs.
Coal							
Intermediate 1	Class C	1080 sx	15.8	1.15	1242	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	4265 sx (Tail)	13.5 (Lead), 15.2 (Tail)	1.77 (Lead), 1.32 (Tail)	5630	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 21550' MD, 6316' TVD (BHL), 6318' (Deepest Point Drilled) Loggers TD (ft) ' MD
Deepest formation penetrated Marcellus Plug back to (ft) N/A
Plug back procedure N/A

Kick off depth (ft) 5613'

Check all wireline logs run ☐ caliper ☐ density ☐ deviated/directional ☐ induction
☐ neutron ☐ resistivity ☐ gamma ray ☐ temperature ☐ sonic

Well cored ☐ Yes ☒ No Conventional ☐ Sidewall Were cuttings collected ☐ Yes ☒ No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING

Conductor - 0
Surface - 1 above guide shoe, 1 above insert float, 1 every 4th joint to surface
Intermediate - 1 above float joint, 1 above float collar, 1 every 4th joint to surface
Production - 1 above float joint, 1 below float collar, 1 every 3rd joint to top of cement

WAS WELL COMPLETED AS SHOT HOLE ☐ Yes ☒ No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? ☐ Yes ☒ No DETAILS _____

WERE TRACERS USED ☐ Yes ☒ No TYPE OF TRACER(S) USED N/A

09/26/2025

API 47- 095 - 02902 Farm name Antero Resources Corporation Well number Tennessee Unit 1H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)

***PLEASE SEE ATTACHED EXHIBIT 1**

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)

***PLEASE SEE ATTACHED EXHIBIT 2**

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

Please insert additional pages as applicable.

09/26/2025

API 47- 095 - 02902 Farm name Antero Resources Corporation Well number Tennessee Unit 1H

PRODUCING FORMATION(S)	DEPTHS
Marcellus	6136' (TOP) TVD 6573' (TOP) MD

Please insert additional pages as applicable.

GAS TEST ☐ Build up ☐ Drawdown ☒ Open Flow OIL TEST ☒ Flow ☐ Pump

SHUT-IN PRESSURE Surface 1384 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 15041 mcfpd Oil 434 bpd NGL --- bpd Water 1624 bpd GAS MEASURED BY ☐ Estimated ☒ Orifice ☐ Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
*PLEASE SEE ATTACHED EXHIBIT 3					

Please insert additional pages as applicable.

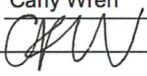
Drilling Contractor H & P Drilling
Address 912 N Eagle Valley Rd City Howard State PA Zip 16841

Logging Company Nine Energy Services
Address 6500 West Fwy City Fort Worth State TX Zip 76116

Cementing Company Halliburton Energy Services
Address 3000 W. Sam Houston Pkwy City Houston State TX Zip 76114

Stimulating Company NexTier
Address 1650 Hackers Creek Rd City Jane Lew State WV Zip 26378

Please insert additional pages as applicable.

Completed by Carly Wren Telephone 303-357-7373
Signature  Title Permitting Agent Date 7/24/2025

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

09/26/2025 

API 47-095-02902 Farm Name Antero Resources Corporation Well Number Tennessee Unit 1H					
Exhibit 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	2/26/2025	21494.60	21479.70	60	Marcellus
2	2/26/2025	21441.05	21275.80	60	Marcellus
3	2/27/2025	21240.35	21075.11	60	Marcellus
4	2/27/2025	21039.66	20874.41	60	Marcellus
5	2/28/2025	20838.96	20673.72	60	Marcellus
6	2/28/2025	20638.27	20473.02	60	Marcellus
7	2/28/2025	20437.57	20272.32	60	Marcellus
8	3/1/2025	20236.88	20071.63	60	Marcellus
9	3/1/2025	20036.18	19870.93	60	Marcellus
10	3/1/2025	19835.48	19670.24	60	Marcellus
11	3/1/2025	19634.79	19469.54	60	Marcellus
12	3/1/2025	19434.09	19268.84	60	Marcellus
13	3/2/2025	19233.40	19068.15	60	Marcellus
14	3/2/2025	19032.70	18867.45	60	Marcellus
15	3/2/2025	18832.00	18666.76	60	Marcellus
16	3/2/2025	18631.31	18466.06	60	Marcellus
17	3/3/2025	18430.61	18265.36	60	Marcellus
18	3/3/2025	18229.92	18064.67	60	Marcellus
19	3/3/2025	18029.22	17863.97	60	Marcellus
20	3/3/2025	17828.52	17663.28	60	Marcellus
21	3/3/2025	17627.83	17462.58	60	Marcellus
22	3/4/2025	17427.13	17261.89	60	Marcellus
23	3/4/2025	17226.44	17061.19	60	Marcellus
24	3/4/2025	17025.74	16860.49	60	Marcellus
25	3/4/2025	16825.04	16659.80	60	Marcellus
26	3/5/2025	16624.35	16459.10	60	Marcellus
27	3/5/2025	16423.65	16258.41	60	Marcellus
28	3/5/2025	16222.96	16057.71	60	Marcellus
29	3/5/2025	16022.26	15857.01	60	Marcellus
30	3/6/2025	15821.56	15656.32	60	Marcellus
31	3/6/2025	15620.87	15455.62	60	Marcellus
32	3/6/2025	15420.17	15254.93	60	Marcellus
33	3/7/2025	15219.48	15054.23	60	Marcellus
34	3/7/2025	15018.78	14853.53	60	Marcellus
35	3/7/2025	14818.08	14652.84	60	Marcellus
36	3/8/2025	14617.39	14452.14	60	Marcellus
37	3/8/2025	14416.69	14251.45	60	Marcellus
38	3/9/2025	14216.00	14050.75	60	Marcellus
39	3/9/2025	14015.30	13850.05	60	Marcellus
40	3/10/2025	13814.60	13649.36	60	Marcellus
41	3/10/2025	13613.91	13448.66	60	Marcellus
42	3/10/2025	13413.21	13247.97	60	Marcellus
43	3/10/2025	13212.52	13047.27	60	Marcellus
44	3/11/2025	13011.82	12846.57	60	Marcellus
45	3/11/2025	12811.13	12645.88	60	Marcellus
46	3/12/2025	12610.43	12445.18	60	Marcellus
47	3/12/2025	12409.73	12244.49	60	Marcellus
48	3/12/2025	12209.04	12043.79	60	Marcellus
49	3/13/2025	12008.34	11843.09	60	Marcellus
50	3/13/2025	11807.65	11642.40	60	Marcellus
51	3/13/2025	11606.95	11441.70	60	Marcellus
52	3/14/2025	11406.25	11241.01	60	Marcellus
53	3/14/2025	11205.56	11040.31	60	Marcellus
54	3/14/2025	11004.86	10839.61	60	Marcellus
55	3/14/2025	10804.17	10638.92	60	Marcellus
56	3/15/2025	10603.47	10438.22	60	Marcellus
57	3/15/2025	10402.77	10237.53	60	Marcellus
58	3/15/2025	10202.08	10036.83	60	Marcellus
59	3/16/2025	10001.38	9836.14	60	Marcellus
60	3/16/2025	9800.69	9635.44	60	Marcellus
61	3/16/2025	9599.99	9434.74	60	Marcellus
62	3/17/2025	9399.29	9234.05	60	Marcellus
63	3/17/2025	9198.60	9033.35	60	Marcellus
64	3/18/2025	8997.90	8832.66	60	Marcellus
65	3/19/2025	8797.21	8631.96	60	Marcellus
66	3/20/2025	8596.51	8431.26	60	Marcellus
67	3/21/2025	8395.81	8230.57	60	Marcellus
68	3/21/2025	8195.12	8029.87	60	Marcellus
69	3/22/2025	7994.42	7829.18	60	Marcellus
70	3/23/2025	7793.73	7628.48	60	Marcellus
71	3/24/2025	7593.03	7427.78	60	Marcellus
72	3/25/2025	7392.33	7227.09	60	Marcellus
73	3/27/2025	7191.64	7026.39	60	Marcellus
74	3/27/2025	6990.94	6825.70	60	Marcellus
75	3/27/2025	6790.25	6625.00	60	Marcellus

RECEIVED
Office of Oil and Gas

JUL 30 2025

WV Department of
Environmental Protection

09/26/2025

API 47-095-02902 Farm Name Antero Resources Corporation Well Number Tennessee Unit 1H

EXHIBIT 2

Stage No.	Stimulations Date	Avg Pump Rate	Avg Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/ other (units)
1	2/26/2025	77.7	8641	5428	4491	113120	3694	N/A
2	2/26/2025	93.2	9611	8222	5088	405000	7195	N/A
3	2/27/2025	86.1	9365	7550	4474	402380	7212	N/A
4	2/27/2025	95.3	10245	8943	5051	401080	7002	N/A
5	2/28/2025	98.4	10595	5574	4694	404740	7161	N/A
6	2/28/2025	89.0	9975	6799	3911	407240	7075	N/A
7	2/28/2025	95.1	10352	4975	4599	399720	7092	N/A
8	3/1/2025	97.6	10346	5852	4861	399120	7210	N/A
9	3/1/2025	96.7	10297	5860	3909	413980	7240	N/A
10	3/1/2025	97.0	10518	5765	4207	404800	7180	N/A
11	3/1/2025	91.8	9732	6846	3900	398400	6964	N/A
12	3/1/2025	97.0	10207	5773	5438	406140	7227	N/A
13	3/2/2025	98.4	10367	4969	4643	405700	7042	N/A
14	3/2/2025	98.5	10116	6939	3761	399380	7112	N/A
15	3/2/2025	97.6	10335	7308	3934	399920	7006	N/A
16	3/2/2025	75.9	8961	6941	5034	400460	9699	N/A
17	3/3/2025	92.8	9440	5034	4690	407800	7060	N/A
18	3/3/2025	97.0	9675	2841	5152	401040	6917	N/A
19	3/3/2025	94.5	9540	7711	4880	406100	7045	N/A
20	3/3/2025	91.6	9325	7852	3737	402520	7007	N/A
21	3/3/2025	94.5	9409	7588	4483	398960	7051	N/A
22	3/4/2025	96.4	9524	5731	4489	407440	6997	N/A
23	3/4/2025	94.3	9821	8092	4575	405920	6991	N/A
24	3/4/2025	96.0	9748	8328	4923	396880	6877	N/A
25	3/4/2025	86.5	9036	6794	5146	402000	9168	N/A
26	3/5/2025	91.5	9313	5389	4189	411020	7000	N/A
27	3/5/2025	92.9	9179	5732	4373	400220	6954	N/A
28	3/5/2025	84.2	8912	8978	4532	402960	7055	N/A
29	3/5/2025	93.1	9378	6742	4335	410400	7085	N/A
30	3/6/2025	93.7	9262	5478	4129	408560	7016	N/A
31	3/6/2025	97.7	9883	8247	4674	407460	7202	N/A
32	3/6/2025	94.5	8898	7856	4469	403458	6977	N/A
33	3/7/2025	93.6	9419	6876	3929	404900	7091	N/A
34	3/7/2025	93.9	9282	7922	4366	408280	6988	N/A
35	3/7/2025	95.6	9077	7256	4567	403680	7025	N/A
36	3/8/2025	97.6	9250	7756	5253	404640	6969	N/A
37	3/8/2025	97.8	9647	7838	4484	407160	7012	N/A
38	3/9/2025	98.9	9469	7345	4439	404460	7003	N/A
39	3/9/2025	95.1	9367	7601	4352	403600	6949	N/A
40	3/10/2025	96.3	9333	7550	4185	416160	7026	N/A
41	3/10/2025	96.7	8947	6907	4370	404420	7054	N/A
42	3/10/2025	97.8	9179	6534	4621	403380	6923	N/A
43	3/10/2025	96.3	8841	6916	4771	403520	6928	N/A
44	3/11/2025	95.5	8927	6922	4501	404840	6912	N/A
45	3/11/2025	96.9	8754	5512	3909	403560	6968	N/A
46	3/12/2025	95.6	8650	6277	4407	404340	6996	N/A
47	3/12/2025	96.2	8573	6706	4659	394940	6680	N/A
48	3/12/2025	98.6	8543	5994	4522	404360	6951	N/A
49	3/13/2025	95.0	8893	7213	4675	410200	6825	N/A
50	3/13/2025	94.6	8994	7057	4523	404840	6846	N/A
51	3/13/2025	95.3	8567	5659	4314	402560	6836	N/A
52	3/14/2025	95.7	8731	7435	4418	404600	6748	N/A
53	3/14/2025	92.8	8244	6907	4486	413240	7019	N/A
54	3/14/2025	97.1	8466	6576	4694	407580	6494	N/A
55	3/14/2025	96.4	8379	7701	4350	405460	6685	N/A
56	3/15/2025	96.3	8483	8149	4561	405200	6595	N/A
57	3/15/2025	97.0	8096	6202	4566	405000	6764	N/A
58	3/15/2025	96.5	8076	6744	4206	405700	6614	N/A
59	3/16/2025	96.9	8302	7671	4231	404440	6845	N/A
60	3/16/2025	96.2	8099	6381	4484	403640	6825	N/A
61	3/16/2025	97.3	8138	6764	3794	411420	6915	N/A
62	3/17/2025	97.9	8175	8090	4015	410460	6816	N/A
63	3/17/2025	98.2	7694	5559	3705	406480	6920	N/A
64	3/18/2025	96.8	7837	5508	4283	409360	7022	N/A
65	3/19/2025	96.3	7927	5462	4249	404340	6831	N/A
66	3/20/2025	96.5	7705	4525	3719	402520	6736	N/A
67	3/21/2025	95.5	7590	4259	3717	406420	6799	N/A
68	3/21/2025	95.6	7384	4387	3647	408200	6911	N/A
69	3/22/2025	97.8	7272	4003	3797	409500	6828	N/A
70	3/23/2025	98.6	7300	6429	3906	407380	6865	N/A
71	3/24/2025	99.4	7058	6638	4046	412560	6918	N/A
72	3/25/2025	98.2	7139	6997	3676	410700	6859	N/A
73	3/27/2025	97.4	7174	6346	3996	408740	6701	N/A
74	3/27/2025	96.3	7226	7271	4088	407000	6781	N/A
75	3/27/2025	96.6	6860	5944	3639	412120	6742	N/A
	AVERAGE	95	8,921	6,612	4,372	30,109,818	522,728	TOTAL

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

09/26/2025

EXHIBIT 3

LITHOLOGY/ FORMATION	TOP DEPTH (TVD)	BOTTOM DEPTH (TVD)	TOP DEPTH (MD)	BOTTOM DEPTH (MD)
	From Surface	From Surface	From Surface	From Surface
CMT, occ siltstone	434	470	434	470
Shaly Siltstone, occ cmt	470	520	470	520
Shaly Siltstone	520	770	520	770
Sandstone, Siltstone, rr Shale	720	920	720	920
Sandstone, Siltstone	770	920	770	920
Siltstone, Sandstone	920	970	920	970
Sandy Siltstone	970	1,320	970	1,320
Siltstone, Sandstone	1,320	1,570	1,320	1,570
Silty Sandstone	1,570	1,620	1,570	1,620
Sandstone	1,620	1,670	1,620	1,670
Silty Sandstone	1,670	1,770	1,670	1,770
Sandstone	1,770	1,820	1,770	1,820
Limestone, tr SS, tr SLTST	1,820	1,798	1,820	1,834
Big Lime	1,828	2,289	1,834	2,353
Fifty Foot Sandstone	2,289	2,697	2,323	2,784
Gordon	2,697	2,874	2,754	2,969
Fifth Sandstone	2,874	3,161	2,939	3,268
Bayard	3,161	3,835	3,238	3,979
Speechley	3,835	4,131	3,949	4,287
Balltown	4,131	4,554	4,257	4,731
Bradford	4,554	4,863	4,701	5,057
Benson	4,863	5,073	5,027	5,278
Alexander	5,073	6,057	5,248	6,379
Sycamore	5,924	6,027	6,199	6,349
Middlesex	6,027	6,110	6,349	6,504
Burkett	6,110	6,136	6,504	6,573
Marcellus	6,136	NA	6,573	NA

*Please note Antero determines formation tops based on mud logs that are only run on one well on a multi-well pad. The measured depth (MD) data on subsequent wells may be slightly different due to the well's unique departure.

RECEIVED
Office of Oil and Gas

JUL 30 2025

WV Department of
Environmental Protection

09/26/2025

LT	Solutions						
ViscStim 300CE-113	NexTier Completions Solutions	Friction Reducer					
Water	Operator	Carrier Fluid					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	86.00244	
			Crystalline Silica	14808-60-7	99.90000	13.56168	
			Water	7732-18-5	85.00000	0.27343	
			Hydrochloric Acid	7647-01-0	15.00000	0.04825	
			Chemplex-Polymer-00019	Proprietary	40.00000	0.02108	
			Distillates (Petroleum), Hydrotreated Light	64742-47-8	50.00000	0.01949	
			Isoalkanes	6742-47-8	30.00000	0.01581	
			Aluminum Oxide	1344-28-1	0.10000	0.01358	
			Chemplex-surfactant-00015	Proprietary	5.00000	0.00263	
			Glutaraldehyde	111-30-8	30.00000	0.00246	
			Bentonite	1302-78-9	5.00000	0.00195	
			Alkoxylated Isodecyl Alcohol	154518-36-2	5.00000	0.00195	
			Chemplex-surfactant-00021	Proprietary	3.00000	0.00158	
			Alkyl (C12-16) dimethylbenzylammonium chloride	68424-85-1	5.00000	0.00041	
			1-Decanaminium, N-decyl- N,N-dimethyl-,chloride	7173-51-5	5.00000	0.00041	
			Ammonium Persulfate	7727-54-0	90.00000	0.00041	
			Ethylene glycol	107-21-1	45.00000	0.00014	
			Glycol Ether EB	111-76-2	45.00000	0.00014	
			N,N-Dimethylformamide	68-12-2	20.00000	0.00006	
			Tar bases,quinoline derivs.,benzyl chloride- quaternized	72480-70-7	20.00000	0.00006	
			Water	7732-18-5	15.00000	0.00005	
			Cinnamaldehyde	104-55-2	10.00000	0.00003	
			Nonylphenol ethoxylated	127087-87-0	10.00000	0.00003	
			Alcohols, C6-12	68603-15-6	10.00000	0.00003	
			Ammonium Persulfate	7727-54-0	95.00000	0.00001	

RECEIVED
Office of Oil and Gas

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

JUL 30 2025

WV Department of
Environmental Protection

09/26/2025

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

RECEIVED
Office of Oil and Gas

JUL 30 2025

WV Department of
Environmental Protection

09/26/2025

Antero Resources
Well No. Tennessee 1H
As-Drilled
Antero Resources Corporation

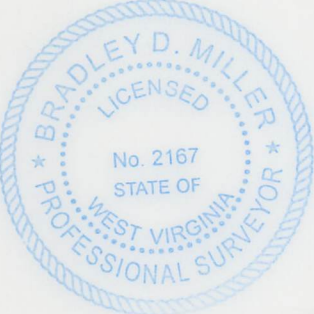


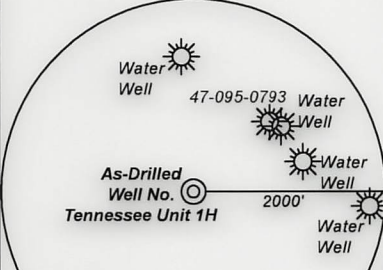
Top Hole Coordinates,
As-drilled data, and
information was provided by
Antero Resources
Corporation. Allegany
Surveys Inc. (ASI) is not
certifying the data and
information provided. ASI is
not responsible for any
errors or inaccuracies with
the data and information
that has been provided.

I, the undersigned, hereby certify that this
plat is correct to the best of my
knowledge and belief and shows all the
information required by law and the rules
issued and prescribed by the
Department of Environmental Protection.

Bradley D. Miller

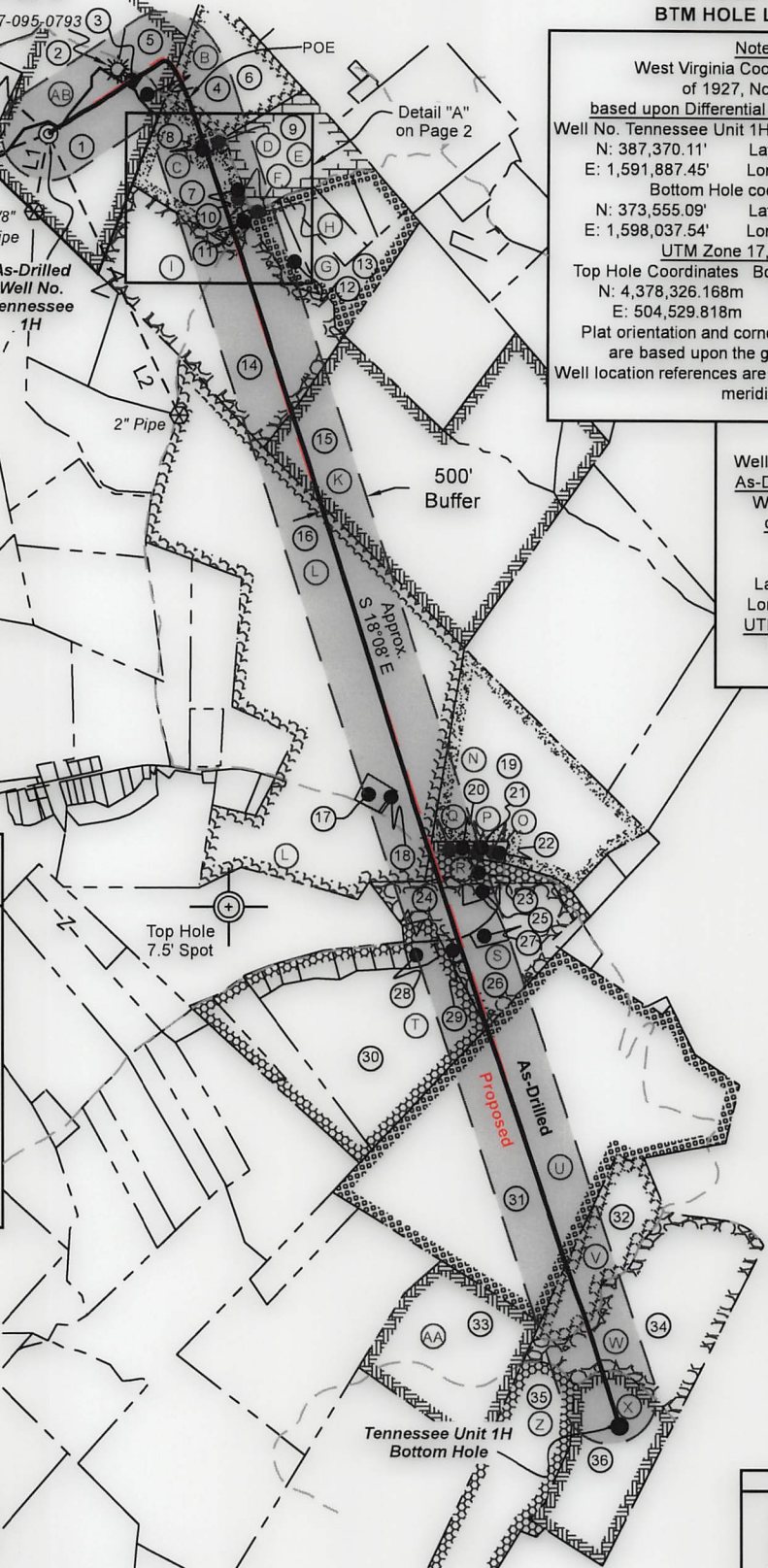
Bradley D. Miller, P.S. 2167





Page
1 of 2

47-095-0793



Notes
West Virginia Coordinate System
of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Tennessee Unit 1H Top Hole coordinates are
N: 387,370.11' Latitude: 39°33'16.31"
E: 1,591,887.45' Longitude: 80°56'50.80"
Bottom Hole coordinates are
N: 373,555.09' Latitude: 39°31'00.75"
E: 1,598,037.54' Longitude: 80°55'29.49"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,378,326.168m N: 4,374,148.661m
E: 504,529.818m E: 506,473.626m
Plat orientation and corner and well references
are based upon the grid north meridian.
Well location references are based upon the magnetic
meridian.

Notes:
Well No. Tennessee Unit 1H
As-Drilled POE Coordinates
WV Coordinate System
of 1927, North Zone
N: 387,752.08'
E: 1,593,387.78'
Latitude: 39°33'20.32"
Longitude: 80°56'31.73"
UTM Zone 17, NAD 1983
N: 4,378,450.181m
E: 504,984.961m

Wellhead Layout (NTS)
Tennessee Unit 2H
(API# 47-095-02903)
As-Drilled
Tennessee Unit 1H
(API# 47-095-02902)
Acadia Unit 2H
(API# 47-095-02898)
Acadia Unit 1H
(API# 47-095-02897)
Jessica Unit 3H
(API# 47-095-02901)
Jessica Unit 2H
(API# 47-095-02900)
Jessica Unit 1H
(API# 47-095-02899)

Legend

- Proposed gas well
- Monument, as noted
- Existing Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)

FILE NO: 163-54-L-23
DRAWING NO: Tennessee Unit 1H As-Drilled
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION



DATE: July 28 2025
OPERATOR'S WELL NO. Tennessee Unit 1H
API WELL NO
47 - 095 - 02902
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: As-Built 1,036' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City
DISTRICT: Lincoln COUNTY: Tyler 09/26/2025
SURFACE OWNER: Antero Resources Corporation ACREAGE: 52.51
ROYALTY OWNER: Raymond B. Heintzman, et ux LEASE NO: ACREAGE: 100
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,316' TVD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,550' MD

WELL OPERATOR: Antero Resources Corporation
ADDRESS: 1615 Wynkoop Street
Denver, CO 80202

DESIGNATED AGENT: Conrad Baston
ADDRESS: 535 White Oaks Blvd.
Bridgeport, WV 26330

Antero Resources
Well No. Tennessee 1H
As-Drilled
Antero Resources Corporation



Page
2 of 2

Detail A
(n.t.s.)



ID	TM-Par	Owner	Bk/Pg	Acres
1	8-21.2	Antero Resources Corporation	296/494	35.52
2	8-21	Antero Resources Corporation	296/490	52.51
3	8-21.3	Adam Nathaniel Wayne	236/556	0.79
4	8-21.4	Jodie E. Michael	373/544	1.78
5	8-21.1	Justin P. & Stephanie M. Richards	411/189	11.24
6	8-23	Elden Jackson & Jennifer Lynn Wryosdick	385/343	30.00
7	8-22	David E. & Ila Grace Kyle	270/206	24.63
8	8-22.2	Michael V. Smith	219/609	1.44
9	8-27	Sharon M. Jeffrey Darrin Deaton	349/176	24.65
10	8-22.1	Thomas H. & Sabrina Kyle	325/186	0.67
11	8-28	David E. & Ila Grace Kyle	184/232	0.88
12	8-30	Neven J. Moffitt	644/625	6.27
13	8-30.2	Neven J. Moffitt	332/25	16.38
14	8-41	David E. & Ila Grace Kyle	272/189	118.10
15	8-61	G.R. Meckley Family Trust	OR50/28	106.51
16	12-71	Shaun M. & Carrie A. Meckley	393/423	266.33
17	12-72	Billy J. & Lois M. Stern	214/439	2.15
18	12-71.2	Billy J. & Lois M. Stern	393/434	0.22
19	13-9.6	G.R. Meckley Family Trust	OR50/28	65.48
20	13-10	Richard G. & Nancy S. Lemasters	206/15	1.37
21	13-11	John H. Booher	393/564	0.45
22	13-12	Kevin A. Bliss	324/555	1.20
23	13-22	Deborah L. & David R. Starcher	475/380	7.87
24	13-9.3	James Perry & Melissa Flesher	284/78	16.03
25	13-9.5	Evan Cline	OR80/142	1.97
26	13-9	David A. Starcher	475/378	31.68
27	13-9.1	Bryan Jason & Stafanie Suter	483/807	1.90
28	12-54.7	Jeffrey L. & Nicola S. Stewart	458/662	1.91
29	13-13	David A. Starcher	475/378	1.00
30	12-54	David A. Starcher	591/22	60.95
31	13-15	Cathy J. Meredith Trust	634/684	200.86
32	13-17	Rene Hickman, et al	WB45/145	24.00
33	13-20	Jim Winland	304/421	50.75
34	9-32	Janet L. Cline	331/921	61.25
35	14-1	James A. & Carol Winland	WB31/209	47.48
36	14-2	Robert L. & Donald E. Reed	188/726	42.00

Leases	
B	Drilling Appalachian Corporation
C	Bounty Minerals, LLC
D	Michael V. Smith
E	M. Sharon Deaton
F	Thomas H. & Sabrina M. Kyle, JTWROS
G	Larry A. & Karen B. Wells
H	Neven J. Moffitt
I	Bounty Minerals, LLC
K	Arlen Glen Wells, Jr.
L	Lois M. & Billy J. Stern, JTWROS
N	Gerald W. Meckley, Jr., et al
O	Kevin A. Bliss
P	John H. & Susan Booher
Q	John Stanley Starkey
R	Deborah L. Starcher
S	Teresa Starcher Burgey
T	BRC Appalachian Minerals I, LLC
U	Cathy Jane Meredith, acting as Trustee for The Cathy Jane Meredith Trust
V	James W. Thomas, et ux
W	Townshend, Susan, Executor of the Last Will and Testament of Ruth B. Thomas
X	Mildred A. Reed
Z	James Andrew Winland
AA	James Andrew Winland
AB	Raymond B. Heintzman, et ux

FILE NO: 163-54-L-23

DRAWING NO: Tennessee Unit 1H As-Dilled

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:
Submeter

PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION



DATE: July 28 2025

OPERATOR'S WELL NO. Tennessee Unit 1H

API WELL NO

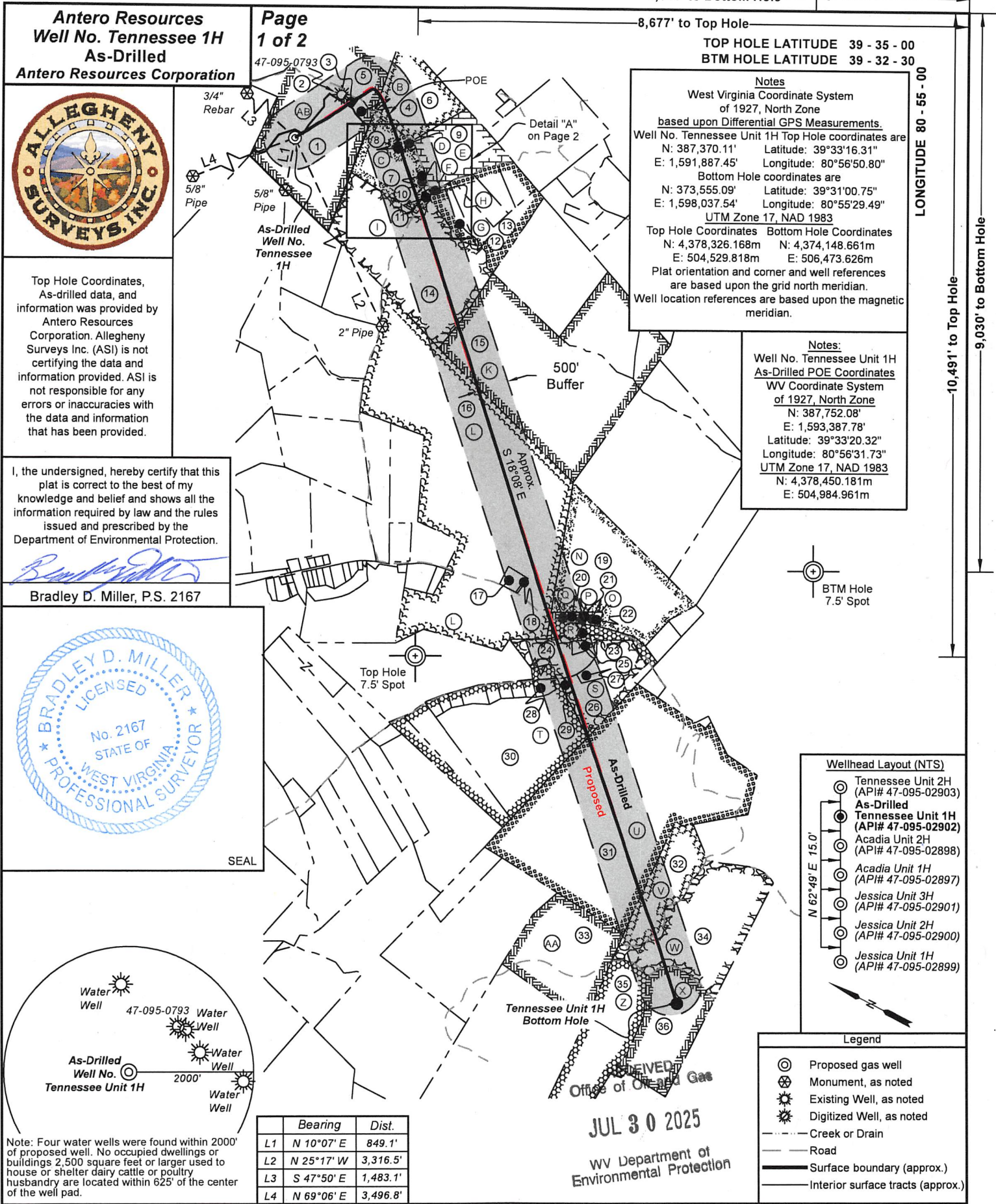
47 - 095 - 02902

STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: As-Built 1,036' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City
DISTRICT: Lincoln COUNTY: Tyler 09/26/2025
SURFACE OWNER: Antero Resources Corporation ACREAGE: 52.51
ROYALTY OWNER: Raymond B. Heintzman, et ux LEASE NO: ACREAGE: 100
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,316' TVD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,550' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Conrad Baston
ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330



FILE NO: 163-54-L-23	STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION	DATE: July 28 2025
DRAWING NO: Tennessee Unit 1H As-Drilled		OPERATOR'S WELL NO. Tennessee Unit 1H
SCALE: 1" = 2000'		API WELL NO
MINIMUM DEGREE OF ACCURACY: Submeter		47 - 095 - 02902
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV	STATE COUNTY PERMIT	

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

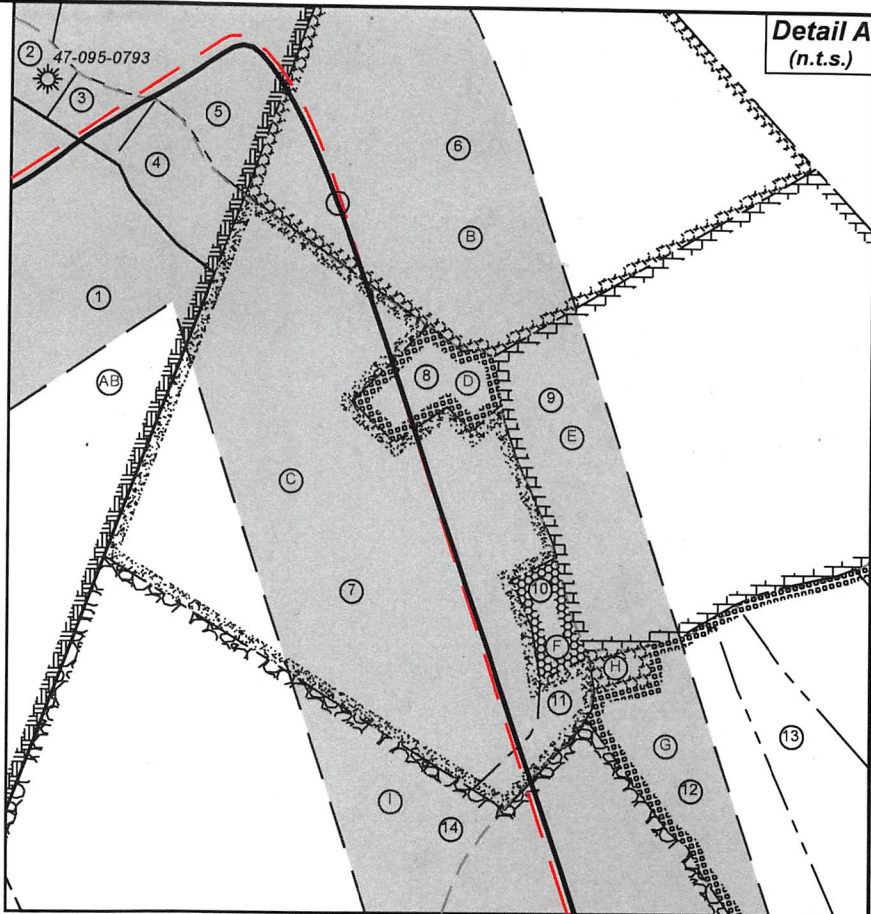
LOCATION: ELEVATION: As-Built 1,036' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City
DISTRICT: Lincoln COUNTY: Tyler 09/26/2025
SURFACE OWNER: Antero Resources Corporation ACREAGE: 52.51
ROYALTY OWNER: Raymond B. Heintzman, et ux LEASE NO: ACREAGE: 100
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,316' TVD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,550' MD

WELL OPERATOR: Antero Resources Corporation	DESIGNATED AGENT: Conrad Baston
ADDRESS: 1615 Wynkoop Street Denver, CO 80202	ADDRESS: 535 White Oaks Blvd. Bridgeport, WV 26330

Antero Resources
Well No. Tennessee 1H
As-Drilled
Antero Resources Corporation



Page
2 of 2



ID	TM-Par	Owner	Bk/Pg	Acres
1	8-21.2	Antero Resources Corporation	296/494	35.52
2	8-21	Antero Resources Corporation	296/490	52.51
3	8-21.3	Adam Nathaniel Wayne	236/556	0.79
4	8-21.4	Jodie E. Michael	373/544	1.78
5	8-21.1	Justin P. & Stephanie M. Richards	411/189	11.24
6	8-23	Elden Jackson & Jennifer Lynn Wryosdick	385/343	30.00
7	8-22	David E. & Ila Grace Kyle	270/206	24.63
8	8-22.2	Michael V. Smith	219/609	1.44
9	8-27	Sharon M. Jeffrey Darrin Deaton	349/176	24.65
10	8-22.1	Thomas H. & Sabrina Kyle	325/186	0.67
11	8-28	David E. & Ila Grace Kyle	184/232	0.88
12	8-30	Neven J. Moffitt	644/625	6.27
13	8-30.2	Neven J. Moffitt	332/25	16.38
14	8-41	David E. & Ila Grace Kyle	272/189	118.10
15	8-61	G.R. Meckley Family Trust	OR50/28	106.51
16	12-71	Shaun M. & Carrie A. Meckley	393/423	266.33
17	12-72	Billy J. & Lois M. Stern	214/439	2.15
18	12-71.2	Billy J. & Lois M. Stern	393/434	0.22
19	13-9.6	G.R. Meckley Family Trust	OR50/28	65.48
20	13-10	Richard G. & Nancy S. Lemasters	206/15	1.37
21	13-11	John H. Booher	393/564	0.45
22	13-12	Kevin A. Bliss	324/555	1.20
23	13-22	Deborah L. & David R. Starcher	475/380	7.87
24	13-9.3	James Perry & Melissa Flesher	284/78	16.03
25	13-9.5	Evan Cline	OR80/142	1.97
26	13-9	David A. Starcher	475/378	31.68
27	13-9.1	Bryan Jason & Stafanie Suter	483/807	1.90
28	12-54.7	Jeffrey L. & Nicola S. Stewart	458/662	1.91
29	13-13	David A. Starcher	475/378	1.00
30	12-54	David A. Starcher	591/22	60.95
31	13-15	Cathy J. Meredith Trust	634/684	200.86
32	13-17	Rene Hickman, et al	WB45/145	24.00
33	13-20	Jim Winland	304/421	50.75
34	9-32	Janet L. Cline	331/921	61.25
35	14-1	James A. & Carol Winland	WB31/209	47.48
36	14-2	Robert L. & Donald E. Reed	188/726	42.00

RECEIVED
Office of Oil and Gas

JUL 30 2025

WV Department of
Environmental Protection

Leases	
B	Drilling Appalachian Corporation
C	Bounty Minerals, LLC
D	Michael V. Smith
E	M. Sharon Deaton
F	Thomas H. & Sabrina M. Kyle, JTWROS
G	Larry A. & Karen B. Wells
H	Neven J. Moffitt
I	Bounty Minerals, LLC
K	Arlen Glen Wells, Jr.
L	Lois M. & Billy J. Stern, JTWROS
N	Gerald W. Meckley, Jr., et al
O	Kevin A. Bliss
P	John H. & Susan Booher
Q	John Stanley Starkey
R	Deborah L. Starcher
S	Teresa Starcher Burgey
T	BRC Appalachian Minerals I, LLC
U	Cathy Jane Meredith, acting as Trustee for The Cathy Jane Meredith Trust
V	James W. Thomas, et ux
W	Townshend, Susan, Executor of the Last Will and Testament of Ruth B. Thomas
X	Mildred A. Reed
Z	James Andrew Winland
AA	James Andrew Winland
AB	Raymond B. Heintzman, et ux

FILE NO: 163-54-L-23

DRAWING NO: Tennessee Unit 1H As-Drilled

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:
Submeter

PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION



DATE: July 28 2025

OPERATOR'S WELL NO. Tennessee Unit 1H

API WELL NO

47 - 095 - 02902
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: As-Built 1,036' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City

DISTRICT: Lincoln COUNTY: Tyler 09/26/2025

SURFACE OWNER: Antero Resources Corporation ACREAGE: 52.51

ROYALTY OWNER: Raymond B. Heintzman, et ux LEASE NO: ACREAGE: 100

PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,316' TVD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,550' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Conrad Baston
ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330