

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

API 47-095-02898 County Tyler District Lincoln
Quad Paden City Pad Name Shinn Pad Field/Pool Name -----
Farm name Antero Resources Corporation Well Number Acadia Unit 2H
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 4378324.032m Easting 504525.831m
Landing Point of Curve Northing 4378148.52m Easting 504813.56m
Bottom Hole Northing 4373982.143m Easting 506251.221m

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 1/13/2025
Date completion activities began 2/26/2025 Date completion activities ceased 4/15/2025
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

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

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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

API 47- 095 - 02898

Farm name Antero Resources Corporation Well number Acadia Unit 2H

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"	460'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3077'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	21676'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6280'		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	3480 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.77 (Lead), 1.32 (Tail)	4594	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 21676' MD, 6321' TVD (BHL), 6324' (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) 5428'

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

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

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

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

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API 47-095 - 02898 Farm name Antero Resources Corporation Well number Acadia Unit 2H

PERFORATION RECORD

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

***PLEASE SEE ATTACHED EXHIBIT 1**

[illegible]

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

[illegible]

***PLEASE SEE ATTACHED EXHIBIT 2**

[illegible]

Please insert additional pages as applicable.

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API 47- 095 - 02898 Farm name Antero Resources Corporation Well number Acadia Unit 2H

PRODUCING FORMATION(S)

DEPTHS

Marcellus 6130' (TOP) TVD 6443' (TOP) MD

Please insert additional pages as applicable.

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

SHUT-IN PRESSURE Surface 1402 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY
16037 mcfpd 480 bpd --- bpd 1753 bpd ☐ 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)
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***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

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API 47-095-02898 Farm Name Antero Resources Corporation Well Number Acadia Unit 2H					
Exhibit 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	2/26/2025	21619.40	21604.50	60	Marcellus
2	2/26/2025	21565.73	21399.88	60	Marcellus
3	2/27/2025	21364.31	21198.47	60	Marcellus
4	2/27/2025	21162.90	20997.05	60	Marcellus
5	2/28/2025	20961.48	20795.63	60	Marcellus
6	2/28/2025	20760.06	20594.21	60	Marcellus
7	2/28/2025	20558.64	20392.80	60	Marcellus
8	2/28/2025	20357.23	20191.38	60	Marcellus
9	3/1/2025	20155.81	19989.96	60	Marcellus
10	3/1/2025	19954.39	19788.54	60	Marcellus
11	3/1/2025	19752.97	19587.13	60	Marcellus
12	3/1/2025	19551.56	19385.71	60	Marcellus
13	3/2/2025	19350.14	19184.29	60	Marcellus
14	3/2/2025	19148.72	18982.87	60	Marcellus
15	3/2/2025	18947.31	18781.46	60	Marcellus
16	3/2/2025	18745.89	18580.04	60	Marcellus
17	3/2/2025	18544.47	18378.62	60	Marcellus
18	3/3/2025	18343.05	18177.21	60	Marcellus
19	3/3/2025	18141.64	17975.79	60	Marcellus
20	3/3/2025	17940.22	17774.37	60	Marcellus
21	3/3/2025	17738.80	17572.95	60	Marcellus
22	3/4/2025	17537.38	17371.54	60	Marcellus
23	3/4/2025	17335.97	17170.12	60	Marcellus
24	3/4/2025	17134.55	16968.70	60	Marcellus
25	3/4/2025	16933.13	16767.28	60	Marcellus
26	3/4/2025	16731.71	16565.87	60	Marcellus
27	3/5/2025	16530.30	16364.45	60	Marcellus
28	3/5/2025	16328.88	16163.03	60	Marcellus
29	3/5/2025	16127.46	15961.61	60	Marcellus
30	3/6/2025	15926.05	15760.20	60	Marcellus
31	3/6/2025	15724.63	15558.78	60	Marcellus
32	3/6/2025	15523.21	15357.36	60	Marcellus
33	3/7/2025	15321.79	15155.95	60	Marcellus
34	3/7/2025	15120.38	14954.53	60	Marcellus
35	3/7/2025	14918.96	14753.11	60	Marcellus
36	3/8/2025	14717.54	14551.69	60	Marcellus
37	3/8/2025	14516.12	14350.28	60	Marcellus
38	3/9/2025	14314.71	14148.86	60	Marcellus
39	3/9/2025	14113.29	13947.44	60	Marcellus
40	3/9/2025	13911.87	13746.02	60	Marcellus
41	3/10/2025	13710.45	13544.61	60	Marcellus
42	3/10/2025	13509.04	13343.19	60	Marcellus
43	3/10/2025	13307.62	13141.77	60	Marcellus
44	3/11/2025	13106.20	12940.35	60	Marcellus
45	3/11/2025	12904.79	12738.94	60	Marcellus
46	3/12/2025	12703.37	12537.52	60	Marcellus
47	3/12/2025	12501.95	12336.10	60	Marcellus
48	3/12/2025	12300.53	12134.69	60	Marcellus
49	3/12/2025	12099.12	11933.27	60	Marcellus
50	3/13/2025	11897.70	11731.85	60	Marcellus
51	3/13/2025	11696.28	11530.43	60	Marcellus
52	3/13/2025	11494.86	11329.02	60	Marcellus
53	3/14/2025	11293.45	11127.60	60	Marcellus
54	3/14/2025	11092.03	10926.18	60	Marcellus
55	3/14/2025	10890.61	10724.76	60	Marcellus
56	3/15/2025	10689.19	10523.35	60	Marcellus
57	3/15/2025	10487.78	10321.93	60	Marcellus
58	3/15/2025	10286.36	10120.51	60	Marcellus
59	3/16/2025	10084.94	9919.09	60	Marcellus
60	3/16/2025	9883.53	9717.68	60	Marcellus
61	3/16/2025	9682.11	9516.26	60	Marcellus
62	3/17/2025	9480.69	9314.84	60	Marcellus
63	3/17/2025	9279.27	9113.43	60	Marcellus
64	3/18/2025	9077.86	8912.01	60	Marcellus
65	3/19/2025	8876.44	8710.59	60	Marcellus
66	3/20/2025	8675.02	8509.17	60	Marcellus
67	3/20/2025	8473.60	8307.76	60	Marcellus
68	3/21/2025	8272.19	8106.34	60	Marcellus
69	3/22/2025	8070.77	7904.92	60	Marcellus
70	3/23/2025	7869.35	7703.50	60	Marcellus
71	3/24/2025	7667.93	7502.09	60	Marcellus
72	3/25/2025	7466.52	7300.67	60	Marcellus
73	3/27/2025	7265.10	7099.25	60	Marcellus
74	3/27/2025	7063.68	6897.83	60	Marcellus
75	3/27/2025	6862.27	6696.42	60	Marcellus
76	3/27/2025	6660.85	6495.00	60	Marcellus

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API 47-095-02898 Farm Name Antero Resources Corporation Well Number Acadia Unit 2H

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	74.8	8556	6449	5218	114180	3875	N/A
2	2/26/2025	93.4	9675	7253	5213	404660	7354	N/A
3	2/27/2025	94.5	10116	6739	4906	405200	7222	N/A
4	2/27/2025	93.9	10217	8396	4701	407440	7107	N/A
5	2/28/2025	95.2	10183	5138	4411	404720	7077	N/A
6	2/28/2025	94.0	10303	7172	3733	403600	7190	N/A
7	2/28/2025	94.7	10285	6549	5435	405440	7118	N/A
8	2/28/2025	96.9	10311	5341	5084	406640	7138	N/A
9	3/1/2025	97.4	10309	5844	4640	421220	7280	N/A
10	3/1/2025	94.3	10047	6480	4046	396700	7018	N/A
11	3/1/2025	96.4	10459	6551	4919	405960	7075	N/A
12	3/1/2025	97.8	10249	4191	4898	398440	7017	N/A
13	3/2/2025	97.7	10130	5232	4700	406400	7036	N/A
14	3/2/2025	96.4	9915	5707	4310	404120	7091	N/A
15	3/2/2025	98.3	10102	6398	4399	407480	7122	N/A
16	3/2/2025	95.2	9768	6358	5394	405300	7133	N/A
17	3/2/2025	98.4	9982	5457	4941	395620	6996	N/A
18	3/3/2025	99.1	9925	5637	3660	408020	7097	N/A
19	3/3/2025	95.9	9632	7159	4634	396700	7012	N/A
20	3/3/2025	92.7	9084	7583	4276	403000	6938	N/A
21	3/3/2025	97.5	9552	7541	4951	407060	7462	N/A
22	3/4/2025	96.7	9891	5778	4613	396420	6882	N/A
23	3/4/2025	96.2	9603	4601	4561	413340	7109	N/A
24	3/4/2025	97.8	9805	6844	4619	401260	6957	N/A
25	3/4/2025	91.9	8973	7193	4284	398460	6923	N/A
26	3/4/2025	94.6	9607	5584	4470	403640	6984	N/A
27	3/5/2025	97.0	9466	4867	4526	411780	7092	N/A
28	3/5/2025	95.4	9450	6710	4178	402580	6999	N/A
29	3/5/2025	91.4	8954	5852	4395	411860	7116	N/A
30	3/6/2025	95.4	9273	5570	4896	404880	7025	N/A
31	3/6/2025	97.1	9613	7878	4836	404080	6941	N/A
32	3/6/2025	95.7	9208	3953	4010	401807	7103	N/A
33	3/7/2025	94.0	9014	6544	4325	412400	7106	N/A
34	3/7/2025	95.9	9344	7539	3967	404980	7071	N/A
35	3/7/2025	98.6	8927	7324	4164	408770	7030	N/A
36	3/8/2025	97.1	9414	7741	4105	404520	6927	N/A
37	3/8/2025	97.6	9753	8006	4649	405620	6910	N/A
38	3/9/2025	95.4	8986	7605	4051	404140	7101	N/A
39	3/9/2025	96.2	9174	7201	4055	400340	6851	N/A
40	3/9/2025	95.2	9261	6897	4395	405660	7053	N/A
41	3/10/2025	96.1	8759	6674	4347	397600	7604	N/A
42	3/10/2025	96.7	8880	7043	3938	407340	6949	N/A
43	3/10/2025	96.1	9000	5113	4090	411720	6978	N/A
44	3/11/2025	93.9	8667	6900	4215	401080	6929	N/A
45	3/11/2025	96.6	8935	4068	4158	407080	6987	N/A
46	3/12/2025	90.9	8860	7142	4254	402700	6784	N/A
47	3/12/2025	97.1	8487	6248	4341	400940	6962	N/A
48	3/12/2025	99.4	8616	5959	4264	404700	6916	N/A
49	3/12/2025	95.9	8701	6723	4839	404520	7032	N/A
50	3/13/2025	96.5	8794	6527	4515	404535	6754	N/A
51	3/13/2025	96.0	8538	3708	3957	406040	6819	N/A
52	3/13/2025	95.3	8501	7427	4033	410840	6972	N/A
53	3/14/2025	97.3	8428	8266	4448	404300	6589	N/A
54	3/14/2025	97.0	8400	6554	3667	401440	6705	N/A
55	3/14/2025	96.5	8428	7978	4195	405420	6703	N/A
56	3/15/2025	96.7	8217	7560	4195	405040	6625	N/A
57	3/15/2025	97.1	8069	6320	3854	400760	6612	N/A
58	3/15/2025	95.8	7931	6652	4431	402980	6881	N/A
59	3/16/2025	97.8	8247	7400	3915	404680	6844	N/A
60	3/16/2025	96.3	8045	3719	3920	402400	6904	N/A
61	3/16/2025	97.0	7921	6263	3960	401700	6813	N/A
62	3/17/2025	98.1	7826	6203	4193	404760	6878	N/A
63	3/17/2025	99.2	8003	5941	4222	406220	7069	N/A
64	3/18/2025	96.7	7588	3650	4487	405740	7220	N/A
65	3/19/2025	96.4	7773	4062	3701	403080	7054	N/A
66	3/20/2025	96.3	7591	4342	3697	404368	6996	N/A
67	3/20/2025	98.3	7541	6245	3628	401220	7097	N/A
68	3/21/2025	96.7	7365	5086	3412	401840	6957	N/A
69	3/22/2025	96.6	7141	3824	4144	409160	6978	N/A
70	3/23/2025	98.4	7056	4159	3796	408140	7012	N/A
71	3/24/2025	98.0	7182	6416	4079	400300	6957	N/A
72	3/25/2025	98.1	7071	5933	3882	398040	6955	N/A
73	3/27/2025	97.4	7387	6243	3633	408700	6983	N/A
74	3/27/2025	98.7	7468	6695	4023	408520	6931	N/A
75	3/27/2025	97.5	6990	6602	3899	399200	6914	N/A
76	3/27/2025	97.9	6933	6599	3291	383080	6824	N/A
	AVERAGE	96	8,893	6,225	4,305	30,434,620	528,725	TOTAL

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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	1,799	1,820	1,801
Big Lime	1,829	2,280	1,801	2,282
Fifty Foot Sandstone	2,280	2,695	2,252	2,698
Gordon	2,695	2,863	2,668	2,866
Fifth Sandstone	2,863	3,149	2,836	3,152
Bayard	3,149	3,831	3,122	3,842
Speechley	3,831	4,133	3,812	4,152
Balltown	4,133	4,574	4,122	4,618
Bradford	4,574	4,870	4,588	4,934
Benson	4,870	5,083	4,904	5,161
Alexander	5,083	6,051	5,131	6,250
Sycamore	5,919	6,021	6,075	6,220
Middlesex	6,021	6,102	6,220	6,375
Burkett	6,102	6,130	6,375	6,443
Marcellus	6,130	NA	6,443	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.

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	02/26/2025
Job End Date:	03/27/2025
State:	West Virginia
County:	Tyler
API Number:	47-095-02898-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Acadia UNIT 2H
Latitude:	39.554594
Longitude:	-80.947325
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6282
Total Base Water Volume (gal)*:	23139816
Total Base Non Water Volume:	0



Water Source	Percent
Groundwater, < 1000TDS	100.00%

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
100 mesh sand	NexTier Completions Solutions	Propping Agent					
15% HCl	Tarquin	Acid					
CIA-12	NexTier Completions Solutions	Acid corrosion inhibitor					
Fincide GQ 12A	NexTier Completions Solutions	Biocide					
NBR-1	NexTier Completions Solutions	Gel Breaker					
NGA-14	NexTier Completions Solutions	Gelling Agent					
Other Chemical(s)	Listed Above	See Trade Name(s)					
StimBreak Encap APB	NexTier Completions	Breaker					

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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	86.00024	
			Crystalline Silica	14808-60-7	99.90000	13.58683	
			Water	7732-18-5	85.00000	0.26658	
			Hydrochloric Acid	7647-01-0	15.00000	0.04704	
			Chemplex-Polymer-00019	Proprietary	40.00000	0.02084	
			Isoalkanes	6742-47-8	30.00000	0.01563	
			Aluminum Oxide	1344-28-1	0.10000	0.01360	
			Distillates (Petroleum), Hydrotreated Light	64742-47-8	50.00000	0.01262	
			Chemplex-surfactant-00015	Proprietary	5.00000	0.00261	
			Glutaraldehyde	111-30-8	30.00000	0.00231	
			Chemplex-surfactant-00021	Proprietary	3.00000	0.00156	
			Bentonite	1302-78-9	5.00000	0.00126	
			Alkoxylated Isodecyl Alcohol	154518-36-2	5.00000	0.00126	
			Alkyl (C12-16) dimethylbenzylammonium chloride	68424-85-1	5.00000	0.00038	
			1-Decanaminium, N-decyl-N,N-dimethyl-,chloride	7173-51-5	5.00000	0.00038	
			Ammonium Persulfate	7727-54-0	90.00000	0.00031	
			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	

* 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%

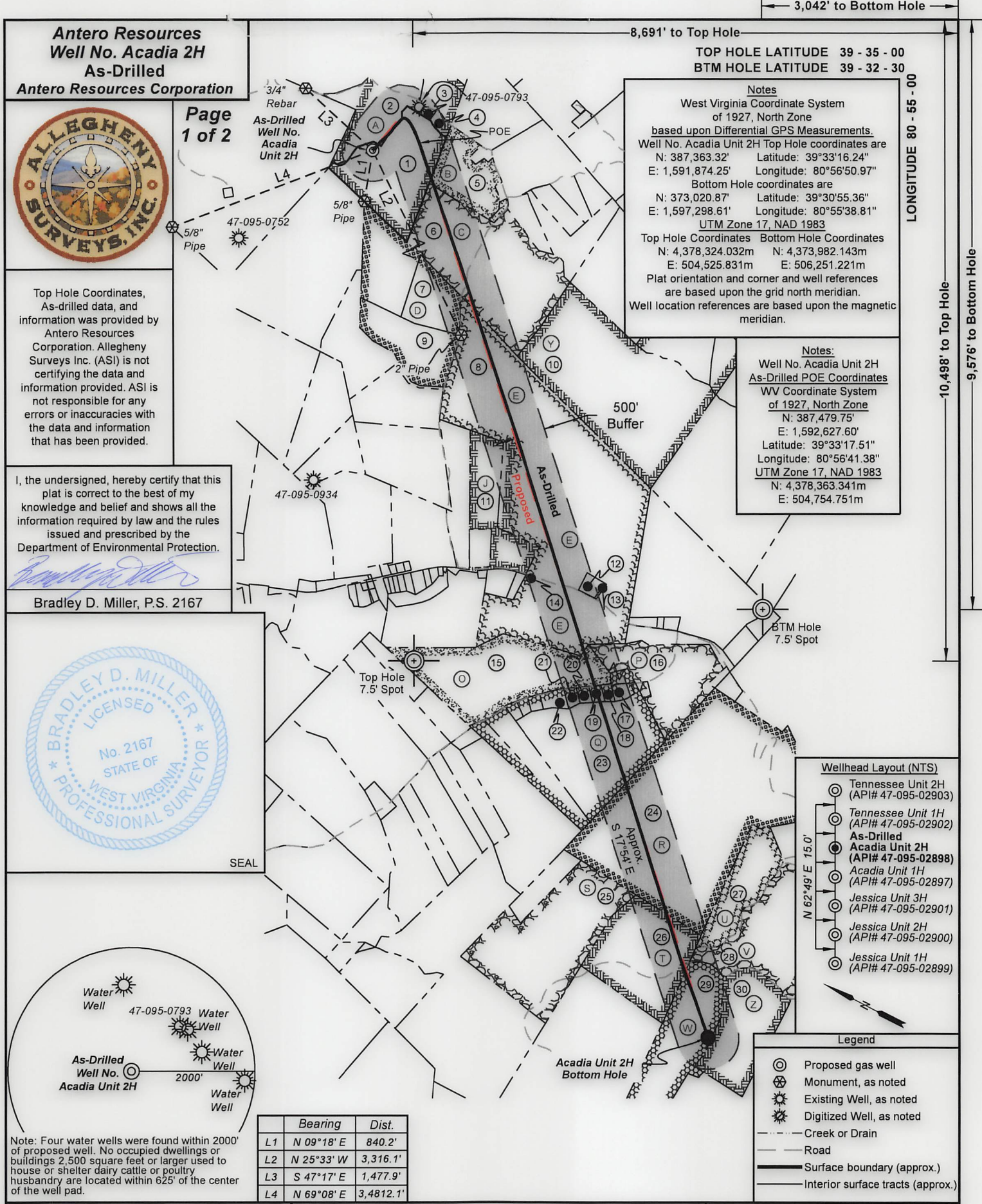
Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

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)

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

09/26/2025



Antero Resources
Well No. Acadia 2H
As-Drilled
Antero Resources Corporation

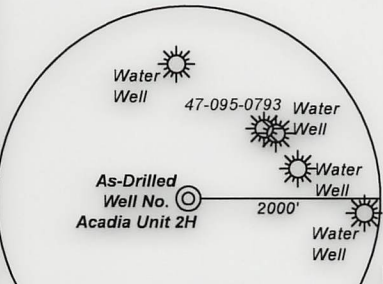


Page
1 of 2

Top Hole Coordinates,
As-drilled data, and
information was provided by
Antero Resources
Corporation. Allegheny
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, P.S. 2167



Note: Four water wells were found within 2000'
of proposed well. No occupied dwellings or
buildings 2,500 square feet or larger used to
house or shelter dairy cattle or poultry
husbandry are located within 625' of the center
of the well pad.

	Bearing	Dist.
L1	N 09°18' E	840.2'
L2	N 25°33' W	3,316.1'
L3	S 47°17' E	1,477.9'
L4	N 69°08' E	3,4812.1'

Notes
West Virginia Coordinate System
of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Acadia Unit 2H Top Hole coordinates are
N: 387,363.32' Latitude: 39°33'16.24"
E: 1,591,874.25' Longitude: 80°56'50.97"
Bottom Hole coordinates are
N: 373,020.87' Latitude: 39°30'55.36"
E: 1,597,298.61' Longitude: 80°55'38.81"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,378,324.032m N: 4,373,982.143m
E: 504,525.831m E: 506,251.221m
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. Acadia Unit 2H
As-Drilled POE Coordinates
WV Coordinate System
of 1927, North Zone
N: 387,479.75'
E: 1,592,627.60'
Latitude: 39°33'17.51"
Longitude: 80°56'41.38"
UTM Zone 17, NAD 1983
N: 4,378,363.341m
E: 504,754.751m

- Wellhead Layout (NTS)
- Tennessee Unit 2H (API# 47-095-02903)
 - Tennessee Unit 1H (API# 47-095-02902)
 - As-Drilled 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: 164-54-L-23
DRAWING NO: Acadia Unit 2H 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 20 25
OPERATOR'S WELL NO. Acadia Unit 2H
API WELL NO
47 - 095 - 02898
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 6,321' TVD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,676' 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



Leases	
A	Raymond B. Heintzman, et ux
B	Bounty Minerals, LLC
C	Bounty Minerals, LLC
D	John L. Hess
E	Lois M. & Billy J. Stern, JTWROS
J	Rose Ann Craig Lambert
O	James P. & Melissa B. Flesher, JTWROS
P	Teresa Starcher Burgey
Q	BRC Appalachian Minerals I, LLC
R	Cathy Jane Meredith, acting Trustee for the Cathy Jane Meredith Trust
S	Carolina Mineral Partners, LLC
T	James Andrew Winland
U	James W. Thomas, et ux
V	Susan Townshend, Executor of the Last Will and Testament of Ruth B. Thomas
W	James Andrew Winland
Y	Arlen Glen Wells, Jr.
Z	Mildred A. Reed

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	8-22	David E. & Ila Grace Kyle	270/206	24.63
6	8-41	David E. & Ila Grace Kyle	272/189	118.10
7	8-40	Cleatus T. Still	AR46/356	16.94
8	12-71	Shaun M. & Carrie A. Meckley	393/423	266.33
9	8-59	Burl A. & Colleen Folger	199/135	24.00
10	8-61	G.R. Meckley Family Trust	OR50/28	106.51
11	12-20.2	Shawn M. & Carrie A. Meckley	601/789	30.21
12	12-72	Billy J. & Lois M. Stern	214/439	2.15
13	12-71.2	Billy J. & Lois M. Stern	393/434	0.22
14	12-20.1	Shaun M. & Carrie A. Meckley	393/423	1.38
15	12-71.1	James Perry & Melissa Flesher	316/137	63.45
16	13-9.3	James Perry & Melissa Flesher	284/78	16.03
17	12-54.7	Jeffrey L. & Nicola S. Stewart	458/662	1.91
18	12-54.10	Justin L. & Suzanne L. Nichols	591/22	1.06
19	12-54.11	Justin L. & Suzanne L. Nichols	591/22	1.27
20	12-54.8	Justin L. & Suzanne L. Nichols	531/592	1.22
21	12-54.9	Justin L. & Suzanne L. Nichols	531/592	1.37
22	12-54.3	Teresa Jean Starcher	316/146	2.62
23	12-54	David A. Starcher	591/22	60.95
24	13-15	Cathy J. Meredith Trust	634/684	200.86
25	12-70	Starkey Farm 95, LLC	387/530	76.01
26	13-20	Jim Winland	304/421	50.75
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29	14-1	James A. & Carol Winland	WB31/209	47.48
30	14-2	Robert L. & Donald E. Reed	188/726	42.00

FILE NO: 164-54-L-23
DRAWING NO: Acadia Unit 2H 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 20 25
OPERATOR'S WELL NO. Acadia Unit 2H
API WELL NO
47 - 095 - 02898
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
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☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,676' MD

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ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

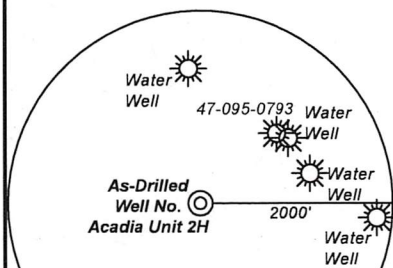
3/4"
Rebar
As-Drilled
Well No.
Acadia
Unit 2H

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, P.S. 2167



SEAL



Note: Four water wells were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

	Bearing	Dist.
L1	N 09°18' E	840.2'
L2	N 25°33' W	3,316.1'
L3	S 47°17' E	1,477.9'
L4	N 69°08' E	3,4812.1'

-8.691' to Top Hole

TOP HOLE LATITUDE 39 - 35 - 00
BTM HOLE LATITUDE 39 - 32 - 30

Notes

Notes

West Virginia Coordinate System
of 1927, North Zone
based upon Differential GPS Measurements.

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UTM Zone 17, NAD 1983

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N: 4,378,363.341m
E: 504,754.751m

LONGITUDE 80 - 55 - 00

10.498' to Top Hole-

9.576' to Bottom Hole-

Wellhead Layout (NTS)

Tennessee Unit 2H
(API# 47-095-02903)
Tennessee Unit 1H
(API# 47-095-02902)
As-Drilled
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: 164-54-L-23

DRAWING NO: Acadia Unit 2H 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 20 25

OPERATOR'S WELL NO. Acadia Unit 2H

API WELL NO

47 - 095 - 02898
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

DISTRICT: Lincoln

SURFACE OWNER: Antero Resources Corporation

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

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,676' MD

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DESIGNATED AGENT: Conrad Baston

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Denver, CO 80202

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Bridgeport, WV 26330



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28	9-32	Janet L. Cline	331/921	61.25
29	14-1	James A. & Carol Winland	WB31/209	47.48
30	14-2	Robert L. & Donald E. Reed	188/726	42.00

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Office of Oil and Gas

JUL 30 2025

WV Department of
Environmental Protection

FILE NO: 164-54-L-23
DRAWING NO: Acadia Unit 2H 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 20 25
OPERATOR'S WELL NO. Acadia Unit 2H
API WELL NO
47 - 095 - 02898
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

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