

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

API 47-095-02897 County Tyler District Lincoln
Quad Paden City Pad Name Shinn Pad Field/Pool Name -----
Farm name Antero Resources Corporation Well Number Acadia 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 4378321.931m Easting 504521.923m
Landing Point of Curve Northing 4378058.34m Easting 504575.09m
Bottom Hole Northing 4374129.130m Easting 505935.463m

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
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Date permit issued 10/28/2024 Date drilling commenced 11/15/2024 Date drilling ceased 1/19/2025
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

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

API 47-095 - 02897

Farm name Antero Resources Corporation Well number Acadia 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"	460'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3091'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	20763'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6215'		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	1113 sx	15.8	1.15	1280	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	3300 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.77 (Lead), 1.32 (Tail)	4356	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 20763' MD, 6317' TVD (BHL), 6317' (Deepest Point Drilled)

Loggers TD (ft) ' MD

Deepest formation penetrated Marcellus

Plug back to (ft) N/A

Plug back procedure N/A

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Kick off depth (ft) 5332'

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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

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API 47- 095 - 02897 Farm name Antero Resources Corporation Well number Acadia 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**

Please insert additional pages as applicable.

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API 47- 095 - 02897 Farm name Antero Resources Corporation Well number Acadia Unit 1H

PRODUCING FORMATION(S)	DEPTHS
Marcellus	6124' (TOP) TVD 6340' (TOP) MD

Please insert additional pages as applicable.

GAS TEST ☐ Build up ☐ Drawdown ☒ Open Flow OIL TEST ☒ Flow ☐ Pump
SHUT-IN PRESSURE Surface 1113 psi Bottom Hole --- psi DURATION OF TEST --- hrs
OPEN FLOW Gas 14803 mcfpd Oil 443 bpd NGL --- bpd Water 1631 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

Exhibit 1

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	2/26/2025	20707.40	20692.50	60	Marcellus
2	2/26/2025	20653.74	20487.93	60	Marcellus
3	2/26/2025	20452.37	20286.56	60	Marcellus
4	2/27/2025	20251.00	20085.19	60	Marcellus
5	2/27/2025	20049.63	19883.82	60	Marcellus
6	2/28/2025	19848.26	19682.45	60	Marcellus
7	2/28/2025	19646.89	19481.08	60	Marcellus
8	2/28/2025	19445.52	19279.71	60	Marcellus
9	3/1/2025	19244.15	19078.34	60	Marcellus
10	3/1/2025	19042.77	18876.97	60	Marcellus
11	3/1/2025	18841.40	18675.60	60	Marcellus
12	3/1/2025	18640.03	18474.23	60	Marcellus
13	3/2/2025	18438.66	18272.85	60	Marcellus
14	3/2/2025	18237.29	18071.48	60	Marcellus
15	3/2/2025	18035.92	17870.11	60	Marcellus
16	3/2/2025	17834.55	17668.74	60	Marcellus
17	3/2/2025	17633.18	17467.37	60	Marcellus
18	3/3/2025	17431.81	17266.00	60	Marcellus
19	3/3/2025	17230.44	17064.63	60	Marcellus
20	3/3/2025	17029.07	16863.26	60	Marcellus
21	3/3/2025	16827.70	16661.89	60	Marcellus
22	3/3/2025	16626.33	16460.52	60	Marcellus
23	3/4/2025	16424.96	16259.15	60	Marcellus
24	3/4/2025	16223.59	16057.78	60	Marcellus
25	3/4/2025	16022.22	15856.41	60	Marcellus
26	3/4/2025	15820.85	15655.04	60	Marcellus
27	3/5/2025	15619.48	15453.67	60	Marcellus
28	3/5/2025	15418.11	15252.30	60	Marcellus
29	3/5/2025	15216.74	15050.93	60	Marcellus
30	3/6/2025	15015.37	14849.56	60	Marcellus
31	3/6/2025	14814.00	14648.19	60	Marcellus
32	3/6/2025	14612.63	14446.82	60	Marcellus
33	3/7/2025	14411.26	14245.45	60	Marcellus
34	3/7/2025	14209.88	14044.08	60	Marcellus
35	3/7/2025	14008.51	13842.71	60	Marcellus
36	3/8/2025	13807.14	13641.34	60	Marcellus
37	3/8/2025	13605.77	13439.96	60	Marcellus
38	3/9/2025	13404.40	13238.59	60	Marcellus
39	3/9/2025	13203.03	13037.22	60	Marcellus
40	3/9/2025	13001.66	12835.85	60	Marcellus
41	3/10/2025	12800.29	12634.48	60	Marcellus
42	3/10/2025	12598.92	12433.11	60	Marcellus
43	3/10/2025	12397.55	12231.74	60	Marcellus
44	3/11/2025	12196.18	12030.37	60	Marcellus
45	3/11/2025	11994.81	11829.00	60	Marcellus
46	3/11/2025	11793.44	11627.63	60	Marcellus
47	3/12/2025	11592.07	11426.26	60	Marcellus
48	3/12/2025	11390.70	11224.89	60	Marcellus
49	3/12/2025	11189.33	11023.52	60	Marcellus
50	3/13/2025	10987.96	10822.15	60	Marcellus
51	3/13/2025	10786.59	10620.78	60	Marcellus
52	3/13/2025	10585.22	10419.41	60	Marcellus
53	3/14/2025	10383.85	10218.04	60	Marcellus
54	3/14/2025	10182.48	10016.67	60	Marcellus
55	3/14/2025	9981.11	9815.30	60	Marcellus
56	3/15/2025	9779.74	9613.93	60	Marcellus
57	3/15/2025	9578.37	9412.56	60	Marcellus
58	3/15/2025	9376.99	9211.19	60	Marcellus
59	3/16/2025	9175.62	9009.82	60	Marcellus
60	3/16/2025	8974.25	8808.45	60	Marcellus
61	3/16/2025	8772.88	8607.07	60	Marcellus
62	3/17/2025	8571.51	8405.70	60	Marcellus
63	3/17/2025	8370.14	8204.33	60	Marcellus
64	3/18/2025	8168.77	8002.96	60	Marcellus
65	3/19/2025	7967.40	7801.59	60	Marcellus
66	3/19/2025	7766.03	7600.22	60	Marcellus
67	3/20/2025	7564.66	7398.85	60	Marcellus
68	3/21/2025	7363.29	7197.48	60	Marcellus
69	3/22/2025	7161.92	6996.11	60	Marcellus
70	3/23/2025	6960.55	6794.74	60	Marcellus
71	3/24/2025	6759.18	6593.37	60	Marcellus
72	3/25/2025	6557.81	6392.00	60	Marcellus

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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	79.6	9999	8957	4934	119900	3925	N/A
2	2/26/2025	95.7	9781	6915	4753	405100	7402	N/A
3	2/26/2025	91.5	9390	6718	3994	401220	7185	N/A
4	2/27/2025	94.6	9914	6824	3569	414180	7072	N/A
5	2/27/2025	94.6	10193	6751	4466	403440	7123	N/A
6	2/28/2025	95.3	10245	6272	4857	409620	7124	N/A
7	2/28/2025	88.6	9559	6433	4455	411780	7092	N/A
8	2/28/2025	95.8	10213	5358	5198	404880	7081	N/A
9	3/1/2025	97.3	10190	5878	5271	401900	7121	N/A
10	3/1/2025	97.2	10268	3672	4276	400900	7084	N/A
11	3/1/2025	98.8	10253	6740	4577	400580	6984	N/A
12	3/1/2025	93.6	9902	4137	4420	407460	7182	N/A
13	3/2/2025	97.7	9871	5229	4915	398100	6864	N/A
14	3/2/2025	97.5	9896	5218	4748	405140	8094	N/A
15	3/2/2025	98.7	9961	6382	4038	403180	7017	N/A
16	3/2/2025	96.4	9670	6215	4254	412500	7091	N/A
17	3/2/2025	97.4	9831	5569	4585	401860	7074	N/A
18	3/3/2025	97.5	9871	5503	4410	404180	7039	N/A
19	3/3/2025	98.1	9439	7378	4349	410900	7153	N/A
20	3/3/2025	95.1	9237	6778	4745	413300	7082	N/A
21	3/3/2025	98.6	9823	7286	4509	399500	6915	N/A
22	3/3/2025	97.2	9554	4871	5087	412440	7109	N/A
23	3/4/2025	96.6	9592	5533	4876	399160	6837	N/A
24	3/4/2025	98.4	9678	7474	4794	414620	7051	N/A
25	3/4/2025	97.4	9672	7834	4129	403900	7032	N/A
26	3/4/2025	95.3	9378	6521	4579	413440	7022	N/A
27	3/5/2025	97.0	9327	5011	4662	403340	6956	N/A
28	3/5/2025	97.2	9346	7392	4844	406260	6957	N/A
29	3/5/2025	88.9	8572	6286	4466	405380	6985	N/A
30	3/6/2025	94.9	8767	4920	3844	407320	7093	N/A
31	3/6/2025	94.8	9168	7076	4696	404960	7090	N/A
32	3/6/2025	98.4	9015	5897	4503	401180	6923	N/A
33	3/7/2025	92.9	8489	4475	4053	404600	7144	N/A
34	3/7/2025	91.1	8428	6773	3330	411000	7062	N/A
35	3/7/2025	98.9	8897	6143	3538	405060	7015	N/A
36	3/8/2025	96.2	8629	6063	4236	410760	7040	N/A
37	3/8/2025	97.9	9082	7525	4149	404600	6909	N/A
38	3/9/2025	96.2	8383	6079	3842	411800	7042	N/A
39	3/9/2025	96.0	8603	7354	4244	404780	6981	N/A
40	3/9/2025	94.5	8367	7274	3472	410080	7032	N/A
41	3/10/2025	93.5	8367	6923	4394	404320	6956	N/A
42	3/10/2025	97.7	8374	5820	4412	406280	6914	N/A
43	3/10/2025	95.9	8689	5201	4349	404600	6868	N/A
44	3/11/2025	96.2	8372	6376	4569	405360	6972	N/A
45	3/11/2025	95.1	8475	5985	3792	400240	7013	N/A
46	3/11/2025	95.4	8215	5587	4160	406020	6932	N/A
47	3/12/2025	96.3	8131	5904	4309	404440	6646	N/A
48	3/12/2025	90.5	7577	5846	4061	403260	6799	N/A
49	3/12/2025	95.6	8246	6235	3911	406220	6925	N/A
50	3/13/2025	95.0	8555	5945	4191	398880	6784	N/A
51	3/13/2025	96.2	8294	6885	3846	403660	6876	N/A
52	3/13/2025	95.2	7859	5015	4471	405180	6857	N/A
53	3/14/2025	96.9	7959	7437	4213	397920	6598	N/A
54	3/14/2025	97.2	8047	6350	4473	407260	6649	N/A
55	3/14/2025	95.9	8025	5604	4882	408260	6722	N/A
56	3/15/2025	96.6	8028	6879	4442	403060	6506	N/A
57	3/15/2025	97.0	8017	6277	3899	404660	6676	N/A
58	3/15/2025	96.6	7589	5646	3918	408780	6969	N/A
59	3/16/2025	98.1	7847	7967	3875	392780	6757	N/A
60	3/16/2025	98.5	7796	6199	4381	418900	6989	N/A
61	3/16/2025	96.1	7564	6076	3969	406220	6886	N/A
62	3/17/2025	97.8	7623	7618	4425	409320	6842	N/A
63	3/17/2025	95.6	7583	4138	3650	411380	7059	N/A
64	3/18/2025	96.7	7280	5027	3896	405560	7222	N/A
65	3/19/2025	95.6	7301	3285	4355	402720	7163	N/A
66	3/19/2025	98.7	7434	5398	3515	406100	7193	N/A
67	3/20/2025	96.4	6953	4296	4173	406920	7051	N/A
68	3/21/2025	98.0	7018	3859	4304	406880	6994	N/A
69	3/22/2025	97.6	6863	4742	4238	407920	7036	N/A
70	3/23/2025	97.6	6834	4398	3723	405640	7076	N/A
71	3/24/2025	99.4	7051	6300	3915	411600	7168	N/A
72	3/25/2025	96.2	6824	6246	3815	407360	7043	N/A
AVERAGE		96	8,712	6,058	4,294	28,942,000	501,125	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	1,799
Big Lime	1,829	2,295	1,799	2,295
Fifty Foot Sandstone	2,295	2,710	2,265	2,710
Gordon	2,710	2,879	2,680	2,880
Fifth Sandstone	2,879	3,165	2,850	3,165
Bayard	3,165	3,835	3,135	3,840
Speechley	3,835	4,143	3,810	4,151
Balltown	4,143	4,572	4,121	4,586
Bradford	4,572	4,875	4,556	4,894
Benson	4,875	5,098	4,864	5,119
Alexander	5,098	6,046	5,089	6,152
Sycamore	5,916	6,016	5,981	6,122
Middlesex	6,016	6,097	6,122	6,274
Burkett	6,097	6,124	6,274	6,340
Marcellus	6,124	NA	6,340	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:	03/25/2025
State:	West Virginia
County:	Tyler
API Number:	47-095-02897-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Acadia UNIT 1H
Latitude:	39.554575
Longitude:	-80.947372
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6273
Total Base Water Volume (gal)*:	21871668
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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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	85.92708	
			Crystalline Silica	14808-60-7	99.90000	13.65805	
			Water	7732-18-5	85.00000	0.26798	
			Hydrochloric Acid	7647-01-0	15.00000	0.04729	
			Chemplex-Polymer-00019	Proprietary	40.00000	0.02090	
			Isoalkanes	6742-47-8	30.00000	0.01567	
			Aluminum Oxide	1344-28-1	0.10000	0.01367	
			Distillates (Petroleum), Hydrotreated Light	64742-47-8	50.00000	0.01259	
			Chemplex-surfactant-00015	Proprietary	5.00000	0.00261	
			Glutaraldehyde	111-30-8	30.00000	0.00236	
			Chemplex-surfactant-00021	Proprietary	3.00000	0.00157	
			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	0.00039	
			1-Decanaminium, N-decyl- N,N-dimethyl-,chloride	7173-51-5	5.00000	0.00039	
			Ammonium Persulfate	7727-54-0	90.00000	0.00021	
			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)

RECEIVED
Office of Oil and Gas

JUL 30 2025

WV Department of
Environmental Protection

09/26/2025

Antero Resources

Well No. Acadia 1H

As-Drilled

Antero Resources Corporation

ALLEGHENY

SURVEYS, INC.

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

BRADLEY D. MILLER

LICENSED

No. 2167

STATE OF

WEST VIRGINIA

PROFESSIONAL SURVEYOR

SEAL

Water Well

47-095-0793

Water Well

As-Drilled Well No. Acadia Unit 1H

2000'

Water Well

Water Well

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 08°27' E	830.9'
L2	N 25°49' W	3,315.5'
L3	S 46°43' E	1,472.9'
L4	N 69°10' E	3,466.7'

8,703' to Top Hole

4,078' to Bottom Hole

TOP HOLE LATITUDE 39 - 35 - 00

BTM HOLE LATITUDE 39 - 32 - 30

LONGITUDE 80 - 55 - 00

LONGITUDE 80 - 55 - 00

10,505' to Top Hole

9,093' to Bottom Hole

Notes

West Virginia Coordinate System
of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Acadia Unit 1H Top Hole coordinates are
N: 387,356.64' Latitude: 39°33'16.17"
E: 1,591,861.31' Longitude: 80°56'51.13"
Bottom Hole coordinates are
N: 373,520.53' Latitude: 39°31'00.13"
E: 1,596,270.49' Longitude: 80°55'52.03"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,378,321.931m N: 4,374,129.130m
E: 504,521.923m E: 505,935.463m
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 1H
As-Drilled POE Coordinates
WV Coordinate System
of 1927, North Zone
N: 387,208.95'
E: 1,591,848.38'
Latitude: 39°33'14.71"
Longitude: 80°56'51.27"
UTM Zone 17, NAD 1983
N: 4,378,276.870m
E: 504,518.734m

3/4" Rebar

5/8" Pipe

5/8" Pipe

2" Pipe

500' Buffer

Detail "A" on Page 2

BTM Hole 7.5' Spot

Top Hole 7.5' Spot

As-Drilled

Acadia Unit 1H Bottom Hole

Wellhead Layout (NTS)

Tennessee Unit 2H
(API# 47-095-02903)

Tennessee Unit 1H
(API# 47-095-02902)

Acadia Unit 2H
(API# 47-095-02898)

As-Drilled 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.)

District Line

FILE NO: 164-54-L-23

DRAWING NO: Acadia 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. Acadia Unit 1H

API WELL NO

47 - 095 - 02897

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 6,317' TVD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,763' 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



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	8-19	Olive Branch Animal Rescue	333/804	173.48
4	8-39	Virginia A. Nalley	190/482	70.65
5	8-41	David E. & Ila Grace Kyle	272/189	118.10
6	8-40	Cleatus T. Still	AR46/356	16.94
7	8-59	Burl A. & Colleen Folger	199/135	24.00
8	12-71	Shaun M. & Carrie A. Meckley	393/423	266.33
9	8-39.1	Gary G. Jr. & Debbie Ann Phillips	404/299	33.13
10	8-58	Jerry R. Brightwell & Gwendolyn C. Davies	343/841	20.16
11	12-19	Joseph C. & Nancy E. Starkey	217/203	17.00
12	8-57	Douglas Ray Carson, Jr.	595/111	33.84
13	12-20.2	Shawn M. & Carrie A. Meckley	601/789	30.21
14	12-20.4	Joseph C. & Nancy E. Starkey	579/666	4.85
15	12-20	Gary G. Sr. & Mary E. Phillips	308/508	3.82
16	12-42	Ray T. & Amy S. Fluharty	227/16	0.42
17	12-20.3	Kathleen Cooley	618/455	1.38
18	12-20.1	Shaun M. & Carrie A. Meckley	393/423	1.38
19	12-41	Shaun M. & Carrie A. Meckley	633/569	43.28
20	12-71.1	James Perry & Melissa Flesher	316/137	63.45
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	12-54.4	Charles Matthew & Christina R. Duke	564/350	1.11
24	12-54.5	Charles R. Duke	349/511	1.01
25	12-54.6	Thomas & Nova Lee Fonner	243/392	1.12
26	12-54	David A. Starcher	591/22	60.95
27	12-54.2	Jane Ann Magruder	322/333	15.84
28	12-68	Denver R. II & Deborah L. Starcher	475/380	51.41
29	13-15	Cathy J. Meredith Trust	634/684	200.86
30	12-69	Denver R. II & Deborah L. Starcher	475/380	10.00
31	12-70	Starkey Farm 95, LLC	387/530	76.01
32	13-20	Jim Winland	304/421	50.75
33	13-1	James L. & Martha Jo Stewart	330/931	194.04
34	14-1	James A. & Carol Winland	WB31/209	47.48

Leases	
A	Raymond B. Heintzman, et ux
C	Bounty Minerals, LLC
D	John L. Hess
E	Lois M. & Billy J. Stern, JTWROS
F	Virginia A. Nalley
G	Jerry R. Brightwell, et ux
H	Julia Ann Ford
I	Bounty Minerals, LLC
J	Rose Ann Craig Lambert
K	Joseph Clair Starkey, et ux
L	Gary W. Phillips, et ux
M	Kenny W. Harter
N	Roy L. Craig
O	James P. & Melissa B. Flesher, JTWROS
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
W	James Andrew Winland
Y	BRC Appalachian Minerals I, LLC
Z	Nevin Porter, et al

FILE NO: 164-54-L-23

DRAWING NO: Acadia 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. Acadia Unit 1H

API WELL NO

47 - 095 - 02897

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 6,317' TVD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,763' 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

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

ALLEGHENY
SURVEYS, INC.

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

BRADLEY D. MILLER
LICENSED
No. 2167
STATE OF
WEST VIRGINIA
PROFESSIONAL SURVEYOR

SEAL

Water Well
47-095-0793

Water Well

As-Drilled
Well No.
Acadia Unit 1H

Water Well

Water Well

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 08°27' E	830.9'
L2	N 25°49' W	3,315.5'
L3	S 46°43' E	1,472.9'
L4	N 69°10' E	3,466.7'

8,703' to Top Hole

4,078' to Bottom Hole

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

LONGITUDE 80 - 55 - 00

LONGITUDE 80 - 55 - 00

10,505' to Top Hole

9,093' to Bottom Hole

Notes
West Virginia Coordinate System
of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Acadia Unit 1H Top Hole coordinates are
N: 387,356.64' Latitude: 39°33'16.17"
E: 1,591,861.31' Longitude: 80°56'51.13"
Bottom Hole coordinates are
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UTM Zone 17, NAD 1983
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Plat orientation and corner and well references
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Well location references are based upon the magnetic
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Notes:
Well No. Acadia Unit 1H
As-Drilled POE Coordinates
WV Coordinate System
of 1927, North Zone
N: 387,208.95'
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Longitude: 80°56'51.27"
UTM Zone 17, NAD 1983
N: 4,378,276.870m
E: 504,518.734m

As-Drilled
Well No.
Acadia
Unit 1H

500' Buffer

Top Hole
7.5' Spot

BTM Hole
7.5' Spot

As-Drilled
Well No.
Acadia
Unit 1H
Bottom Hole

Acadia Unit 1H
Bottom Hole

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

Wellhead Layout (NTS)
Tennessee Unit 2H
(API# 47-095-02903)
Tennessee Unit 1H
(API# 47-095-02902)
Acadia Unit 2H
(API# 47-095-02898)
As-Drilled
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.)
District Line

FILE NO: 164-54-L-23
DRAWING NO: Acadia Unit 1H As-Drilled
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

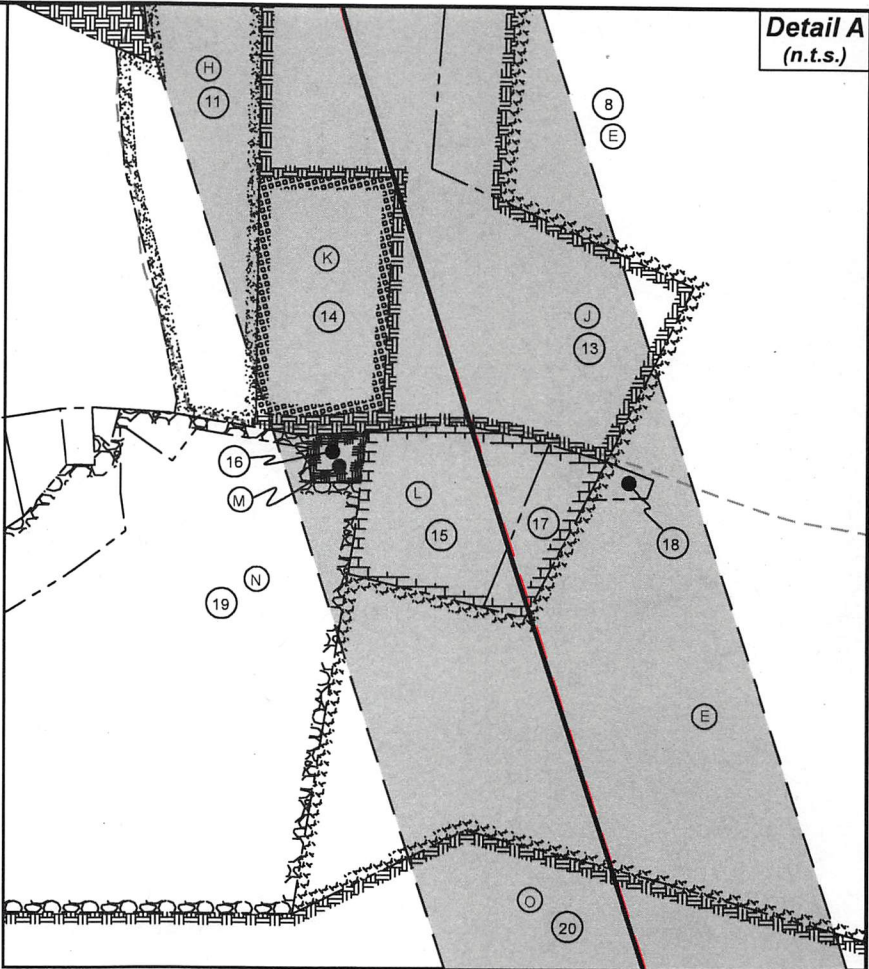
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: July 28 2025
OPERATOR'S WELL NO. Acadia Unit 1H
API WELL NO
47 - 095 - 02897
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 6,317' TVD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,763' 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



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	8-19	Olive Branch Animal Rescue	333/804	173.48
4	8-39	Virginia A. Nalley	190/482	70.65
5	8-41	David E. & Ila Grace Kyle	272/189	118.10
6	8-40	Cleatus T. Still	AR46/356	16.94
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8	12-71	Shaun M. & Carrie A. Meckley	393/423	266.33
9	8-39.1	Gary G. Jr. & Debbie Ann Phillips	404/299	33.13
10	8-58	Jerry R. Brightwell & Gwendolyn C. Davies	343/841	20.16
11	12-19	Joseph C. & Nancy E. Starkey	217/203	17.00
12	8-57	Douglas Ray Carson, Jr.	595/111	33.84
13	12-20.2	Shawn M. & Carrie A. Meckley	601/789	30.21
14	12-20.4	Joseph C. & Nancy E. Starkey	579/666	4.85
15	12-20	Gary G. Sr. & Mary E. Phillips	308/508	3.82
16	12-42	Ray T. & Amy S. Fluharty	227/16	0.42
17	12-20.3	Kathleen Cooley	618/455	1.38
18	12-20.1	Shaun M. & Carrie A. Meckley	393/423	1.38
19	12-41	Shaun M. & Carrie A. Meckley	633/569	43.28
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22	12-54.3	Teresa Jean Starcher	316/146	2.62
23	12-54.4	Charles Matthew & Christina R. Duke	564/350	1.11
24	12-54.5	Charles R. Duke	349/511	1.01
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26	12-54	David A. Starcher	591/22	60.95
27	12-54.2	Jane Ann Magruder	322/333	15.84
28	12-68	Denver R. II & Deborah L. Starcher	475/380	51.41
29	13-15	Cathy J. Meredith Trust	634/684	200.86
30	12-69	Denver R. II & Deborah L. Starcher	475/380	10.00
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32	13-20	Jim Winland	304/421	50.75
33	13-1	James L. & Martha Jo Stewart	330/931	194.04
34	14-1	James A. & Carol Winland	WB31/209	47.48

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Office of Oil and Gas

JUL 30 2025

WV Department of
Environmental Protection

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F	Virginia A. Nalley
G	Jerry R. Brightwell, et ux
H	Julia Ann Ford
I	Bounty Minerals, LLC
J	Rose Ann Craig Lambert
K	Joseph Clair Starkey, et ux
L	Gary W. Phillips, et ux
M	Kenny W. Harter
N	Roy L. Craig
O	James P. & Melissa B. Flesher, JTWROS
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
W	James Andrew Winland
Y	BRC Appalachian Minerals I, LLC
Z	Nevin Porter, et al

FILE NO: 164-54-L-23
DRAWING NO: Acadia 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. Acadia Unit 1H
API WELL NO
47 - 095 - 02897
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
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LOCATION: ELEVATION: As-Built 1,036' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City
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