

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

API 47 - 033 - 06119 County Harrison District Eagle & Sardis
Quad Wolf Summit Pad Name Flanigan Pad Field/Pool Name -----
Farm name Robert G. & Christine E. Flanigan, et al Well Number Bream 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 4355348.136m Easting 552093.366m
Landing Point of Curve Northing 4355848.60m Easting 551855.75m
Bottom Hole Northing 4359780.675m Easting 550521.810m

Elevation (ft) 1154.4' 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 9/18/2025 Date drilling commenced 10/16/2025 Date drilling ceased 12/17/2025
Date completion activities began 2/13/2026 Date completion activities ceased 4/1/2026
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 424' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1176' 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

Reviewed
Approved

Reviewed by:

J. H. Probst
08/28/2026
8-15-2026

API 47-033 - 06119 Farm name Robert G. & Christine E. Flanigan, et al Well number Bream 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"	125.5'	New	94#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	543'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3538'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	22258'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	7056'		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	285 sx	15.6	1.18	336	0'	8 Hrs.
Surface	Class A	469 sx	15.6	1.19	558	0'	8 Hrs.
Coal							
Intermediate 1	Class H	1202 sx	15.6	1.18	1429	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class G	4202 sx (Tail)	13.5 (Lead), 15.2 (Tail)	1.26 (Tail)	5349	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 22258' MD, 7003' TVD (BHL), 7122' (Deepest Point Drilled) Loggers TD (ft) 22258' MD

Deepest formation penetrated Marcellus Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 6417'

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

08/28/2026

API 47- 033 - 06119 Farm name Robert G. & Christine E. Flanigan, et al Well number Bream 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.

08/28/2026

Farm name Robert G. & Christine E. Flanigan, et al Well number Bream Unit 1H

DEPTHS

OIL TEST Flow Pump

OPEN FLOW	Gas		Oil		NGL		Water		GAS MEASURED BY		
19652	mcfpd	0.04	bpd	---	bpd	902	bpd		☐ Estimated	☒ Orifice	☐ Pilot

[illegible]

***PLEASE SEE ATTACHED EXHIBIT 3**

					RECEIVED
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					JUN 26 2026
					U.S. Department of Environmental Protection

Address	912 N Eagle Valley Rd	City	Howard	State	PA	Zip	16841
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Address 6500 West Fwy City Fort Worth State TX Zip 76116

Address 5599 San Felipe City Houston State TX Zip 77056

Address	1650 Hackers Creek Rd	City	Jane Lew	State	WV	Zip	26378
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Telephone 303-357-7373

Signature  Title Permitting Agent Date 6/4/2026

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

08/28/2026

API 47-033-06119 Farm Name Robert G. & Christine E. Flanigan, et al Well Number Bream Unit 1H					
Exhibit 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	2/13/2026	22213.0	22198.0	60	Marcellus
2	2/13/2026	22159.8	21995.7	60	Marcellus
3	2/15/2026	21960.4	21796.3	60	Marcellus
4	2/15/2026	21761.1	21597.0	60	Marcellus
5	2/15/2026	21561.8	21397.7	60	Marcellus
6	2/16/2026	21362.4	21198.3	60	Marcellus
7	2/16/2026	21163.1	20999.0	60	Marcellus
8	2/17/2026	20963.8	20799.7	60	Marcellus
9	2/17/2026	20764.4	20600.3	60	Marcellus
10	2/18/2026	20565.1	20401.0	60	Marcellus
11	2/18/2026	20365.8	20201.7	60	Marcellus
12	2/18/2026	20166.4	20002.3	60	Marcellus
13	2/19/2026	19967.1	19803.0	60	Marcellus
14	2/19/2026	19767.8	19603.7	60	Marcellus
15	2/20/2026	19568.4	19404.3	60	Marcellus
16	2/20/2026	19369.1	19205.0	60	Marcellus
17	2/20/2026	19169.8	19005.7	60	Marcellus
18	2/21/2026	18970.4	18806.3	60	Marcellus
19	2/21/2026	18771.1	18607.0	60	Marcellus
20	2/22/2026	18571.8	18407.7	60	Marcellus
21	2/22/2026	18372.4	18208.3	60	Marcellus
22	2/22/2026	18173.1	18009.0	60	Marcellus
23	2/23/2026	17973.8	17809.7	60	Marcellus
24	2/23/2026	17774.4	17610.3	60	Marcellus
25	2/24/2026	17575.1	17411.0	60	Marcellus
26	2/24/2026	17375.8	17211.7	60	Marcellus
27	2/24/2026	17176.4	17012.3	60	Marcellus
28	2/25/2026	16977.1	16813.0	60	Marcellus
29	2/25/2026	16777.8	16613.7	60	Marcellus
30	2/26/2026	16578.4	16414.3	60	Marcellus
31	2/26/2026	16379.1	16215.0	60	Marcellus
32	2/26/2026	16179.8	16015.7	60	Marcellus
33	2/27/2026	15980.4	15816.3	60	Marcellus
34	2/27/2026	15781.1	15617.0	60	Marcellus
35	2/27/2026	15581.8	15417.7	60	Marcellus
36	2/28/2026	15382.4	15218.3	60	Marcellus
37	2/28/2026	15183.1	15019.0	60	Marcellus
38	2/28/2026	14983.8	14819.7	60	Marcellus
39	3/1/2026	14784.4	14620.3	60	Marcellus
40	3/1/2026	14585.1	14421.0	60	Marcellus
41	3/1/2026	14385.8	14221.7	60	Marcellus
42	3/1/2026	14186.4	14022.3	60	Marcellus
43	3/1/2026	13987.1	13823.0	60	Marcellus
44	3/2/2026	13787.8	13623.7	60	Marcellus
45	3/2/2026	13588.4	13424.3	60	Marcellus
46	3/2/2026	13389.1	13225.0	60	Marcellus
47	3/3/2026	13189.8	13025.7	60	Marcellus
48	3/3/2026	12990.4	12826.3	60	Marcellus
49	3/3/2026	12791.1	12627.0	60	Marcellus
50	3/4/2026	12591.8	12427.7	60	Marcellus
51	3/4/2026	12392.4	12228.3	60	Marcellus
52	3/4/2026	12193.1	12029.0	60	Marcellus
53	3/4/2026	11993.8	11829.7	60	Marcellus
54	3/5/2026	11794.4	11630.3	60	Marcellus
55	3/5/2026	11595.1	11431.0	60	Marcellus
56	3/5/2026	11395.8	11231.7	60	Marcellus
57	3/6/2026	11196.4	11032.3	60	Marcellus
58	3/6/2026	10997.1	10833.0	60	Marcellus
59	3/6/2026	10797.8	10633.7	60	Marcellus
60	3/7/2026	10598.4	10434.3	60	Marcellus
61	3/7/2026	10399.1	10235.0	60	Marcellus
62	3/7/2026	10199.8	10035.7	60	Marcellus
63	3/8/2026	10000.4	9836.3	60	Marcellus
64	3/8/2026	9801.1	9637.0	60	Marcellus
65	3/8/2026	9601.8	9437.7	60	Marcellus
66	3/8/2026	9402.4	9238.3	60	Marcellus
67	3/9/2026	9203.1	9039.0	60	Marcellus
68	3/9/2026	9003.8	8839.7	60	Marcellus
69	3/9/2026	8804.4	8640.3	60	Marcellus
70	3/9/2026	8605.1	8441.0	60	Marcellus
71	3/10/2026	8405.8	8241.7	60	Marcellus
72	3/10/2026	8206.4	8042.3	60	Marcellus
73	3/10/2026	8007.1	7843.0	60	Marcellus
74	3/10/2026	7807.8	7643.7	60	Marcellus
75	3/11/2026	7608.4	7444.3	60	Marcellus
76	3/11/2026	7409.1	7245.0	60	Marcellus

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08/28/2026

API 47-033-06119 Farm Name Robert G. & Christine E. Flanigan, et al Well Number Bream 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	2/13/2026	71.8	10065	7957	4797	110945	4296	N/A
2	2/13/2026	95.3	10603	7925	5980	401540	7023	N/A
3	2/15/2026	92.7	10640	6445	5556	401720	7090	N/A
4	2/15/2026	96.9	10784	6384	5742	398842	7492	N/A
5	2/15/2026	95.3	10815	5766	4943	401080	7131	N/A
6	2/16/2026	95.7	10805	6238	5691	402190	7076	N/A
7	2/16/2026	97.0	10878	5300	5620	399640	7449	N/A
8	2/17/2026	97.2	10880	6922	5276	400270	7114	N/A
9	2/17/2026	97.9	11032	5719	5338	400400	6902	N/A
10	2/18/2026	96.1	10953	6454	5120	402130	6978	N/A
11	2/18/2026	97.2	11035	6081	5441	404048	6977	N/A
12	2/18/2026	98.2	10885	6601	5296	401540	6963	N/A
13	2/19/2026	97.8	10886	6062	6392	404884	8870	N/A
14	2/19/2026	97.7	10998	6376	6207	400780	7039	N/A
15	2/20/2026	98.3	10771	6044	5747	401540	7070	N/A
16	2/20/2026	98.1	10852	6100	5806	401540	7115	N/A
17	2/20/2026	98.8	10973	5051	5610	401540	6933	N/A
18	2/21/2026	96.2	10632	7860	5779	400286	6979	N/A
19	2/21/2026	97.5	10735	6004	5565	399906	7120	N/A
20	2/22/2026	99.1	10732	6440	4925	401540	6991	N/A
21	2/22/2026	94.4	10408	6084	5552	401008	8578	N/A
22	2/22/2026	98.8	10826	7226	6072	408228	7049	N/A
23	2/23/2026	98.3	10302	5028	6363	400248	7030	N/A
24	2/23/2026	97.8	10162	6552	5784	401540	6781	N/A
25	2/24/2026	98.5	9999	5928	5672	401540	6949	N/A
26	2/24/2026	98.3	10080	6149	5846	402832	6968	N/A
27	2/24/2026	98.7	10056	4028	5975	401540	7249	N/A
28	2/25/2026	97.7	10086	6481	5906	401485	6850	N/A
29	2/25/2026	97.4	10115	6245	5788	403200	6739	N/A
30	2/26/2026	99.1	10198	6282	5816	409240	7016	N/A
31	2/26/2026	97.1	9923	6910	5719	407120	6850	N/A
32	2/26/2026	98.9	10097	6250	5614	406143	6795	N/A
33	2/27/2026	98.8	10095	4963	6424	402980	6731	N/A
34	2/27/2026	97.3	9771	6287	5764	401900	7071	N/A
35	2/27/2026	98.7	9614	7059	5649	403000	6965	N/A
36	2/28/2026	99.4	9917	6639	5776	403000	6866	N/A
37	2/28/2026	97.6	9667	6795	5784	401500	6767	N/A
38	2/28/2026	96.4	9594	6318	5513	412260	6687	N/A
39	3/1/2026	97.9	9929	6237	5247	403000	6856	N/A
40	3/1/2026	99.2	9917	7144	6037	407450	6871	N/A
41	3/1/2026	97.2	9640	7015	5860	402999	6842	N/A
42	3/1/2026	98.0	9583	6797	6148	402500	6715	N/A
43	3/1/2026	99.6	9666	6381	6100	403000	6787	N/A
44	3/2/2026	99.3	9537	6139	6065	403000	6972	N/A
45	3/2/2026	98.0	9408	6231	5790	403610	6808	N/A
46	3/2/2026	99.3	9622	6657	5297	404340	6870	N/A
47	3/3/2026	98.1	9442	6030	5852	403400	6886	N/A
48	3/3/2026	97.9	9145	6556	5593	404820	6797	N/A
49	3/3/2026	97.9	8952	6247	5297	402458	6998	N/A
50	3/4/2026	94.9	8673	6138	6729	403200	8413	N/A
51	3/4/2026	99.5	9134	6422	5713	404000	6729	N/A
52	3/4/2026	99.0	9177	6867	5882	403000	6926	N/A
53	3/4/2026	98.7	8857	6654	5069	401008	6840	N/A
54	3/5/2026	98.6	9031	6487	5519	401327	7251	N/A
55	3/5/2026	98.9	9114	5954	4446	403003	6885	N/A
56	3/5/2026	99.4	8974	6248	5362	403000	7019	N/A
57	3/6/2026	98.3	9029	6231	5791	401350	6961	N/A
58	3/6/2026	99.2	9186	6628	5657	402600	6903	N/A
59	3/6/2026	98.1	9080	6469	4785	409802	6881	N/A
60	3/7/2026	99.1	9052	5537	4605	403136	7997	N/A
61	3/7/2026	98.6	8565	6335	5257	404116	6803	N/A
62	3/7/2026	98.0	8802	5812	5868	403326	6883	N/A
63	3/8/2026	93.6	8734	6341	6596	323650	6652	N/A
64	3/8/2026	98.8	8500	6709	4524	403000	6787	N/A
65	3/8/2026	98.8	8495	6691	4846	402470	5978	N/A
66	3/8/2026	99.1	8102	6378	5658	406100	6965	N/A
67	3/9/2026	99.4	8213	6468	5790	403060	6896	N/A
68	3/9/2026	98.0	8092	7088	4849	403504	6891	N/A
69	3/9/2026	98.9	8115	6394	5153	405200	6812	N/A
70	3/9/2026	98.2	7875	6279	5024	398576	6799	N/A
71	3/10/2026	99.7	8084	6567	4921	408190	6891	N/A
72	3/10/2026	98.9	8052	6951	4806	402542	6652	N/A
73	3/10/2026	98.8	8173	6160	4724	401550	6614	N/A
74	3/10/2026	99.3	7913	6754	4898	405340	6874	N/A
75	3/11/2026	98.4	7785	6678	5119	402862	6879	N/A
76	3/11/2026	99.2	7779	6376	4035	396823	7001	N/A
AVERAGE		98	9,635	6,368	5,536	30,251,437	530,133	TOTAL

08/28/2026

EXHIBIT 3

LITHOLOGY/ FORMATION	TOP DEPTH (TVD)	BOTTOM DEPTH (TVD)	TOP DEPTH (MD)	BOTTOM DEPTH (MD)
	From Surface	From Surface	From Surface	From Surface
Sandstone, tr coal	N/A	N/A	N/A	N/A
Silty Sandstone	N/A	N/A	N/A	N/A
Sandstone, tr Sltst	N/A	N/A	N/A	N/A
Silty Sandstone	N/A	N/A	N/A	N/A
Sandstone, tr Sltst	N/A	N/A	N/A	N/A
Sandstone, occ Sltst	N/A	N/A	N/A	N/A
Silty Sandstone	N/A	N/A	N/A	N/A
Sandstone, rr Sltst	N/A	N/A	N/A	N/A
Silty Sandstone	N/A	N/A	N/A	N/A
Sandstone, rr Sltst	N/A	N/A	N/A	N/A
Silty Sandstone	N/A	N/A	N/A	N/A
Limestone, Sandstone, tr Siltstone	N/A	1,431	N/A	1,433
Big Lime	1,457	1,876	1,433	1,879
Fifty Foot Sandstone	1,876	2,183	1,853	2,187
Gordon	2,183	2,406	2,161	2,411
Fifth Sandstone	2,406	2,537	2,385	2,542
Bayard	2,537	3,113	2,516	3,118
Speechley	3,113	3,344	3,092	3,349
Balltown	3,344	3,828	3,323	3,833
Bradford	3,828	4,573	3,807	4,579
Benson	4,573	4,889	4,553	4,894
Alexander	4,889	6,615	4,868	6,624
Sycamore	6,333	6,589	6,328	6,598
Middlesex	6,589	6,764	6,598	6,793
Burkett	6,764	6,793	6,793	6,829
Tully	6,793	7,008	6,829	7,197
Marcellus	7,008	NA	7,197	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.

**Uphole tops not available due to uphole mudlogging start depths

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08/28/2026

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	02/13/2026
Job End Date:	03/11/2026
State:	West Virginia
County:	Harrison
API Number:	47-033-06119-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Bream Unit 1H
Latitude:	39.346002
Longitude:	-80.395451
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7070
Total Base Water Volume (gal)*:	23244690
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					
BELE LT Breaker	Chemstream	Breaker					
CIA-12	NexTier Completions Solutions	Acid corrosion inhibitor					
Clearal 268A	Chemstream	Biocide					
CoilSTREAM VB 625	Chemstream	Visc. Builder					
Other Chemical(s)	Listed Above	See Trade Name(s)					
StimSTEAM FR 9750	Chemstream	Friction Reducer					
StimSTREAM SC 398	Chemstream	Scale Control					

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Office of Oil and Gas
JUN 26 2026
WV Department of
Environmental Protection

08/28/2026

Water	Operator	Carrier Fluid					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	86.12953	
			Crystalline Silica	14808-60-7	99.90000	13.46252	
			Water	7732-18-5	85.00000	0.26811	
			Hydrochloric Acid	7647-01-0	15.00000	0.04731	
			Aluminum Oxide	1344-28-1	0.10000	0.01348	
			Distillates (petroleum), hydrotreated light	64742-47-8	25.00000	0.01284	
			Water	7732-18-5	90.00000	0.00743	
			Non-hazardous substances	Proprietary	90.00000	0.00740	
			Heavy Aliphatic Naphtha	64742-96-7	60.00000	0.00539	
			Guar gum	9000-30-0	50.00000	0.00449	
			Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	5.00000	0.00257	
			Ammonium Persulfate	7727-54-0	89.00000	0.00170	
			Glutaraldehyde	111-30-8	20.00000	0.00165	
			Bis(HexaMethylene Triamine Penta (Methylene Phosphoric Acid)) (BHMT)	34690-00-1	10.00000	0.00082	
			Trade Secret	Proprietary	5.00000	0.00045	
			Trade Secret	Proprietary	3.00000	0.00027	
			Trade Secret	Proprietary	3.00000	0.00027	
			Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	3.00000	0.00025	
			Didecyldimethylammonium Chloride	7173-51-5	3.00000	0.00025	
			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	

* 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%

08/28/2026

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

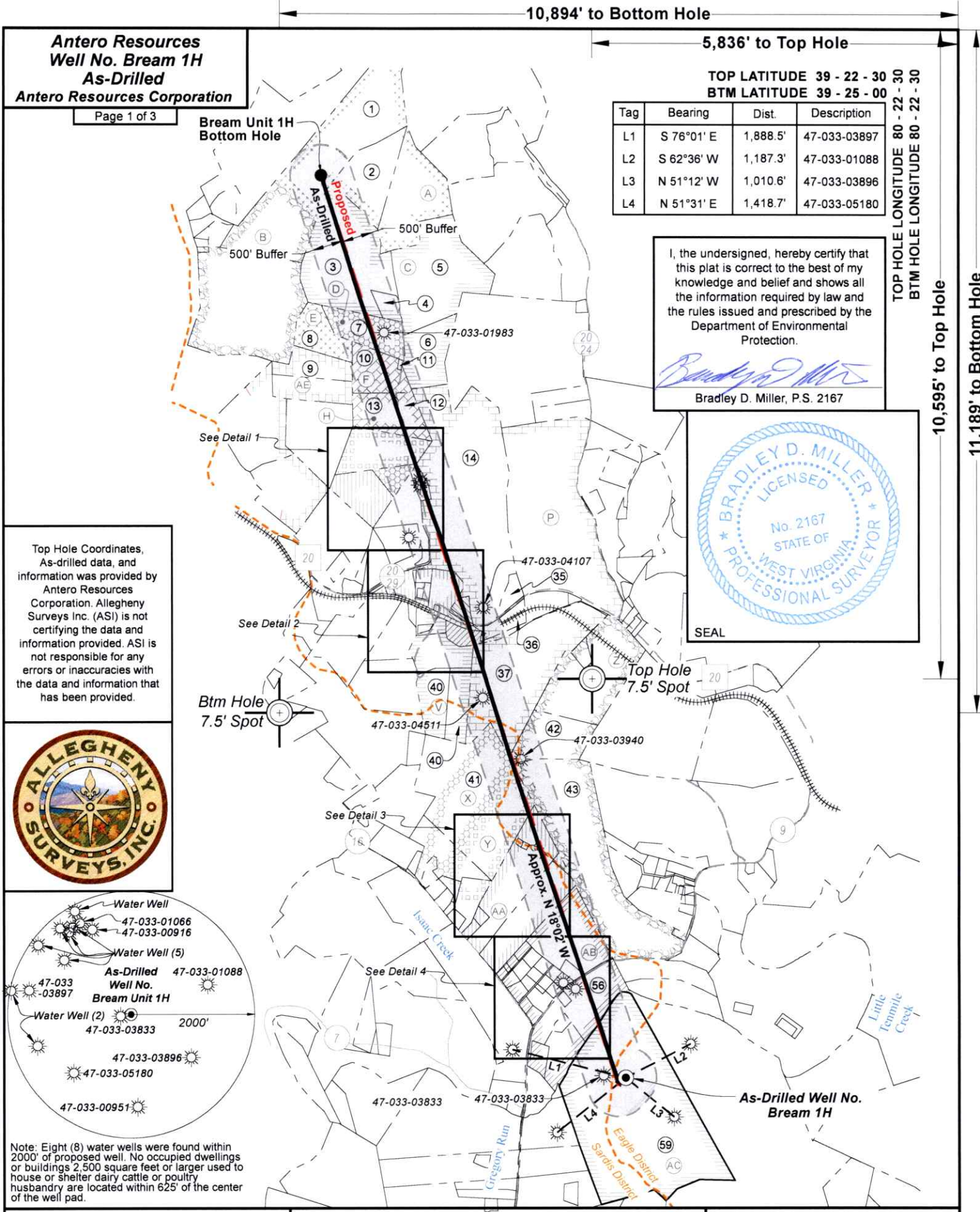
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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Office of Oil and Gas

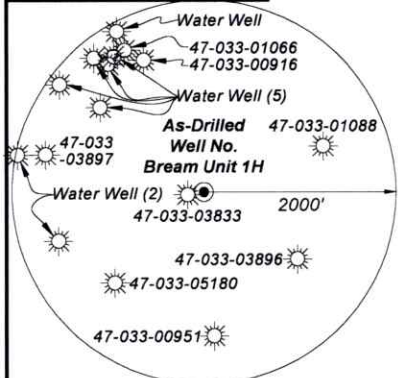
JUN 26 2026

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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.



Note: Eight (8) 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.

FILE NO: 127-36-EO-25
DRAWING NO: Bream Unit 1H BHL-MOD 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

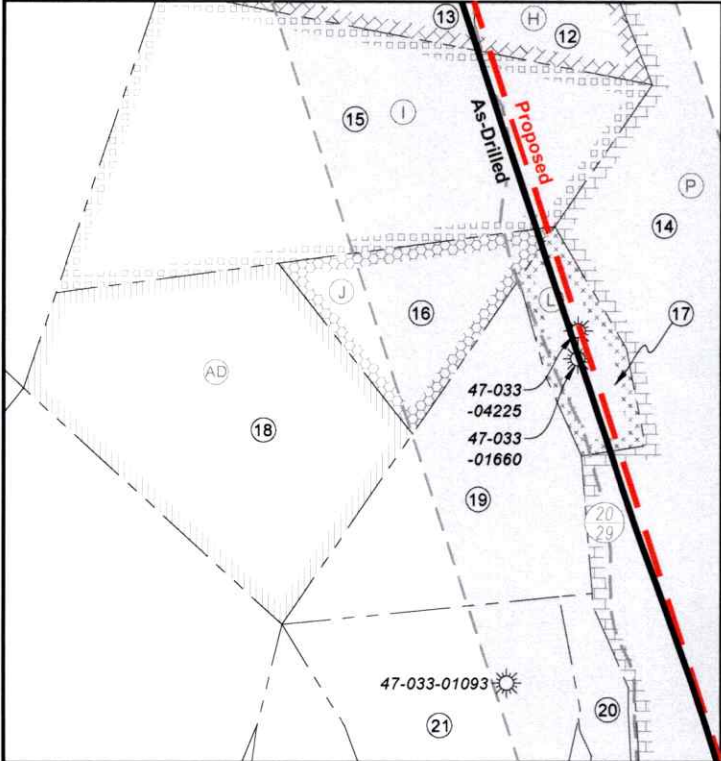
DATE: May 28 20 26
OPERATOR'S WELL NO. Bream Unit 1H
API WELL NO
47 - 033 - 06119
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: As-Built 1,154.4' WATERSHED: Tenmile Creek QUADRANGLE: Wolf Summit
DISTRICT: Eagle & Sardis COUNTY: Harrison
SURFACE OWNER: Robert G. & Christine E. Flanigan, et al ACREAGE: 129.00
ROYALTY OWNER: A.W. & Susan C. Coffman LEASE NO: ACREAGE: 129.00
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 7,003' TVD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,258' MD

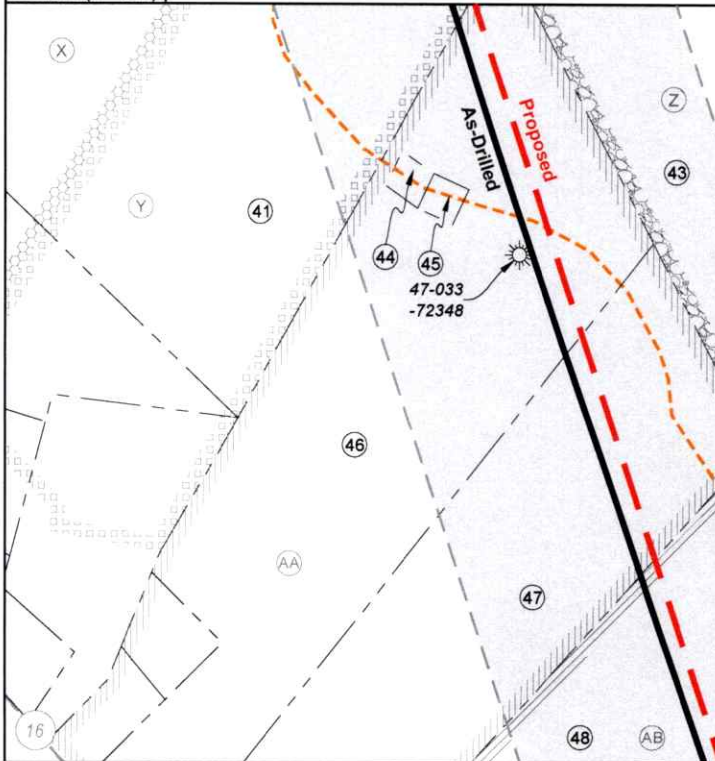
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Conrad Baston
ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330



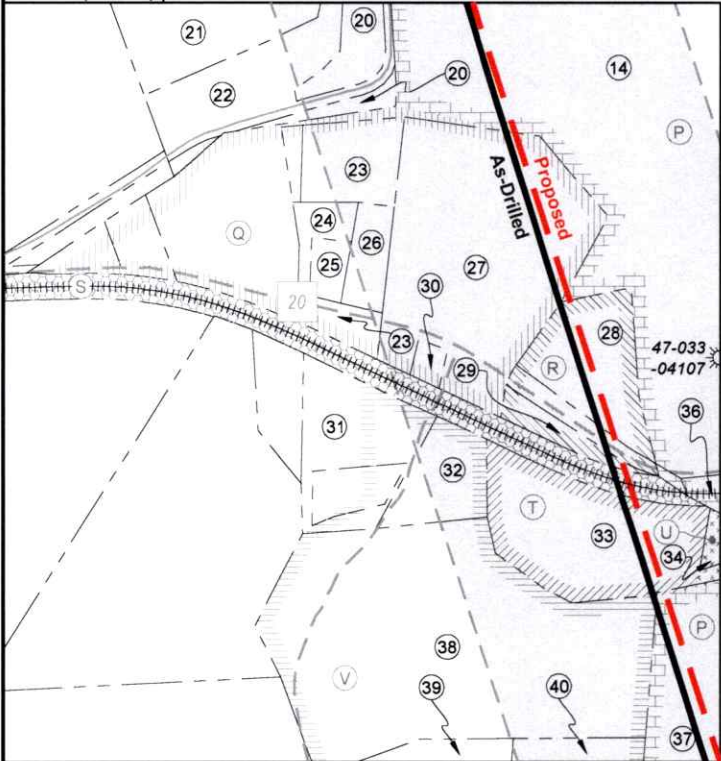
Detail 1 (1"=500')



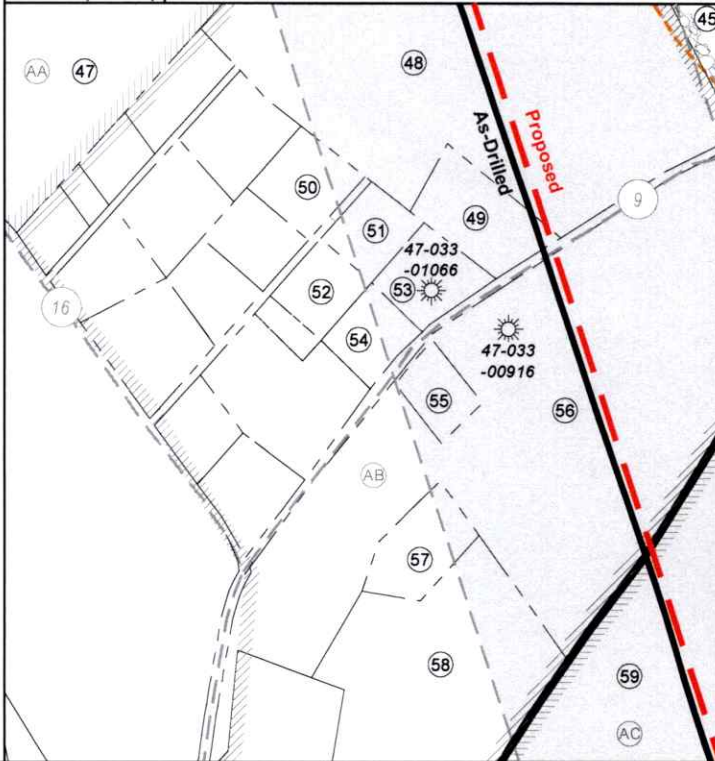
Detail 3 (1"=500')



Detail 2 (1"=500')



Detail 4 (1"=500')



FILE NO: 127-36-EO-25

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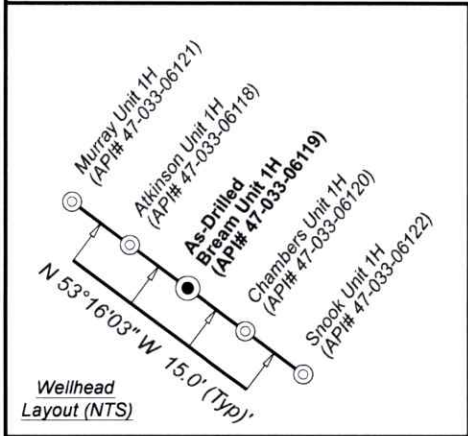
ADDRESS: 535 White Oaks Blvd.
Bridgeport, WV 26330

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



Page 3 of 3

Legend	
	Proposed gas well
	Well Reference, as noted
	Monument, as noted
	Existing Well, as noted
	Digitized Well, as noted
	Creek or Drain
	Existing road
	Surface boundary (approx.)
	District line (approx.)



Notes
West Virginia Coordinate System
of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Bream Unit 1H Top Hole coordinates are
N: 309,361.47' Latitude: 39°20'45.29"
E: 1,746,707.60' Longitude: 80°23'44.29"
Bottom Hole coordinates are
N: 323,992.49' Latitude: 39°23'09.41"
E: 1,741,792.89' Longitude: 80°24'48.75"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,355,348.136m N: 4,359,780.675m
E: 552,093.366m E: 550,521.810m
Plat orientation and corner and well references
are based upon the grid north meridian.
Well location references are based upon the magnetic
meridian.

Tag	Lease
A	Louisa C. Robinson & D.D. Robinson, her husband
B	Donley Boggess, et al
C	J.N. Swiger & H.J. Swiger, his wife
D	Martha V. Rogers
E	Will E. Morris Heirs Trust
F	James H. Williams & Betty J. Williams
H	David E. Nay & Rebecca L. Nay
I	Neal B. Swiger, et al
J	Jessie Jerome Williams
L	Timothy D. & Cynthia L. Freed
P	A.G. Swiger
Q	James Deniers Fontanez

Tag	Lease
R	Sophonria Lang
S	CSX Transportation, Inc.
T	Sophonria Lang
U	Rebecca L. Nay, et al
V	Sophonria Lang
X	Rodger Scott Byrd
Y	A.L. McQuaid & Harriet M. McQuaid, his wife
Z	Blanche R. Atkinson
AA	Chas W. Murray & Clara I. Murray, h/w
AB	L.C. Harbert & Sarah J. Harbert, h/w
AC	A.W. Coffman, et ux
AD	Patrick & Frank Cunningham
AE	Fred Rogers & Mae A. Rogers, his wife

Harrison County				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	205 / 11	Tenmile Ranch, LLC	1754 / 249	81.35
2	205 / 12	Romona A. & Richard P. Swiger, Jr.	1184 / 420	21.80
3	205 / 32	Romona A. & Richard P. Swiger, Jr.	1184 / 420	50.15
4	205 / 32.1	Nickole R. & Richard P. Swiger, III	1461 / 409	3.54
5	205 / 38	Maxine K. & James G. Ice, II	1234 / 770	40.42
6	205 / 38.1	David E. & Rebecca L. Nay	1741 / 767	17.58
7	205 / 37	Nickole R. & Richard P. Swiger, III	1463 / 438	14.58
8	205 / 33	Justin Amos	1767 / 907	11.50
9	205 / 34	Christopher A. & Stacy N. Swiger	1694 / 239	11.00
10	205 / 36	Jessie J. Williams	1354 / 480	13.25
11	205 / 36.1	Carl L. Earnest	1379 / 968	0.20
12	205 / 56	David E. & Rebecca L. Nay	1425 / 782	6.04
13	205 / 55	Patrick H. & Frank O. Cunningham	W203 / 413	13.15
14	205 / 61	David E. & Rebecca L. Nay	1208 / 843	89.26
15	205 / 57	WVTI, LLC	1743 / 461	18.00
16	205 / 58	Jessie J. Williams	1354 / 480	6.50
17	205 / 60	WVTI, LLC	1740 / 161	1.98
18	205 / 58.1	Patrick H. & Frank O. Cunningham	W203 / 413	10.00
19	205 / 59	WVTI, LLC	1742 / 225	7.99
20	205 / 75.2	Jason A. & Rebecca A. Gorby	1542 / 667	2.20
21	205 / 75	Thomas L. & Charlotte A. Rogers	1398 / 223	9.52
22	205 / 75.1	Thomas L. & Charlotte A. Rogers	1086 / 1152	2.80
23	205 / 76	Michael T. & Kimberly D. Cunningham	1731 / 33	2.16
24	205 / 76.3	Michael T. & Kimberly D. Cunningham	1784 / 228	0.45
25	205 / 76.2	Daniel M. Baney, et al	1570 / 212	0.34
26	205 / 76.1	Daniel M. Baney, et al	1570 / 212	0.64
27	205 / 77	Deniers J. Fontanez	W204 / 310	6.26
28	205 / 81	Deniers J. & Lori A. Fontanez	1364 / 992	1.97
29	205 / 81.1	Deniers J. & Lori A. Fontanez	1368 / 270	0.25
30	205 / 78	Private Cemetery	xxxx / xxxx	0.20
31	225 / 12	James & Carol M. Rush	1494 / 654	1.73
32	225 / 13	James & Carol M. Rush	1763 / 15	1.23
33	225 / 15	Trustees Tenmile Baptist Church	785 / 519	2.00
34	225 / 19	Tenmile Baptist Church	75 / 120	0.75
35	205 / 61.1	David E. & Rebecca L. Nay	1208 / 843	3.21
36	225 / 20	Mildred I. Leasure (LE)	1757 / 632	5.20
37	225 / 21	Patrick H. & Frank O. Cunningham	W203 / 413	64.00
38	225 / 16	James & Carol M. Rush	1763 / 15	11.01
39	225 / 17	James & Carol M. Rush	1763 / 15	10.75
40	225 / 18	James & Carol M. Rush	1763 / 15	14.00
41	225 / 35.1	Gregory K. Davisson, et al	1763 / 1314	77.80
42	225 / 36	Jason C. & Kristin A. Cunningham	1610 / 1185	18.47
43	225 / 57	Jason C. & Kristin A. Cunningham	1610 / 1185	67.52
44	225 / 55.4	Short Line Public Service District	1437 / 288	0.23
45	225 / 55.2	Short Line Public Service District	1059 / 568	0.23
46	225 / 55	Starla K. & Thyron L. Bates	1717 / 98	24.83
47	225 / 56	Starla K. & Thyron L. Bates	1717 / 98	23.40
48	225 / 73	Jason C. & Kristin A. Cunningham	1610 / 1185	24.12
49	225 / 73.1	James F. & Rebecca Deberry	1671 / 438	1.50
50	225A / 16	James E. & Janelle A. Savage	1002 / 836	1.07
51	225A / 18	Glacus Gladwell	1364 / 990	0.82
52	225A / 13	Loretta Mayfield	1567 / 127	0.80
53	225A / 21	Edna D. Swiger (LE)	1654 / 1120	1.30
54	225A / 19	Edna D. Swiger (LE)	1654 / 1120	0.84
55	225 / 74.1	Harley D. & Mary Jo Knight (LE)	1319 / 765	0.71
56	225 / 74	Kevin Owens & Kristy D. Sendling	1396 / 687	23.06
57	225 / 74.2	James L. Thornhill	1167 / 725	1.11
58	225 / 74.3	James L. Thornhill	1167 / 731	10.42
59	245 / 26	Robert G. & Christine E. Flanigan, et al	W216 / 842	129.00

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Denver, CO 80202 Bridgeport, WV 26330



Antero Resources
1615 Wynkoop Street
Denver, CO 80202
Office 303.357.7310
Fax 303.357.7315

June 25th, 2026

West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, WV 25304

To whom it may concern:

Please find enclosed the Well Operator's Report of Well Work, Form WR-35 (including As-Drilled Survey Plat, Directional Survey and FracFocus report), Discharge Monitoring Report Form WR-34 and corresponding logs for the following wells:

- **Flanigan Pad** – Atkinson Unit 1H, Bream Unit 1H, Chambers Unit 1H, Murray Unit 1H & Snook Unit 1H

If you have any questions please feel free to contact me at (303) 357-7373.

Sincerely,

A handwritten signature in black ink, appearing to read "CW", is written over a faint, circular, embossed watermark that contains the text "Antero Resources".

Carly Wren
Permitting Agent
Antero Resources Corporation

Enclosures

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Office of Oil and Gas

JUN 26 2026

WV Department of
Environmental Protection

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