

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

API 47 - 033 - 06118 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 Atkinson 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 4355350.791m Easting 552089.534m
Landing Point of Curve Northing 4356122.61m Easting 551494.93m
Bottom Hole Northing 4359700.615m Easting 550293.394m

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

Date permit issued 9/18/2025 Date drilling commenced 10/16/2025 Date drilling ceased 12/26/2025
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:
Jeff Pappert
8-13-2026
08/28/2026

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WV Department of
Environmental Protection

API 47-033 - 06118

Farm name Robert G. & Christine E. Flanigan, et al Well number Atkinson 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"	521'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3570'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	22463'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6316'		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	1211 sx	15.6	1.18	1429	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class G	4245 sx (Tail)	13.5 (Lead), 15.2 (Tail)	1.26 (Tail)	5349	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 22463' MD, 7022' TVD (BHL), 7132' (Deepest Point Drilled)

Loggers TD (ft) 22463' MD

Deepest formation penetrated Marcellus

Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 6507

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 . 06118 Farm name Robert G. & Christine E. Flanigan, et al Well number Atkinson Unit 1H

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

***PLEASE SEE ATTACHED EXHIBIT 1**

[illegible]

STIMULATION INFORMATION PER STAGE

[illegible]

***PLEASE SEE ATTACHED EXHIBIT 2**

[illegible]

08/28/2026

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

DEPTHS

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

OPEN FLOW	Gas		Oil		NGL		Water		GAS MEASURED BY		
	17999	mcfpd	0.03	bpd	---	bpd	786.33	bpd	☐ Estimated	☒ Orifice	☐ Pilot

[illegible]

***PLEASE SEE ATTACHED EXHIBIT 3**

[illegible]

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 SLB

Address	5599 San Felipe	City	Houston	State	TX	Zip	77056
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Stimulating Company NexTier

Address	1650 Hackers Creek Rd	City	Jane Lew	State	WV	Zip	26378
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Please insert additional pages as applicable.

Completed by Carly Wren

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 47-033-06118 Farm Name Robert G. & Christine E. Flanigan et al Well Number Atkinson Unit 1H					
Exhibit 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	2/13/2026	22417.0	22402.0	60	Marcellus
2	2/13/2026	22363.8	22199.9	60	Marcellus
3	2/15/2026	22164.8	22000.9	60	Marcellus
4	2/15/2026	21965.7	21801.8	60	Marcellus
5	2/15/2026	21766.7	21602.8	60	Marcellus
6	2/16/2026	21567.6	21403.7	60	Marcellus
7	2/16/2026	21368.6	21204.7	60	Marcellus
8	2/17/2026	21169.5	21005.6	60	Marcellus
9	2/17/2026	20970.5	20806.6	60	Marcellus
10	2/18/2026	20771.4	20607.5	60	Marcellus
11	2/18/2026	20572.4	20408.5	60	Marcellus
12	2/19/2026	20373.3	20209.4	60	Marcellus
13	2/19/2026	20174.2	20010.4	60	Marcellus
14	2/19/2026	19975.2	19811.3	60	Marcellus
15	2/20/2026	19776.1	19612.3	60	Marcellus
16	2/20/2026	19577.1	19413.2	60	Marcellus
17	2/21/2026	19378.0	19214.2	60	Marcellus
18	2/21/2026	19179.0	19015.1	60	Marcellus
19	2/21/2026	18979.9	18816.1	60	Marcellus
20	2/22/2026	18780.9	18617.0	60	Marcellus
21	2/22/2026	18581.8	18417.9	60	Marcellus
22	2/23/2026	18382.8	18218.9	60	Marcellus
23	2/23/2026	18183.7	18019.8	60	Marcellus
24	2/23/2026	17984.7	17820.8	60	Marcellus
25	2/24/2026	17785.6	17621.7	60	Marcellus
26	2/24/2026	17586.6	17422.7	60	Marcellus
27	2/25/2026	17387.5	17223.6	60	Marcellus
28	2/25/2026	17188.5	17024.6	60	Marcellus
29	2/25/2026	16989.4	16825.5	60	Marcellus
30	2/26/2026	16790.4	16626.5	60	Marcellus
31	2/26/2026	16591.3	16427.4	60	Marcellus
32	2/26/2026	16392.2	16228.4	60	Marcellus
33	2/27/2026	16193.2	16029.3	60	Marcellus
34	2/27/2026	15994.1	15830.3	60	Marcellus
35	2/27/2026	15795.1	15631.2	60	Marcellus
36	2/28/2026	15596.0	15432.2	60	Marcellus
37	2/28/2026	15397.0	15233.1	60	Marcellus
38	2/28/2026	15197.9	15034.1	60	Marcellus
39	3/1/2026	14998.9	14835.0	60	Marcellus
40	3/1/2026	14799.8	14635.9	60	Marcellus
41	3/1/2026	14600.8	14436.9	60	Marcellus
42	3/1/2026	14401.7	14237.8	60	Marcellus
43	3/2/2026	14202.7	14038.8	60	Marcellus
44	3/2/2026	14003.6	13839.7	60	Marcellus
45	3/2/2026	13804.6	13640.7	60	Marcellus
46	3/2/2026	13605.5	13441.6	60	Marcellus
47	3/3/2026	13406.5	13242.6	60	Marcellus
48	3/3/2026	13207.4	13043.5	60	Marcellus
49	3/3/2026	13008.4	12844.5	60	Marcellus
50	3/4/2026	12809.3	12645.4	60	Marcellus
51	3/4/2026	12610.2	12446.4	60	Marcellus
52	3/4/2026	12411.2	12247.3	60	Marcellus
53	3/4/2026	12212.1	12048.3	60	Marcellus
54	3/5/2026	12013.1	11849.2	60	Marcellus
55	3/5/2026	11814.0	11650.2	60	Marcellus
56	3/5/2026	11615.0	11451.1	60	Marcellus
57	3/6/2026	11415.9	11252.1	60	Marcellus
58	3/6/2026	11216.9	11053.0	60	Marcellus
59	3/6/2026	11017.8	10853.9	60	Marcellus
60	3/7/2026	10818.8	10654.9	60	Marcellus
61	3/7/2026	10619.7	10455.8	60	Marcellus
62	3/7/2026	10420.7	10256.8	60	Marcellus
63	3/8/2026	10221.6	10057.7	60	Marcellus
64	3/8/2026	10022.6	9858.7	60	Marcellus
65	3/8/2026	9823.5	9659.6	60	Marcellus
66	3/9/2026	9624.5	9460.6	60	Marcellus
67	3/9/2026	9425.4	9261.5	60	Marcellus
68	3/9/2026	9226.4	9062.5	60	Marcellus
69	3/9/2026	9027.3	8863.4	60	Marcellus
70	3/10/2026	8828.2	8664.4	60	Marcellus
71	3/10/2026	8629.2	8465.3	60	Marcellus
72	3/10/2026	8430.1	8266.3	60	Marcellus
73	3/10/2026	8231.1	8067.2	60	Marcellus
74	3/11/2026	8032.0	7868.2	60	Marcellus
75	3/11/2026	7833.0	7669.1	60	Marcellus
76	3/11/2026	7633.9	7470.1	60	Marcellus
77	3/11/2026	7434.9	7271.0	60	Marcellus

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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
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	1,435	N/A	1,443
Big Lime	1,461	1,886	1,443	1,900
Fifty Foot Sandstone	1,886	2,186	1,874	2,204
Gordon	2,186	2,408	2,178	2,429
Fifth Sandstone	2,408	2,543	2,403	2,566
Bayard	2,543	3,112	2,540	3,141
Speechley	3,112	3,340	3,115	3,373
Balltown	3,340	3,824	3,347	3,862
Bradford	3,824	4,586	3,836	4,634
Benson	4,586	4,894	4,608	4,948
Alexander	4,894	6,621	4,922	6,700
Sycamore	6,343	6,595	6,416	6,674
Middlesex	6,595	6,771	6,674	6,865
Burkett	6,771	6,799	6,865	6,898
Tully	6,799	7,012	6,898	7,223
Marcellus	7,012	NA	7,223	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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JUN 26 2026
W. Dep. Sec. of
Environment and Natural Resources

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:	47-033-06118-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Atkinson Unit 1H
Latitude:	39.346026
Longitude:	-80.395494
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7070
Total Base Water Volume (gal)*:	23669394
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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Water	Operator	Carrier Fluid					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	86.15141	
			Crystalline Silica	14808-60-7	99.90000	13.44604	
			Water	7732-18-5	85.00000	0.26203	
			Hydrochloric Acid	7647-01-0	15.00000	0.04624	
			Aluminum Oxide	1344-28-1	0.10000	0.01346	
			Distillates (petroleum), hydrotreated light	64742-47-8	25.00000	0.01328	
			Water	7732-18-5	90.00000	0.00739	
			Non-hazardous substances	Proprietary	90.00000	0.00736	
			Heavy Aliphatic Naphtha	64742-96-7	60.00000	0.00547	
			Guar gum	9000-30-0	50.00000	0.00456	
			Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	5.00000	0.00266	
			Ammonium Persulfate	7727-54-0	89.00000	0.00171	
			Glutaraldehyde	111-30-8	20.00000	0.00164	
			Bis(HexaMethylene Triamine Penta (Methylene Phosphoric Acid)) (BHMT)	34690-00-1	10.00000	0.00082	
			Trade Secret	Proprietary	5.00000	0.00046	
			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	0.00013	
			Glycol Ether EB	111-76-2	45.00000	0.00013	
			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	0.00004	
			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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Antero Resources

Well No. Atkinson 1H

As-Drilled

Antero Resources Corporation

Page 1 of 4

Atkinson Unit 1H Bottom Hole

11,645' to Bottom Hole

5,849' to Top Hole

TOP LATITUDE 39 - 22 - 30

BTM LATITUDE 39 - 25 - 00

Tag	Bearing	Dist.	Description
L1	S 76°12' E	1,874.7'	47-033-03897
L2	S 63°15' W	1,193.9'	47-033-01088
L3	N 51°14' W	1,025.6'	47-033-03896
L4	N 50°56' E	1,415.0'	47-033-05180

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

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.

ALLEGHENY SURVEYS, INC.

Water Well

47-033-01066

47-033-00916

Water Well (5)

47-033-01088

As-Drilled Well No. Atkinson Unit 1H

47-033-03897

Water Well (2)

47-033-03833

2000'

47-033-03896

47-033-05180

47-033-00951

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: 173-36-EO-17

DRAWING NO: Atkinson 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: May 28 20 26

OPERATOR'S WELL NO. Atkinson Unit 1H

API WELL NO

47 - 033 - 06118

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 7,022' TVD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,463' MD

WELL OPERATOR: Antero Resources Corporation

DESIGNATED AGENT: Conrad Baston

ADDRESS: 1615 Wynkoop Street

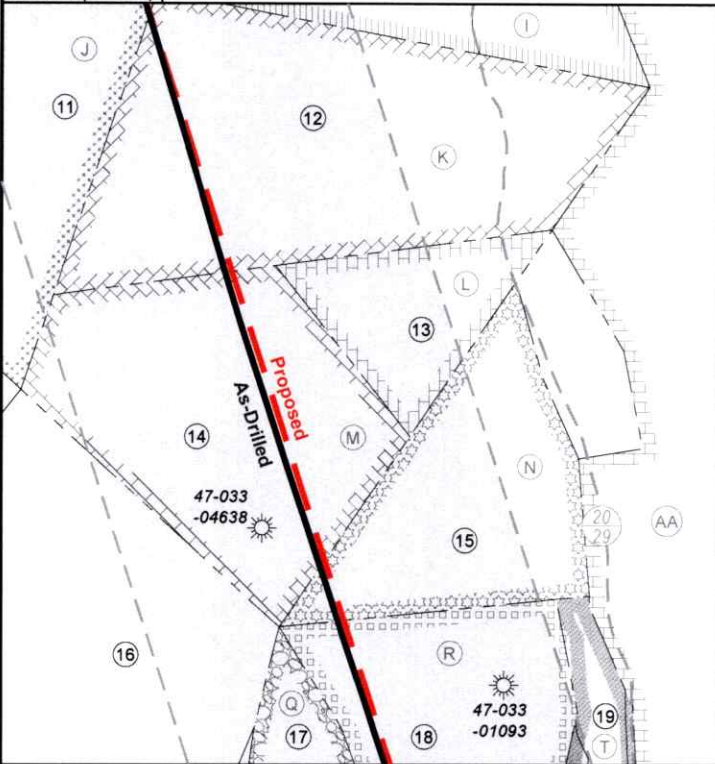
ADDRESS: 535 White Oaks Blvd.

Denver, CO 80202

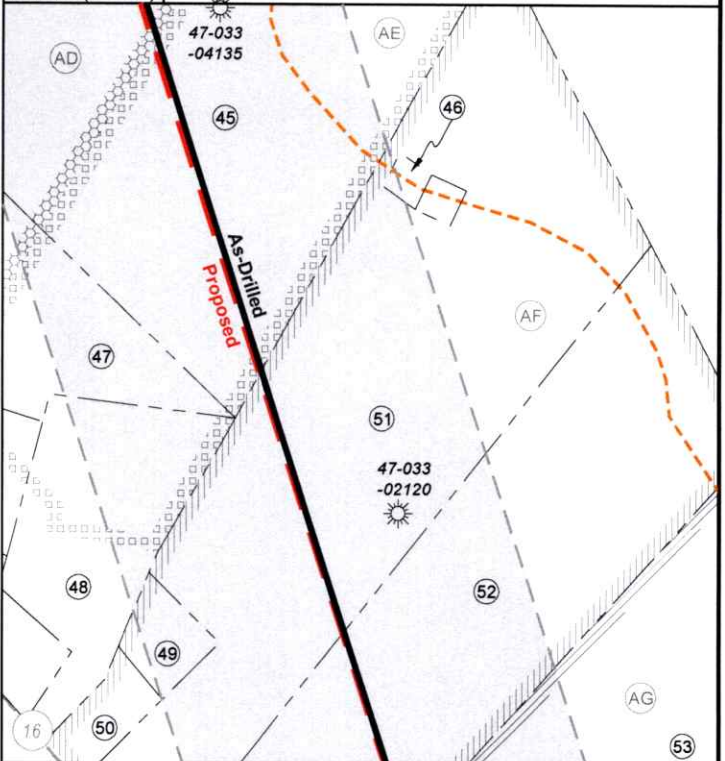
Bridgeport, WV 26330



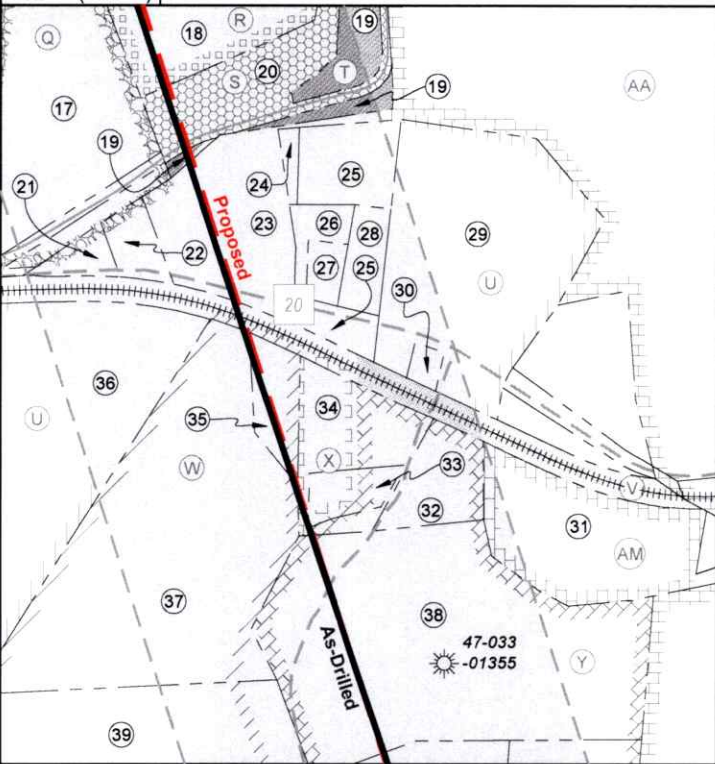
Detail 1 (1"=500')



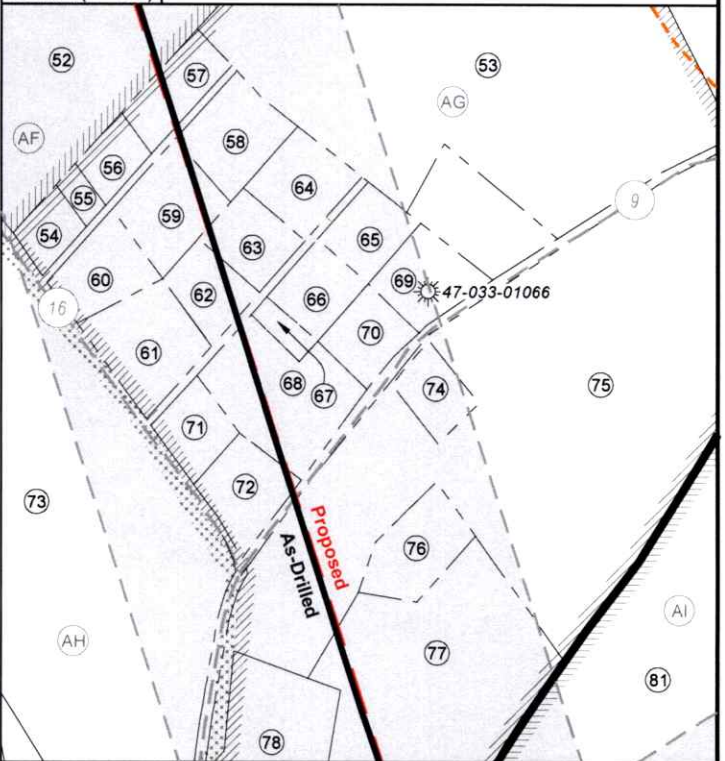
Detail 3 (1"=500')



Detail 2 (1"=500')



Detail 4 (1"=500')



FILE NO: 173-36-EO-17

DRAWING NO: Atkinson 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: May 28 20 26

OPERATOR'S WELL NO. Atkinson Unit 1H

API WELL NO

47 - 033 - 06118
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

SURFACE OWNER: Robert G. & Christine E. Flanigan, et al

COUNTY: Harrison

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 7,022' TVD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,463' 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

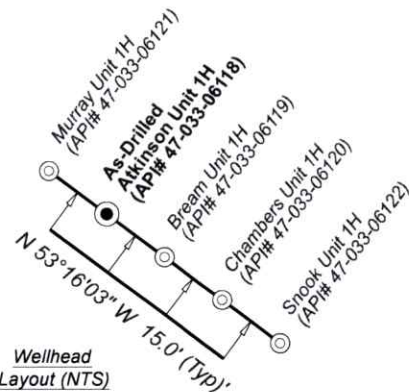
Antero Resources
Well No. Atkinson 1H
As-Drilled
Antero Resources Corporation



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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. Atkinson Unit 1H Top Hole coordinates are
N: 309,370.39' Latitude: 39°20'45.38"
E: 1,746,695.17' Longitude: 80°23'44.45"
Bottom Hole coordinates are
N: 323,742.28' Latitude: 39°23'06.86"
E: 1,741,039.08' Longitude: 80°24'58.31"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,355,350.791m N: 4,359,700.615m
E: 552,089.534m E: 550,293.394m
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. Atkinson Unit 1H
As-Drilled POE Coordinates
WV Coordinate System
of 1927, North Zone
N: 309,277.336'
E: 1,745,706.452'
Lat: 39°20'44.36"
Lon: 80°23'57.03"
UTM Zone 17, NAD 1983
N: 4,355,317.442m
E: 551,788.775m

Tag	Lease
A	A. J. Michael & Virginia Michael, his wife
B	Donley Boggess, et al
C	Louisa C. Robinson & D.D. Robinson, her husband
D	J.N. Swiger & H.J. Swiger, his wife
E	Martha V. Rogers
F	Will E. Morris Heirs Trust
H	Fred Rogers & Mae A. Rogers, his wife
I	David E. Nay & Rebecca L. Nay
J	M.E.R. Royalties, LLC
K	Neal B. Swiger, et al
L	Jessie Jerome Williams
M	Patrick Cunningham & Frank Cunningham
N	WVTI, LLC
Q	Thomas Lee & Charlotte Ann Rogers
R	Erma Rogers, et al
S	Erma Rogers, et al
T	Erma Rogers, et al
U	James Deniers Fontanez
V	CSX Transportation, Inc.
W	Frank Oren Cunningham
X	AMP IV, LP
Y	Sophonra Lang, a single woman
AA	A.G. Swiger
AC	Lille B. Fortney & Jacob D. Fortney
AD	Rodger Scott Byrd
AE	A.L. McQuaid & Harriet M. McQuaid, his wife
AF	Chas W. Murray & Clara I. Murray, h/w
AG	L.C. Harbert & Sarah J. Harbert, his wife
AH	Serena Ashcraft & J.J. Ashcraft, her husband
AI	A.W. Coffman, et ux
AJ	Quintilla Boggess, et al
AM	Sophonra Lang

FILE NO: 173-36-EO-17
DRAWING NO: Atkinson 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: May 28 20 26
OPERATOR'S WELL NO. Atkinson Unit 1H
API WELL NO
47 - 033 - 06118
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 7,022' TVD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,463' 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. Atkinson 1H
As-Drilled
Antero Resources Corporation



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Harrison County				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	205 / 11	Tenmile Ranch, LLC	1754 / 249	81.35
2	185 / 54	Michael H. Barns	1766 / 671	69.50
3	205 / 32	Romona A. & Richard P. Swiger, Jr.	1184 / 420	50.15
4	205 / 31	Delores Jean Stewart	1497 / 1235	63.33
5	205 / 33	Justin Amos	1767 / 907	11.50
6	205 / 37	Nickole R. & Richard P. Swiger, III	1463 / 438	14.58
7	205 / 36	Jessie J. Williams	1354 / 480	13.25
8	205 / 34	Christopher A. & Stacy N. Swiger	1694 / 239	11.00
9	205 / 35	Christopher A. & Stacy N. Swiger	1694 / 239	11.00
10	205 / 55	Patrick H. & Frank O. Cunningham	W203 / 413	13.15
11	205 / 54	Christopher A. & Stacy N. Swiger	1694 / 239	26.00
12	205 / 57	WVTI, LLC	1743 / 461	18.00
13	205 / 58	Jessie J. Williams	1354 / 480	6.50
14	205 / 58.1	Patrick H. & Frank O. Cunningham	W203 / 413	10.00
15	205 / 59	WVTI, LLC	1742 / 225	7.99
16	205 / 71	Thomas L. & Charlotte A. Rogers	1284 / 409	26.80
17	205 / 71.1	Thomas L. & Charlotte A. Rogers	1284 / 409	8.04
18	205 / 75	Thomas L. & Charlotte A. Rogers	1398 / 223	9.52
19	205 / 75.2	Jason A. & Rebecca A. Gorby	1542 / 667	2.20
20	205 / 75.1	Thomas L. & Charlotte A. Rogers	1086 / 1152	2.80
21	205 / 72	Richard L. Bartrug	1701 / 108	0.38
22	205 / 73	WVTI, LLC	1741 / 417	0.61
23	205 / 74	Harold R. & Carol L. Sears	1496 / 1240	2.63
24	205 / 74.1	M.T. & K.D. Cunningham	1731 / 33	0.21
25	205 / 76	Michael T. & Kimberly D. Cunningham	1731 / 33	2.16
26	205 / 76.3	Michael T. & Kimberly D. Cunningham	1784 / 228	0.45
27	205 / 76.2	Daniel M. Baney, et al	1570 / 212	0.34
28	205 / 76.1	Daniel M. Baney, et al	1570 / 212	0.64
29	205 / 77	Deniers J. Fontanez	W204 / 310	6.26
30	205 / 78	Private Cemetery	xxxx / xxxx	0.20
31	225 / 15	Trustees Tenmile Baptist Church	785 / 519	2.00
32	225 / 13	James & Carol M. Rush	1763 / 15	1.23
33	225 / 12.1	Harriet McQuaid	1229 / 155	0.67
34	225 / 12	James & Carol M. Rush	1494 / 654	1.73
35	225 / 11.1	James & Carol M. Rush Revocable Living Trust	1536 / 932	84.00
36	225 / 10	James Robinson Excavating, Inc.	1044 / 1033	17.50
37	225 / 11.2	Jessica N. Chatham	1568 / 404	10.00
38	225 / 16	James & Carol M. Rush	1763 / 15	11.01
39	225 / 11	Jessica N. & Joshua Chatham	1730 / 282	19.53
40	225 / 17	James & Carol M. Rush	1763 / 15	10.75

Harrison County				
No.	TM / Par	Owner	Bk / Pg	Ac.
41	225 / 18	James & Carol M. Rush	1763 / 15	14.00
42	225 / 21	Patrick H. & Frank O. Cunningham	W203 / 413	64.00
43	225 / 30	Gregory D. Skidmore	1676 / 204	45.96
44	225 / 33	Gregory D. Skidmore	W195 / 122	3.20
45	225 / 35.1	Gregory K. Davisson, et al	1763 / 1314	77.80
46	225 / 55.4	Short Line Public Service	1437 / 228	0.23
47	225 / 35	Cheryl L. Meredith & Christopher A. Singleton	1715 / 958	13.33
48	225 / 53	Joseph W. & Louella L. Summers	873 / 6	5.34
49	225 / 55.3	Joseph W. & Louella L. Summers	1081 / 270	1.01
50	225 / 55.1	Florence A. Lough	W172 / 1153	1.00
51	225 / 55	Starla K. & Thyrone L. Bates	1717 / 98	24.83
52	225 / 56	Starla K. & Thyrone L. Bates	1717 / 98	23.40
53	225 / 73	Jason C. & Kristin A. Cunningham	1610 / 1185	24.12
54	225A / 4	Larry K. & Sally J. Tetrick	1008 / 1015	0.58
55	225A / 3	Larry K. & Sally J. Tetrick	1008 / 1015	0.22
56	225A / 2	Nancy V. Kerns	1423 / 14	0.60
57	225A / 1	Nancy V. Kerns	1423 / 14	0.85
58	225A / 17	Bradley D. Rodeheaver, II	1671 / 446	1.27
59	225A / 5	Martha D. Flowers	1024 / 1114	1.31
60	225A / 15	Andrew Neptune	1604 / 408	1.05
61	225A / 9	Randal A. & Lisa M. Knight	1245 / 369	1.50
62	225A / 14	Joesph B. & Cheryl L. Duffy	1356 / 397	0.65
63	225A / 6	Richard R. & Renee L. Casteel	1218 / 497	1.07
64	225A / 16	James E. & Janelle A. Savage	1002 / 836	1.07
65	225A / 18	Glacus Gladwell	1364 / 990	0.82
66	225A / 13	Loretta Mayfield	1567 / 127	0.80
67	225A / 12.1	Loretta Mayfield	1567 / 127	0.25
68	225A / 12	Raymond S. Swiger & Kris M. Wagner	1524 / 658	2.23
69	225A / 21	Edna D. Swiger (LE)	1654 / 1120	1.30
70	225A / 19	Edna D. Swiger (LE)	1654 / 1120	0.84
71	225A / 11	Sally M. Lane	1753 / 971	0.76
72	225A / 20	Wilbur S. & Mary D. Minigh	1006 / 81	1.08
73	225 / 69	William N. & John R. Ashcraft	W122 / 231	40.00
74	225 / 74.1	Harley D. & Mary Jo Knight (LE)	1319 / 765	0.71
75	225 / 74	Kevin Owens & Kristy D. Sendling	1396 / 687	23.06
76	225 / 74.2	James L. Thornhill	1167 / 725	1.11
77	225 / 74.3	James L. Thornhill	1167 / 731	10.42
78	245 / 78	Kristy & Kevin Owens	1758 / 912	3.00
79	245 / 12	William N. & John R. Ashcraft	W122 / 231	6.12
80	245 / 24	Robert G. & Christine E. Flanigan, et al	W216 / 842	14.77
81	245 / 26	Robert G. & Christine E. Flanigan, et al	W216 / 842	129.00

FILE NO: 173-36-EO-17	STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION	DATE: May 28 20 26
DRAWING NO: Atkinson Unit 1H As-Drilled		OPERATOR'S WELL NO: Atkinson Unit 1H
SCALE: 1" = 2000'		API WELL NO
MINIMUM DEGREE OF ACCURACY: Submeter		47 - 033 - 06118
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 1,154.4'	WATERSHED: Tenmile Creek
DISTRICT: Eagle & Sardis	QUADRANGLE: Wolf Summit
SURFACE OWNER: Robert G. & Christine E. Flanigan, et al	COUNTY: Harrison
ROYALTY OWNER: A.W. & Susan C. Coffman	ACREAGE: 129.00
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 7,022' TVD	
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,463' 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