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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Tuesday, July 1, 2025  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION  
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for Grey Unit 1H  
47-095-02934-00-00

**Lateral Extension**

ANTERO RESOURCES CORPORATION

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926-0450.

A handwritten signature in purple ink, appearing to read "James A. Martin".

James A. Martin  
Chief

Operator's Well Number: Grey Unit 1H  
Farm Name: Robert F & Rita K Scardina  
U.S. WELL NUMBER: 47-095-02934-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 07/01/2025

Promoting a healthy environment.

07/04/2025

CK# 4041959  
# 7500<sup>00</sup>

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

1) Well Operator: Antero Resources Corporation 494507062 095 - Tyler Lincoln Paden City  
Operator ID County District Quadrangle

2) Operator's Well Number: Grey Unit 1H MOD Well Pad Name: Starkey Pad

3) Farm Name/Surface Owner: Robert F. Scardina & Rita K. Scardina Public Road Access: Hamilton Drive

4) Elevation, current ground: 1092' Elevation, proposed post-construction: \_\_\_\_\_

5) Well Type (a) Gas X Oil \_\_\_\_\_ Underground Storage \_\_\_\_\_

Other \_\_\_\_\_

(b) If Gas Shallow X Deep \_\_\_\_\_

Horizontal X

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):  
Marcellus Shale: 6700' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2800#

8) Proposed Total Vertical Depth: 6700' TVD

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 18600' MD

11) Proposed Horizontal Leg Length: 10923.8'

12) Approximate Fresh Water Strata Depths: 464

13) Method to Determine Fresh Water Depths: 47-095-00275

14) Approximate Saltwater Depths: 1522

15) Approximate Coal Seam Depths: None

16) Approximate Depth to Possible Void (coal mine, karst, other): None Anticipated

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes \_\_\_\_\_ No X

(a) If Yes, provide Mine Info: Name: \_\_\_\_\_

Depth: \_\_\_\_\_

Seam: \_\_\_\_\_

Owner: \_\_\_\_\_

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18)

**CASING AND TUBING PROGRAM**

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	H-40	94#	100	100 ✓	CTS, 96 Cu. Ft.
Fresh Water	13-3/8"	New	J-55	54.5#	514	514 ✓	CTS, 536 Cu. Ft. ✓
Coal	9-5/8"	New	J-55	36#	2500	2500 ✓	CTS, 1018 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110	23#	18600	18600 ✓	3759 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	24"	0.438"	1530	50	Class A/L	~1.18
Fresh Water	13-3/8"	17-1/2"	0.38"	2730	1000	Class A/L ✓	~1.18
Coal	9-5/8"	12-1/4"	0.352"	3520	1500	Class A/L	~1.18
Intermediate							
Production	5-1/2"	8-3/4" & 8-1/2"	0.415"	12,630 ✓	2500	Lead-H/POZ & Tail - H	H/POZ-1.44 & H-1.8
Tubing	2-3/8"	4.778"	0.19"	11,200			
Liners							

**PACKERS**

Kind:	N/A			
Sizes:	N/A			
Depths Set:	N/A			

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19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill, perforate, fracture a new shallow well and complete Marcellus Shale.

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20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Antero plans to pump Slickwater into the Marcellus Shale formation in order to ready the well for production. The fluid will be comprised of approximately 99 percent water and sand, with less than 1 percent special-purpose additives as shown in the attached "List of Anticipated Additives Used for Fracturing or Stimulating Well."

Anticipated Max Pressure - 9300 lbs

Anticipated Max Rate - 80 bpm

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 35.27 acres

22) Area to be disturbed for well pad only, less access road (acres): 14.87 acres

23) Describe centralizer placement for each casing string:

Conductor: no centralizers

Surface Casing: one centralizer 10' above the float shoe, one on the insert float collar and one every 4th joint spaced up the hole to surface.

Intermediate Casing: one centralizer above float joint, one centralizer 5' above float collar and one every 4th collar to surface.

Production Casing: one centralizer at shoe joint and one every 3 joints to top of cement in intermediate casing.

24) Describe all cement additives associated with each cement type:

Conductor: no additives, Class A/L cement.

Surface: Class A/L cement with 2-3% calcium chloride and 1/4 lb of flake

Intermediate: Class A/L cement with 1/4 lb of flake, 5 gallons of clay treat

Production: Lead cement- 50/50 Class H/Poz + 1.5% salt + 1% C-45 + 0.5% C-16a + 0.2% C-12 + 0.45% C-20 + 0.05% C-51

Production: Tail cement- Class H + 45 PPS Calcium Carbonate + 1.0% FL-160 + 0.2% ACGB-47 + 0.05% ACSA-51 + 0.2% ACR-20

25) Proposed borehole conditioning procedures:

Conductor: blowhole clean with air, run casing, 10 bbls fresh water.

Surface: blowhole clean with air, trip to conductor shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate pipe capacity + 40 bbls fresh water followed by 25 bbls bentonite mud, 10 bbls fresh water spacer.

Intermediate: blowhole clean with air, trip to surface casing shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate 40 bbls brine water followed by 10 bbls fresh water and 25 bbls bentonite mud, pump 10 bbls fresh water.

Production: circulate with 14 lb/gal NaCl mud, trip to middle of lateral, circulate, pump high viscosity sweep, trip to base of curve, pump high viscosity sweep, trip to top of curve, trip to bottom, circulate, pump high viscosity sweep, trip out, run casing, circulate 10 bbls fresh water, pump 48 bbls barite pill, pump 10 bbls fresh water followed by 48 bbls mud flush and 10 bbls water.

\*Note: Attach additional sheets as needed.



UWI (APINum)	Well Name	Well Number	Operator	Historical Operator	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
47095010930000	HASSIG LOGAN	AM84-3	PIN OAK OPERATING LLC	APPLIED MECHANICS	3,800	3113 - 3685	Big Injun, Gordon, Udev	Weir, Benson, Alexander
47095007790000	KIMBLE MILDRED	2	PIN OAK OPERATING LLC	CARTER JONES LUMBER	5,012	1550 - 3268	Mauch Chunk, Weir, Fifth, Warren First	Benson, Alexander

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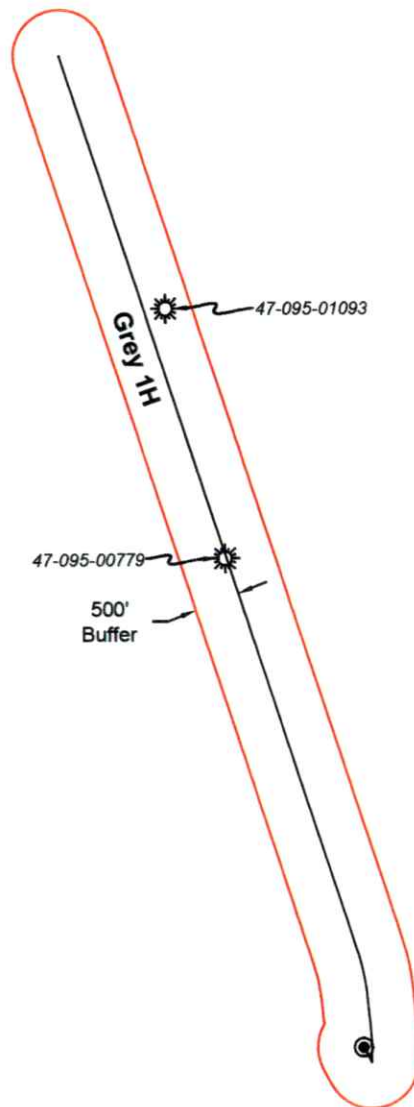
WV Department of  
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## LEGEND

- ⊙ Proposed gas well
- ⊙ Existing Well, as noted
- ⊙ Digitized Well, as noted



The orientation of this survey  
is Grid North, and its  
coordinate base is the West  
Virginia Coordinate System  
of 1927, North Zone



Bridgeport Office  
Phone: (304) 848-5035  
Fax: (304) 848-5037

172 Thompson Drive  
Bridgeport, WV 26330



PARTY CHIEF: C. Lynch

DRAWN BY: C. Robinson

RESEARCH: J. Miller

PREPARED: June 13, 2025

SURVEYED: Dec. 2016

PROJECT NO: 156-54-L-23

FIELD CREW: C.L., K.M.

Sheet 1 of 1

DRAWING NO: Grey 1H AOR



Scale: 1 Inch = 2000 feet


07/04/2025



Page 1 of 3

Grey 1H  
Bottom Hole

### Legend

- Proposed  
Well No.   
Grey Unit 1H**

Wellhead Layout (NTS)

Wellhead Layout (NTS)

(API# 47-095-02334) Proposed Well

(API# 47-095-02336) Greyl Unit 2H

(API# 47-095-02334) Greyl Unit 1H

(API# 47-095-02337) Izabela Unit 2H

(API# 47-095-02336) Izabela Unit 1H

(API# 47-095-02333) Eleanor Unit 2H

(API# 47-095-02332) Eleanor Unit 1H

N 52° 29' E 15.0' (Typ)

**Proposed  
Well No.  
Grey Unit 1H**

	Bearing	Dist.
L1	S 34°03' W	1,089.6'
L2	S 06°43' E	1,259.0'
L3	S 89°17' E	1,601.9'
L4	N 63°06' E	1,251.8'
L5	N 11°43' E	321.7'

Well Location References

Not To Scale

Diagram illustrating the proposed well location (Well No. Grey 1H) relative to the Starkey Pad. The well is located at a bearing of  $A 77^{\circ} 52' E$  and a distance of 430 units from the Starkey Pad. The Starkey Pad is located at a bearing of  $A 51^{\circ} 50' E$  and a distance of 515 units from the well. The well is also located at a bearing of  $A 53^{\circ} 00' E$  and a distance of 515 units from the Starkey Pad. The well is located at a bearing of  $A 77^{\circ} 52' E$  and a distance of 430 units from the Starkey Pad.

***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

SEAL

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

DATE: June 13 2025

OPERATOR'S WELL NO. Grey Unit 1H

API WELL NO

47 - 095 - 02934  
STATE COUNTY PERMIT

LOCATION: ELEVATION: As-Built: 1,092' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City

DISTRICT: Lincoln

COUNTY: Tyler 07/04/2025

**SURFACE OWNER:** Robert F. Scardina & Rita K. Scardina

ACREAGE: 25.00

**ROYALTY OWNER:** Robert F. Scardina & Rita K. Scardina

LEASE NO:                      ACREAGE:              25.00

PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION  
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL-MOD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,600' MD

**WELL OPERATOR:** Antero Resources Corporation

DESIGNATED AGENT: Conrad Baston

ADDRESS: 1615 Wynkoop Street

ADDRESS: 535 White Oaks Blvd.

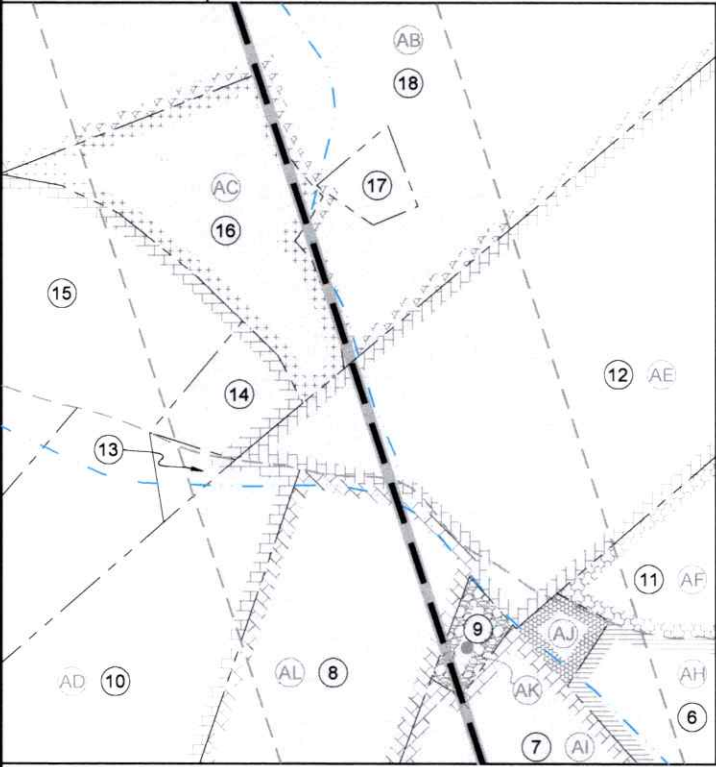
Denver, CO 80202

Bridgeport, WV 26330





Detail 1 (1"=500')

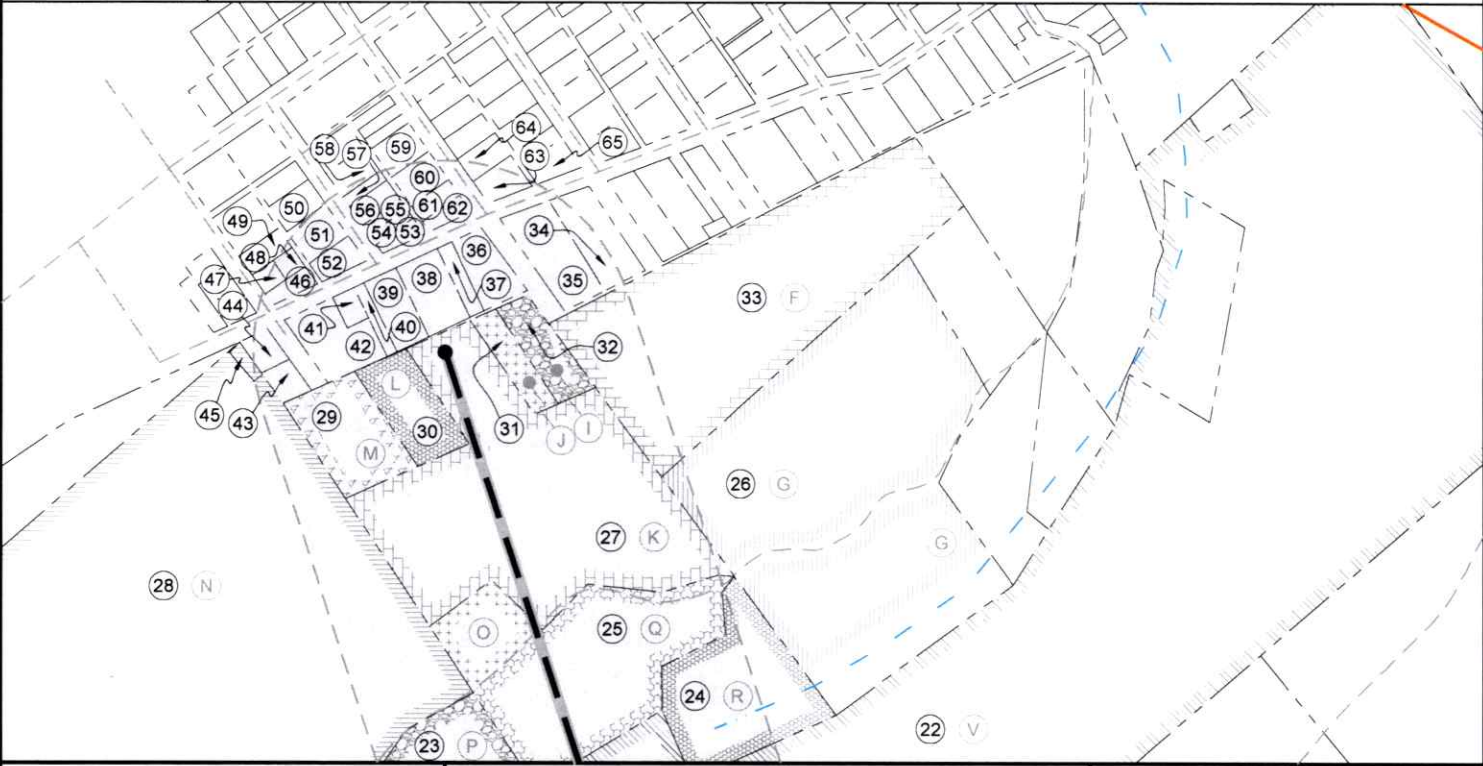


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Detail 2 (1"=500')




FILE NO: 156-54-L-23 DRAWING NO: Grey Unit 1H SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURACY: Submeter PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV	<b>STATE OF WEST VIRGINIA</b> DEPARTMENT OF ENVIRONMENTAL PROTECTION <b>OIL AND GAS DIVISION</b>	DATE: June 13 2025 OPERATOR'S WELL NO. Grey Unit 1H API WELL NO 47 - 095 - 02934 STATE - COUNTY - PERMIT
WELL TYPE: <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL (IF GAS) PRODUCTION: <input type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input checked="" type="checkbox"/> SHALLOW		
LOCATION: ELEVATION: As-Built: 1,092' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City		
DISTRICT: Lincoln COUNTY: Tyler 07/04/2025		
SURFACE OWNER: Robert F. Scardina & Rita K. Scardina ACREAGE: 25.00		
ROYALTY OWNER: Robert F. Scardina & Rita K. Scardina LEASE NO: ACREAGE: 25.00		
PROPOSED WORK: <input type="checkbox"/> DRILL <input type="checkbox"/> CONVERT <input checked="" type="checkbox"/> DRILL DEEPER <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL-MOD 6,300' TVD		
<input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,600' 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. Grey 1H  
BHL-MOD  
Antero Resources Corporation

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Tyler County	
No.	Owner
1	Robert F. & Rita K. Scardina
2	Robert F. & Rita K. Scardina
3	Robert F. & Rita K. Scardina
4	Neil R. Stebbins
5	Sally Anderson (L/E)
6	Ralph D. & Sophia Judge
7	Brian Clegg
8	Michael J. Eddy
9	Cheryl L. Hill
10	Darnell & Cindy Fulks
11	John Goode
12	Richard L. & Linda Tuttle
13	Darnell Fulks
14	Darnell & Cindy Fulks
15	Kevin W. Barnhart
16	Bryan J. & Martha J. Suter
17	Richard Tuttle
18	Richard L. & Linda Tuttle
19	Richard L. Wright, Jr., et al
20	Alice M. Bungard
21	Alice M. Bungard
22	Stanley E. & Edith L. Dennis
23	Charles M. & Rebecca Hayes
24	Jason W. & Lindsay S. Snider
25	Charles M. & Rebecca Hayes
26	G.R. & Patti R. Casteel
27	Eric S. & Tiffany Hayes
28	Stanley E. & Edith L. Dennis
29	Steven S. McFadden
30	Harold M. & Donna J. Harter
31	Richard L. Armstrong
32	Richard L. Wright, et al
33	Robert D. Wetzel
34	Joshua S. Amos
35	Robert D. Wetzel
36	Robert D. Wetzel
37	Harold M. & Donna J. Harter
38	Harold M. & Donna J. Harter
39	Harold M. & Donna J. Harter
40	Harold M. Harter
41	Steven S. McFadden
42	Steven S. McFadden
43	Dennis & Myra Meko
44	Julie A. Taylor
45	Julie A. Taylor
46	David F. & Carla F. Knoop
47	William B. & Josephine B. Shepherd (LE)
48	William B. & Josephine B. Shepherd (LE)
49	Jowill S. Shepherd & Michelle L. Grimm
50	Daniel H. & Karen A. Welch
51	Sanford Clegg, Jr.
52	Richard E. & Flora E. Gallagher
53	John M. Long
54	John M. Long
55	James B. & Patricia J. Means
56	James B. & Patricia J. Means
57	Michael J. & Amy S. Palmer
58	Franna M. Rose
59	Clay G. Morris & Mollie M. Baker
60	Jeremy P. Byers
61	Jeremy P. Byers
62	Tamela B. Dulaney
63	Stephen A. & Deborah L. Space
64	Keyonna R. Thompson & Lucus R. Houle
65	Dennis K. Grimes, et ux

Lease	
Tract F	Timothy O. Brown
Tract G	Sandra Casteel
Tract I	Dyeann Lemley, Life Estate & Dail Monica Sorsby, as Remainderman
Tract J	Richard L. Armstrong
Tract K	Eric Scott Hayes & Tiffany Hayes, hw
Tract L	Harold M. Harter & Donna J. Harter, JTWROS
Tract M	Travis D. Blake & Amy A. Geho-Blake, h/w, JTWROS
Tract N	Stanley E. & Edith L. Dennis, JTWROS
Tract O	Charles M. Hayes & Rebecca S. Hayes , JTWROS
Tract P	Charles M. Hayes & Rebecca S. Hayes , JTWROS
Tract Q	Charles M. Hayes & Rebecca S. Hayes , JTWROS
Tract R	Jason Welby Snider & Lindsay Shay Snider, hw
Tract V	Henry P. Snyder, et al
Tract Z	Aunix Energy, LLC
Tract AB	Richard & Linda Tuttle, h/w JTWROS
Tract AC	Martha Jean Suter & Bryan, JTWROS
Tract AD	John L. Renner, II
Tract AE	Richard & Linda Tuttle, h/w JTWROS
Tract AF	Edward L. Midcap
Tract AH	Ralph & Sophia Judge
Tract AI	Bounty Minerals, LLC.
Tract AJ	Bounty Minerals, LLC.
Tract AK	Cheryl L. Hill
Tract AL	Roger D. Jones
Tract AN	AMP IV, LP
Tract AP	Robert F. Scardina & Rita K. Scardina, h/w
Tract AQ	Robert F. Scardina & Rita K. Scardina, h/w
Tract AX	Robert F. & Rita K. Scardina

FILE NO: 156-54-L-23  
DRAWING NO: Grey Unit 1H  
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: June 13 2025  
OPERATOR'S WELL NO. Grey Unit 1H  
API WELL NO  
47 - 095 - 02934  
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL  
(IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☒ SHALLOW  
LOCATION: ELEVATION: As-Built: 1,092' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City  
DISTRICT: Lincoln COUNTY: Tyler 07/04/2025  
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☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL-MOD 6,300' TVD  
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ADDRESS: 1615 Wynkoop Street  
Denver, CO 80202

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



INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6A, Section 5(a)(5)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
<u>AQ: Robert F. Scardina &amp; Rita K. Scardina, h/w Lease</u> Robert F. Scardina & Rita K. Scardina, h/w	Antero Resources Corporation	1/8+	235/654
<u>AP: Robert F. Scardina &amp; Rita K. Scardina, h/w Lease</u> Robert F. Scardina & Rita K. Scardina, h/w	Antero Resources Corporation	1/8+	235/654
<u>AN: AMP IV, LP Lease</u> AMP IV, LP	Antero Resources Corporation	1/8+	231/747
<u>AH: Ralph &amp; Sophia Judge Lease</u> Ralph & Sophia Judge SEP Exploration, LLC	SEP Exploration, LLC Antero Resources Corporation	1/8+ Agreement	283/360 358/257
<u>AI: Bounty Minerals, LLC Lease</u> Bounty Minerals, LLC	Antero Resources Corporation	1/8+	190/454
<u>AK: Cheryl L. Hill Lease</u> Cheryl L. Hill	Antero Resources Corporation	1/8+	309/345
<u>AL: Roger D. Jones Lease</u> Roger D. Jones	Antero Resources Corporation	1/8+	323/423
<u>AE: Richard &amp; Linda Tuttle, h/w, JTWROS Lease</u> Richard & Linda Tuttle, h/w, JTWROS	Antero Resources Corporation	1/8+	211/512
<u>AC: Martha Jean Suter &amp; Bryan, JTWROS Lease</u> Martha Jean Suter & Bryan, JTWROS	Antero Resources Corporation	1/8+	194/513
<u>AB: Richard &amp; Linda Tuttle, h/w, JTWROS Lease</u> Richard & Linda Tuttle, h/w, JTWROS	Antero Resources Corporation	1/8+	211/512
<u>Z: Aunix Energy, LLC Lease</u> Aunix Energy, LLC	Antero Resources Corporation	1/8+	267/294
<u>V: Henry P. Snyder, et al Lease</u> Henry P. Snyder, et al Charles L. Stout Applied Mechanics Corporation Triad Hunter LLC	Charles L. Stout Applied Mechanics Corporation Triad Hunter LLC Antero Resources Corporation	1/8 Assignment Assignment Assignment	282/338 385/100 385/566 56/718
<u>Q: Charles M Hayes &amp; Rebecca S. Hayes, JTWROS Lease</u> Charles M Hayes & Rebecca S. Hayes, JTWROS	Antero Resources Corporation	1/8+	304/23
<u>Q: Charles M Hayes &amp; Rebecca S. Hayes, JTWROS Lease</u> Charles M Hayes & Rebecca S. Hayes, JTWROS	Antero Resources Corporation	1/8+	304/23

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Office of Oil and Gas

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Environmental Protection

07/04/2025

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6A, Section 5(a)(5)  
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- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
<b><u>K: Eric Scott Hayes &amp; Tiffany Hayes, hw Lease</u></b>				
	<b>Eric Scott Hayes &amp; Tiffany Hayes, hw</b>	<b>Antero Resources Corporation</b>	<b>1/8+</b>	<b>311/547</b>

**\*Cotenancy Utilization** - Antero is utilizing the Co-tenancy Modernization and Majority Protection Act to proceed with development of certain royalty owners' interests in this tract.

**\*\*Pooling/Unitization** – Antero has filed a horizontal well unitization application with the West Virginia Oil and Gas Conservation Commission that seeks to pool certain owners in this tract

**Acknowledgement of Possible Permitting/Approval  
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

RECEIVED  
Office of Oil and Gas

JUN 26 2025

WV Department of  
Environmental Protection

Well Operator: Antero Resources Corporation  
By: Tim Rady  
Its: Senior Vice President of Land



INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6A, Section 5(a)(5)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
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**\*Cotenancy Utilization** - Antero is utilizing the Co-tenancy Modernization and Majority Protection Act to proceed with development of certain royalty owners' interests in this tract.

**\*\*Pooling/Unitization** – Antero has filed a horizontal well unitization application with the West Virginia Oil and Gas Conservation Commission that seeks to pool certain owners in this tract

\*Partial Assignments to Antero Resources Corporation include 100% rights to extract, produce and market the oil and gas from the Marcellus and any other formations completed with this well.

RECEIVED  
Office of Oil and Gas  
JUN 26 2025  
WV Department of  
Environmental Protection

07/04/2025