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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 Izabela Unit 1H  
47-095-02936-00-00

**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 blue ink, appearing to read "James A. Martin", is written over the typed name.

James A. Martin  
Chief

Operator's Well Number: Izabela Unit 1H  
Farm Name: Robert F & Rita K Scardina  
U.S. WELL NUMBER: 47-095-02936-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 07/01/2025

Promoting a healthy environment.

07/04/2025

CK # 4041961  
# 7500

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: Izabela 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: 20400' MD

11) Proposed Horizontal Leg Length: 11527'

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**

<b>TYPE</b>	<u>Size (in)</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling (ft)</u>	<u>INTERVALS: Left in Well (ft)</u>	<u>CEMENT: Fill-up (Cu. Ft.)/CTS</u>
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#	18500	18500 ✓	3734 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

<b>TYPE</b>	<u>Size (in)</u>	<u>Wellbore Diameter (in)</u>	<u>Wall Thickness (in)</u>	<u>Burst Pressure (psi)</u>	<u>Anticipated Max. Internal Pressure (psi)</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
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
47095010470000	ADONIS FOREST PROD	AM84-1	PIN OAK OPERATING LLC	APPLIED MECHANICS	2,748	1923 - 2543	Weir, Gordon	Benson, Alexander

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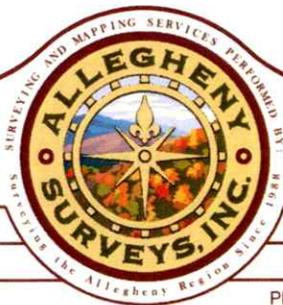
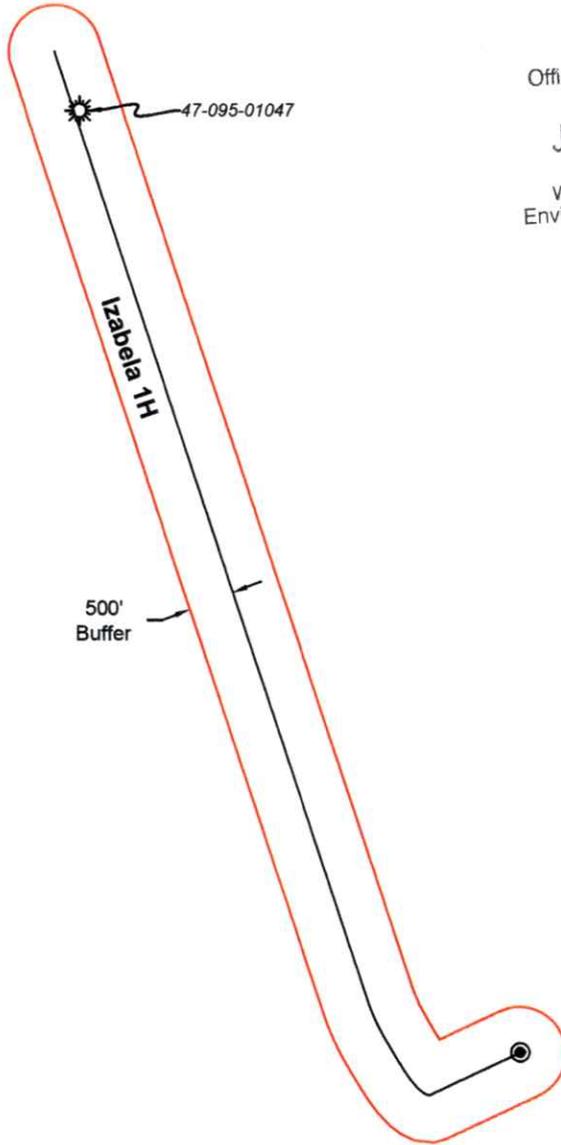
**LEGEND**

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

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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: 64-54-L-25	
FIELD CREW: C.L., K.M.		DRAWING NO: Izabela 1H AOR	



Scale: 1 inch = 2000 feet  
07/04/2025

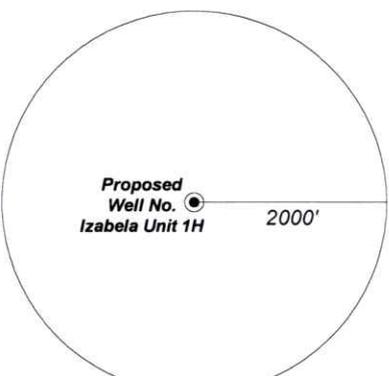
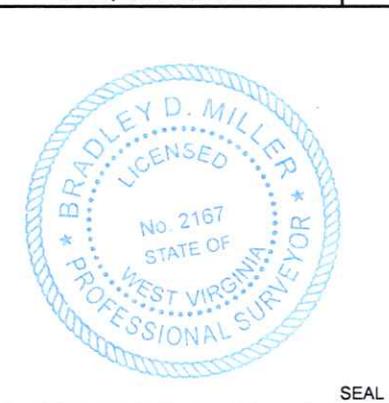


- Legend**
- ⊙ Proposed gas well
  - ⊛ Monument, as noted
  - ⊙ Existing Well, as noted
  - ⊙ Digitized Well, as noted
  - - - Creek or Drain
  - - - Road
  - - - Surface boundary (approx.)
  - - - Interior surface tracts (approx.)

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.

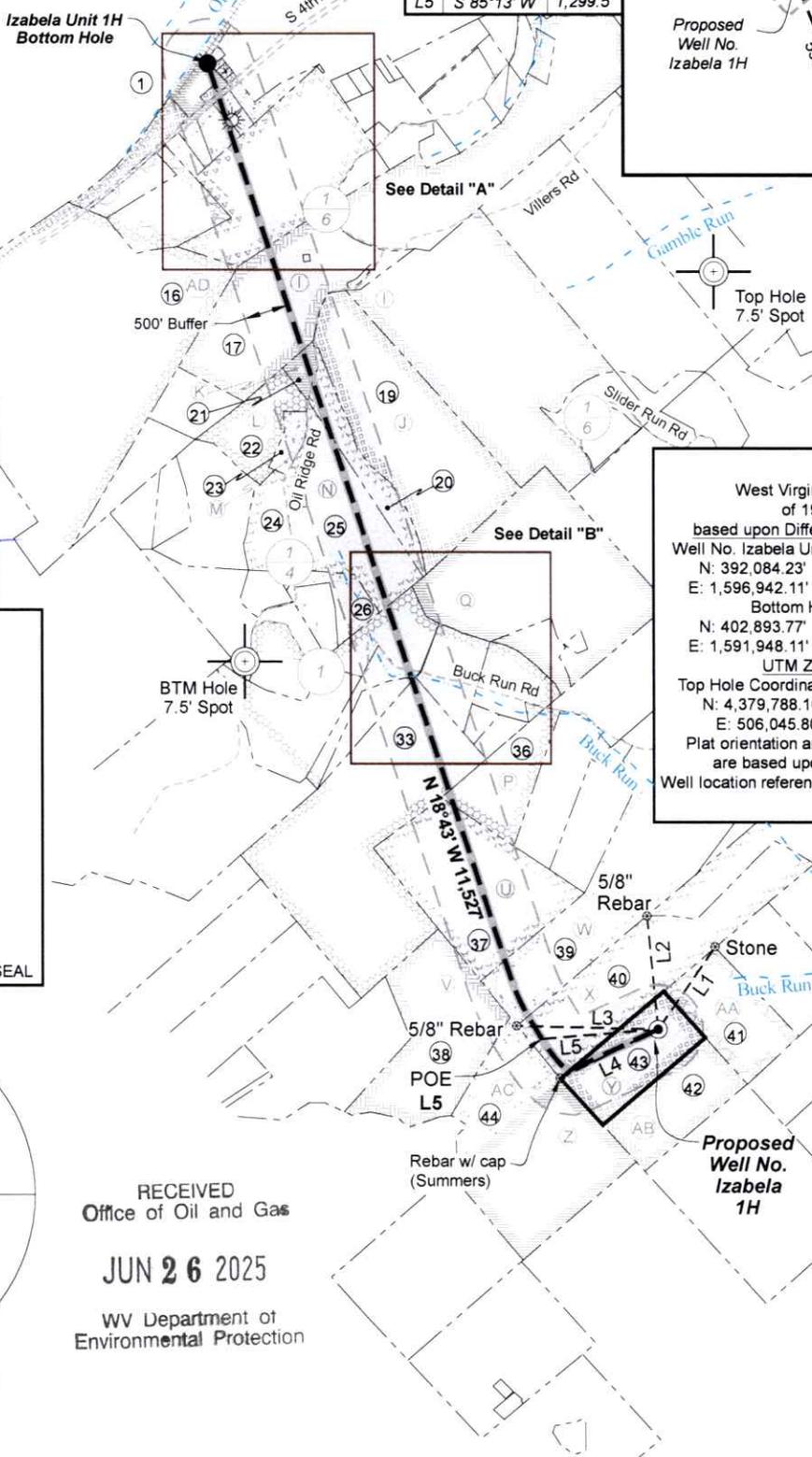
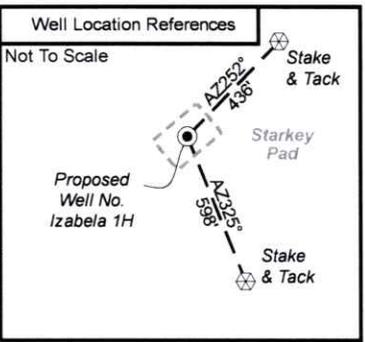
*Bradley D. Miller*

Bradley D. Miller, P.S. 2167



Note: No 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	S 34°32' W	1,118.2'
L2	S 05°34' E	1,274.6'
L3	S 88°37' E	1,578.5'
L4	N 63°21' E	1,222.3'
L5	S 85°13' W	1,299.5'



**Notes**

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

Well No. Izabela Unit 1H Top Hole coordinates are  
 N: 392,084.23' Latitude: 39°34'03.70"  
 E: 1,596,942.11' Longitude: 80°55'47.23"

Bottom Hole coordinates are  
 N: 402,893.77' Latitude: 39°35'49.73"  
 E: 1,591,948.11' Longitude: 80°56'53.22"

UTM Zone 17, NAD 1983

Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,379,788.109m N: 4,383,055.868m  
 E: 506,045.805m E: 504,469.457m

Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

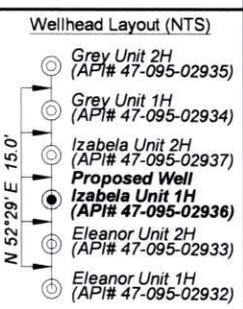
**Notes:**

Well No. Izabela Unit 1H UTM Zone 17, NAD 1927

N: 14,368,640.70'  
 E: 1,660,203.79'

Point of Entry Coordinates  
 N: 14,368,510.77'  
 E: 1,658,911.25'

Bottom Hole Coordinates  
 N: 14,379,361.70'  
 E: 1,655,031.77'



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WV Department of Environmental Protection

FILE NO: 64-54-L-25  
 DRAWING NO: Izabela Unit 1H Well Plat  
 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 19 2025  
 OPERATOR'S WELL NO. Izabela Unit 1H  
**API WELL NO**  
 47 - 095 - 02936  
 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

SURFACE OWNER: Robert F. Scardina & Rita K. Scardina ACREAGE: 25.00  
 ROYALTY OWNER: Robert F. Scardina & Rita K. Scardina LEASE NO: ACREAGE: 25

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 6,700' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,400' 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

8,860' to Bottom Hole

3,699' to Top Hole

BHL LATITUDE 39 - 37 - 30  
 THL LATITUDE 39 - 35 - 00

LONGITUDE 80 - 55 - 00

10,141' to Bottom Hole



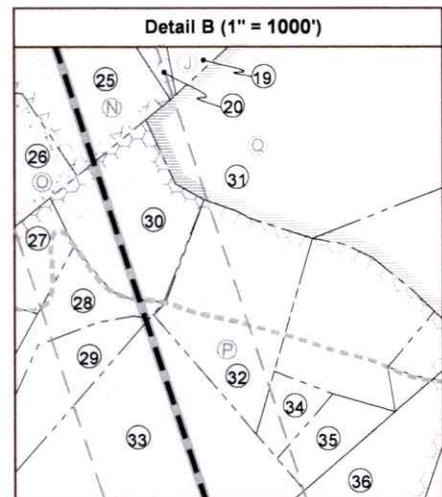
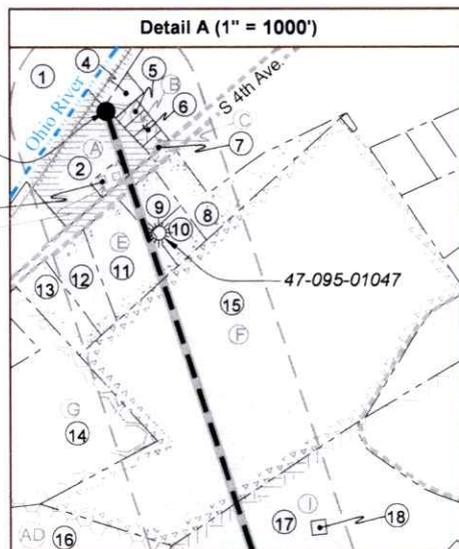
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Leases	
A	Joseph D. Giovinazzo
B	Ronald L. Cain & Karen K. Cain, h/w
C	Frankie Lee Giovinazzo
D	JACC Acquisitions, LLC
E	T&D Corporation, et al
F	Stanley E. Dennis & Edith L. Dennis, JTWROS
G	Albert Merton & Barbara Jo Mohrman
I	Henry P. Snyder, et al
J	Aunix Energy, LLC
K	Antero Minerals, LLC
L	Eagle Investments, LLC
M	Randolph W. Brown
N	Ralph Mikes or Dora Mikes, h/w
O	Alice M. Bungard
P	John L. Renner, II
Q	Richard & Linda Tuttle, JTWROS
U	Robert W. Cross & Jean A. Cross, JTWROS
V	Moore Self Storage, North Carolina, LLC
W	Ralph David & Sophia Judge
X	AMP IV, LP.
Y	Robert F. Scardina & Rita K. Scardina, h/w
Z	Robert F. Scardina & Rita K. Scardina, h/w
AA	Robert F. Scardina & Rita K. Scardina
AB	Robert F. Scardina & Rita K. Scardina
AC	Robert F. Scardina & Rita K. Scardina
AD	Golden Eagle Resources II, LLC

ID	TM-Par	Owner	Bk/Pg	Acres
1	xx-xx	Owner	xx/xx	x.xx
2	3-155	Joseph Giovinazzo, et al	WB87/748	6.07
3	3-155.1	JACC Acquisitions LLC	OR10/127	0.46
4	3-134.1	Ronald L. & Karen K. Cain	OR17/47	0.22
5	3-134.2	Ronald L. & Karen K. Cain	OR17/47	0.62
6	3-134.4	Ronald L. Cain	504/624	0.41
7	3-134.3	Frankie L. Giovinazzo	OR147/160	0.19
8	1-20.2	Trustees of Congregation of Jehovah's Witnesses	292/173	3.59
9	1-20.6	Timothy Bryan & Carolyn Hizer	409/549	1.39
10	1-20.3	Triad Hunter LLC	385/566	0.89
11	1-20	Timothy Bryan & Carolyn Hizer	xx/xx	x.xx
12	1-20.4	Timothy B. & Carolyn R. Hizer	311/682	2.03
13	1-20.5	John T. Daugherty	330/854	1.91
14	1-3	Stanley E. & Edith L. Dennis	350/414	49.97
15	1-20.1	Albert Merton & Barbara Jo Mohrman	399/329	17.50
16	1-4	Haessly Hardwood Lumber Co.	290/457	166.20
17	1-21	Stanley E. & Edith L. Dennis	350/414	77.71
18	1-21.2	Friendly Public Service District	320/321	0.13
19	4-67	Richard L. Wright Jr, et al	408/24	71.41
20	4-66	Dianna M. Mikes	199/362	13.14
21	1-23	Otis Workman	168/186	3.32
22	4-63	Eagle Hardwood Inc.	345/195	16.79
23	4-62	Stephanie D. & Terrance D. Francis	537/521	3.75
24	4-65.1	Carl D. O'Neill	WB36/381	13.26
25	4-65	Carl D. O'Neill	248/117	45.90
26	4-80	Alice M., Harley R. & Judy Bungard	352/104	8.32
27	4-79	Earl A. & Patricia Snider	285/635	3.43
28	4-78.1	Earl Snider	220/11	6.63
29	4-78	Lesley J. Snider	220/13	6.83
30	4-77	Mary Ann Westbrooks	243/98	9.5
31	4-69	Richard Lee & Linda Tuttle	362/43	87.48
32	4-75	Bryan & Martha J. Suter	293/345	12.20
33	4-76	Scott & Jeffery Grim	387/119	90.00
34	4-73	Bryan J. & Martha J. Suter	293/345	1.50
35	4-72	Bryan J. & Martha J. Suter	293/345	2.50
36	4-71	Darnell & Cindy Fulks	484/575	20.00
37	4-92	Robert W. & Jean A. Cross	342/751	53.00
38	4-91	Donna K. Johnston	184/133	54.06
39	5-4	Ralph D. & Sophia Judge	306/681	60.77
40	5-9.4	Neil R. Stebbins	366/436	51.48
41	5-12	Robert F. Scardina & Rita K. Scardina	320/646	25.00
42	5-10	Robert F. Scardina & Rita K. Scardina	320/646	25.00
43	5-11	Robert F. Scardina & Rita K. Scardina	320/646	25.00
44	8-14	Robert F. Scardina & Rita K. Scardina	320/646	72.79



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Submeter  
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WVDOT, Harrisville, WV

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WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Conrad Baston  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.  
Denver, CO 80202 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>Y: 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>X: AMP IV, LP Lease</u> AMP IV, LP	Antero Resources Corporation	1/8+	231/747
<u>W: Ralph David &amp; Sophia Judge Lease</u> Ralph David & Sophia Judge SEP Exploration, LLC	SEP Exploration, LLC Antero Resources Corporation	1/8+ Agreement	283/360 358/276
<u>U: Robert W. Cross &amp; Jean A. Cross, JTWROS Lease</u> Robert W. Cross & Jean A. Cross, JTWROS	Antero Resources Corporation	1/8+	190/433
<u>P: John L. Renner, II Lease</u> John L. Renner, II	Antero Resources Corporation	1/8+	332/730
<u>N: Ralph Mikes or Dora Mikes, h/w Lease</u> Ralph Mikes or Dora Mikes, h/w Charlie Stout Applied Mechanics Corporation Triad Hunter, LLC	Charlie Stout Applied Mechanics Corporation Triad Hunter, LLC Antero Resources Corporation	1/8 Assignment Assignment Assignment	248/117 286/376 385/566 496/776
<u>K: Antero Minerals, LLC Lease</u> Antero Minerals, LLC	Antero Resources Corporation	1/8+	282/547
<u>I: 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>F: Stanley E. Dennis &amp; Edith L. Dennis, JTWROS Lease</u> Stanley E. Dennis & Edith L. Dennis, JTWROS	Antero Resources Corporation	1/8+	220/733
<u>E: T&amp;D Corporation, et al Lease</u> T&D Corporation, et al Charlie Stout Applied Mechanics Corporation Triad Hunter, LLC	Charlie Stout Applied Mechanics Corporation Triad Hunter, LLC Antero Resources Corporation	1/8 Assignment Assignment Assignment	248/113 286/376 385/566 496/776
<u>D: JACC Acquisitions, LLC Lease</u> JACC Acquisitions, LLC	Antero Resources Corporation	1/8+	316/278

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**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)**

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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
<u>A: Joseph D. Giovinazzo Lease</u>	Joseph D. Giovinazzo	Antero Resources Corporation	1/8+	324/472

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**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.

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

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



June 25th, 2025

West Virginia Department of Environmental Protection  
Office of Oil and Gas  
Attn: Mr. Taylor Brewer  
601 57<sup>th</sup> Street  
Charleston, WV 25304

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

Mr. Brewer:

Antero Resources Corporation (Antero) would like to submit the following permit modifications for approved wells on the Starkey Pad. We are requesting to extend the horizontal lateral length which will change the bottom hole location of the Eleanor Unit 2H, Grey Unit 1H, Grey Unit 2H, Izabela Unit 1H, & Izabela Unit 2H wells.

Attached you will find the following documents:

- REVISED Form WW-6B, which shows the revised MD and Production Casing/Cement program
- REVISED Form WW-6A1, which shows the leases we will be drilling into
- REVISED Mylar Plat, which shows the new bottom hole location

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

Thank you in advance for your consideration.

Sincerely,

Carly Wren  
Permitting Agent  
Antero Resources Corporation

Enclosures

CK# 4041958 - Eleanor Unit 2H

AMT \$7,500.<sup>00</sup>/<sub>00</sub>

CK# 4041959 - Grey Unit 1H  
AMT \$7,500.<sup>00</sup>/<sub>00</sub>

CK# 4041960 - Grey Unit 2H  
AMT \$7,500.<sup>00</sup>/<sub>00</sub>

CK# 4041961 - Izabela Unit 1H  
AMT \$7,500.<sup>00</sup>/<sub>00</sub>

CK# 4041962 - Izabela Unit 2H  
AMT \$7,500.<sup>00</sup>/<sub>00</sub>

07/04/2025