



west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
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 text of the letter.

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
75002

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

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#	18500	18500 ✓	3734 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
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

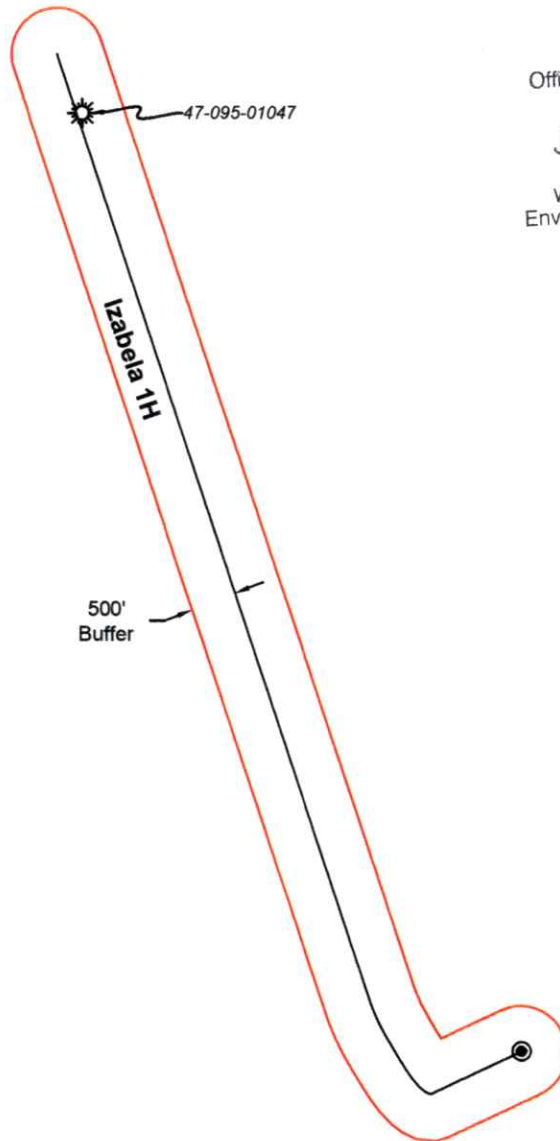
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The orientation of this survey
is Grid North, and its
coordinate base is the West
Virginia Coordinate System
of 1927, North Zone

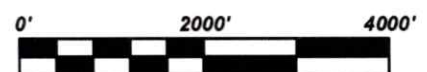


Bridgeport Office
Phone: (304) 848-5035
Fax: (304) 848-5037

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

Sheet 1 of 1



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

Antero Resources
Well No. Izabela 1H
BHL MOD
Antero Resources Corporation

Page
1 of 2



Legend

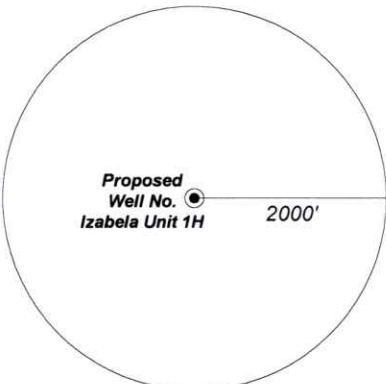
- Proposed gas well
- Monument, as noted
- Existing Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)

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, P.S. 2167



SEAL



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.

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

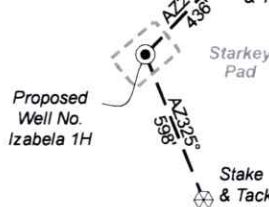
BHL LATITUDE 39 - 37 - 30
THL LATITUDE 39 - 35 - 00

LONGITUDE 80 - 55 - 00
5,697' to Top Hole
10,141' to Bottom Hole

	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'

Well Location References

Not To Scale



See Detail "A"

See Detail "B"

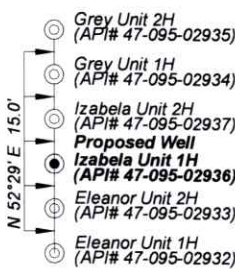
Notes

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'

Wellhead Layout (NTS)





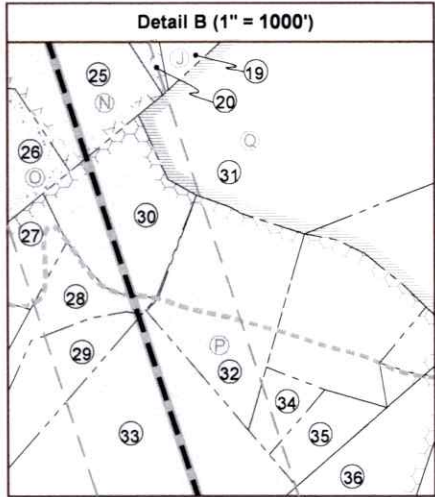
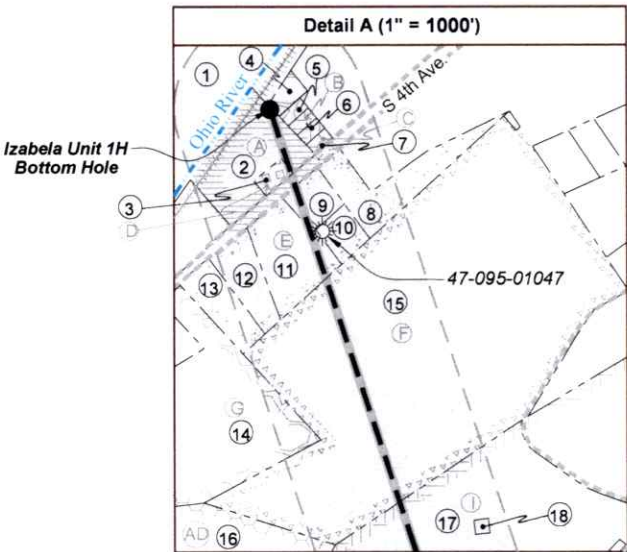
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Leases	
A	Joseph D. Giovinazzo
B	Ronald L. Cain & Karen K. Cain, h/w
C	Frankie Lee Giovinazzo
D	JACC Acquisitions, LLC
E	T&D Corporation, et al
F	Stanley E. Dennis & Edith L. Dennis, JTWROS
G	Albert Merton & Barbara Jo Mohrman
I	Henry P. Snyder, et 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



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
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☐ 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

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 & 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 & 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 & 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 & Edith L. Dennis, JTWROS Lease</u> Stanley E. Dennis & Edith L. Dennis, JTWROS	Antero Resources Corporation	1/8+	220/733
✓ <u>E: T&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

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

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Office of Oil and Gas

JUN 26 2025

WV Department of
Environmental Protection

**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

Operator's Well Number Izabela Unit 1H MOD

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:

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



June 25th, 2025

West Virginia Department of Environmental Protection
Office of Oil and Gas
Attn: Mr. Taylor Brewer
601 57th 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 \$7,500.00

CK# 4041959 - Grey Unit 1H
AMT \$7,500.00

CK# 4041960 - Grey Unit 2H
AMT \$7,500.00

CK# 4041961 - Izabela Unit 1H
AMT \$7,500.00

CK# 4041962 - Izabela Unit 2H
AMT \$7,500.00

07/04/2025