



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

Friday, June 12, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for Dutch Unit 1H
47-095-02964-00-00

Lateral Extension with Forced Pooling

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 black ink that reads "H. Jason Harmon".

H. Jason Harmon
Chief

Operator's Well Number: Dutch Unit 1H
Farm Name: Steve D. & Branda M Higgins
U.S. WELL NUMBER: 47-095-02964-00-00
Horizontal 6A New Drill
Date Modification Issued: 06/12/2026

Promoting a healthy environment.

06/12/2026

WW-6B
(04/15)

RECEIVED
Office of Oil and Gas

MAY 22 2026

WV Department of
Environmental Protection

API NO. 47-095 - 02964

OPERATOR WELL NO. Dutch Unit 1H MOD

Well Pad Name: Eller Pad

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 Ellsworth Porters Falls 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Dutch Unit 1H MOD Well Pad Name: Eller Pad

3) Farm Name/Surface Owner: Steve D. & Brenda M. Higgins Public Road Access: Veterans Hwy

4) Elevation, current ground: 1274' Elevation, proposed post-construction: 1254'

5) Well Type (a) Gas X Oil _____ Underground Storage _____
Other _____

(b) If Gas Shallow X Deep _____
Horizontal X _____

CK# 4051740
CK\$ 7500.00

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus Shale: 7100' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2800#

8) Proposed Total Vertical Depth: 7100' TVD

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 20,500' MD

11) Proposed Horizontal Leg Length: 11,412'

12) Approximate Fresh Water Strata Depths: 400'

13) Method to Determine Fresh Water Depths: From 47095006850000

14) Approximate Saltwater Depths: 500'

15) Approximate Coal Seam Depths: N/A

16) Approximate Depth to Possible Void (coal mine, karst, other): Yes

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: _____

WW-6B
(04/15)

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API NO. 47- 095 - 02964

OPERATOR WELL NO. Dutch Unit 1H MOD

Well Pad Name: Eller Pad

MAY 22 2026

18)

WV Department of
Oil and Gas
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#	450'	450'	CTS, 469 Cu. Ft.
Coal	9-5/8"	New	J-55	36#	3400'	3400'	CTS, 1384 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110	23#	20500'	20500'	4238 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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(10/14)

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WV Department of
Environmental Protection

API NO. 47- 095 - 02964

OPERATOR WELL NO. Dutch Unit 1H MOD

Well Pad Name: Effer Pad

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

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

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): 30.15 acres

22) Area to be disturbed for well pad only, less access road (acres): 18.51 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.

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

500' Buffer

Dutch 1H

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Office of Oil and Gas

MAY 22 2026

WV Department of
Environmental Protection



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

172 Thompson Drive
Bridgeport, WV 26330

PARTY CHIEF: C. Lynch

RESEARCH: J. Miller

SURVEYED: Dec. 2016

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

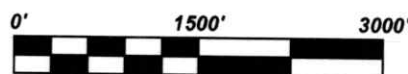
DRAWN BY: C. Robinson

PREPARED: May 20, 2026

PROJECT NO: 272-34-M-24

DRAWING NO: Dutch 1H BHL AOR

Sheet 1 of 1



Scale: 1 inch = 1500 feet

06/12/2026

Antero Resources
Well No. Dutch 1H
BHL_MOD
Antero Resources Corporation



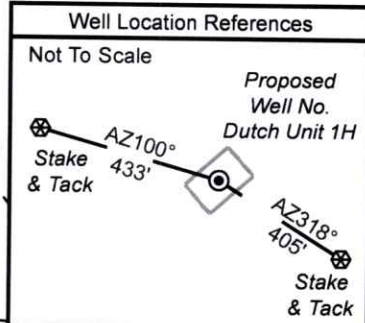
Page 1 of 4

	Bearing	Dist.
L1	N 40°10' W	4,224.6'
L2	N 25°27' E	2,296.8'
L3	N 58°49' E	2,702.7'
L4	S 44°08' E	4,606.1'
L5	N 22°22' W	1,495.2'

11,384' to Top Hole

5,873' to Bottom Hole
TOP LATITUDE 39 - 37 - 30
BTM LATITUDE 39 - 37 - 30

TOP LONGITUDE 80 - 50 - 00
BTM LONGITUDE 80 - 52 - 30



- Wellhead Layout (NTS)
- Jade Unit 1H (API#47-095-02966)
 - Mullett Unit 2H (API#47-095-02969)
 - Mullett Unit 1H (API#47-095-02968)
 - Dutch Unit 2H (API#47-095-02965)
 - Proposed Well Dutch Unit 1H (API#47-095-02964)

Notes:

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

Top Hole Coordinates
N: 14,375,174.57'
E: 1,675,994.15'

Point of Entry Coordinates
N: 14,376,546.26'
E: 1,675,402.90'

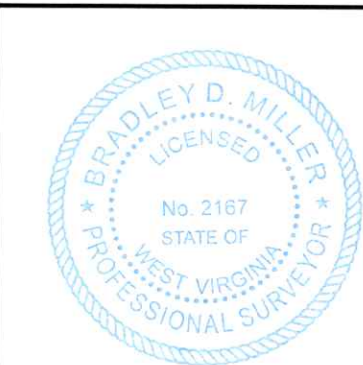
Bottom Hole Coordinates
N: 14,386,453.33'
E: 1,669,747.49'

- Legend
- Proposed gas well
 - Found corner, as noted
 - Existing Well, as noted
 - Digitized Well
 - Surface boundary (approx.)
 - Interior surface tracts (approx.)
 - County Line (approx.)

Proposed Well No. Dutch Unit 1H

2,000'

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.



Notes

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

Well No. Dutch Unit 1H Top Hole coordinates are
N: 398,355.70' Latitude: 39°35'08.13"
E: 1,612,844.77' Longitude: 80°52'25.41"

Bottom Hole coordinates are
N: 409,741.05' Latitude: 39°36'59.72"
E: 1,606,785.22' Longitude: 80°53'45.06"

UTM Zone 17, NAD 1983

Top Hole Coordinates Bottom Hole Coordinates
N: 4,381,779.776m N: 4,385,217.534m
E: 510,858.799m E: 508,954.908m

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

Well location references are based upon the magnetic meridian.

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

FILE NO: 272-34-M-24

DRAWING NO: Dutch 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: May 19 2026

OPERATOR'S WELL NO. Dutch 1H

API WELL NO

47 - 095 - 02964

STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

Proposed Elev: 1,254'
LOCATION: ELEVATION: Existing Elev: 1,274' WATERSHED: Outlet Middle Island Creek

DISTRICT: Ellsworth / Magnolia

SURFACE OWNER: Steven D. & Brenda M. Higgins

ROYALTY OWNER: Beverly Kay Campbell

LEASE NO: ACREAGE: 164.28125

PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL-MOD 7,100' TVD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,500' MD

WELL OPERATOR: Antero Resources Corporation

DESIGNATED AGENT: Conrad Baston

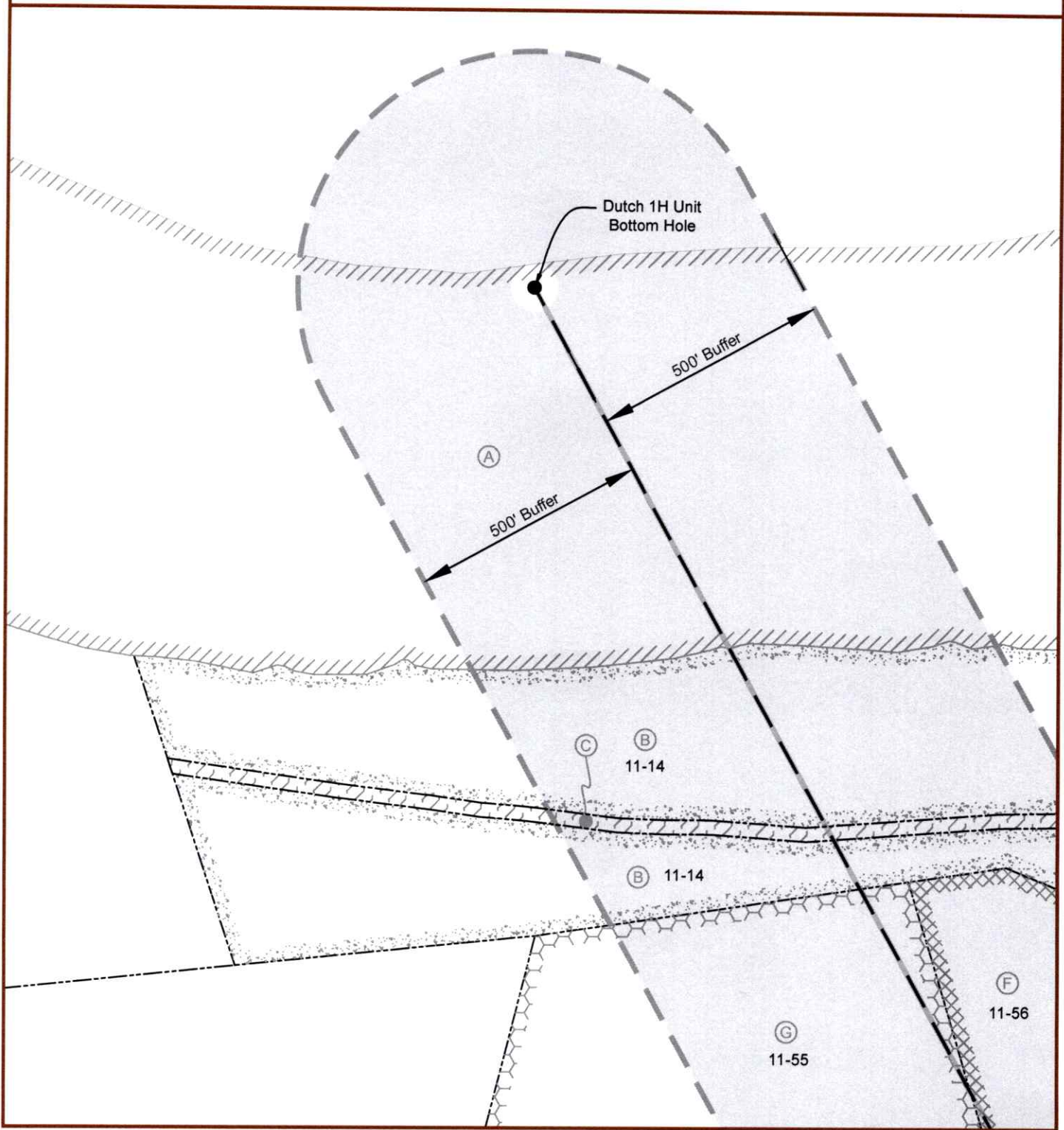
ADDRESS: 1615 Wynkoop Street

ADDRESS: 535 White Oaks Blvd.

Denver, CO 80202

Bridgeport, WV 26330

Detail A (1" = 300')



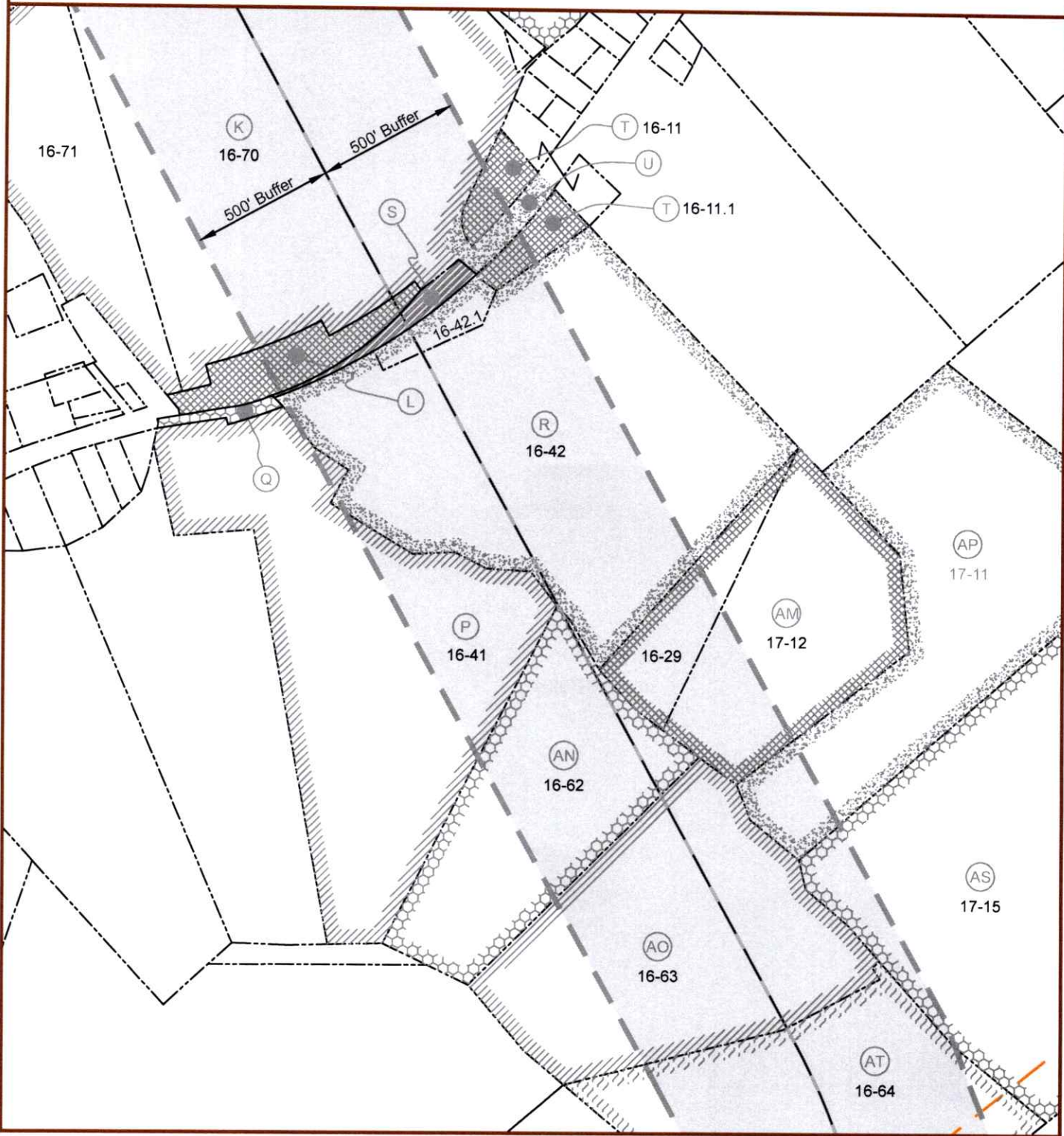
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Submeter
PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

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API WELL NO
47 - 095 - 02964
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(IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☒ SHALLOW
Proposed Elev: 1,254'
LOCATION: ELEVATION: Existing Elev: 1,274' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Porters Falls
DISTRICT: Ellsworth / Magnolia COUNTY: 06/12/2026
SURFACE OWNER: Steven D. & Brenda M. Higgins ACREAGE: 163.34
ROYALTY OWNER: Beverly Kay Campbell LEASE NO: ACREAGE: 164.28125
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL-MOD 7,100' TVD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,500' 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 B (1" = 500')



FILE NO: 272-34-M-24
DRAWING NO: Dutch 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: May 19 2026
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47 — 095 — 02964
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LOCATION: ELEVATION: Existing Elev: 1,274' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Porters Falls
DISTRICT: Ellsworth / Magnolia COUNTY: Tyler, W. Va.
SURFACE OWNER: Steven D. & Brenda M. Higgins ACREAGE: 163.34
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TM - Par	Owner	Bk/Pg	Acres
Wetzel County			
11-14	Pernida Davis	A114/246	20.05
11-55	Michael G. Dent & Karla M. Fletcher	475/809	52.27
11-56	Melrose Oil & Gas Company	133/61	25.00
11-72	Robert Eller	422/272	37.00
11-73	Gregory V. & Myra L. Hart	443/76	50.00
11-73.1	Mensore Family Trust 2011	518/370	10.00
11-101	Willhoite Family Farm Trust	493/37	134.51
11-103	Willhoite Family Farm Trust	493/37	27.11
16-11	Rosa Lea Krebs	WB40/96	1.11
16-11.1	Rosa Lea Krebs	331/78	1.01
16-29	Terry D. & Tammy M. Wade	482/447	3.58
16-41	Jo Ann Kay	395/329	24.14
16-42	Terry D. & Tammy M. Wade	482/447	35.99
16-42.1	Gregory R. Fluharty	WB76/107	1.04
16-62	Jo Ann Kay	395/329	15.59
16-63	Jo Ann Kay	395/329	19.00
16-64	Richard Todd Kay	420/650	29.00
16-66	Niles & Betty Hissom	312/383	37.03
16-67	Robert D. Wetzel	404/372	82.06
16-70	David B. Phillips & Mary Jane Northcraft, ETAL	A111/797	48.95
16-71	Ann C. Moore	388/14	12.78
17-11	M.B. Investments	334/56	23.85
17-12	M.B. Investments	334/56	8.00
17-15	Daniel & Amy Witschey Living Trust	494/578	37.90
Tyler County			
1-11	Daniel & Amy Witschey Living Trust (Dated 7/14/2022)	319/73	20.05
3-9	Steven D. & Brenda M. Higgins	313/623	163.34

Leases	
Tract A	WVDNR
Tract B	Pernida J. Davis
Tract C	West Virginia Department of Transportation, Division of Highways
Tract F	Daniel L. Givens
Tract G	Pikewood Energy Corporation
Tract H	Clyde Bert Snider
Tract I	George William Sine Jr.
Tract J	Willhoite Family Farm Trust
Tract K	BRC Appalachian Minerals I, LLC
Tract L	West Virginia Department of Transportation, Division of Highways
Tract M	Niles D. Hissom & Betty Jo Hissom, JTWROS
Tract P	Ronald E. Kay, et al
Tract Q	West Virginia Department of Transportation, Division of Highways
Tract R	Gregory R. Fluharty
Tract S	West Virginia Department of Transportation, Division of Highways
Tract T	Rosa Lea Krebs
Tract U	West Virginia Department of Transportation, Division of Highways
Tract AM	Master Mineral Holdings II, LP
Tract AN	Ronald E. Kay, et al
Tract AO	Ronald E. Kay, et al
Tract AP	M.B. Investments, a West Virginia Partnership
Tract AS	Ridgetop Royalties, LLC
Tract AT	Michael Stillwagner
Tract AU	Robert D. Wetzel
Tract AV	Beverly Kay Campbel

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ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

WW-6A1

MAY 22 2026

Operator's Well Number Dutch Unit 1H MOD WV Department of
Environmental Protection

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
AV: Beverly Kay Campbell Lease Beverly Kay Campbell	Antero Resources Corporation	1/8+	0012/0572
AT: Michael Stillwagner Lease Michael Stillwagner Stone Energy Corporation EQT Production Company	Stone Energy Corporation EQT Production Company Antero Resources Corporation	1/8 Assignment Assignment	0421/0168 0556/0132 0662/0686
AO: Ronald E. Kay, et al Lease Ronald E. Kay, et al	Antero Resources Corporation	1/8+	384A/0451
AN: Ronald E. Kay, et al Lease Ronald E. Kay, et al	Antero Resources Corporation	1/8+	384A/0451
R: Gregory R. Fluharty Lease Gregory R. Fluharty TH Exploration LLC	TH Exploration LLC Antero Resources Corporation	1/8 Assignment	203A/0242 Pooled Tract
S: West Virginia Department of Transportation, Division of Highways Lease West Virginia Department of Transportation, Division of Highway	Antero Resources Corporation	1/8+	0357/0595
L: West Virginia Department of Transportation, Division of Highways Lease West Virginia Department of Transportation, Division of Highway	Antero Resources Corporation	1/8+	0357/0595
K: BRC Appalachian Minerals I, LLC Lease BRC Appalachian I, LLC BRC Working Interest Company LLC Chesapeake Appalachia LLC SWN Production Company Antero Exchange Properties LLC	BRC Working Interest Company LLC Chesapeake Appalachia LLC SWN Production Company Antero Exchange Properties LLC Antero Resources Corporation	1/8 Assignment Assignment Assignment Assignment	102A/0505 103A/0470 157A/0540 177A/0533 0009/0404
J: Willhoite Family Farm Trust Lease Willhoite Family Farm Trust	Antero Resources Corporation	1/8+	302A/0834
I: George William Sine Jr. Lease George William Sine Jr.	Antero Resources Corporation	1/8+	403A/0423
H: Clyde Bert Snider Lease Clyde Bert Snider	Antero Resources Corporation	1/8+	294A/0712
F: Daniel L. Givens Lease Daniel L. Givens	Antero Resources Corporation	1/8+	419A/0693
G: Pikewood Energy Corporation Lease Pikewood Energy Corporation	Antero Resources Corporation	1/8+	407A/0796

06/12/2026

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Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
<u>B: Pernida J. Davis Lease</u> Pernida J. Davis	Antero Resources Corporation	1/8+	419A/0693
<u>C: West Virginia Department of Transportation, Division of Highways Lease</u> West Virginia Department of Transportation, Division of Highway	Antero Resources Corporation	1/8+	0357/0595
<u>B: Pernida J. Davis Lease</u> Pernida J. Davis	Antero Resources Corporation	1/8+	419A/0693

RECEIVED
Office of Oil and Gas
MAY 22 2026
WV Department of
Environmental Protection

*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.

*Co-tenancy 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.

**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:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
A: <u>WVDNR Lease</u>				
	WVDNR	Antero Resources Corporation	1/8+	441A/0406

*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.

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Office of Oil and Gas

MAY 22 2026

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Environmental Protection

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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