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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, October 4, 2022  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION  
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for PETER 2H  
47-017-06934-00-00

**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 blue ink signature of James A. Martin, written in a cursive style.

James A. Martin  
Chief

Operator's Well Number: PETER 2H  
Farm Name: JEFFREY D & CRAIG A HILL ET AL  
U.S. WELL NUMBER: 47-017-06934-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 10/04/2022

Promoting a healthy environment.

CK # 4012944  
\$ 5000

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

1) Well Operator: Antero Resources Corporat 494507062 017-Doddrid Grant Smithburg 7.5'  
Operator ID County District Quadrangle

2) Operator's Well Number: Peter Unit 2H MOD Well Pad Name: Lemley Pad

3) Farm Name/Surface Owner: Phillip N. Hill, et al Public Road Access: Hollow Run Rd

4) Elevation, current ground: 1304' AS BUILT Elevation, proposed post-construction: \_\_\_\_\_

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

Other \_\_\_\_\_

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

Horizontal X \_\_\_\_\_

SDW  
10/4/2022

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):  
Marcellus Shale: 7600' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2850#

8) Proposed Total Vertical Depth: 7600' TVD

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 17,300' MD

11) Proposed Horizontal Leg Length: 8354.1

12) Approximate Fresh Water Strata Depths: 291', 345, 366' 790'

13) Method to Determine Fresh Water Depths: 47-017-04998, 47-017-04719. Depths have been adjusted according to surface elevations.

14) Approximate Saltwater Depths: 1460', 1673', 1700', 1710'

15) Approximate Coal Seam Depths: 980'

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>	<b>Size (in)</b>	<b>New or Used</b>	<b>Grade</b>	<b>Weight per ft. (lb/ft)</b>	<b>FOOTAGE: For Drilling (ft)</b>	<b>INTERVALS: Left in Well (ft)</b>	<b>CEMENT: Fill-up (Cu. Ft.)/CTS</b>
Conductor	20"	New	X60	78.67#	100'	100'	CTS, 96 Cu. Ft.
Fresh Water	13-3/8"	New	J/K-55	54.5#	840'	840'	CTS, 583 Cu. Ft.
Coal	9-5/8"	New	J/K-55	36#	3200'	3200'	CTS, 1303 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110Cy	20#	17300'	17300'	3432 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#		7100'	
Liners							

*SOW  
10/4/2022*

<b>TYPE</b>	<b>Size (in)</b>	<b>Wellbore Diameter (in)</b>	<b>Wall Thickness (in)</b>	<b>Burst Pressure (psi)</b>	<b>Anticipated Max. Internal Pressure (psi)</b>	<b>Cement Type</b>	<b>Cement Yield (cu. ft./k)</b>
Conductor	20"	24"	0.438"	1530	50	Class A	~1.18
Fresh Water	13-3/8"	17-1/2"	0.38"	2730	1000	Class A	~1.18
Coal	9-5/8"	12-1/4"	0.352"	3520	1500	Class A	~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			RECEIVED Office of Oil and Gas  <b>SEP 26 2022</b>  WV Department of Environmental Protection
Sizes:	N/A			
Depths Set:	N/A			

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

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

\*Antero will be air drilling the fresh water string which makes it difficult to determine when fresh water is encountered. Therefore, we have built in a buffer for the casing setting depth which helps to ensure that all fresh water zones are covered.

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): 27.26 acres

22) Area to be disturbed for well pad only, less access road (acres): 4.31 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 cement.

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

Intermediate: Class A 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 + 0.2% ACR-20

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

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25) Proposed borehole conditioning procedures:

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

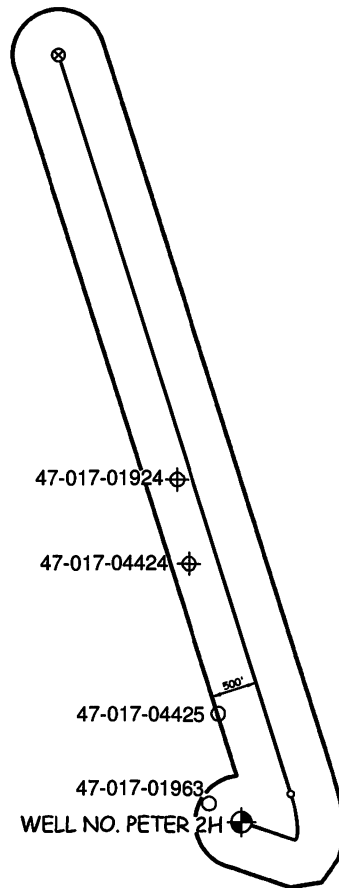
Surface: blowhole clean with air, trip to conductor shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate pipe capacity + 40 bbls fresh water followed by 25 bbls bentonite mud, 10 bbls fresh water spacer.

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.

LEMLEY PAD  
ANTERO RESOURCES  
CORPORATION



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WILLOW LAND SURVEYING, PLLC P.O. BOX 17, PENNSBORO, WV 26415 (304) 659-1717		SCALE : 1-INCH = 2000-FEET
	JOB #: 22-005WA	0' 2000' 4000' 6000'
DATE: 09/19/22	DRAWN BY: D.L.P.	FILE: PETER2HAOR.DWG

UWI (APINum)	Well Name	Well Number	Operator	Historical Operator	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
47017019630000	W BOYCE	5124	DOMINION TRANSMISION	HOPE NATURAL GAS	2,294		Big Injun, Squaw	Alexander, Berea
47017044250000	GLENVILLE STATE COLLEGE ALUMNI FOUND	1	ROSS & WHARTON GAS	JACK PROD	5,718	2194 - 5558	Big Injun, Bayard, Riley, Benson, Elk	Alexander, Berea
47017044240000	PRATT JAMES I & MARY D ET AL	1	JACK PROD	JACK PROD				
47017019240000	S DARNELL	1530	DIVERSIFIED PROD LLC	HOPE NATURAL GAS	2,254		Big Injun	Alexander, Berea

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LATITUDE 39°20'00"

3,883'

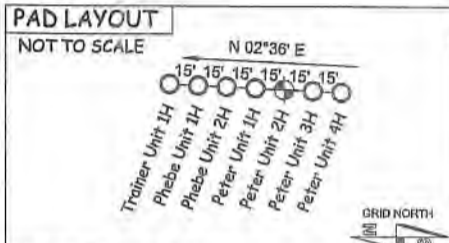
5,938' TO BOTTOM HOLE  
LATITUDE 39°22'30"

LONGITUDE 80°40'00"  
LONGITUDE 80°40'00"  
2,600'  
9,476' TO BOTTOM HOLE

Antero Resources Corporation  
Well No. Peter Unit 2H

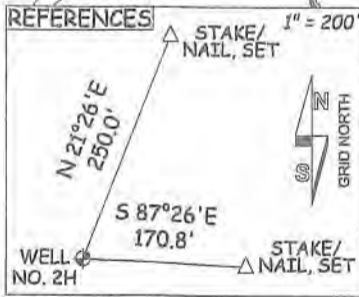
NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 303,111ft E: 1,666,086ft  
LAT: 39°19'34.31" LON: 80°40'49.42"  
BOTTOM HOLE INFORMATION:  
N: 311,438ft E: 1,664,140ft  
LAT: 39°20'56.35" LON: 80°41'15.59"  
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 2H TOP HOLE INFORMATION:  
N: 4,353,034m E: 527,563m  
BOTTOM HOLE INFORMATION:  
N: 4,355,561m E: 526,928m

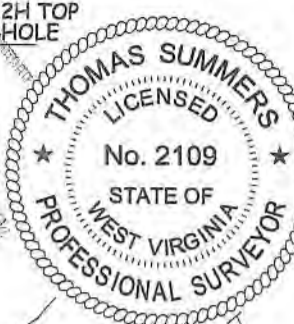


(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 2H TOP HOLE INFORMATION:  
N: 14,280,864ft E: 1,730,799ft  
POINT OF ENTRY INFORMATION:  
N: 14,281,229ft E: 1,731,349ft  
BOTTOM HOLE INFORMATION:  
N: 14,289,154ft E: 1,728,714ft

NOTE:  
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



LEGEND  
— Surface Owner Boundary Lines +/-  
--- Interior Surface Tracts +/-  
--- Existing Fence  
⊕ Found monument, as noted



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STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

THOMAS SUMMERS P.S. 2109

DATE 9/07/22  
OPERATOR'S WELL# PETER UNIT #2H

API WELL # 47 - 017 - 06934  
STATE COUNTY PERMIT

JOB # 13-012WA  
DRAWING # PETER2HR2  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS  
WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 1,304' AS BUILT WATERSHED MCELROY CREEK  
QUADRANGLE SMITHBURG 7.5 DISTRICT GRANT COUNTY DODDRIDGE

SURFACE OWNER BRIAN D. LEMLEY & CHRISTY M. LEMASTER ET AL ACREAGE 59.08 ACRES +/-  
OIL & GAS ROYALTY OWNER MARIETTE LEMLEY ET AL; MORRIS MOUNTAINEERS OIL & GAS, LLC; DELORIS NADINE LEASE ACREAGE 66.87 AC±; 50 AC±; 158.4 AC±;  
DAVIS; GSC ALUMNI FOUNDATION INC.; STELLA DARNELL ET VIR; BETTY GASCH; ABRAM GAIN ET UX; DAVID & MAGGIE SISCO 61.4 AC±; 112 AC±; 17 AC±; 85 AC±; 74 AC±

WELL OPERATOR ANTERO RESOURCES CORP.  
ADDRESS 1615 WYNKOOP STREET

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER X REDRILL \_\_\_ FRACTURE OR STIMULATE X  
PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL  
(SPECIFY) MOD-BHL PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,600' TVD 17,300' MD  
DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 5400 D BIG TYLER ROAD  
CHARLESTON, WV 25313

WV NORTH ZONE  
GRID NORTH

COUNTY NAME PERMIT

LATITUDE 39°20'00"

3,883'

5,938' TO BOTTOM HOLE  
LATITUDE 39°22'30"

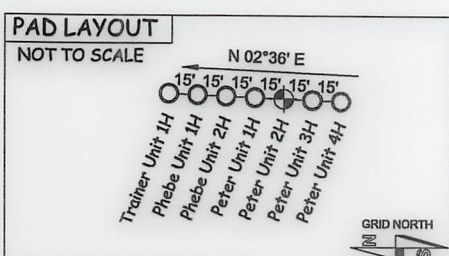
LONGITUDE 80°40'00"  
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Antero Resources Corporation  
Well No. Peter Unit 2H

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- - - Interior Surface Tracts +/-  
- - - Existing Fence  
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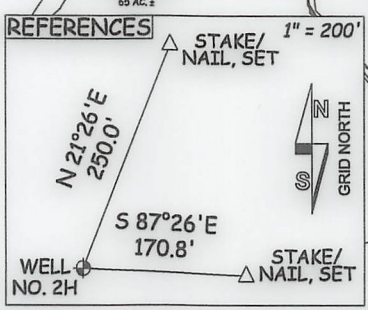
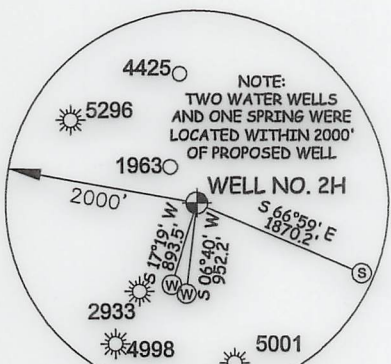
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JOB # 13-012WA  
DRAWING # PETER2HR2  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

BRIAN D. LEMLEY & CHRISTY M. LEMASTER ET AL  
D.B. 281 PG. 691 T.J.L. 9 PAR. 11 59.08 AC.±  
THOMAS SUMMERS P.S. 2109

DATE 9/07/22  
OPERATOR'S WELL # PETER UNIT #2H

API WELL # 47 - 017 - 06934  
STATE COUNTY PERMIT

QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE

SURFACE OWNER BRIAN D. LEMLEY & CHRISTY M. LEMASTER ET AL ACREAGE 59.08 ACRES +/-  
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PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,600' TVD 17,300' MD

WELL OPERATOR ANTERO RESOURCES CORP. ADDRESS 1615 WYNKOOP STREET DENVER, CO 80202  
DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

COUNTY NAME PERMIT



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>Mariette Lemley, et al Lease</u> Mariette Lemley, et al S&K Land Company Mert Development, Inc. Continental Reserves 1980-E Appalachian Energy Development Corporation Appalachian Energy Reserves, Inc. Jay Shearer Clowser Production Company Antero Resources Appalachian Corporation	S&K Land Company Mert Development, Inc. Continental Reserves 1980-E Appalachian Energy Development Corporation Appalachian Energy Reserves, Inc. Jay Shearer Clowser Production Company Antero Resources Appalachian Corporation Antero Resources Corporation	1/8 Assignment Assignment Assignment Affidavit of Identity Assignment Assignment Assignment Name Change	0114/0075 0115/0110 0123/0022 0150/0251 0019/0210 0179/0146 0285/0420 0285/0417 0046/0523
<u>Morris Mountaineers Oil &amp; Gas LLC Lease</u> Morris Mountaineers Oil & Gas LLC	Antero Resources Corporation	1/8+	503/354
<u>Deloris Nadine Davis Lease</u> Deloris Nadine Davis Jay Bee Production Antero Resources Appalachian Corporation	Jay Bee Production Company Antero Resources Appalachian Corporation Antero Resources Corporation	1/8+ Assignment Name Change	215/229 301/373 46/523
<u>GSC Alumni Foundation Inc Lease</u> GSC Alumni Foundation Inc Eastern American Energy Corporation Edward Mullooly S.W. Jack Ventures Jack Production Inc Mike Ross Inc Antero Resources Appalachian Corporation	Eastern American Energy Corporation Edward Mullooly S.W. Jack Ventures Jack Production Inc Mike Ross Inc Antero Resources Appalachian Corporation Antero Resources Corporation	1/8 Assignment Assignment Assignment Assignment Assignment Name Change	178/59 175/640 182/54 180/344 257/461 267/401 46/523
<u>Stella Darnell et vir Lease</u> Stella Darnell et vir Hope Natural Gas Company CNG Transmission Corporation Dominion Transmission Inc Antero Resources Appalachian Corporation	Hope Natural Gas Company CNG Transmission Corporation Dominion Transmission Inc Antero Resources Appalachian Corporation Antero Resources Corporation	1/8 Confirmatory Deed Certificate of Authority Partial Assignment Name Change	23/47 143/345 58/362 230/113 46/523
<u>Betty Casch Lease</u> Betty Casch Drilling Appalachian Corporation Antero Resources Appalachian Corporation	Drilling Appalachian Corporation Antero Resources Appalachian Corporation Antero Resources Corporation	1/8 Assignment Name Change	182/328 262/600 46/523
<u>Abram Gain et ux Lease</u> Abram Gain et ux Hope Natural Gas Company Consolidated Gas Supply Corporation Consolidated Gas Transmission Corporation CNG Transmission Corporation Dominion Transmission Inc Antero Resources Appalachian Corporation	Hope Natural Gas Company Consolidated Gas Supply Corporation Consolidated Gas Transmission Corporation CNG Transmission Corporation Dominion Transmission Inc Antero Resources Appalachian Corporation Antero Resources Corporation	1/8 Merger Assignment Merger Merger Assignment Name Change	23/46 143/345 135/583 51/795 58/362 230/113 46/523

\*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.

Operator's Well Number Peter Unit 2H 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)

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 –

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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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Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
David & Maggie Sisco Lease	David & Maggie Sisco	Antero Resources Corporation	1/8+	460/52

\*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 & Gas  
SEP 21 2022  
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 - Land



Stansberry, Wade A &lt;wade.a.stansberry@wv.gov&gt;

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**Modification Horizontal H6A Well Work Permit (47-017-06933, 47-017-06934, 47-017-06935, 47-017-06936, 47-017-06939)**

1 message

**Stansberry, Wade A** <wade.a.stansberry@wv.gov>

Wed, Oct 5, 2022 at 7:34 AM

To: Mallory Stanton &lt;mstanton@anteroresources.com&gt;, Diane Blair &lt;d Blair@anteroresources.com&gt;, Dani DeVito &lt;ddevito@shalepro.com&gt;, David Sponaugle &lt;dspoung@assessor.state.wv.us&gt;, "Ward, Samuel D" &lt;samuel.d.ward@wv.gov&gt;, "Blevins, Cragin" &lt;cragin.blevins@wv.gov&gt;

I have attached a copy of the newly issued well [permit](#) number(s). This will serve as your copy.

**47-017-06933 - PETER UNIT 1H**  
**47-017-06934 - PETER UNIT 2H**  
**47-017-06935 - PETER UNIT 3H**  
**47-017-06936 - PETER UNIT 4H**  
**47-017-06939 - TRAINER UNIT 1H**

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

Thank you,

**Wade A. Stansberry**

**Environmental Resource Specialist 3**

**West Virginia Department of Environmental Protection**

**Office of Oil & Gas**

**601 57th St. SE**

**Charleston, WV 25304**






**(304) 926-0499 ext. 41115**

**(304) 926-0452 fax**

**[Wade.A.Stansberry@wv.gov](mailto:Wade.A.Stansberry@wv.gov)**

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**5 attachments**

-  **47-017-06934 - mod.pdf**  
1923K
-  **47-017-06935 - mod.pdf**  
1936K
-  **47-017-06936 - mod.pdf**  
1949K
-  **47-017-06939 - mod.pdf**  
2272K
-  **47-017-06933 - mod.pdf**  
1986K