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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 3H  
47-017-06935-00-00

**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.

James A. Martin  
Chief

Operator's Well Number: PETER 3H  
Farm Name: JEFFREY D & CRAIG A HILL ET AL  
U.S. WELL NUMBER: 47-017-06935-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 10/04/2022

Promoting a healthy environment.

CK # 4012945  
# 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 3H 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

SOW  
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: 7400' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2850#

8) Proposed Total Vertical Depth: 7400' TVD

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 17800' MD

11) Proposed Horizontal Leg Length: 7775.8'

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>	<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	X60	78.67#	100'	100'	CTS, 96 Cu. Ft.
Fresh Water	13-3/8"	New	J-55	54.5#	840'	840'	CTS, 583 Cu. Ft.
Coal	9-5/8"	New	J-55	36#	3200'	3200'	CTS, 1303 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110HP	20#	17800'	17800'	3568 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#		7100'	
Liners							

*500  
10/4/2022*

<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	~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			
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 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-5

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.

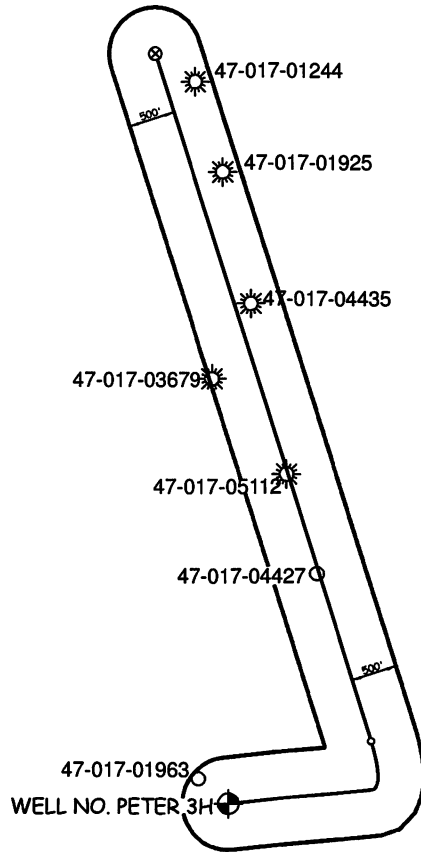
Surface: blowhole clean with air, trip to conductor shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate pipe capacity + 40 bbls fresh water followed by 25 bbls bentonite mud, 10 bbls fresh water spacer.

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

JOB #: 22-005WA

FILE: PETER3HAOR.DWG

SCALE : 1-INCH = 2000-FEET



DATE: 09/19/22

DRAWN BY: D.L.P.

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
47017044270000	GLENVILLE STATE COLLEGE ALUMNI FOUND	3	ROSS & WHARTON GAS	JACK PROD	5,700	2258 - 5630	Big Injun, Riley, Benson, Elk	Alexander, Berea
47017051120000	DARNELL STELLA R	8490	DIVERSIFIED PROD LLC	DOMINION EXPL&PROD	2,700	1950 - 2424	Big Injun, Berea	Alexander
47017036790000	DARNELL STELLA R	3344	DIVERSIFIED PROD LLC	CNG DEVELOPMENT CO	5,401	4968 - 4974	Big Injun, Gordon, Benson	Alexander, Berea
47017044350000	GASCH	1	DIVERSIFIED PROD LLC	DAC CORP	2,208	1994 - 2015	Big Injun	Berea
47017019250000	A GAIN	1531	DIVERSIFIED PROD LLC	CONSOL GAS SUPPLY CRP	1,875		Big Injun	Alexander, Berea
47017012440000	S R GAIN HRS	1	R & R OIL & GAS LLC	CAREY OIL	2,498		Big Injun	Alexander, Berea

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LATITUDE 39°20'00"

3,884'

4,773' TO BOTTOM HOLE  
LATITUDE 39°22'30"

LONGITUDE 80°40'00" 9,703' TO BOTTOM HOLE

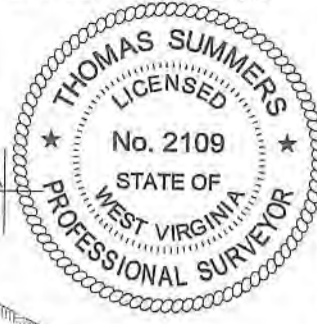
2,615' LONGITUDE 80°40'00"

Antero Resources Corporation  
Well No. Peter Unit 3H

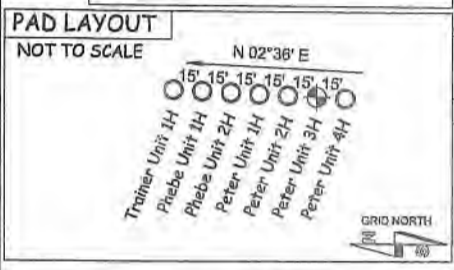
NOTES:  
WELL 3H TOP HOLE INFORMATION:  
N: 303,096ft E: 1,666,085ft  
LAT: 39°19'34.16" LON: 80°40'49.42"  
BOTTOM HOLE INFORMATION:  
N: 311,195ft E: 1,665,301ft  
LAT: 39°20'54.09" LON: 80°41'00.76"  
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH 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 3H TOP HOLE INFORMATION:  
N: 4,353,029m E: 527,563m  
BOTTOM HOLE INFORMATION:  
N: 4,355,493m E: 527,283m

WW NORTH ZONE GRID NORTH

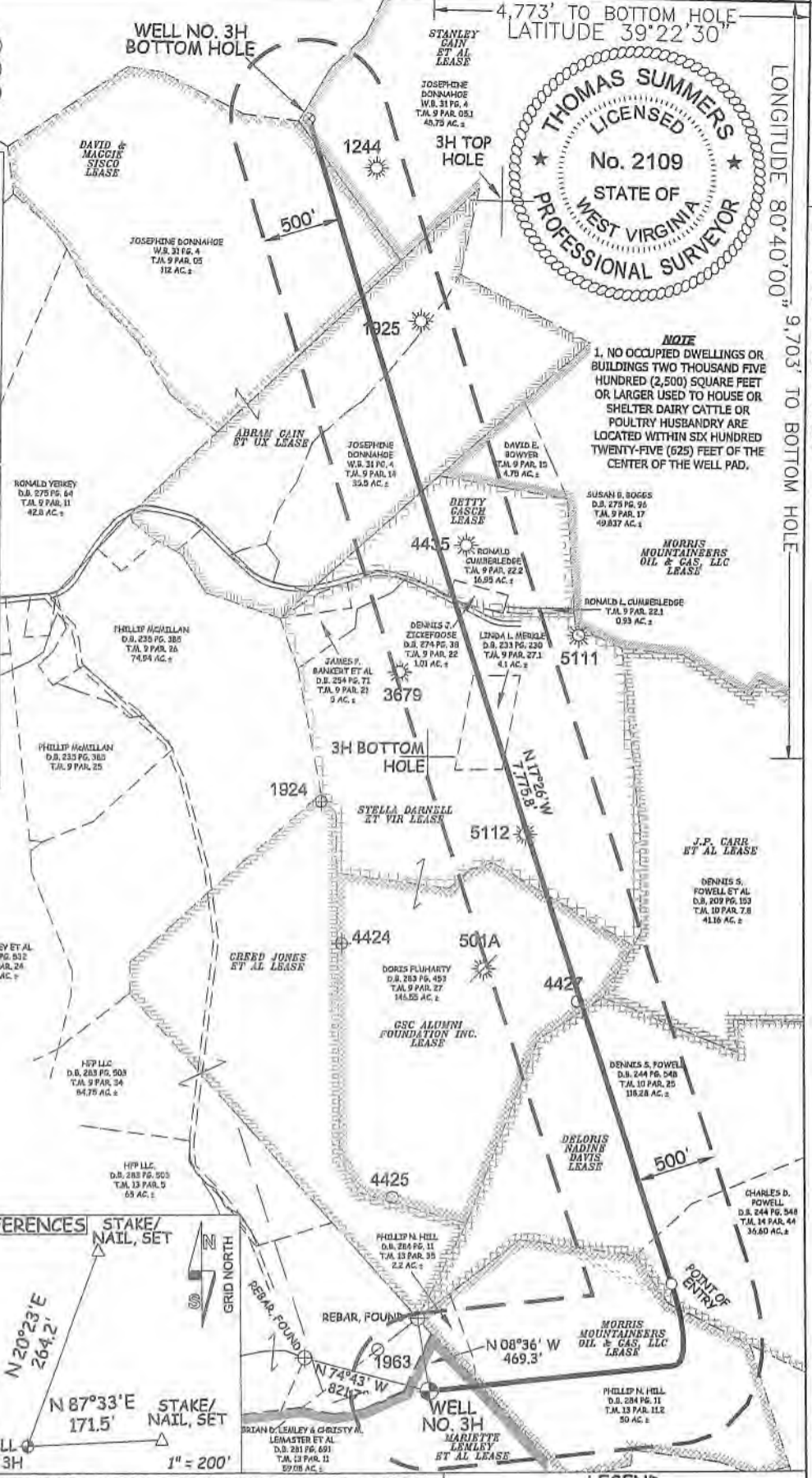
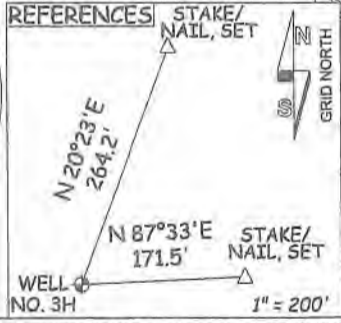
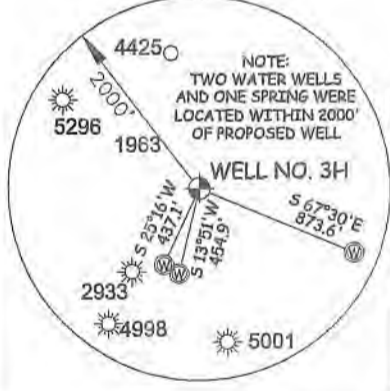


NOTE  
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 3H TOP HOLE INFORMATION:  
N: 14,280,849ft E: 1,730,798ft  
POINT OF ENTRY INFORMATION:  
N: 14,281,354ft E: 1,732,331ft  
BOTTOM HOLE INFORMATION:  
N: 14,288,930ft E: 1,729,879ft

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SEP 21 2022  
WV Department of Environmental Protection



JOB # 13-012WA  
DRAWING # PETER3HR  
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

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

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

THOMAS SUMMERS P.S. 2109  
DATE 9/07/22  
OPERATOR'S WELL# PETER UNIT #3H

API WELL # 47-017-06935  
STATE COUNTY PERMIT

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 DAVIS; LEASE ACREAGE 66.87 AC±; 50 AC±; 158.4 AC±; GSC ALUMNI FOUNDATION INC.; STELLA DARNELL ET VIR; BETTY GASCH; ABRAM GAIN ET UX; DAVID & MAGGI SISCO; STANLEY GAIN ET AL 61.4 AC±; 112 AC±; 19.4 AC±; 85 AC±; 74AC±; 48.75 AC±  
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 7,400' TVD 17,800' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT



LATITUDE 39°20'00"

3,884'

4,773' TO BOTTOM HOLE  
LATITUDE 39°22'30"

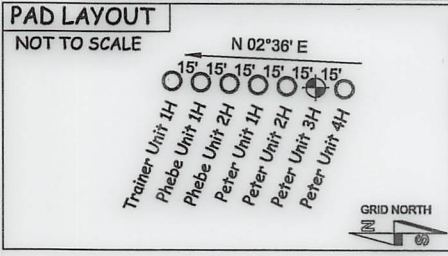
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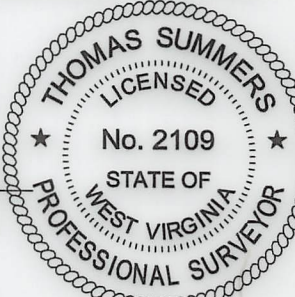
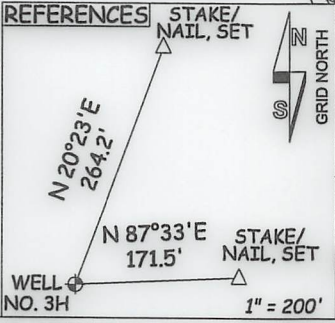
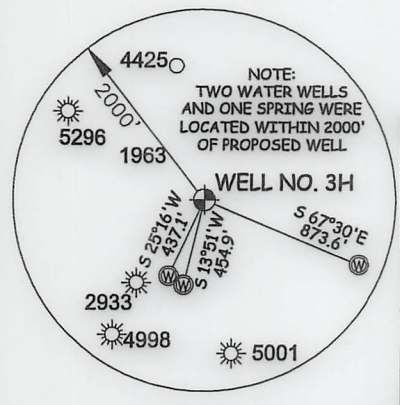
### Antero Resources Corporation Well No. Peter Unit 3H

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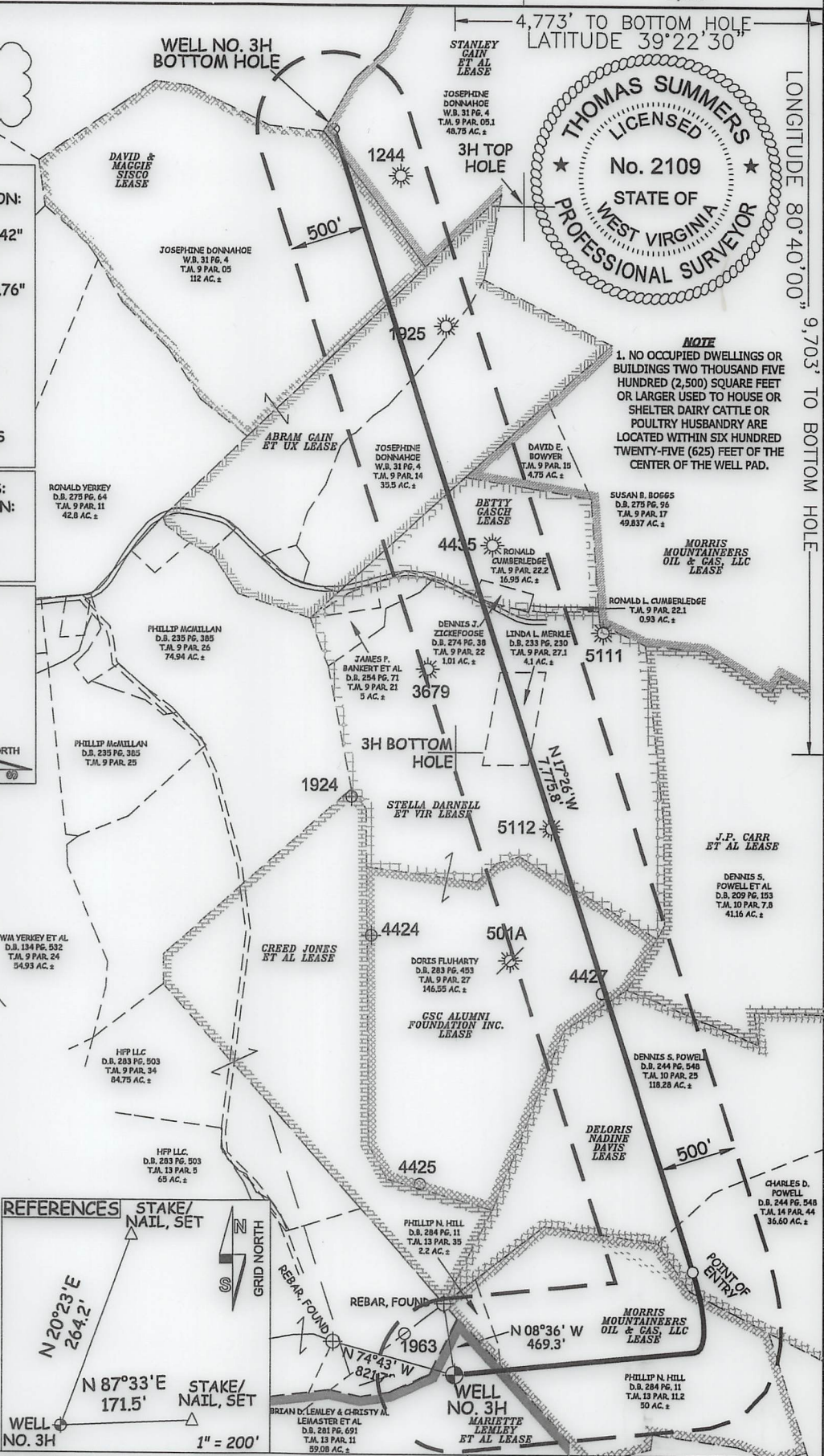
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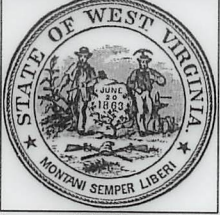


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STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

**LEGEND**

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

THOMAS SUMMERS P.S. 2109

DATE 9/07/22

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL GAS  LIQUID INJECTION  WASTE DISPOSAL

(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW

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 DAVIS; LEASE ACREAGE 61.4 AC±; 112 AC±; 19.4 AC±; 85 AC±; 74AC±; 48.75 AC±

GSC ALUMNI FOUNDATION INC.; STELLA DARNELL ET VIR; BETTY GASCH; ABRAM GAIN ET UX; DAVID & MAGGIE SISCO; STANLEY GAIN ET AL

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DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

OPERATOR'S WELL# PETER UNIT #3H

API WELL # 47 - 017 - 06935

STATE COUNTY PERMIT

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
<b><u>Mariette Lemley, et al Lease</u></b>			
Mariette Lemley, et al	S&K Land Company	1/8	0114/0075
S&K Land Company	Mert Development, Inc.	Assignment	0115/0110
Mert Development, Inc.	Continental Reserves 1980-E	Assignment	0123/0022
Continental Reserves 1980-E	Appalachian Energy Development Corporation	Assignment	0150/0251
Appalachian Energy Development Corporation	Appalachian Energy Reserves, Inc	Affidavit of Identity	0019/0210
Appalachian Energy Reserves, Inc.	Jay Shearer	Assignment	0179/0146
Jay Shearer	Clowser Production Company	Assignment	0285/0420
Clowser Production Company	Antero Resources Appalachian Corporation	Assignment	0285/0417
<b>Antero Resources Appalachian Corporation</b>	<b>Antero Resources Corporation</b>	<b>Name Change</b>	<b>0046/0523</b>
<b><u>Morris Mountaineers Oil &amp; Gas LLC Lease</u></b>			
<b>Morris Mountaineers Oil &amp; Gas LLC</b>	<b>Antero Resources Corporation</b>	<b>1/8+</b>	<b>0503/0354</b>
<b><u>Deloris Nadine Davis Lease</u></b>			
Deloris Nadine Davis	Jay Bee Production Company	1/8+	0215/0229
Jay Bee Production	Antero Resources Appalachian Corporation	Assignment	0301/0373
<b>Antero Resources Appalachian Corporation</b>	<b>Antero Resources Corporation</b>	<b>Name Change</b>	<b>0046/0523</b>
<b><u>GSC Alumni Foundation Inc Lease</u></b>			
GSC Alumni Foundation Inc	Eastern American Energy Corporation	1/8	0178/0059
Eastern American Energy Corporation	Edward Mullooly	Assignment	0178/0640
Edward Mullooly	S.W. Jack Ventures	Assignment	0182/0054
S.W. Jack Ventures	Jack Production Inc	Assignment	0180/0344
Jack Production Inc	Mike Ross Inc	Assignment	02570/461
Mike Ross Inc	Antero Resources Appalachian Corporation	Assignment	0267/0401
<b>Antero Resources Appalachian Corporation</b>	<b>Antero Resources Corporation</b>	<b>Name Change</b>	<b>0046/0523</b>
<b><u>Stella Darnel, I et vir Lease</u></b>			
Stella Darnel, et vir	Hope Natural Gas Company	1/8	0023/0047
Hope Natural Gas Company	CNG Transmission Corporation	Confirmatory Deed	0143/0345
CNG Transmission Corporation	Dominion Transmission Inc	Certificate of Authority	0058/0362
Dominion Transmission Inc	Antero Resources Appalachian Corporation	Partial Assignment	0230/0113
<b>Antero Resources Appalachian Corporation</b>	<b>Antero Resources Corporation</b>	<b>Name Change</b>	<b>0046/0523</b>
<b><u>Betty Gasch Lease</u></b>			
Betty Gasch	Drilling Appalachian Corporation	1/8	182/328
Drilling Appalachian Corporation	Antero Resources Appalachian Corporation	Assignment	262/600
<b>Antero Resources Appalachian Corporation</b>	<b>Antero Resources Corporation</b>	<b>Name Change</b>	<b>46/523</b>
<b><u>Abram Gain, et ux Lease</u></b>			
Abram Gain, et ux	Hope Natural Gas Company	1/8	0023/0046
Hope Natural Gas Company	Consolidated Gas Supply Corporation	Merger	0143/0345
Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	0135/0583
Consolidated Gas Transmission Corporation	CNG Transmission Corporation	Merger	0051/0795
CNG Transmission Corporation	Dominion Transmission Inc	Merger	0058/0362
Dominion Transmission Inc	Antero Resources Appalachian Corporation	Assignment	0230/0113
<b>Antero Resources Appalachian Corporation</b>	<b>Antero Resources Corporation</b>	<b>Name Change</b>	<b>0046/0523</b>
<b><u>David &amp; Maggie Sisco Lease</u></b>			
<b>David Sisco and Maggie Sisco</b>	<b>Antero Resources Corporation</b>	<b>1/8+</b>	<b>0460/0052</b>

**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
<b>Stanley Gain, et al Lease</b>	Stanley Gain, et al	Carey Oil Company	1/8	0087/0045
	Carey Oil Company	Sally J. Hershberger	Assignment	0091/0444
	Sally J. Hershberger	Hershberger Explorations, Inc	Assignment	0092/0613
	Hershberger Explorations, Inc	James F. Scott	Assignment	0096/0043
	James F. Scott	Emax Oil Company	Assignment	0161/0001
	Emax Oil Company	Antero Resources Corporation	Assignment	0342/0358

\*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.

**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

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WV Department of  
Environmental Protection

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