



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

Wednesday, December 18, 2024
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for FARLEY UNIT 2H
47-017-06971-00-00

Lateral Extension/ New Leases

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: FARLEY UNIT 2H
Farm Name: ANTERO RESOURCES CORPORATION
U.S. WELL NUMBER: 47-017-06971-00-00
Horizontal 6A New Drill
Date Modification Issued: 12/18/2024

Promoting a healthy environment.

12/20/2024

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

1) Well Operator: Antero Resources Corporation 494507062 017 - Doddri Southwe Oxford 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Farley Unit 2H MOD Well Pad Name: Locke Pad

3) Farm Name/Surface Owner: Antero Resources Corporation Public Road Access: Taylor Drain Road

4) Elevation, current ground: 1100.5' - AS BUILT Elevation, proposed post-construction: _____

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

(b) If Gas Shallow Deep _____
Horizontal _____

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus Shale: 7000' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2850#

8) Proposed Total Vertical Depth: 7000' TVD

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 23300' MD

11) Proposed Horizontal Leg Length: 13271' *Open to modification at a later date

12) Approximate Fresh Water Strata Depths: 236', 260', 320', 326'

13) Method to Determine Fresh Water Depths: 4701703390000, 47017000980000 Offset well records. Depths have been adjusted according to surface elevations.

14) Approximate Saltwater Depths: 1733', 1750'

15) Approximate Coal Seam Depths: N/A

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

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

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Environmental Protection

CK# 4037217
\$7500.00
12/5/2024

Shawn King
12-13-24 12/20/2024

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	J-55	94#	100'	100'	CTS, 96 Cu. Ft.
Fresh Water	13-3/8"	New	J-55	54.5#	376'	376'	CTS, 392 Cu. Ft.
Coal	9-5/8"	New	J-55	36#	2750'	2750'	CTS, 1120 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P110-ICY	23#	23300'	23300'	CTS, 4943 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"	0.375"	2250	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"	14,360	2500	Class G/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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Shawn King
12-13-24 12/20/2024

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

Drill a new horizontal shallow well into the 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): 27.54 acres

22) Area to be disturbed for well pad only, less access road (acres): 13.31 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/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 G/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 for mud flush and 10 bbls water.

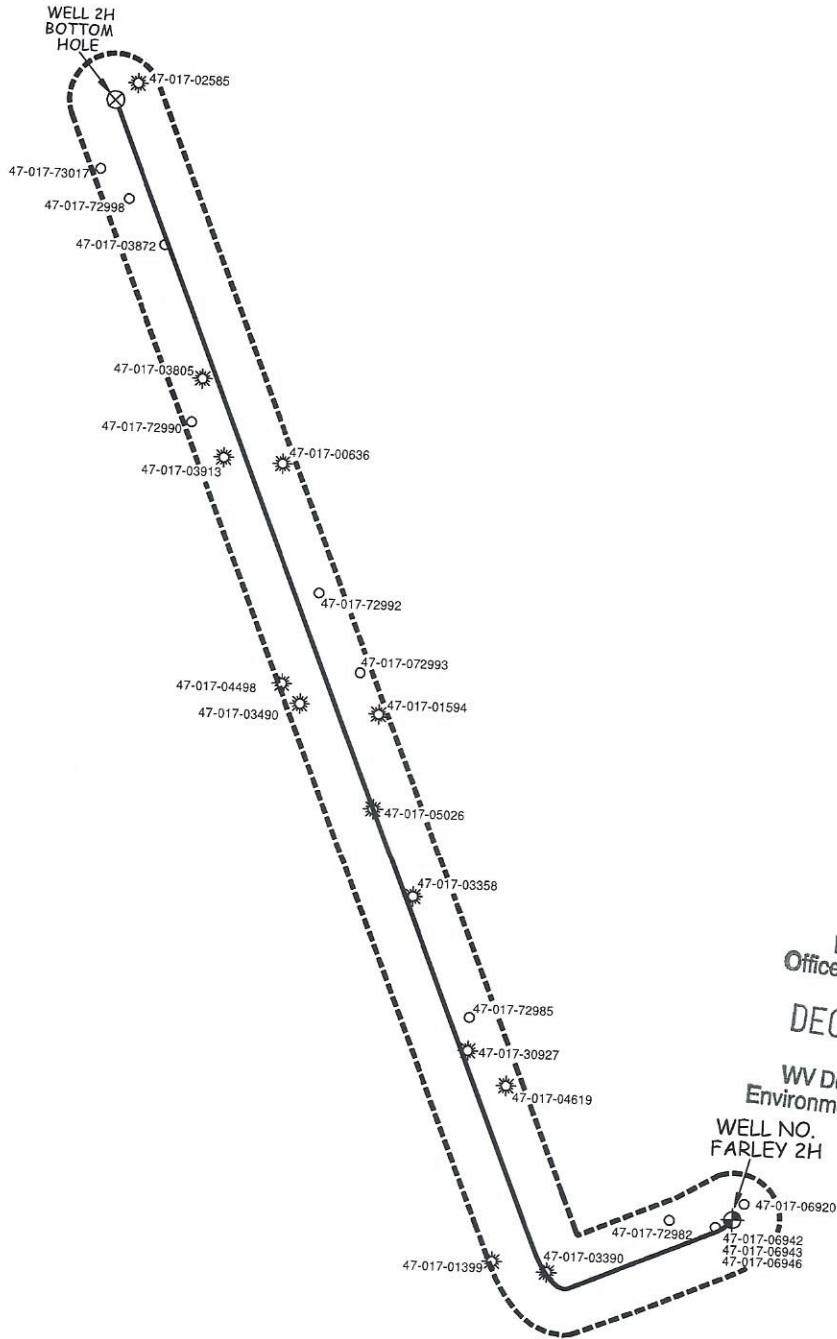
*Note: Attach additional sheets as needed.

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Shun King

12-13 12/20/2024

LOCKE PAD ANTERO RESOURCES CORPORATION



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WV Department of
Environmental Protection

WELL NO.
FARLEY 2H

WILLOW LAND SURVEYING, PLLC
P.O. BOX 17, PENNSBORO, WV 26415
(304) 659-1717

JOB #: 23-019WA

SCALE : 1-INCH = 2000-FEET



DATE: 12/5/2024

DRAWN BY: D.L.P.

FILE: FARLEY2HAOR.DWG

12/20/2024

UWI (API Num)	Well Name	Well Number	Operator	Historical Operator	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
47017069200000	LOCKE UNIT	5V	ANTERO RESOURCES CORP	ANTERO RESOURCES CORP				
47017069420000	JENKINS UNIT	1H	ANTERO RESOURCES CORP	ANTERO RESOURCES CORP				
47017069430000	JENKINS UNIT	2H	ANTERO RESOURCES CORP	ANTERO RESOURCES CORP	16,348	6937 - 16227	Marcellus	
47017069460000	SHOTTER UNIT	2H	ANTERO RESOURCES CORP	ANTERO RESOURCES CORP	16,754	7122 - 16620	Marcellus	
47017729820000	E W OSBORNE	1	UNKNOWN	ANTERO RESOURCES CORP	16,978	6926 - 16847	Marcellus	
47017033900000	OSBURN E W	J-807	GREYLOCK CONVENTIONAL LLC	UNKNOWN				
47017013990000	E W OSBORNE	2	TRIO OIL & GAS	J & J ENTERPRISES	5,988			
47017046190000	WHITEHAIR	6	KEY OIL	TRIO PETROLEUM INC	2,035	4273 - 4969	Riley, Alexander	
47017309270000	A E LEGGETT	1	UNKNOWN	KEY OIL	5,263		Big Injun	Weir, Benson
47017729850000	DAVID BALL	4815	PHILADELPHIA OIL	UNKNOWN	1,945	3240 - 5102	Warren, Riley, Alexander	Weir, Benson, Alexander
47017033580000	GRAY M B ET AL	CNDG466	DIVERSIFIED PRODUCTION LLC	PHILADELPHIA OIL				Weir, Benson
47017050260000	GRAY M B ET AL	14260	DIVERSIFIED PRODUCTION LLC	CNG DEVELOPMENT CO	5,341	5111 - 5160	Alexander	
47017034900000	GRAY M B HEIRS	2290	DIVERSIFIED PRODUCTION LLC	DOMINION EXPL&PROD	2,513	1913 - 2173	Penn System, Big Injun, Weir	Weir, Benson
47017044980000	SCOTT	2	KEY OIL	CNG DEVELOPMENT CO	5,405	5158 - 5206	Alexander	Benson, Alexander
47017015940000	GRAY M B	11285	DIVERSIFIED PRODUCTION LLC	KEY OIL	5,376	3360 - 5196	Warren, Speechley, Balltown, Riley, Benson, Elk, Alexander	Weir, Benson
47017729920000	D P SCOTT		UNKNOWN	CONSOL GAS SUPPLY CRP	2,061	1913 - 1952	Big Injun	Weir
47017039130000	STANSBERRY GEORGE J ETAL	2	UNKNOWN	UNKNOWN				Weir, Benson, Alexander
47017006360000	S D & ROSCOE SCOTT HRS	2	HARPER CROSBY HOLDINGS LLC	UNKNOWN				
47017729900000	SARAH D & R SCOTT	1	UNKNOWN	FLUHARTY ENTERPRISES	5,454	4204 - 5122	Riley, Benson, Alexander	
47017038050000	BLAUSER/MAXWELL W B	31	GREYLOCK OPCO LLC	MURPHY OIL PENN	1,910		Big Injun	Weir
47017038720000	JUDY STINE	1	P G OIL & GAS INC	UNKNOWN				Weir, Benson, Alexander
47017729980000	ANGELINE MICHAELS		UNKNOWN	EASTERN AMERICAN ENE	5,378	4394 - 5109	Riley, Benson, Alexander	
47017730170000	ANGELINE MICHAELS	4636	UNKNOWN	NESLER CHARLES E				Weir
47017025850000	BROADWATER LEONA	1	DIVERSIFIED PRODUCTION LLC	PHILADELPHIA OIL				
				PETROLEUM DEV CORP	5,269	4074 - 5185	Balltown, Benson, Alexander	Weir

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LATITUDE 39°12'30"

11,728'

LATITUDE 39°15'00"

7,190' TO BOTTOM HOLE

Antero Resources Corporation Well No. Farley #2H

NOTES: WELL 2H TOP HOLE INFORMATION: N: 249,754ft E: 1,622,108ft LAT: 39°10'40.89" LON: 80°49'58.93" BOTTOM HOLE INFORMATION: N: 261,680ft E: 1,615,010ft LAT: 39°12'37.70" LON: 80°51'31.34" 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: 4,336,555m E: 514,436m BOTTOM HOLE INFORMATION: N: 4,340,152m E: 512,213m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 14,226,800ft E: 1,687,732ft POINT OF ENTRY INFORMATION: N: 14,226,373ft E: 1,685,582ft BOTTOM HOLE INFORMATION: N: 14,238,602ft E: 1,680,439ft

NOTE: 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.

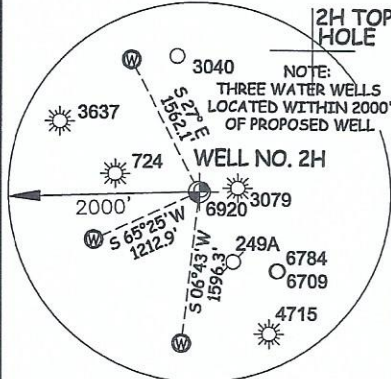


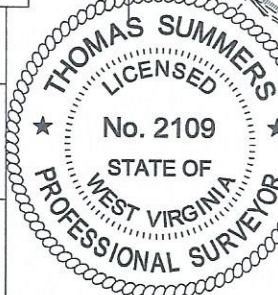
Table listing adjacent surface tracts with owner names and tract numbers (e.g., 1-1 JEFFREY POLAN, 4-2 CEVASCO FAMILY TRUST, etc.)

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.



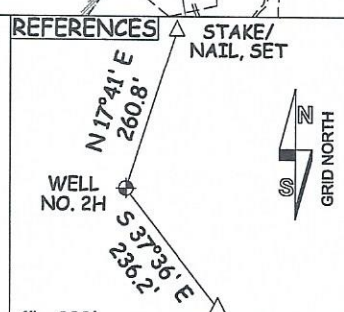
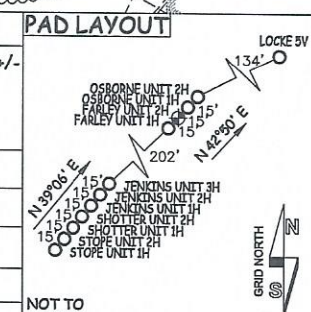
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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



JOB # 23-019WA DRAWING # FARLEY2HPR SCALE 1" = 2000' 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

LEGEND: Surface Owner Boundary Lines +/-, Adjoining Surface Tracts +/-, Found monument, as noted. Includes signature of Thomas Summers and date 01/16/24.



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 017 - 06971 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,100.5' - AS BUILT WATERSHED SOUTH FORK HUGHES RIVER QUADRANGLE OXFORD 7.5' DISTRICT SOUTHWEST COUNTY DODDRIDGE SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 59.74 ACRES +/- 12/20/2024 OIL & GAS ROYALTY OWNER E. W. OSBORNE ET AL LEASE ACREAGE 180 AC±

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER X REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL X (SPECIFY) MOD-BHL PLUG & ABANDON CLEAN OUT & REPLUG WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 7,000' TVD 23,300' MD ADDRESS 1615 WYNKOOP ST. DESIGNATED AGENT KEVIN ELLIS ADDRESS 535 WHITE OAKS BLVD BRIDGEPORT, WV 26330

LONGITUDE 80°50'00" LONGITUDE 80°47'30" COUNTY NAME PERMIT

WV NORTH ZONE GRID NORTH

1,039'

14,397' TO BOTTOM HOLE

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>N: E.W. Osbourne Et Al Lease</u>			
E.W. Osbourne Et Al	Hope Natural Gas	1/8	0057/0132
Hope Natural Gas	Trio Oil and Gas Company	Assignment	0072/0496
Trio Oil and Gas Company	Charter D. Stinespring, Paul B. Davis & G.W. Hill	Assignment	0131/0687
Charter D. Stinespring, Paul B. Davis & G.W. Hill	J & J Enterprises, Inc.	Assignment	0131/0762
J & J Enterprises, Inc.	Eastern American Energy Corporation	Assignment	0159/0139
Eastern American Energy Corporation	Energy Corporation of America	Merger	0006/0450
Energy Corporation of America	Antero Resources Appalachian Corporation	Assignment	0272/0307
Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	0046/0523
<u>M: Mary Zinn Lease</u>			
Mary Zinn	Key Oil Company	1/8	0188/0107
Key Oil Company	Antero Resources Appalachian Corporation	Assignment	0276/0526
Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	0046/0523
<u>K: M.B. Gray Et Al Lease</u>			
M.B. Gray and Mary Gray, Et Al	Hope Natural Gas Company	1/8	0057/0372
Hope Natural Gas Company	Consolidated gas Supply Corporation	Assignment	0143/0345
Consolidated gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	0135/0583
Consolidated Gas Transmission Corporation	CNG Development	Assignment	0139/0041
CNG Development	Dominion Exploration and Production Inc.	Merger	WVSOS
Dominion Exploration and Production Inc.	Dominion Transmission Inc.	Assignment	0244/0528
Dominion Transmission Inc.	Consol Energy Holdings LLC XVI	Assignment	0245/0001
Consol Energy Holdings LLC XVI	Consol Gas Company	Merger	0293/0352
Consol Gas Company	CNX Gas Company	Merger	0293/0352
CNX Gas Company	Antero Resources Corporation	Assignment	0332/0303

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Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
J: Sarah D. Scott and Roscoe Scott Lease			
Sarah D. and Roscoe Scott E.E. Zinn, W.C. Broadwater, & E.M. Nutter	E.E. Zinn, W.C. Broadwater, & E.M. Nutter E.E. Zinn, Juna Broadwater, E.M. Nutter, L.R. Boyce, F. Zinn, P.M. Broadwater Rowena S Black, B.W. Foley, J.W. Dotson, Zana Nutter, N.H. Leggett, Charles Bee, O.P. Broadwater, F.B. Zinn, Reed A Zinn, O.O. Wise, Lee Prunty, Willis Calhoun, Eli Nutter, Ocal Gray, R.J. Broadwater, E.O. Wilson, & Gary Zinn	1/8 Assignment	0040/0245 0001/0048
E.E. Zinn, Juna Broadwater, E.M. Nutter, L.R. Boyce, F. Zinn, P.M. Broadwater Rowena S Black, B.W. Foley, J.W. Dotson, Zana Nutter, N.H. Leggett, Charles Bee, O.P. Broadwater, F.B. Zinn, Reed A Zinn, O.O. Wise, Lee Prunty, Willis Calhoun, Eli Nutter, Ocal Gray, R.J. Broadwater, E.O. Wilson, & Gary Zinn	E.E. Zinn & E.M. Nutter, as true and lawful Attorneys in Fact	Assignment	001/0048
E.E. Zinn & E.M. Nutter, as true and lawful Attorneys in Fact Murphy Oil Company Dilmur Oil Company Targa Development Inc Antero Resources Appalachian Corporation	Murphy Oil Company Dilmur Oil Company Targa Development Inc Antero Resources Appalachian Corporation Antero Resources Corporation	Assignment Assignment Assignment Assignment Name Change	0047/0469 0091/0734 0165/0436 0257/0362 0046/0523
I: Owen T. Wise Et Ux Lease			
Owen T. Wise, Et Ux Mountaineer Enterprises Dolphin Petroleum, Inc. Tri-County Oil & Gas May Gas, Inc. Hayhurst Company Piney Holdings, Inc.	Mountaineer Enterprises Dolphin Petroleum, Inc. Tri-County Oil & Gas May Gas, Inc. Hayhurst Company Piney Holdings, Inc. Antero Resources Corporation	1/8 Assignment Assignment Assignment Assignment Assignment Assignment	0162/0210 0162/0337 0209/0448 0219/0013 0229/0467 0253/0146 0362/0589
F: Brent Maxwell Et Ux Lease			
Brent Maxwell, Et Ux Pittsburgh & West Virginia Gas Company Equitable Gas Company Equitrans, Inc. Equitrans, LP Equitable Production - Eastern States Inc. Equitable Production Company EQT Production Company	Pittsburgh & West Virginia Gas Company Equitable Gas Company Equitrans, Inc. Equitrans, LP Equitable Production - Eastern States Inc. Equitable Production Company EQT Production Company Antero Resources Corporation	1/8 Assignment Assignment Merger Assignment Merger Name Change Assignment	0037/0048 0121/0303 0154/0475 0329/0645 0192/0019 0281/0346 0281/0346 0371/0276
E: Sharon Wick Lease			
Sharon Wick	Antero Resources Corporation	1/8	Pooled Tract

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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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- (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
<u>C: Mildred Riddle Et Vir Lease</u>				
	Mildred Riddle Et Vir	Clarence W. Mutschelknaus	1/8	0102/0618
	Clarence W. Mutschelknaus	J. Robert Hornor	Assignment	0105/0277
	J. Robert Hornor	Petroleum Development	Assignment	0112/0664
	Petroleum Development	PDC Mountaineer LLC	Assignment	0240/0118
	PDC Mountaineer LLC	Antero Resources Appalachian Corporation	Assignment	0278/0607
	Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	0046/0523

*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 the 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.

**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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Office of Oil and Gas

DEC 09 2024

WV Department of Environmental Protection
Overriding Precedence

The applicant further acknowledges that any Office of Oil and Gas permit in no way 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