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

Thursday, May 21, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for Dukate Unit 1H
47-017-07006-00-00

Extended Lateral

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.

H. Jason Harmon
Chief

Operator's Well Number:	Dukate Unit 1H
Farm Name:	Todd Devericks ET al
U.S. WELL NUMBER:	47-017-07006-00-00
Horizontal 6A	New Drill
Date Modification Issued:	5-21-2026

05/22/2026

WW-6B
(04/15)

API NO. 47- 017 - 07006
OPERATOR WELL NO. Dukate Unit 1H MOD
Well Pad Name: Wagner B Pad

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	Greenbri	Big Isaac
		Operator ID	County	District	Quadrangle

2) Operator's Well Number: Dukate Unit 1H MOD Well Pad Name: Wagner B Pad

3) Farm Name/Surface Owner: Todd Devericks, et al Public Road Access: Hunters Fork

4) Elevation, current ground: 1311' Elevation, proposed post-construction: 1311'

5) Well Type (a) Gas X Oil _____ Underground Storage _____
Other _____
(b)If Gas Shallow X Deep _____
Horizontal X

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus Shale: 7800' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2800#

8) Proposed Total Vertical Depth: 7800' TVD

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 26300' MD

11) Proposed Horizontal Leg Length: 13850.2'

12) Approximate Fresh Water Strata Depths: 49'

13) Method to Determine Fresh Water Depths: 47-017-06422

14) Approximate Saltwater Depths: 1692'

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 X

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

RECEIVED
Office of Oil and Gas
MAY 7 2026
WV Department of
Environmental Protection

05/22/2026

WW-6B
(04/15)

API NO. 47- 017 - 07006
OPERATOR WELL NO. Dukate Unit 1H MOD
Well Pad Name: Wagner B Pad

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#	300'	300'	CTS, 313 Cu. Ft.
Coal	9-5/8"	New	J-55	36#	3200'	3200'	CTS, 1303 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110	23#	26300	26300	5699 Cu. Ft
Tubing	2-3/8"	New	P-110	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							

RECEIVED
Office of Oil and Gas
MAY 7 2026
WV Department of
Environmental Protection

PACKERS

Kind:	N/A			
Sizes:	N/A			
Depths Set:	N/A			

05/22/2026

WW-6B
(10/14)

API NO. 47- 017 - 07006
OPERATOR WELL NO. Dukate Unit 1H MOD
Well Pad Name: Wagner B Pad

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.

RECEIVED
Office of Oil and Gas
MAY 7 2026
WV Department of
Environmental Protection

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): 17.49 acres

22) Area to be disturbed for well pad only, less access road (acres): 11.27 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:

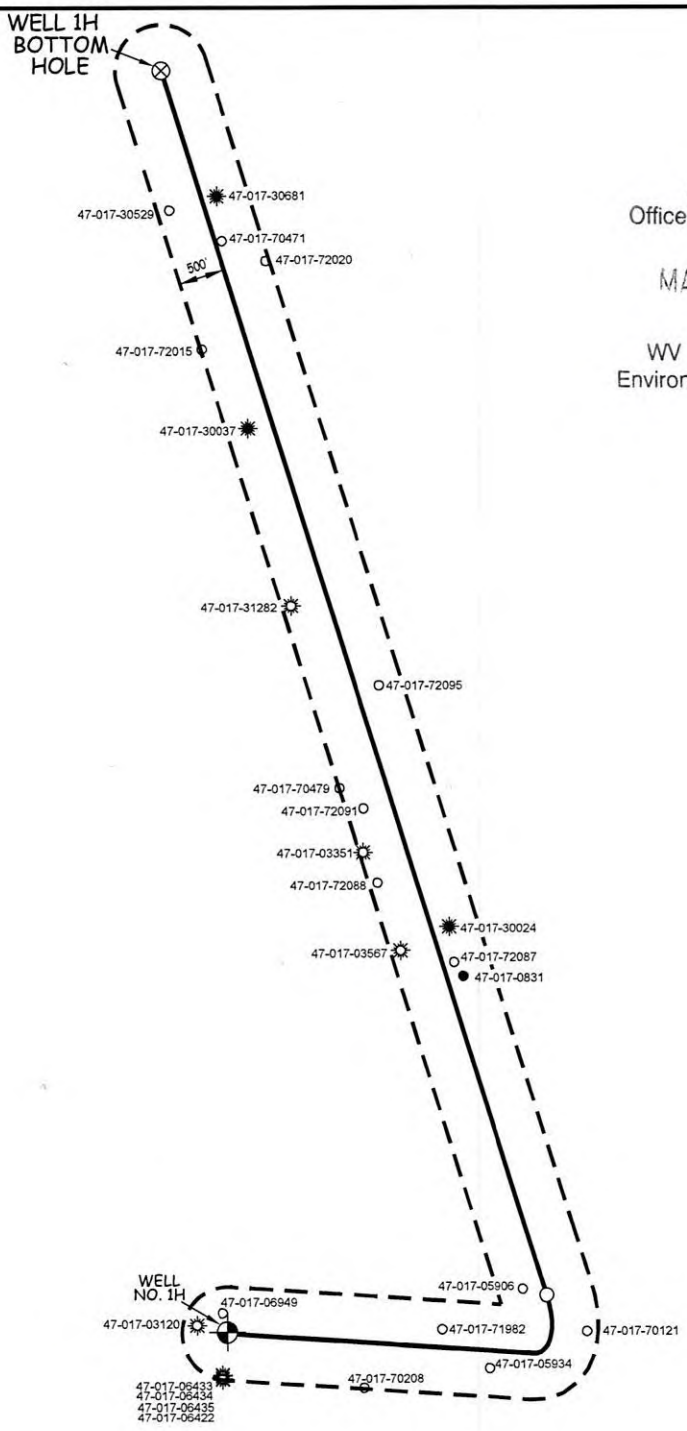
Conductor: blowhole clean with air, run casing, 10 bbls fresh water.
Surface: blowhole clean with air, trip to conductor shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate pipe capacity + 40 bbls fresh water followed by 25 bbls bentonite mud, 10 bbls fresh water spacer.
Intermediate: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

Sherman King 05/22/2026

#4051223 4/28/26
$7,500.00

WAGNER B PAD
ANTERO RESOURCES CORPORATION



RECEIVED
Office of Oil and Gas

MAY 7 2026

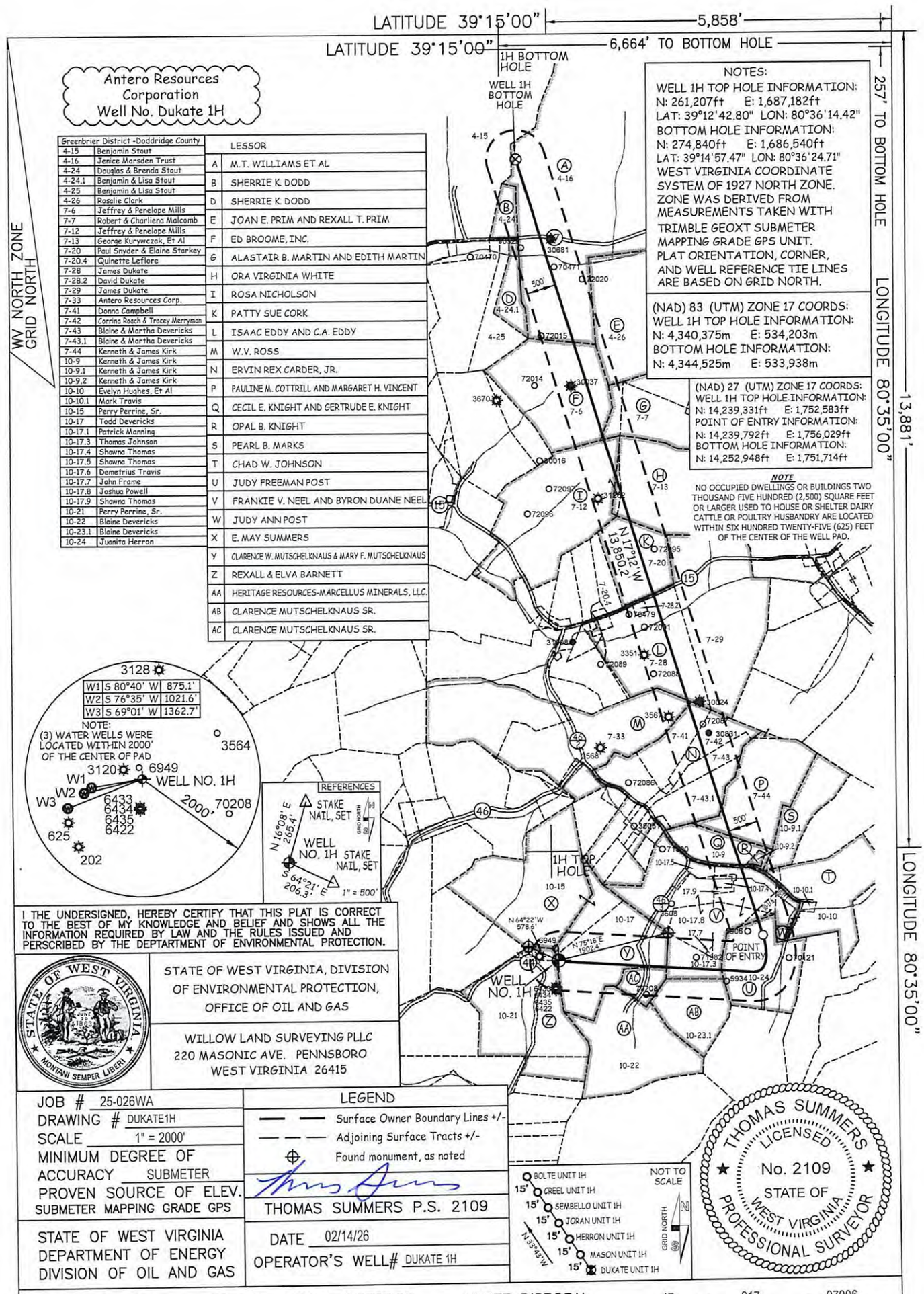
WV Department of
Environmental Protection

WILLOW LAND SURVEYING, PLLC P.O. BOX 17, PENNSBORO, WV 26415 (304) 659-1717		SCALE : 1-INCH = 2000-FEET 0' 2000' 4000' 6000'
DATE: 03/05/26	DRAWN BY: T.B.S.	JOB #: 25-025WA FILE: DUKATE1HAOR.DWG

05/22/2026

UWI (APINum)	Well Name	Well Number	Operator	Historical Operator	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
4701706433	DOWNS UNIT	1H	ANTERO RESOURCES CORP	ANTERO RESOURCES CORP	16,983	7472 - 16893	Marcellus	
4701706434	DOWNS UNIT	2H	ANTERO RESOURCES CORP	ANTERO RESOURCES CORP	17,820	7692 - 17728	Marcellus	
4701706435	LETTIE UNIT	2H	ANTERO RESOURCES CORP	ANTERO RESOURCES CORP	17,792	7579 - 17668	Marcellus	
4701706422	LETTIE UNIT	1H	ANTERO RESOURCES CORP	ANTERO RESOURCES CORP	18,308	7750 - 18181	Marcellus	
4701703120	MCCLAIN FRANKIE R	1	DIVERSIFIED PROD LLC	STONEWALL GAS	5,740	5232 - 5579	Benson, Alexander	Warren, Speechly, Balltown, Riley
4701770208	RICHARDS JOSEPH	1	SALEM NATURAL GAS	SALEM NATURAL GAS				
4701771982	W W FREEMAN	4757	HOPE NATURAL GAS	HOPE NATURAL GAS				
4701705906	HERRON D L	34806	DOMINION EXPL&PROD	DOMINION EXPL&PROD				
4701705934	HERRON DANIEL L	32287	DOMINION EXPL&PROD	DOMINION EXPL&PROD				
4701771981	CHARLES HUGHES	1	UNKNOWN	UNKNOWN				
4701706949	WAGNER B	5V	ANTERO RESOURCES CORP	ANTERO RESOURCES CORP				
4701770121	HICKMAN L C	1	SALEM NATURAL GAS	SALEM NATURAL GAS				
4701700831	G S SMITH	1	DAY C W-MINA	DAY C W-MINA	2,234		Big Injun	
4701772087	SANFORD SUTTON	C-171	UNKNOWN	UNKNOWN				
4701703567	ROSS WILLIAM HEIRS	1	SCTT OIL	SCOTT OIL CO	5,711	5136 - 5490	Benson, Alexander	Weir
4701730024	W V ROSS	4722	PHILADELPHIA OIL	PHILADELPHIA OIL	2,955		Big Injun, Gordon Stray	
4701772088	ISAAC EDDY	8	UNKNOWN	UNKNOWN				
4701703351	GEORGIA EDDY A	2	STONEWALL GAS	STONEWALL GAS	5,463	4871 - 5286	Benson, Alexander	Weir
4701772091	ISAAC EDDY	10	UNKNOWN	UNKNOWN				
4701770479	ISAAC EDDY	2	UNKNOWN	UNKNOWN				
4701772095	F L DAY	5573	HOPE NATURAL GAS	HOPE NATURAL GAS				
4701731282	ABRAM HINKLE	1	SPENCER HUGH K ET AL	SPENCER HUGH K ET AL	2,844		Gordon	
4701730037	W B STUTLER	1184	HOPE CONSTR & REFG	HOPE CONSTR & REFG	2,993		Gordon	
4701772015	M J WILLIAMS	3	UNKNOWN	UNKNOWN				
4701772020	M J WILLIAMS	359	HOPE NATURAL GAS	HOPE NATURAL GAS				
4701770471	M T WILLIAMS	5	SOUTH PENN OIL	SOUTH PENN OIL				
4701730529	MARCELLUS CLARK	3	MOSES WILLIAM	MOSES WILLIAM	2,803		Gordon	
4701730681	M V SNYDER/M CLARK	3	PITTSBURGH OIL & GAS	PITTSBURGH OIL & GAS	2,772		Gordon	

RECEIVED
Office of Oil and Gas
MAY 7 2026
WV Department of
Environmental Protection



Antero Resources Corporation
Well No. Dukate 1H

Greenbrier District - Doddridge County		LESSOR
4-15	Benjamin Stout	
4-16	Jenice Marsden Trust	A M.T. WILLIAMS ET AL
4-24	Douglas & Brenda Stout	B SHERRIE K. DODD
4-24.1	Benjamin & Lisa Stout	D SHERRIE K. DODD
4-25	Benjamin & Lisa Stout	E JOAN E. PRIM AND REXALL T. PRIM
4-26	Rosalie Clark	F ED BROOME, INC.
7-6	Jeffrey & Penelope Mills	G ALASTAIR B. MARTIN AND EDITH MARTIN
7-7	Robert & Charliena Malcomb	H ORA VIRGINIA WHITE
7-12	Jeffrey & Penelope Mills	I ROSA NICHOLSON
7-13	George Kurywczak, Et Al	K PATTY SUE CORK
7-20	Paul Snyder & Elaine Starkey	L ISAAC EDDY AND C.A. EDDY
7-20.4	Quinette Leflore	M W.V. ROSS
7-28	James Dukate	N ERVIN REX CARDER, JR.
7-28.2	David Dukate	P PAULINE M. COTTRILL AND MARGARET H. VINCENT
7-29	James Dukate	Q CECIL E. KNIGHT AND GERTRUDE E. KNIGHT
7-33	Antero Resources Corp.	R OPAL B. KNIGHT
7-41	Donna Campbell	S PEARL B. MARKS
7-42	Corrina Roach & Tracey Merryman	T CHAD W. JOHNSON
7-43	Blaine & Martha Devericks	U JUDY FREEMAN POST
7-43.1	Blaine & Martha Devericks	V FRANKIE V. NEEL AND BYRON DUANE NEEL
7-44	Kenneth & James Kirk	W JUDY ANN POST
10-9	Kenneth & James Kirk	X E. MAY SUMMERS
10-9.1	Kenneth & James Kirk	Y CLARENCE W. MUTSCHELKNAUS & MARY F. MUTSCHELKNAUS
10-9.2	Kenneth & James Kirk	Z REXALL & ELVA BARNETT
10-10	Evelyn Hughes, Et Al	AA HERITAGE RESOURCES-MARCELLUS MINERALS, LLC.
10-10.1	Mark Travis	AB CLARENCE MUTSCHELKNAUS SR.
10-15	Perry Perrine, Sr.	AC CLARENCE MUTSCHELKNAUS SR.
10-17	Todd Devericks	
10-17.1	Patrick Manning	
10-17.3	Thomas Johnson	
10-17.4	Shawna Thomas	
10-17.5	Shawna Thomas	
10-17.6	Demetrius Travis	
10-17.7	John Frame	
10-17.8	Joshua Powell	
10-17.9	Shawna Thomas	
10-21	Perry Perrine, Sr.	
10-22	Blaine Devericks	
10-23.1	Blaine Devericks	
10-24	Juanita Herron	

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 261,207ft E: 1,687,182ft
LAT: 39°12'42.80" LON: 80°36'14.42"
BOTTOM HOLE INFORMATION:
N: 274,840ft E: 1,686,540ft
LAT: 39°14'57.47" LON: 80°36'24.71"
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 1H TOP HOLE INFORMATION:
N: 4,340,375m E: 534,203m
BOTTOM HOLE INFORMATION:
N: 4,344,525m E: 533,938m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,239,331ft E: 1,752,583ft
POINT OF ENTRY INFORMATION:
N: 14,239,792ft E: 1,756,029ft
BOTTOM HOLE INFORMATION:
N: 14,252,948ft E: 1,751,714ft

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.

NOTE:
(3) WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PAD

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 DEPTARTMENT 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 # 25-026WA
DRAWING # DUKATE1H
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

THOMAS SUMMERS P.S. 2109

DATE 02/14/26
OPERATOR'S WELL# DUKATE 1H

THOMAS SUMMERS LICENSED No. 2109 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,311' AS-BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE BIG ISAAC 7.5' DISTRICT GREENBRIER COUNTY DODDRIDGE
SURFACE OWNER TODD DEVERICKS ET AL ACREAGE 63.75 ACRES +/-
OIL & GAS ROYALTY OWNER CLARENCE W. MUTSCHELKNAUS & MARY F. MUTSCHELKNAUS LEASE ACREAGE 59.84 AC.±

47 — 017 — 07006
STATE COUNTY PERMIT

05/22/2026

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 7,800' TVD 26,300' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CONRAD BASTON
ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAK BLVD.
DENVER, CO 80202 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

FORM WW-6

WW-6A1

Operator's Well Number Dukate 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)

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
Y: Clarence W. Mutschelknaus and Mary F. Mutschelknaus Lease			
Clarence W. Mutschelknaus and Mary F. Mutschelknaus	Antero Resources Appalachian Corporation	1/8+	341/702
Antero Resources Appalachian Corporation	**Antero Resources Corporation**	**Name Change**	**46/523**
AC: Clarence Mutschelknaus, Sr Lease			
Clarence Mutschelknaus, Sr	**Antero Resources Corporation**	**1/8+**	**530/273**
V: Frankie V. Neel & Byron Duane Neel Lease			
Frankie V. Neel & Byron Duane Neel	Clarence W. Mutschelknaus	1/8	149/759
Clarence W. Mutschelknaus	Bluestone Energy Partners	Assignment	233/645
Bluestone Energy Partners	BEP Merger Sub LP	Merger	288/1
BEP Merger Sub LP	Antero Resources Bluestone, LLC	Merger	288/1
Antero Resources Bluestone, LLC	Antero Resources Appalachian Corporation	Merger	WVSOS
Antero Resources Appalachian Corporation	**Antero Resources Corporation**	**Name Change**	**46/523**
U: Judy Freeman Post Lease			
Judy Freeman Post	**Antero Resources Corporation**	**1/8+**	**517/678**
V: Frankie V. Neel & Byron Duane Neel Lease			
Frankie V. Neel & Byron Duane Neel	Clarence W. Mutschelknaus	1/8	149/759
Clarence W. Mutschelknaus	Bluestone Energy Partners	Assignment	233/645
Bluestone Energy Partners	BEP Merger Sub LP	Merger	288/1
BEP Merger Sub LP	Antero Resources Bluestone, LLC	Merger	288/1
Antero Resources Bluestone, LLC	Antero Resources Appalachian Corporation	Merger	WVSOS
Antero Resources Appalachian Corporation	**Antero Resources Corporation**	**Name Change**	**46/523**
Q: Cecil E. Knight and Gertrude E. Knight Lease			
Cecil E. Knight and Gertrude E. Knight	Scott Oil Company	1/8	141/313
Scott Oil Company	Emax Oil Company	Assignment	161/3
Emax Oil Company	Antero Resources Appalachian Corporation	Assignment	356/554
Antero Resources Appalachian Corporation	**Antero Resources Corporation**	**Name Change**	**46/523**
P: Pauline M. Cottrill and Margaret H. Vincent Lease			
Pauline M. Cottrill and Margaret H. Vincent	James F. Scott	1/8	141/137
James F. Scott	Dominion Energy, Inc	Assignment	154/648
Dominion Energy, Inc	Dominion Reserves, Inc	Assignment	156/581
Dominion Reserves, Inc	Dominion Exploration & Production, Inc.	Merger	WVSOS
Dominion Exploration & Production, Inc.	Dominion Transmission, Inc.	Assignment	244/528
Dominion Transmission, Inc.	CONSOL Energy Holdings LLC	Assignment	245/1
CONSOL Energy Holdings LLC	CONSOL Gas Company	Merger	292/469
CONSOL Gas Company	CNX Gas Company LLC	Merger	1472/294
CNX Gas Company LLC	Antero Resources Appalachian Corporation	Assignment	260/125
Antero Resources Appalachian Corporation	**Antero Resources Corporation**	**Name Change**	**46/523**
N: Ervin Rex Carder, Jr. Lease			
Ervin Rex Carder, Jr.	**Antero Resources Corporation**	**1/8+**	**531/233**

RECEIVED
Office of Oil and Gas
MAY 7 2026
WV Department of
Environmental Protection

05/22/2026

WW-6A1

Operator's Well Number Dukate 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)

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
M: W.V. Ross Lease			
W.V. Ross	Chas A.F. Randolph	1/8	27/43
Chas A.F. Randolph	Olandus West	Assignment	45/173
Olandus West	The Philadelphia Company of West Virginia	Assignment	36/411
The Philadelphia Company of West Virginia	Philadelphia Oil Company	Assignment	32/391
Philadelphia Oil Company	Pittsburgh and West Virginia Gas Company	Assignment	32/253
Pittsburgh and West Virginia Gas Company	Equitable Gas Company	Assignment	121/257
Equitable Gas Company	Equitrans, Inc.	Assignment	154/475
Equitrans, Inc.	Equitrans, L. P.	Merger	302/123
Equitrans, L. P.	Equitable Production-Eastern States, Inc.	Assignment	192/19
Equitable Production-Eastern States, Inc.	Equitable Production Company	Merger	WVSOS
Equitable Production Company	EQT Production Company	Name Change	281/346
EQT Production Company	**Antero Resources Corporation**	**Assignment**	**319/266**
L: Isaac Eddy and C.A. Eddy Lease			
Isaac Eddy and C.A. Eddy	J. F. Randolph	1/8	17/31
J. F. Randolph	M. Keating	Assignment	16/162
M. Keating	Thomas Garthan	Assignment	18/480
Thomas Garthan	Southern Oil Company	Assignment	22/59
Southern Oil Company	Ernest Randolph and Idell Randolph	Assignment	35/283
Ernest Randolph and Idell Randolph	E.O. Davis	Assignment	35/492
E.O. Davis	Ernest Randolph	Assignment	36/409
Ernest Randolph	Louis Borgenicht	Assignment	36/413
Louis Borgenicht	Max Deutsch	Assignment	37/34
Max Deutsch	Champion Oil & Gas Company	Assignment	37/37
Champion Oil & Gas Company	Majestic Oil & Gas Company	Assignment	43/400
Majestic Oil & Gas Company	W.A. Beren, Adolph Beren and Harry H. Beren, co-partners under the firm name The Standard Pipe & Supply Company	Assignment	43/398
W.A. Beren, Adolph Beren and Harry H. Beren, co-partners under the firm name The Standard Pipe & Supply Company	The First National Bank of Marietta, Ohio	Assignment	44/182
The First National Bank of Marietta, Ohio	Wolfe A. Beren, Adolph Beren and Harry H. Beren	Assignment	87/160
Wolfe A. Beren, Adolph Beren and Harry H. Beren	Godfrey L. Cabot, Inc.	Assignment	87/157
Godfrey L. Cabot, Inc.	Hope Natural Gas Company	Assignment	89/217
Hope Natural Gas Company	Hope Construction & Refining Company	Assignment	46/188
Hope Construction & Refining Company	Hope Natural Gas Company	Assignment	105/323
Hope Natural Gas Company	Hope Gas Inc	Merger	178/36
Hope Gas Inc	CNG Producing Company	Assignment	178/36
CNG Producing Company	Dominion Exploration & Production, Inc.	Merger	WVSOS
Dominion Exploration & Production, Inc.	Dominion Appalachian Development, Inc.	Assignment	195/103
Dominion Appalachian Development, Inc.	Antero Resources Appalachian Corporation	Assignment	230/113
Antero Resources Appalachian Corporation	**Antero Resources Corporation**	**Name Change**	**46/523**
K: Patty Sue Cork Lease			
Patty Sue Cork	**Antero Resources Corporation**	**1/8+**	**512/679**

RECEIVED
Office of Oil and Gas
MAY 7 2026
WV Department of
Environmental Protection

05/22/2026

WW-6A1

Operator's Well Number Dukate 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)

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
H: Ora Virginia White Lease			
Ora Virginia White	Scott Oil Company	1/8	147/188
Scott Oil Company	Dominion Energy, Inc	Assignment	154/648
Dominion Energy, Inc	Dominion Reserves, Inc	Assignment	156/581
Dominion Reserves, Inc	CONSOL Gas Reserves, Inc	Name Change	286/93
CONSOL Gas Reserves, Inc	CONSOL Gas Company	Merger	286/133
CONSOL Gas Company	CNX Gas Company LLC	Merger	293/252
CNX Gas Company LLC	Antero Resources Appalachian Corporation	Agreement	260/631
Antero Resources Appalachian Corporation	**Antero Resources Corporation**	**Name Change**	**46/523**
I: Rosa Nicholson Lease			
Rosa Nicholson	Clarence W. Mutschelknaus	1/8	107/405
Clarence W. Mutschelknaus	Bluestone Energy Partners	Assignment	233/645
Bluestone Energy Partners	Antero Resources Bluestone LLC	Merger	288/1
Antero Resources Bluestone LLC	Antero Resources Appalachian Corporation	Merger	WVSOS
Antero Resources Appalachian Corporation	**Antero Resources Corporation**	**Name Change**	**46/523**
G: Alastair B. Martin and Edith Martin Lease			
Alastair B. Martin and Edith Martin	Clarence W. Mutschelknaus	1/8	135/4
Clarence W. Mutschelknaus	J&J Enterprises, Inc	Assignment	147/227
J&J Enterprises, Inc	Clarence W. Mutschelknaus	Assignment	150/628
Clarence W. Mutschelknaus	Bluestone Energy Partners	Assignment	243/232
Bluestone Energy Partners	Antero Resources Bluestone LLC	Merger	288/1
Antero Resources Bluestone LLC	Antero Resources Appalachian Corporation	Merger	WVSOS
Antero Resources Appalachian Corporation	**Antero Resources Corporation**	**Name Change**	**46/523**
F: Ed Broome, Inc. Lease			
Ed Broome, Inc	**Antero Resources Corporation**	**1/8+**	**512/677**

Docket/Cause 460-599

***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.**

*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

RECEIVED
Office of Oil and Gas
MAY 7 2026
WV Department of
Environmental Protection

05/22/2026

WW-6A1
(5/13)

Operator's Well No. Dukate 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)

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: M.T. Williams, et al Lease				
	M.T. Williams, et al	South Penn Oil Company	1/8	15/416
	South Penn Oil Company	Hope Natural Gas Company	Assignment	22/292
	Hope Natural Gas Company	Consolidated Gas Supply Corporation	Merger	143/345
	Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	135/583
	Consolidated Gas Transmission Corporation	CNG Transmission Corporation	Name Change	51/795
	CNG Transmission Corporation	Dominion Transmission Inc	Name Change	58/362
	Dominion Transmission Inc	Antero Resources Appalachian Corporation	Assignment	230/113
	Antero Resources Appalachian Corporation	**Antero Resources Corporation**	**Name Change**	**46/523**

Docket/Cause 460-599

*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

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

RECEIVED
Office of Oil and Gas
MAY 7 2026
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 of Land

05/22/2026