



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, April 9, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for STARBOARD UNIT 1H
47-085-10577-00-00

Lateral Extension w/Forced Pooling

ANTERO RESOURCES CORPORATION

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

A handwritten signature in black ink, reading "Jason Harmon".

H. Jason Harmon
Acting Chief

Operator's Well Number: STARBOARD UNIT 1H
Farm Name: LOUIS D. EASTERDAY
U.S. WELL NUMBER: 47-085-10577-00-00
Horizontal 6A New Drill
Date Modification Issued: 04/09/2026

Promoting a healthy environment.

04/10/2026

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

- 1) Well Operator: Antero Resources Corporal 494507062 085- Ritchie Union Pullman 7.5'
Operator ID County District Quadrangle
- 2) Operator's Well Number: Starboard Unit 1H MOD Well Pad Name: Minear Pad
- 3) Farm Name/Surface Owner: Louis Daniel Easterday Revocable Living Trust Public Road Access: Pullman Road
- 4) Elevation, current ground: 1097' Elevation, proposed post-construction: 1097'
- 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: 6900' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2800#
- 8) Proposed Total Vertical Depth: 6900' TVD
- 9) Formation at Total Vertical Depth: Marcellus
- 10) Proposed Total Measured Depth: 23,400' MD
- 11) Proposed Horizontal Leg Length: 15,013'
- 12) Approximate Fresh Water Strata Depths: 405', 757'
- 13) Method to Determine Fresh Water Depths: 47-085-08082, 47-085-04932
- 14) Approximate Saltwater Depths: 1085', 1522'
- 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: _____

Jeremy Newlon 3-26-2026

WW-6B
(04/15)

API NO. 47- 085 - 10577
OPERATOR WELL NO. Starboard Unit 1H MOD
Well Pad Name: Minear 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#	807'	807' ✓	CTS, 841 Cu. Ft.
Coal	9-5/8"	New	J-55	36#	3000	3000	CTS, 1221 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110	23#	23,400'	23,400' ✓	4969 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

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TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	24"	0.438"	1530	50	Class A/L ✓	~1.18
Fresh Water	13-3/8"	17-1/2"	0.38"	2730	1000	Class A/L	~1.18
Coal	9-5/8"	12-1/4"	0.352"	3520	1500	Class A/L	~1.18
Intermediate							
Production	5-1/2"	8-3/4" & 8-1/2"	0.415"	12,630	✓ 2500	Lead-H/POZ & Tail - H	H/POZ-1.44 & H-1.8
Tubing	2-3/8"	4.778"	0.19"	11,200			
Liners							

PACKERS

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

Jeremy Newlon 3-26-2026

WW-6B
(10/14)

API NO. 47- 085 - 10577
OPERATOR WELL NO. Starboard Unit 1H MOD
Well Pad Name: Minear 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.

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): 36.68 acres

22) Area to be disturbed for well pad only, less access road (acres): 17.70 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 in 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:

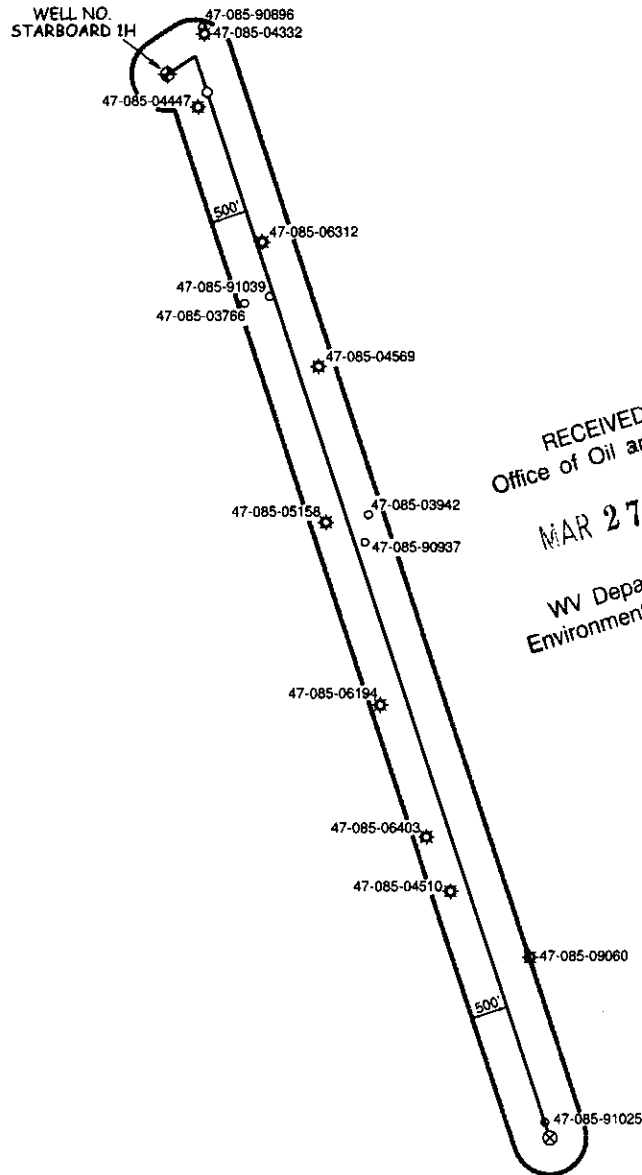
Conductor: blowhole clean with air, run casing, 10 bbls fresh water.
Surface: blowhole clean with air, trip to conductor shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate pipe capacity + 40 bbls fresh water followed by 25 bbls bentonite mud, 10 bbls fresh water spacer.
Intermediate: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

Jeremy Newlon 3-26-2026

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04/10/2026

MINEAR PAD ANTERO RESOURCES CORPORATION



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MAR 27 2026
WV Department of
Environmental Protection

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

JOB #: 25-027WA

DATE: 02/13/26

DRAWN BY: D.L.P.

FILE: STARBOARD1HAOR.DWG

SCALE : 1-INCH = 2000-FEET

0' 2000' 4000' 6000'

04/10/2026

UWI (APINum)	Well Name	Well Number	Operator	Historical Operator	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
4708590896								
4708504332	HOWARD SARAH C	H-776	HAUGHT G L & SONS	HAUGHT G L & SONS	2,460	1996 - 2312	Weir	Benson, Alexander
4708504447	HOWARD JOYCE ETAL	H-884	HAUGHT G L & SONS	HAUGHT G L & SONS	2,400	1956 - 2293	Big Injun, Weir	Benson, Alexander
4708506312	FORREST GREGG	1	RITCHIE PETROLEUM CORP INC	STALNAKER GENE INC	5,288	3170 - 5098	Warren , Balltown	Benson, Alexander
4708591039								
4708503766	FOREST GREGG	1	RITCHIE PETROLEUM CORP INC	STRICKLIN C A	1,950		Big Injun	Benson, Alexander
4708504569	WILSON-NEWBROUGH	1	CHASE PETROLEUM CO	CHASE PETROLEUM CO	5,300	4244 - 4977	Riley, Benson, Alexander	Weir
4708505158	COX & ROBEY	8-1842	CARNEGIE NATURAL GAS	CARNEGIE NATURAL GAS	5,138	2847 - 4994	Weir, Fifth, Udev, Speechley, Balltown, Bradford, Riley, Benson, Alexander	Warren
4708503942	W S CHAPMAN	1004	CARNEGIE PRODUCTION CO	CARNEGIE NATURAL GAS				
4708590937								
4708505158	COX & ROBEY	8-1842	CARNEGIE NATURAL GAS	CARNEGIE NATURAL GAS	5,138	2847 - 4994	Weir, Fifth, Udev, Speechley, Balltown, Bradford, Riley, Benson, Alexander	Warren
4708506194	GOFF JOHN ET AL	3	PRIOR FERRELL L	PRIOR FERRELL L	5,227	3350 - 4802	Warren, Lower Huron, Java	Benson, Alexander
4708506403	GOFF JOHN A ET AL	4	PRIOR FERRELL L	PRIOR FERRELL L	5,306	3300 - 4808	Udev, Lower Huron	Benson, Alexander
4708504510	GOFF HEIRS	1	PRIOR FERRELL L	PRIOR FERRELL L	2,460	1946 - 2258	Big Injun, Weir	Benson, Alexander
4708509060	COX	3	DORWARD ENERGY CORP	BECKER OPERATING CO	2,370	1973 - 2271	Big Injun, Weir	Benson, Alexander
4708591025								

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LATITUDE 39°12'30"

67'

LATITUDE 39°10'00"

6,504' TO BOTTOM HOLE

3,056'

LONGITUDE 80°57'30"

LONGITUDE 80°55'00"

Antero Resources
Corporation
Well No. Starboard #1H

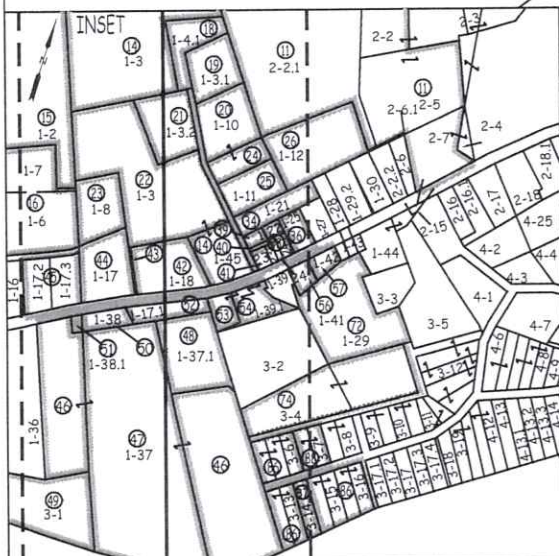
WATER WELLS		
W1	S 86°08' E	1093.5'
W2	S 81°22' W	1624.9'
W3	S 75°32' W	1309.4'
W4	S 71°11' W	1368.5'
W5	S 66°20' W	914.7'
W6	S 65°21' W	1193.6'
W7	N 74°39' E	1936.7'

NOTE:
7 WATER WELLS WERE
LOCATED WITHIN 2000'
OF THE CENTER OF PAD
90896

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 258,288ft E: 1,586,655ft
LAT: 39°11'59.79" LON: 80°57'30.85"
BOTTOM HOLE INFORMATION:
N: 243,752ft E: 1,591,797ft
LAT: 39°09'36.95" LON: 80°56'22.57"
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: 4,338,975m E: 503,592m
BOTTOM HOLE INFORMATION:
N: 4,334,572m E: 505,233m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,234,739ft E: 1,652,154ft
POINT OF ENTRY INFORMATION:
N: 14,234,502ft E: 1,652,698ft
BOTTOM HOLE INFORMATION:
N: 14,220,296ft E: 1,657,536ft

WV NORTH ZONE
GRID NORTH

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 # 25-027WA
DRAWING # STARBOARD1H
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

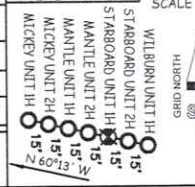
THOMAS SUMMERS P.S. 2109

DATE 02/12/26

OPERATOR'S WELL# STARBOARD UNIT #1H

47 - 085 - 10577

STATE COUNTY PERMIT

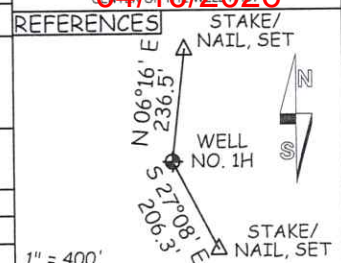
PAD LAYOUT NOT TO
SCALE

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Environmental Protection



WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF "GAS") PRODUCTION ☒ STORAGE ☐ DEEP ☐ SHALLOW
LOCATION: ELEVATION AS BUILT - 1,097' WATERSHED SOUTH FORK HUGHES RIVER
QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE
SURFACE OWNER LOUIS DANIEL EASTERDAY REVOCABLE LIVING TRUST (SEE EXHIBIT) ACREAGE 5.25 ACRES +/-
OIL & GAS ROYALTY OWNER JOSEPH A. HOWARD (SEE EXHIBIT) LEASE ACREAGE 5.25 ACRES±
PROPOSED WORK: DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ REDRILL ☐
FRACTURE OR STIMULATE ☒ PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL
PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 23,400' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CONRAD BASTON
ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAKS BLVD
DENVER, CO 80202 BRIDGEPORT, WV 26330

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 FEET OF THE WELL PAD



FORM WW-6

EXHIBIT
STARBOARD 1H

LESSOR	
1	JOSEPH A. HOWARD
2	JOYCE ANN HOWARD
5	JAMES M. HOWARD AND HELEN HOWARD, ET AL
8	JOHN F. GREGG
9	JAY ALAN GREGG
11	ANTERO MINERALS, LLC
14	CARL L. KUHN
15	FORREST GREGG, ET UX
16	HOWARD DALE IAMS AND ORPHA MARIE IAMS
18	CARL LEE KUHN
19	KENNETH BLAINE NICHOLAS AND PAMELA SUE NICHOLAS
20	LOIS ANN WEINER
21	REX LUNDELL, ET AL
22	CHRISTOPHER C. WEEKLEY
23	LINDA A. JONES
24	KENNETH BLANE NICHOLAS AND PAMELA SUE NICHOLAS
25	MATTHEW TODD ADAMS, ET AL
26	GREGORY O. COX
34	MATTHEW T. ADAMS AND MARY C. ADAMS
36	WAYNE L. SNYDER AND JOYCE M. SNYDER
38	WAYNE L. SNYDER AND JOYCE M. SNYDER
39	WAYNE L. SNYDER AND JOYCE M. SNYDER
40	JACK WAYNE KIRSCH, II
41	JACK WAYNE KIRSCH, II
42	LAURA MAUD COC
43	TOWN OF PULLMAN
44	LOUIS ROYCE FLANIGAN AND RACHEL LYNN FLANIGAN
45	LOUIS ROYCE FLANIGAN AND RACHEL LYNN FLANIGAN
46	JUDY LEE NUTTER
47	TRENT D. WILSON AND ABBY R. WILSON
48	JENNA S. WHITE
49	ROBERT GUY AMOS, ET AL
50	SUSAN VIRGINIA SHIVE, ET AL
51	SUSAN VIRGINIA SHIVE, ET AL
52	JACK H. LANGFORD
53	MICHAEL G. EDWARDS
54	MICHAEL G. EDWARDS
56	MICHAEL G. EDWARDS AND TRACY L. EDWARDS
57	EDDY DEAN BECK
72	MICHAEL G. EDWARDS AND TRACY L. EDWARDS
74	MICHAEL EDWARDS AND TRACY EDWARDS, JTWROS
86	SHERRY L. COGAR
87	CLYDE E. COLLINS
88	CHARLES E. COTTRILL AND STELLA M. COTTRILL
89	W.S. CHAPMAN AND JENNIE M. CHAPMAN
93	JOHN GOFF AND HILDA M. GOFF
94	JOHN GOFF
95	S.M. GRIMM AND HATTIE A. GRIM
96	JOE GOFF AND RUTH GOFF ET AL
97A	W. F. COX, ET UX
97B	W. F. COX, ET UX
98	W. F. COX, ET UX
100	CALLA E. BRITTON - REMAINING HEIR OF J.A. COX BRITTON
102	SARAH C. HOWARD
104	KENNETH B. PERINE AND PATRICIA PERINE

CLAY DISTRICT - RITCHIE COUNTY		PULLMAN CORPORATION - RITCHIE COUNTY	
40-15	Wayne & Delphene Haddox	1-2	John Gregg
UNION DISTRICT - RITCHIE COUNTY		1-3	Carl Kuhn
7-15	Louis Daniel Easterday Revocable Living Trust	1-3.1	Kenneth & Pamela Nicholas
7-16	Louis D Easterday	1-3.2	Kenneth & Pamela Nicholas
8-1.2	Danny Haddox Et Al	1-4.1	Kenneth Nicholas
8-1.3	Wayne & Delphene Haddox	1-6	Douglas Tingle
12-7	Louis Daniel Easterday Revocable Living Trust	1-7	Douglas Tingle
12-7.1	Louis Daniel Easterday Revocable Living Trust	1-8	Sharon Jones
12-26	Pamela Nicholson	1-10	Kenneth & Pamela Nicholas
12-26.1	Eric Nicholas	1-11	Carolyn Gumm
12-26.2	Rhonda & Eric White	1-12	Shelby Adams
12-31	Jay Gregg	1-16	Jordan Lanham
13-1	David & Rose Cox	1-17	Louis & Rachel Flanigan
13-1.1	David & Rose Cox	1-17.1	Jack & Linda Langford
13-4	Jennifer Graham	1-17.2	Louis & Rachel Flanigan
13-5	Curtis Lindner Et Al	1-17.3	Louis & Rachel Flanigan
13-8	Nathaniel & Holly McKean	1-18	Laura Cox
13-9	Matthew & Laura Barrett	1-21	Matthew & Mary Adams
13-21.1	Stephen Loehr	1-22	Wayne & Joyce Snyder
13-21.2	John Campbell	1-23	Jack Kirsch II
13-21.3	John Campbell	1-23.1	Wayne & Joyce Snyder
13-21.4	Hershberger Sawing & Logging LLC	1-24	Wayne & Joyce Snyder
13-26	Robert & Judith Miller	1-24.1	Wayne & Joyce Snyder
13-27.1	John Campbell	1-25	Eddy & Brenda Beck
13-34	Brian & Kimberly Workman	1-27	David Hosey
13-35	Brian & Kimberly Workman	1-28	Andrew Hosey Et Al
13-37	John Goff	1-29	Michael & Tracy Edwards
19-2	John Goff	1-29.1	Andrew Hosey Et Al
19-2.1	John Goff	1-29.2	David & Betty Hosey
19-2.2	John Goff	1-30	Andrew Hosey Et Al
19-2.3	John Goff	1-36	Glenn & Susan Shive
19-2.4	John Goff	1-37	Susan Shive Et Al
19-2.5	John Goff	1-37.1	Jenna Amos
19-3	Brian & Kimberly Workman	1-38	Susan Shive Et Al
19-3.4	Dean Divins	1-38.1	Susan Shive Et Al
19-6	Lilburn Wilburn Jr. Et Al	1-39	Michael Edwards
19-7	Brian & Kimberly Workman	1-39.3	Michael Edwards
19-8	Brian & Kimberly Workman	1-41	Michael & Tracy Edwards
19-21	Lizetta Goff	1-42	Brenda Beck
19-22	Kenneth & Lisa Naumann	1-43	David Hosey
19-22.1	Lisa Naumann	1-44	Lola Eakle
19-23	Lilburn Wilburn Jr. Et Al	1-45	Jack Kirsch II
19-28	Ernest & Reta Clark	2-1	Nathaniel & Molly McKean
19-28.1	Joey Napier	2-2	Nathaniel & Molly McKean
19-29	Ray Sutorius	2-2.1	Nathaniel & Molly McKean
19-33	Ernest & Reta Clark	2-2.2	Nathaniel & Molly McKean
		2-3	Town of Pullman
		2-4	Carl Kuhn
		2-5	Nathaniel & Molly McKean
		2-6	Nathaniel & Molly McKean
		2-6.1	Nathaniel & Molly McKean
		2-7	Nathaniel & Molly McKean
		2-15	M P Church
		2-16	Michael Leggett
		2-16.1	Michael Leggett
		2-17	Michael Leggett
		2-18	Robert & Sheila Sandy
		2-18.1	Robert Arnott
		3-1	Robert Amos
		3-2	WV DOT
		3-3	Jenna Amos
		3-4	Michael & Tracy Edwards
		3-5	Pullman Cemetery Committee
		3-6	Jesse Fine & Krystin Yost
		3-7	Charles & Stella Cottrill
		3-8	Michael & Tracy Edwards
		3-9	Michael & Tracy Edwards
		3-10	Ray Sutorius
		3-11	Samuel Grimm
		3-12	Pullman Cemetery Board
		3-13	Jesse Fine & Krystin Yost
		3-14	Jesse Fine & Krystin Yost
		3-15	Jesse Fine & Krystin Yost
		3-16	Jesse Fine & Krystin Yost
		3-17	Jesse Fine & Krystin Yost
		3-17.1	Jesse Fine & Krystin Yost
		3-17.2	Jesse Fine & Krystin Yost
		3-17.3	Jesse Fine & Krystin Yost
		3-17.4	Jesse Fine & Krystin Yost
		3-18	Patty Cox
		3-19	Duane Riggs

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Office of Oil and Gas

MAR 27 2026

WV Department of
Environmental Protection

04/10/2026

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
✓ 104: Kenneth B. Perine and Patricia Perine Lease			
Kenneth B. Perine and Patricia Perine	Warren R. Haught	1/8	0128/0339
Warren R. Haught	ANJO Investments Inc	Assignment	0198/0310
ANJO Investments Inc	710 Corporation	Assignment	0194/0342
710 Corporation	Whittle Corporation	Assignment	0234/0182
Whittle Corporation	Haught Energy Corporation	Assignment	0262/0474
Haught Energy Corporation	Burning Springs Energy, LLC	Assignment	0308/0796
Burning Springs Energy, LLC	HG Energy II Appalachia, LLC	Assignment	0316/0372
HG Energy II Appalachia, LLC	Antero Resources Corporation	Assignment	0334/0368
✓ 1: Joseph A. Howard Lease			
Joseph A. Howard	Antero Resources Corporation	1/8+	0323/0561
✓ 2: Joyce Ann Howard Lease			
Joyce Ann Howard	Warren R. Haught		0123/0638
Warren R. Haught	ANJO Investments	Assignment	0171/0739
ANJO Investments	710 Corporation	Assignment	0194/0342
710 Corporation	Whittle Corporation	Assignment	0234/0182
Whittle Corporation	Antero Resources Corporation	Assignment	0261/0105
✓ 5: James M. Howard and Helen Howard, et al Lease			
James M. Howard and Helen Howard, et al	Warren R. Haught	1/8	0123/0640
Warren R. Haught	710 Corporation	Assignment	0176/0609
710 Corporation	Whittle Corporation	Assignment	0234/0182
Whittle Corporation	Burning Springs Energy, LLC	Assignment	0291/0575
Burning Springs Energy, LLC	HG Energy II Appalachia, LLC	Assignment	0316/0372
HG Energy II Appalachia, LLC	Antero Resources Corporation	Assignment	0360/0078
✓ 9: Jay Alan Gregg Lease			
Jay Alan Gregg	Antero Resources Corporation	1/8+	0333/0511
✓ 14: Carl L. Kuhn Lease			
Carl L. Kuhn	Antero Resources Corporation	1/8+	0356/0768
✓ 18: Carl Lee Kuhn Lease			
Carl Lee Kuhn	Antero Resources Corporation	1/8+	0358/0572
✓ 14: Carl L. Kuhn Lease			
Carl L. Kuhn	Antero Resources Corporation	1/8+	0356/0768
✓ 21: Rex Lundell, Et Al Lease			
Rex Lundell, Et Al	Antero Resources Corporation	1/8+	0360/0731
✓ 22: Christopher C. Weekley Lease			
Christopher C. Weekley	Antero Resources Corporation	1/8+	0358/0427
✓ 42: Laura Maud Coc Lease			
Laura Maud Coc	Antero Resources Corporation	1/8+	0361/0921

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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)

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
52: Jack H. Langford Lease Jack H. Langford	Antero Resources Corporation	1/8+	0358/0972
48: Jenna S. White Lease Jenna S. White	Antero Resources Corporation	1/8+	0355/0688
47: Trent D. Wilson and Abby R. Wilson Lease Trent D. Wilson and Abby R. Wilson	Antero Resources Corporation	1/8+	0356/0580
89: W.S. Chapman and Jennie M. Chapman Lease W.S. Chapman and Jennie M. Chapman Carnegie Natural Gas Company Carnegie Production Company EQT Production Company	Carnegie Natural Gas Company Carnegie Production Company EQT Production Company Antero Resources Corporation	1/8 Assignment Name Change Assignment	0041/0040 0288/0859 WVSOS 0358/0729
93: John Goff and Hilda M. Goff Lease John Goff and Hilda M. Goff Kanawha Drilling Company Incorporated Waco Oil and Gas Company Incorporated Ashland Incorporated Ashland Exploration Incorporated All State Energy Corporation	Kanawha Drilling Company Incorporated Waco Oil and Gas Company Incorporated Ashland Incorporated Ashland Exploration Incorporated All State Energy Corporation Antero Resources Corporation	1/8 Assignment Assignment Name Change Assignment Assignment	0153/0276 0206/0042 0221/0001 0222/0169 0222/0809 0359/0979
94: John Goff Lease John Goff Ferrell Prior Ken Mathews Rep-Aid Corporation Sandra Matthews	Ferrell Prior Ken Mathews Rep-Aid Corporation Sandra Matthews Antero Resources Corporation	1/8 Assignment Assignment Assignment Assignment	0130/0170 0130/0231 0139/0791 0366/0469 0367/0129
95: S.M. Grimm and Hattie A. Grimm Lease S.M. Grimm and Hattie A. Grimm M.G. Taylor Carnegie Natural Gas Company Carnegie Production Company Equitable Production-Eastern States, Inc. EQT Production Company	M.G. Taylor Carnegie Natural Gas Company Carnegie Production Company Equitable Production-Eastern States, Inc. EQT Production Company Antero Resources Corporation	1/8 Assignment Assignment Merger Assignment Assignment	0031/0498 WVSOS 0228/0859 WVSOS 0232/0128 0358/0729
97A: W.F. Cox, Et Ux Lease W.F. Cox, Et Ux Carnegie Natural Gas Company D.A. Dorward Dorva Corporation Dorward Energy Corporation DEC Lease Management Inc.	Carnegie Natural Gas Company D.A. Dorward Dorva Corporation Dorward Energy Corporation DEC Lease Management Inc. Antero Resources Corporation	1/8 Assignment Assignment Assignment Assignment Assignment	0031/0442 0113/0249 0113/0252 0284/0686 0284/0719 0365/0574

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Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
✓ 97B: W.F. Cox, Et Ux Lease			
W.F. Cox, Et Ux	M.G. Taylor	1/8	0031/0441
M.G. Taylor	Carnegie Natural Gas Company	Assignment	WVSOS
Carnegie Natural Gas Company	Carnegie Production Company	Assignment	0228/0859
Carnegie Production Company	Equitable Production-Eastern States, Inc.	Merger	WVSOS
Equitable Production-Eastern States, Inc.	EQT Production Company	Assignment	0232/0128
EQT Production Company	Antero Resources Corporation	Assignment	0358/0729

*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

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Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
98: W.F. Cox, Et Ux Lease				
	W.F. Cox, Et Ux	M.G. Taylor	1/8	0031/0441
	M.G. Taylor	Carnegie Natural Gas Company	Assignment	WVSOS
	Carnegie Natural Gas Company	Carnegie Production Company	Assignment	0228/0859
	Carnegie Production Company	Equitable Production-Eastern States, Inc.	Merger	WVSOS
	Equitable Production-Eastern States, Inc.	EQT Production Company	Assignment	0232/0128
	EQT Production Company	Antero Resources Corporation	Assignment	0358/0729

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**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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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: Max Green

Its: Vice President of Land

Expedited Mod
\$ 7,500.00
3/17/26
4049898



March 26th, 2026

West Virginia Department of Environmental Protection
Office of Oil and Gas
Attn: Mr. Taylor Brewer
601 57th Street
Charleston, WV 25304

Antero Resources
1615 Wynkoop Street
Denver, CO 80202
Office 303.357.7310
Fax 303.357.7315

Mr. Brewer:

Antero Resources Corporation (Antero) would like to submit the following permit modifications for approved well on the existing Minear Pad: Starboard Unit 1H (47-085-10577) and Starboard Unit 2H (47-085-10578) Expedited.

Attached you will find the following:

- AOR
- Revised Form WW-6B
- Revised Form WW-6A1
- Revised Mylar Plat

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If you have any questions please feel free to contact me at (303) 357-6959.

Thank you in advance for your consideration.

Sincerely,



Stefan Gaspar
Permitting Agent
Antero Resources Corporation

Enclosures

04/10/2026