



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 23, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for MANTLE UNIT 2H
47-085-10574-00-00

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.

A handwritten signature in black ink, reading 'H. Jason Harmon'.

H. Jason Harmon
Acting Chief

Operator's Well Number: MANTLE UNIT 2H
Farm Name: LOUIS D. EASTERDAY
U.S. WELL NUMBER: 47-085-10574-00-00
Horizontal 6A New Drill
Date Modification Issued: 4/23/2026

Promoting a healthy environment.

04/24/2026

WW-6B
(04/15)

RECEIVED
Office of Oil and Gas

APR 15 2026

WV Department of
Environmental Protection

API NO. 47-085 - 10574

OPERATOR WELL NO. Mantle Unit 2H MOD

Well Pad Name: Miner 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 085- Ritchie Union Pullman 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Mantle Unit 2H MOD Well Pad Name: Miner Pad

3) Farm Name/Surface Owner: Louis D. Easterday Public Road Access: Pullman Road

4) Elevation, current ground: 1097' Elevation, proposed post-construction: 1097'

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

Other _____

(b) If Gas Shallow X Deep _____

Horizontal X

CK#4050557
CK\$ 7500.00

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: 24,300' MD

11) Proposed Horizontal Leg Length: 16,062'

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 X

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

Depth: _____

Seam: _____

Owner: _____

Jeremy Newlon

4-3-2026

WW-6B
(04/15)

REGULATORY
Office of Oil and Gas

APR 15 2026

WV Department of
Environmental Protection

API NO. 47- 085 - 10574

OPERATOR WELL NO. Mantle Unit 2H 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#	24,300'	24,300'	5195 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"	0.438"	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

4-3-2026

APR 15 2026

WV Department of
Environmental Protection

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 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.

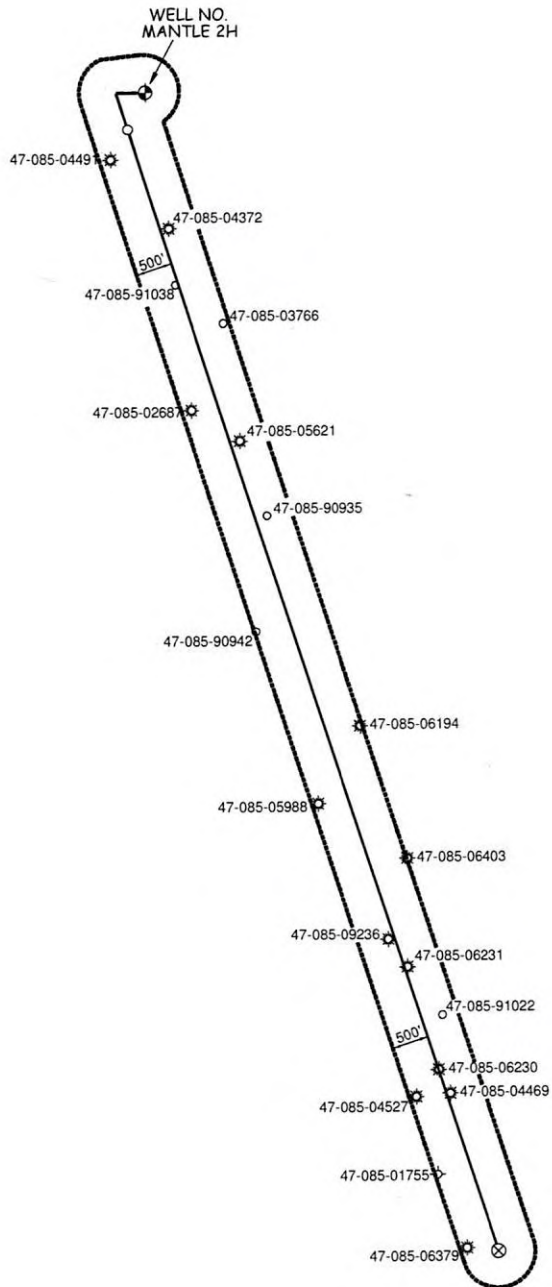
*Note: Attach additional sheets as needed.

Jeremy Newlon 4-3-2026

MINEAR PAD ANTERO RESOURCES CORPORATION

RECEIVED
Office of Oil and Gas

APR 15 2026
WV Department of
Environmental Protection



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

JOB #: 25-028WA

DATE: 02/13/26

DRAWN BY: D.L.P.

FILE: MANTLE2HAOR.DWG

SCALE : 1-INCH = 2000-FEET



04/24/2026

UWI (APINum)	Well Name	Well Number	Operator	Historical Operator	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
4708504491	PERINE K B & P	H-893	HAUGHT G L & SONS	HAUGHT G L & SONS	2,450	2286 - 2332	Weir	Benson, Alexander
4708504372	HOWARD JAMES M ETAL	H-817	HAUGHT G L & SONS	HAUGHT G L & SONS	2,625	1954 - 2305	Big Injun, Weir	Benson, Alexander
4708591038								
4708503766	FOREST GREGG	1	STRICKLIN C A	STRICKLIN C A	1,950			Benson, Alexander
4708502687	C O WISE	1	STRICKLIN C A	STRICKLIN C A	1,860		Big Injun	Benson, Alexander
4708505621	IAMS DALE	1	CHASE PETROLEUM CO	CHASE PETROLEUM CO	3,950	2078 - 3238	Weir, Udev	Benson, Alexander
4708590935								
4708590942								
4708506194	GOFF JOHN ET AL	3	PRIOR FERRELL L	PRIOR FERRELL L	5,227		Warren, Lower Huron, Java	Benson, Alexander
4708505988	GOFF JOHN A ET AL	1	PRIOR FERRELL L	PRIOR FERRELL L	4,988	3112 - 1451	Lower Huron	Benson, Alexander
4708506403	GOFF JOHN A ET AL	4	PRIOR FERRELL L	PRIOR FERRELL L	5,306	3300 - 4808	Udev, Lower Huron	Benson, Alexander
4708509236	RIGGS	3	HAUGHT ENERGY CORP	GASSEARCH CORP	5,314	3768 - 5092	Greenland Gap, Riley, Benson, Alexander	Weir
4708506231	GOFF JOSEPH ET AL	4	PRIOR FERRELL L	PRIOR FERRELL L	5,262	2995 - 4997	Udev, Lower Huron, Angola	Benson, Alexander
4708591022								
4708506230	GOFF JOSEPH ET AL	3	PRIOR FERRELL L	PRIOR FERRELL L	5,166	2995 - 4997		Benson, Alexander
4708504469								Benson, Alexander
4708504527								Benson, Alexander
4708501755								Benson, Alexander
4708506379								Benson, Alexander

RECEIVED
 Office of Oil and Gas
 APR 15 2026
 WV Department of
 Environmental Protection

LATITUDE 39°12'30" 80'

LATITUDE 39°10'00"

6,958' TO BOTTOM HOLE

Antero Resources
Corporation
Well No. Mantle #2H

UNION DISTRICT - RITCHIE COUNTY	
7-13	Dawn McLaughlin
7-14	Wayne & Delphine Haddox
7-15	Louis Daniel Easterday Revocable Living Trust
7-16	Louis D. Easterday
7-18	Louis D. Easterday
12-6	Robert & Dorothy Layton
12-6.1	Robert & Dorothy Layton
12-7	Louis Daniel Easterday Revocable Living Trust
12-7.1	Louis Daniel Easterday Revocable Living Trust
12-13	Clay Mossor & Victoria McGinnis
12-13.1	Clay Mossor & Victoria McGinnis
12-14	Melissa K. Robinson Et Al
12-15	Melissa K. Robinson Et Al
12-16	Melissa K. Robinson Et Al
12-17	Melissa K. Robinson Et Al
12-18	Melissa K. Robinson Et Al
12-19	Melissa K. Robinson Et Al
12-20	Melissa K. Robinson Et Al
12-21	Melissa K. Robinson Et Al
12-21.1	Melissa K. Robinson Et Al
12-22	Kenny & Briana Westfall
12-23	Jaqueline McCullough
12-24	Carl Shields
12-25	Kenny & Briana Westfall
12-26	Pamela Nicholson
12-26.2	Rhonda & Eric White
12-29.1	Charles Amos
12-29.2	Ardeh Haddox
12-29.3	Ardeh Haddox
12-30	Jenna Amos
12-30.2	Kenny & Briana Westfall
12-30.1	Melissa K. Robinson Et Al
12-31	Jay Greag
12-37	James & Theresa Swathwood
12-38	James & Theresa Swathwood
12-38.1	James & Theresa Swathwood
12-39	Robert & Tonya McNemar
12-40	James & Theresa Swathwood
12-40.1	James & Theresa Swathwood
12-41	James & Theresa Swathwood
12-42	John & Ronald Worley
13-21.4	Hersberger Sawing & Logging LLC
13-26	Robert & Judith Miller
18-11.2	Craig Harper
18-17.3	Jay Schwerman & Athena Bayne
18-18	Jay Schwerman & Athena Bayne
19-1	Anthony & Geraldine Romeo
19-2	John Goff
19-2.1	John Goff
19-2.2	John Goff
19-2.3	John Goff
19-2.4	John Goff
19-19	Jay Goff
19-20	Lizetta Goff
19-21	Lizetta Goff

PULLMAN CORPORATION - RITCHIE COUNTY	
1-1	John Greag
1-2	John Greag
1-5	Donald & Debra Dodd
1-5.1	Donald & Debra Dodd
1-6	Douglas Tinsler
1-7	Douglas Tinsler
1-13	Robert & Tonya McNemar
1-14	Charles & Shannon Hardbarger
1-14.1	WV DOT
1-15	Donnie Hoxey
1-16	Jordan Lanham
1-17.2	Louis & Rachel Flanigan
1-17.3	Louis & Rachel Flanigan
1-31	Edwin Bartlett & Teresa Reed
1-32	Robert Amos
1-32.1	WV DOT
1-33	Terry Wallace
1-34	Glenna Amos
1-34.1	Glenna Amos
1-35	Carrie Lee
1-36	Glenn & Susan Shive

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'

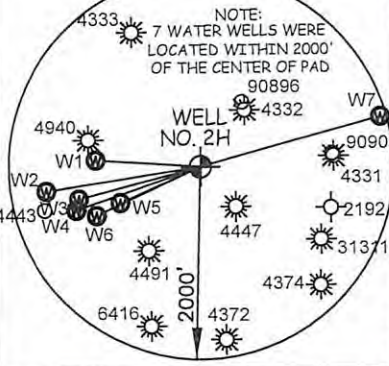
39	W.S. CHAPMAN AND JENNIE M. CHAPMAN
40	JOHN GOFF AND HILDA M. GOFF
41	PATTY W. COX AND BILLIE C. COX
42	JOHN GOFF
44	JAY K. GOFF AND EDITH A. GOFF
45	JOE GOFF ET AL
46	JOE GOFF AND RUTH B. GOFF
47	HURLEY D. ROBINSON AND CLARICE V. ROBINSON
48A	W. F. COX, ET UX
48B	W. F. COX, ET UX
49	JOE GOFF AND RUTH B. GOFF
51	JOE GOFF AND RUTH B. GOFF
52	ROY BEE AND THEO BEE
53	CALLA E. BRITTON
54	HARRIET M. JARVIS, ET AL
55	SARAH C. HOWARD
56	JOYCE ANN HOWARD
57	HARRIET M. JARVIS, ET AL
58	LOUIS ROYCE FLANIGAN & RACHEL LYNN FLANIGAN

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 258,296ft E: 1,586,642ft
LAT: 39°11'59.86" LON: 80°57'31.01"
BOTTOM HOLE INFORMATION:
N: 242,508ft E: 1,591,323ft
LAT: 39°09'24.58" LON: 80°56'28.33"
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: 4,338,977m E: 503,588m
BOTTOM HOLE INFORMATION:
N: 4,334,191m E: 505,095m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 14,234,746ft E: 1,652,141ft
POINT OF ENTRY INFORMATION:
N: 14,234,244ft E: 1,651,908ft
BOTTOM HOLE INFORMATION:
N: 14,219,045ft E: 1,657,084ft

LESSOR	
1	EDITH LAYTON
3	KENNETH B. FERRINE AND PATRICIA FERRINE
4	JOSEPH A. HOWARD
5	JAMES M. HOWARD AND HELEN HOWARD ET AL
6	DONZEL E. BETTS, ET UX
7	ROBERT GUY AMOS, ET AL
8	LORA KATHRYN ADAMS
9	LORA KATHRYN ADAMS
10	LORA KATHRYN ADAMS
11	DONNA B. LEASEBURG
12	KENNY D. WESTFALL AND BRIANA WESTFALL, JTWR
13	KENNY D. WESTFALL AND BRIANA WESTFALL, JTWR
14	ALISON A. CRANE
16	DONALD R. REYNOLDS
17	JAY ALAN GREGG
18	FOREST GREGG AND GEORGIA GREGG
19	C.O. WISE AND MABEL WISE ET AL
20	EMORY C. CURRY, ET UX
23	ROGER GEORGE AND BETTY GEORGE
24	LORETTA M. GRIMM
25	JOHN F. GREGG
26	DONALD E. DODD AND DEBRA S. DODD
27	DONALD E. DODD AND DEBRA S. DODD
28	HOWARD DALE JAMS AND ORPHA MARIE JAMS
29	BRIAN LUNDELL
30	JORDAN L. LANHAM
31	LOUIS ROYCE FLANIGAN AND RACHEL LYNN FLANIGAN
33	GLENN H. SHIVE AND SUSAN V. SHIVE
34	CARRIE L. LEE
35	GLENN A. AMOS
36	TERRY WALLACE
37	ROBERT NATHAN AMOS AND RYAN GLENWOOD AMOS
38	ROBERT GUY AMOS, ET AL



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 # 25-028WA
DRAWING # MANTLE2H
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# MANTLE UNIT #2H

47 - 085 - 10574
STATE COUNTY PERMIT

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 D. EASTERDAY ACREAGE 33.75 ACRES +/-

OIL & GAS ROYALTY OWNER KENNETH B. PERINE AND PATRICIA PERINE LEASE ACREAGE 33.75 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 ☐

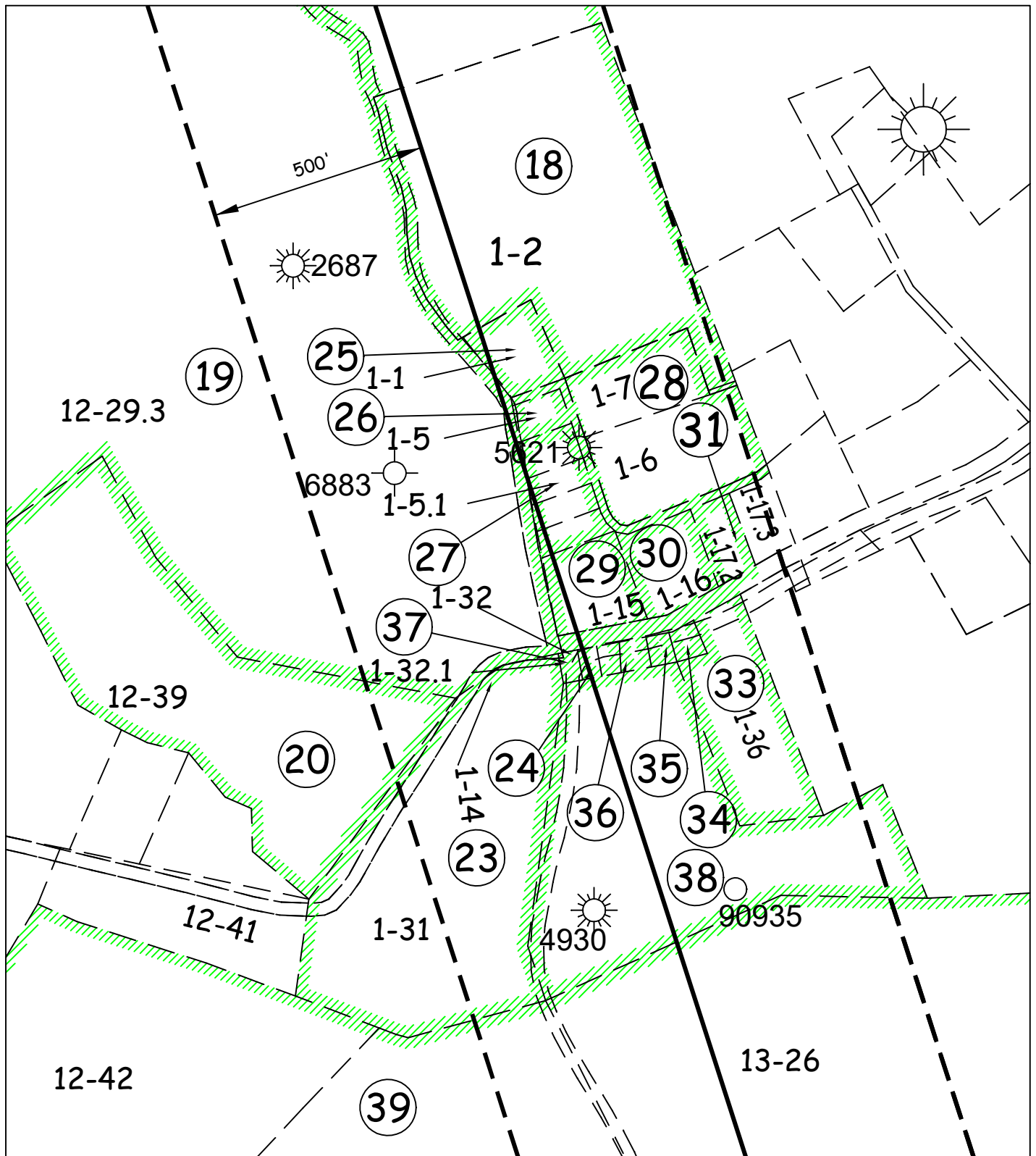
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 24,300' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CONRAD BASTON
ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAKS BLVD
DENVER, CO 80202 BRIDGEPORT, WV 26330

FORM WW-6

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

REFERENCES

04/24/2026
STAKE/
NAIL, SET
WELL
NO. 2H
1" = 400'



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
3: 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: Edith Layton Lease			
Edith Layton	Dale Wolfe	1/8	0133/0442
Dale Wolfe	Allstate Energy Corporation	Assignment	0133/0583
Allstate Energy Corporation	Antero Resources Corporation	Assignment	0280/0668
5: James M. Howard and Helen Howard Et Al Lease			
James M. Howard and Helen Howard Et Al	Warren R. Haught and Lenna G. Haught	1/8	0123/0640
Warren R. Haught and Lenna G. 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
18: Forest Gregg and Georgia Gregg Lease			
Forest Gregg and Georgia Gregg	Alton Skinner	1/8	0131/0614
Alton Skinner	Alton Skinner II, Et Al	Will	0216/0391
Alton Skinner II, Et Al	Crystal G. Skinner and Desari S. Garrett	Assignment	0245/0010
Crystal G. Skinner and Desari S. Garrett	DC Petroleum, Inc.	Assignment	0218/0250
DC Petroleum, Inc.	Antero Resources Corporation	Assignment	0362/0529
25: John F. Gregg Lease			
John F. Gregg	Antero Resources Corporation	1/8+	0360/0066
19: C.O. Wise and Mabel Wise Et Al Lease			
C.O. Wise and Mabel Wise Et Al	C.A. Stricklin	1/8	0098/0125
C.A. Stricklin	Big A Oil Corporation	Assignment	0152/0591
Big A Oil Corporation	Lamar Oil and Gas Company	Assignment	0196/0320
Lamar Oil and Gas Company	Antero Resources Corporation	Assignment	0359/0001
26: Donald E. Dodd and Debra S. Dodd Lease			
Donald E. Dodd and Debra S. Dodd	Antero Resources Corporation	1/8+	0350/0763
27: Donald E. Dodd and Debra S. Dodd Lease			
Donald E. Dodd and Debra S. Dodd	Antero Resources Corporation	1/8+	0350/0763
29: Brian Lundell Lease Docket/Cause # 457-594			
Brian Lundell	SEP Appalachia, LLC	1/8	0353/0609
SEP Appalachia, LLC	Antero Resources Corporation	Agreement	0366/0524

04/24/2026

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
24: Loretta M. Grimm Lease Loretta M. Grimm	Antero Resources Corporation	1/8+	0356/0001
38: Robert Guy Amos, Et Al Lease Robert Guy Amos, Et Al Alton Skinner Chase Petroleum Incorporated	Docket/Cause # 457-594 Alton Skinner Chase Petroleum Incorporated Antero Resources Corporation	1/8 Assignment Assignment	0132/0517 0139/0692 0362/0529
39: 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
40: 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
42: John Goff Lease John Goff Ferrell Prior Ken Matthews Rep-Aid Corporation Sandra Matthews	Docket/Cause # 457-594 Ferrell Prior Ken Matthews Rep-Aid Corporation Sandra Matthews Antero Resources Corporation	1/8 Assignment Assignment Assignment Assignment	0130/0170 0130/0231 0139/0791 0366/0469 0367/0129
45: Joe Goff Et Al Lease Joe Goff Et Al Ferrell Prior Waco Oil & Gas Company, Inc.	Ferrell Prior Waco Oil & Gas Company, Inc. Antero Resources Corporation	1/8 Assignment Assignment	0129/0820 0206/0042 0275/0233
46: Joe Goff and Ruth B. Goff Lease Joe Goff and Ruth B. Goff Ferrell Prior Waco Oil and Gas Company, Incorporated	Ferrell Prior Waco Oil and Gas Company, Incorporated Antero Resources Corporation	1/8 Assignment Assignment	0129/0818 0206/0042 0275/0233
48A: W.F. Cox, Et Ux Lease W.F. Cox, Et Ux 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	0031/0441 WVSOS 0228/0859 WVSOS 0232/0128 0358/0729

04/24/2026

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
53: Calla E. Britton Lease	Docket/Cause # 457-594		
Calla E. Britton	James L. Goff	1/8	0155/0427
James L. Goff	Kanawha Drilling Company	Assignment	0156/2288
Kanawha Drilling Company	Tiara, Inc.	Assignment	0158/0238
Tiara, Inc.	Lamar Oil & Gas Company	Assignment	0194/0350
Lamar Oil & Gas Company	Optimist Oil and Gas Company, Inc.	Assignment	0199/0008
Optimist Oil and Gas Company, Inc.	Lamar Oil & Gas Company	Assignment	0284/0314
Lamar Oil & Gas Company	W. Kevin Snider, individually & Ritchie Petroleum Corporation	Assignment	0223/0587
W. Kevin Snider, individually & Ritchie Petroleum Corporation	Antero Resources Corporation	Assignment	0284/0522

***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

***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.**

04/24/2026

WW-6A1
(5/13)

APR 15 2026

Operator's Well No. Mantle Unit 2H MOD

WV Department of
Environmental Protection

**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
57: Harret M. Jarvis, Et Al Lease	Docket/Cause # 457-594			
	Harriet M. Jarvis, Et Al	Delaware Gas Company	1/8	0086/0057
	Delaware Gas Company	Consolidated Gas Supply Corporation	Assignment	0162/0124
	Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	0169/0756
	Consolidated Gas Transmission Corporation	CNG Transmission Corporation	Merger	WV SOS
	CNG Transmission Corporation	Dominion Transmission, Inc.	Merger	WV SOS
	Dominion Transmission, Inc.	Consol Energy Holdings LLC XVI	Assignment	0251/0648
	Consol Energy Holdings LLC XVI	Consol Gas Company	Merger	0006/0576
	Consol Gas Company	CNX Gas Company	Merger	0006/0634
	CNX Gas Company	Noble Energy, Inc.	Assignment	0304/0287
	Noble Energy, Inc.	HG Energy II Appalachia, LLC	Assignment	0357/0398
	HG Energy II Appalachia, LLC	Antero Resources Corporation	Assignment	Pooled Tract

*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

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