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

Tuesday, June 16, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for SOLIS UNIT 1H
47-103-03843-00-00

Lateral Extension with 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.

H. Jason Harmon
Chief

Operator's Well Number:	SOLIS UNIT 1H
Farm Name:	RAYMOND J & LINDA S HEILMAN
U.S. WELL NUMBER:	47-103-03843-00-00
Horizontal 6A	New Drill
Date Modification Issued:	06/16/2026

Promoting a healthy environment.

06/19/2026

WW-6B
(04/15)

API NO. 47- 103 - 03843
OPERATOR WELL NO. Solis Unit 1H MOD
Well Pad Name: Heilman 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	103 - Wetze	Green	Pine Grove
		Operator ID	County	District	Quadrangle

2) Operator's Well Number: Solis Unit 1H MOD Well Pad Name: Heilman Pad

3) Farm Name/Surface Owner: Raymond J. and Linda S. Heilman Public Road Access: Ashland Ridge Road

4) Elevation, current ground: 1442' Elevation, proposed post-construction: 1442'

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: 7900' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2800#

8) Proposed Total Vertical Depth: 7900' TVD

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 31700' MD

11) Proposed Horizontal Leg Length: 20175.4'

12) Approximate Fresh Water Strata Depths: 388'

13) Method to Determine Fresh Water Depths: 47-103-00537

14) Approximate Saltwater Depths: 2071'

15) Approximate Coal Seam Depths: N/A

16) Approximate Depth to Possible Void (coal mine, karst, other): N/A

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: _____

CK# 405184
$ 7500

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WV Department of
Environmental Protection

Stephen Mccoy
Digitally signed by Stephen Mccoy
Date: 2026.06.01 12:06:45 -04'00'

06/19/2026

API NO. 47- 103 - 03843
OPERATOR WELL NO. Solis Unit 1H MOD
Well Pad Name: Heilman 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	H-40	94#	100'	100'	CTS, 96 Cu. Ft.
Fresh Water	13-3/8"	New	J-55	54.5#	438'	438'	CTS, 456 Cu. Ft.
Coal	9-5/8"	New	J-55	36#	2500'	2500'	CTS, 1018 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110	23#	31700'	31700'	7060 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							

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PACKERS

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

06/19/2026
Stephen Mccoy Digitally signed by Stephen Mccoy Date: 2026.04.21 18:03:36 -04'00'

API NO. 47- 103 - 03843
OPERATOR WELL NO. Solis Unit 1H MOD
Well Pad Name: Heilman 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

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21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 19.62 acres

22) Area to be disturbed for well pad only, less access road (acres): 9.29 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

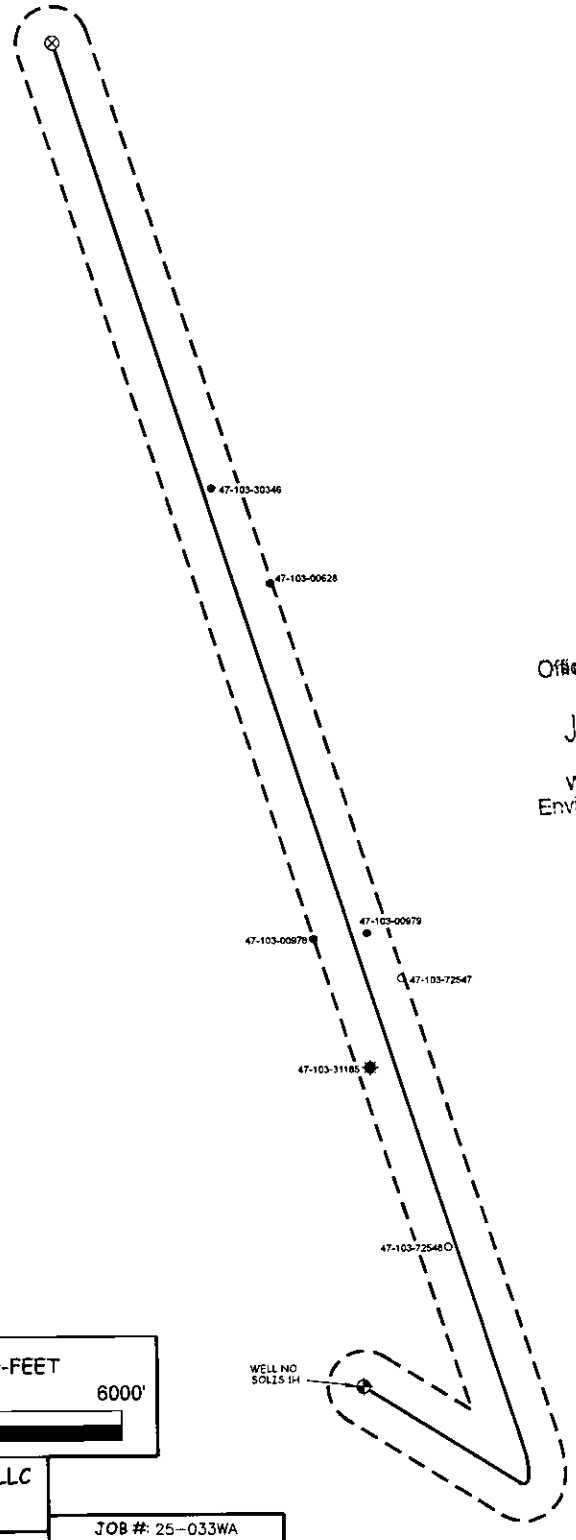
25) Proposed borehole conditioning procedures:

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.

Stephen Mccoy 06/19/2026
Digitally signed by Stephen Mccoy
Date: 2026.04.21 18:03:26 -04'00'

HEILMAN PAD
ANTERO RESOURCES CORPORATION



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JUN 08 2026
WV Department of Environmental Protection

SCALE : 1-INCH = 2000-FEET

0' 2000' 4000' 6000'

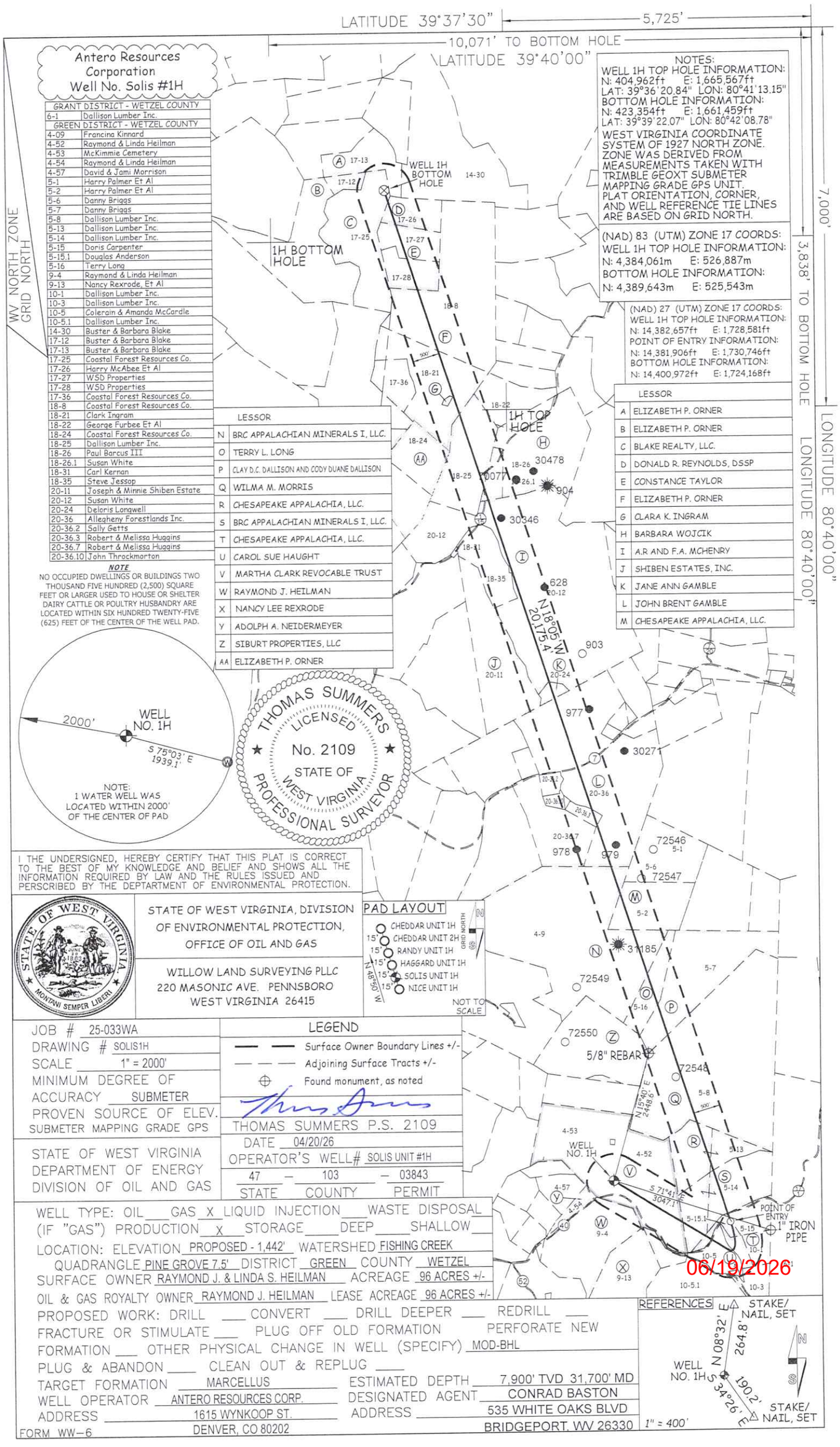
WILLOW LAND SURVEYING, PLLC
P.O. BOX 17, PENNSBORO, WV 26415
(304) 659-1717

DATE: 04/24/26 | DRAWN BY: T.B.S. | JOB #: 25-033WA | FILE: SOLIS1HAOR.DWG

06/19/2026

UWI (APINum)	Well Name	Well Number	Operator	Historical Operator	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
4710330346	ALBERT MCHENRY 6	809	HOPE NATURAL GAS	HOPE NATURAL GAS	3,375		Gordon	Weir, Benson, Alexander
4710300628	A R MCHENRY ET AL	7	PNNZL COMP	PENNZOIL CO INC	3,150		Gordon	Weir, Benson, Alexander
4710300979	J H GAINER	5	PNNZL COMP	PENNZOIL CO INC				
4710300978	J H GAINER	3	PNNZL COMP	PENNZOIL CO INC				
4710372547	D CARPENTER HEIRS	3	UNKNOWN	UNKNOWN				
4710331185	JOSEPH RUCKMAN	3	CASSADY WILLIAM	CASSADY WILLIAM			Gordon	Weir, Benson, Alexander
4710372548	SPENCER MCKIMMIE 1	432	CARNEGIE NATURAL GAS	CARNEGIE NATURAL GAS				

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NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 404,962ft E: 1,665,567ft
LAT: 39°36'20.84" LON: 80°41'13.15"
BOTTOM HOLE INFORMATION:
N: 423,354ft E: 1,661,459ft
LAT: 39°39'22.07" LON: 80°42'08.78"
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: 4,384,061m E: 526,887m
BOTTOM HOLE INFORMATION:
N: 4,389,643m E: 525,543m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,382,657ft E: 1,728,581ft
POINT OF ENTRY INFORMATION:
N: 14,381,906ft E: 1,730,746ft
BOTTOM HOLE INFORMATION:
N: 14,400,972ft E: 1,724,168ft

	GRANT DISTRICT - WETZEL COUNTY
6-1	Dallison Lumber Inc.
	GREEN DISTRICT - WETZEL COUNTY
4-09	Francina Kinnard
4-52	Raymond & Linda Heilman
4-53	McKimmie Cemetery
4-54	Raymond & Linda Heilman
4-57	David & Jami Morrison
5-1	Harry Palmer Et Al
5-2	Harry Palmer Et Al
5-6	Danny Briggs
5-7	Danny Briggs
5-8	Dallison Lumber Inc.
5-13	Dallison Lumber Inc.
5-14	Dallison Lumber Inc.
5-15	Doris Carpenter
5-15.1	Douglas Anderson
5-16	Terry Long
9-4	Raymond & Linda Heilman
9-13	Nancy Rexrode, Et Al
10-1	Dallison Lumber Inc.
10-3	Dallison Lumber Inc.
10-5	Colerain & Amanda McCardle
10-5.1	Dallison Lumber Inc.
14-30	Buster & Barbara Blake
17-12	Buster & Barbara Blake
17-13	Buster & Barbara Blake
17-25	Coastal Forest Resources Co.
17-26	Harry McAbee Et Al
17-27	WSD Properties
17-28	WSD Properties
17-36	Coastal Forest Resources Co.
18-8	Coastal Forest Resources Co.
18-21	Clark Ingram
18-22	George Furbee Et Al
18-24	Coastal Forest Resources Co.
18-25	Dallison Lumber Inc.
18-26	Paul Barcus III
18-26.1	Susan White
18-31	Carl Kernan
18-35	Steve Jessop
20-11	Joseph & Minnie Shiben Estate
20-12	Susan White
20-24	Deloris Longwell
20-36	Allegheny Forestlands Inc.
20-36.2	Sally Getts
20-36.3	Robert & Melissa Huggins
20-36.7	Robert & Melissa Huggins
20-36.10	John Throckmorton

	LESSOR
N	BRC APPALACHIAN MINERALS I, LLC.
O	TERRY L. LONG
P	CLAY D.C. DALLISON AND CODY DUANE DALLISON
Q	WILMA M. MORRIS
R	CHESAPEAKE APPALACHIA, LLC.
S	BRC APPALACHIAN MINERALS I, LLC.
T	CHESAPEAKE APPALACHIA, LLC.
U	CAROL SUE HAUGHT
V	MARTHA CLARK REVOCABLE TRUST
W	RAYMOND J. HEILMAN
X	NANCY LEE REXRODE
Y	ADOLPH A. NEIDERMEYER
Z	SIBURT PROPERTIES, LLC
AA	ELIZABETH P. ORNER

	LESSOR
A	ELIZABETH P. ORNER
B	ELIZABETH P. ORNER
C	BLAKE REALTY, LLC.
D	DONALD R. REYNOLDS, DSSP
E	CONSTANCE TAYLOR
F	ELIZABETH P. ORNER
G	CLARA K. INGRAM
H	BARBARA WOJCIK
I	A.R AND F.A. MCHENRY
J	SHIBEN ESTATES, INC.
K	JANE ANN GAMBLE
L	JOHN BRENT GAMBLE
M	CHESAPEAKE APPALACHIA, LLC.

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:
1 WATER WELL WAS LOCATED WITHIN 2000' OF THE CENTER OF PAD

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

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

PAD LAYOUT
CHEDDAR UNIT 1H
CHEDDAR UNIT 2H
RANDY UNIT 1H
HAGGARD UNIT 1H
SOLIS UNIT 1H
NICE UNIT 1H
GRID NORTH
NOT TO SCALE

LEGEND
Surface Owner Boundary Lines +/-
Adjoining Surface Tracts +/-
Found monument, as noted

JOB # 25-033WA
DRAWING # SOLIS1H
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

THOMAS SUMMERS P.S. 2109
DATE 04/20/26
OPERATOR'S WELL# SOLIS UNIT #1H

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

47 — 103 — 03843
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION PROPOSED - 1,442' WATERSHED FISHING CREEK
QUADRANGLE PINE GROVE 7.5' DISTRICT GREEN COUNTY WETZEL
SURFACE OWNER RAYMOND J. & LINDA S. HEILMAN ACREAGE 96 ACRES +/-
OIL & GAS ROYALTY OWNER RAYMOND J. HEILMAN LEASE ACREAGE 96 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 7,900' TVD 31,700' 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

REFERENCES

WW-6A1

Operator's Well Number Solis 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
V: Martha Clark Revocable Trust Lease			
Martha Clark Revocable Trust	**Antero Resources Corporation**	**1/8+**	**307A/574**
R: Chesapeake Appalachia, LLC Lease			
Chesapeake Appalachia, LLC	SWN Productions Company LLC	1/8	157A/640
SWN Productions Company LLC	Antero Exchange Properties LLC	Assignment	177A/533
Antero Exchange Properties, LLC	**Antero Resources Corporation**	**Merger**	**13/311**
U: Carol Sue Haught Lease			
Carol Sue Haught	**Antero Resources Corporation**	**1/8+**	**330A/600**
T: Chesapeake Appalachia, LLC Lease			
Chesapeake Appalachia, LLC	SWN Productions Company LLC	1/8	157A/640
SWN Productions Company LLC	Antero Exchange Properties LLC	Assignment	177A/533
Antero Exchange Properties, LLC	**Antero Resources Corporation**	**Merger**	**13/311**
S: BRC Appalachian Minerals I, LLC Lease			
BRC Appalachian Minerals I, LLC	BRC Working Interest Company LLC	1/8+	102A/505
BRC Working Interest Company LLC	Chesapeake Appalachia, LLC	Assignment	103A/470
Chesapeake Appalachia, LLC	SWN Production Company	Assignment	157A/540
SWN Production Company	Antero Exchange Properties LLC	Assignment	177A/533
Antero Exchange Properties LLC	**Antero Resources Corporation**	**Merger**	**9/404**
R: Chesapeake Appalachia, LLC Lease			
Chesapeake Appalachia, LLC	SWN Production Company LLC	1/8	157A/640
SWN Production Company LLC	Antero Exchange Properties LLC	Assignment	177A/533
Antero Exchange Properties LLC	**Antero Resources Corporation**	**Merger**	13/311
Q: Wilma M. Morris Lease			
Wilma M. Morris	**Antero Resources Corporation**	**1/8+**	**301A/826**
P: Clay D.C. Dallison and Cody Duane Dallison Lease			
Clay D.C. Dallison and Cody Duane Dallison	**Antero Resources Corporation**	**1/8+**	**309A/429**
O: Terry L. Long Lease			
Terry L. Long	**Antero Resources Corporation**	**1/8+**	**296A/361**
N: BRC Appalachian Minerals I, LLC Lease			
BRC Appalachian Minerals I, LLC	BRC Working Interest Company LLC	1/8+	102A/505
BRC Working Interest Company LLC	Chesapeake Appalachia, LLC	Assignment	103A/470
Chesapeake Appalachia, LLC	SWN Production Company	Assignment	157A/540
SWN Production Company	Antero Exchange Properties LLC	Assignment	177A/533
Antero Exchange Properties LLC	**Antero Resources Corporation**	**Merger**	**9/404**
M: Chesapeake Appalachia, LLC Lease			
Chesapeake Appalachia LLC	SWN Production Company LLC	1/8	157A/640
SWN Production Company LLC	Antero Exchange Properties LLC	Assignment	177A/533
Antero Exchange Properties LLC	**Antero Resources Corporation**	**Merger**	**13/311**

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WV Department of Environmental Protection

06/19/2026

WW-6A1

Operator's Well Number Solis Unit 1H MOD

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Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
N: BRC Appalachian Minerals I, LLC Lease			
BRC Appalachian Minerals I, LLC	BRC Working Interest Company LLC	1/8+	102A/505
BRC Working Interest Company LLC	Chesapeake Appalachia, LLC	Assignment	103A/470
Chesapeake Appalachia, LLC	SWN Production Company	Assignment	157A/540
SWN Production Company	Antero Exchange Properties LLC	Assignment	177A/533
Antero Exchange Properties LLC	**Antero Resources Corporation**	**Merger**	**9/404**
L: John Brent Gamble Lease			
John Brent Gamble	**Antero Resources Corporation**	**1/8+**	**312A/521**
K: Jane Ann Gamble Lease			
Jane Ann Gamble	**Antero Resources Corporation**	**1/8+**	**296A/332**
I: A.R. and F.A. McHenry Lease			
A.R. and F.A. McHenry	J.L. Newman	1/8	8A/271
J.L. Newman	Hope Natural Gas	Assignment	8A/346
Hope Natural Gas	Consolidated Gas Supply Corporation	Assignment	233/387
Consolidated Gas Supply Corporation	CNG Development Company	Assignment	67A/453
CNG Development Company	CNG Producing Company	Merger	WVSOS
CNG Producing Company	Dominion Exploration & Production	Merger	WVSOS
Dominion Exploration & Production	Antero Resources Appalachian	Assignment	95A/937
Antero Resources Appalachian	**Antero Resources Corporation**	**Merger**	**121/8**
H: Barbara Wojcik Lease			
Barbara Wojcik	SWN Production Company LLC	1/8+	281A/501
SWN Production Company LLC	**Antero Resources Corporation**	**Assignment**	**399A/222**
I: A.R. and F.A. McHenry Lease			
A.R. and F.A. McHenry	J.L. Newman	1/8	8A/271
J.L. Newman	Hope Natural Gas	Assignment	8A/346
Hope Natural Gas	Consolidated Gas Supply Corporation	Assignment	233/387
Consolidated Gas Supply Corporation	CNG Development Company	Assignment	67A/453
CNG Development Company	CNG Producing Company	Merger	WVSOS
CNG Producing Company	Dominion Exploration & Production	Merger	WVSOS
Dominion Exploration & Production	Antero Resources Appalachian	Assignment	95A/937
Antero Resources Appalachian	**Antero Resources Corporation**	**Merger**	**121/8**
F: Elizabeth P. Orner Lease			
Elizabeth P. Orner	Pikewood Energy Corporation	1/8+	261A/801
Pikewood Energy Corporation	SWN Production Company, LLC	Assignment	264A/703
SWN Production Company, LLC	**Antero Resources Corporation**	**Assignment**	**399A/222**
G: Clara K. Ingram Lease			
Clara K. Ingram	**Antero Resources Corporation**	**1/8+**	**449A/122**
F: Elizabeth P. Orner Lease			
Elizabeth P. Orner	Pikewood Energy Corporation	1/8+	261A/801
Pikewood Energy Corporation	SWN Production Company, LLC	Assignment	264A/703
SWN Production Company, LLC	**Antero Resources Corporation**	**Assignment**	**399A/222**

RECEIVED
Office of Oil and Gas
JUN 08 2026
WV Department of
Environmental Protection

06/19/2026

WW-6A1

Operator's Well Number Solis Unit 1H MOD

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(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
E: Constance Taylor Lease Constance Taylor **SWN Production Company LLC**	SWN Production Company LLC **Antero Resources Corporation**	1/8+ **Assignment**	278A/208 **POOLED TRACT**
D: Donald R. Reynolds, DSSP Lease Donald R. Reynolds, DSSP **SWN Production Company LLC**	SWN Production Company LLC **Antero Resources Corporation**	1/8+ **Assignment**	269A/547 **399A/222**

***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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06/19/2026

WW-6A1
(5/13)

Operator's Well No. Solis 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
C: Blake Realty, LLC Lease				
	Blake Realty, LLC	Antero Resources Corporation	1/8+	323A/85

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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

06/19/2026

June 5th, 2026

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

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

Mr. Brewer:

Antero Resources Corporation (Antero) would like to submit the following permit modification for an approved well on the Heilman Pad. We are requesting to extend the horizontal lateral length which will change the bottom hole location of the Solis Unit 1H well.

Attached you will find the following documents:

- REVISED Form WW-6B, which shows the revised MD and Production Casing/Cement program
- REVISED Form WW-6A1, which shows the leases we will be drilling into
- REVISED Mylar Plat, which shows the new bottom hole location

If you have any questions please feel free to contact me at (303) 357-7373.

Thank you in advance for your consideration.

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Environmental Protection

Sincerely,

Carly Wren
Permitting Agent
Antero Resources Corporation

Enclosures

06/19/2026