

west virginia department of environmental protection

Office of Oil and Gas 601 57<sup>th</sup> Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Monday, August 22, 2022 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

# ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for LENNY UNIT 1H 47-103-03494-00-00

Lateral Extension

### 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.

Operator's Well Number: LENNY UNIT 1H Farm Name: JAMES A SELL U.S. WELL NUMBER: 47-103-03494-00-00 Horizontal 6A New Drill Date Modification Issued: 08/22/2022

Promoting a healthy environment.

ck# 4012203 \$ 2,500

API NO. 47-<u>103</u>-03494 OPERATOR WELL NO. Lenny Unit 1H MOD Well Pad Name: Furbee 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 013-Wetzel	reen Pine Grove 7.5'
	District Quadrangle
2) Operator's Well Number: Lenny Unit 1H MOD 🔨 Well Pad Name: Furbee	Pad
3) Farm Name/Surface Owner: James Allen Sell C Public Road Access: Furbe	e Ridge Road
4) Elevation, current ground: <u>1240'</u> Elevation, proposed post-construction	: ~1212'
5) Well Type (a) Gas X Oil Underground Storage	
Other	
(b)If Gas Shallow X Deep	
Horizontal X	
6) Existing Pad: Yes or No No	
<ol> <li>Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Press Marcellus Shale: 7600' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 285</li> </ol>	
8) Proposed Total Vertical Depth: 7600' TVD	
9) Formation at Total Vertical Depth: Marcellus	
10) Proposed Total Measured Depth: 24900' MD	RECEIVED Office of Oil and Cas
11) Proposed Horizontal Leg Length: 15201.1'	AUG 1 1 2022
12) Approximate Fresh Water Strata Depths: 575'	W V Department of
13) Method to Determine Fresh Water Depths: 47103308970000	Environimental Process
14) Approximate Saltwater Depths: 2284'	
15) Approximate Coal Seam Depths: 973'	
16) Approximate Depth to Possible Void (coal mine, karst, other): None Anticipate	d
17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No	K
(a) If Yes, provide Mine Info: Name:	
Depth:	
Seam:	

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WW-6B (04/15)

API NO. 47- 103 - 03494 OPERATOR WELL NO. Lenny Unit 1H MOD Well Pad Name: Furbee Pad

WW-6B (04/15)

### 18)

## CASING AND TUBING PROGRAM

TYPE	Size (in)	<u>New</u> or <u>Used</u>	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	<u>CEMENT:</u> <u>Fill-up</u> (Cu. Ft.)/CTS
Conductor	20"	New	H-40	79#	80	80	CTS, 77 Cu. Ft.
Fresh Water	13-3/8"	New	J/K-55	54.5#	625	625	CTS, 651 Cu. Ft.
Coal	9-5/8"	New	J/K-55	36#	2500	2500	CTS, 1018 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110CY	20#	24900	24900	CTS, 5357 Cu. Ft.
Tubing	2-3/8"	New	N-80	4.7#			
Liners							1

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ТҮРЕ	Size (in)	<u>Wellbore</u> <u>Diameter (in)</u>	<u>Wall</u> <u>Thickness</u> <u>(in)</u>	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	<u>Cement</u> <u>Yield</u> (cu. ft./k)
Conductor	20"	24"	0.375"	2250	50	Class A	~1.18
Fresh Water	13-3/8"	17-1/2"	0.38"	2730	1000	Class A	~1.18
Coal	9-5/8"	12-1/4"	0.352"	3520	1500	Class A	~1.18
Intermediate							
Production	5-1/2"	8-3/4" & 8-1/2"	0.415"	14,360	2500	Class G/H	~1.18
Tubing	2-3/8"	4.778"	0.19"	11,200			
Liners					MARC		5

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### PACKERS

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

WW-6B (10/14) API NO. 47- 103 - 03494 OPERATOR WELL NO. Lenny Unit 1H MOD Well Pad Name: Furbee Pad

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

Drill, perforate, fracture a new horizontal shallow well and complete Marcellus Shale.

\*Antero will be air drilling the fresh water string which makes it difficult to determine when fresh water is encountered. Therefore, we have built in a buffer for the casing setting depth which helps to ensure that all fresh water zones are covered.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Antero plans to pump Slickwater into the Marcellus Shale formation in order to ready the well for production. The fluid will be comprised of approximately 99 percent water and sand, with less than 1 percent special-purpose additives as shown in the attached "List of Anticipated Additives Used for Fracturing or Stimulating Well."

Anticipated Max Pressure - 9300 lbs Anticipated Max Rate - 80 bpm

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 30.09 acres

22) Area to be disturbed for well pad only, less access road (acres): 13.86 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 cement.

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Surface: Class A cement with 2-3% calcium chloride and 1/4 lb of flake Intermediate: Class A 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

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.

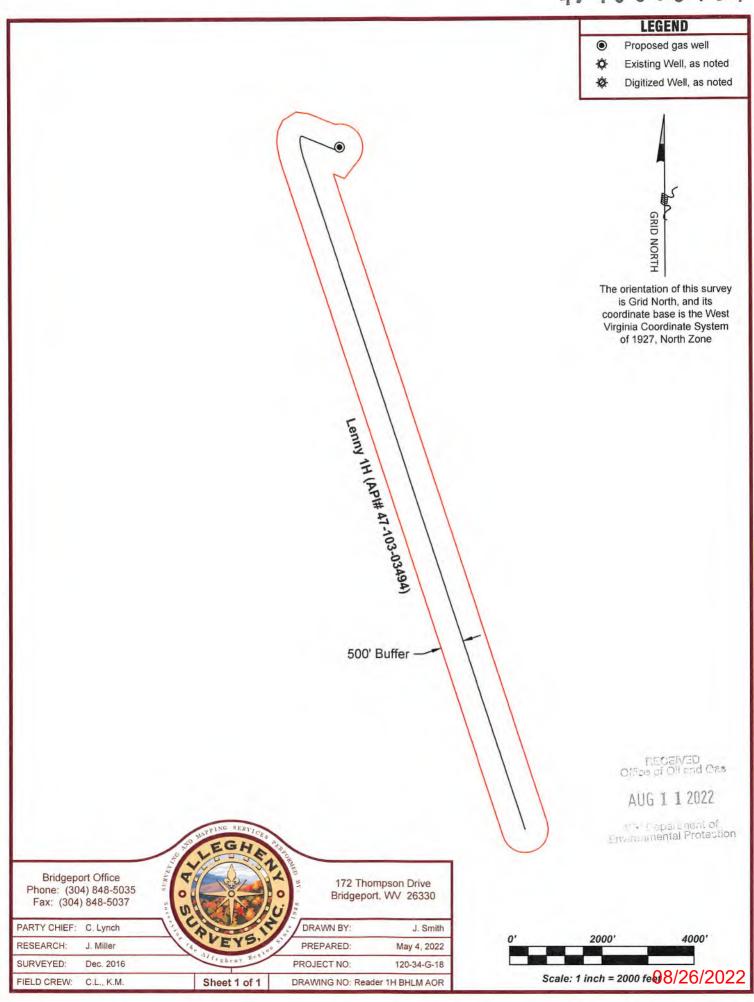
Surface: blowhole clean with air, trip to conductor shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate pipe capacity + 40 bbls fresh water followed by 25 bbls bentonite mud, 10 bbls fresh water spacer.

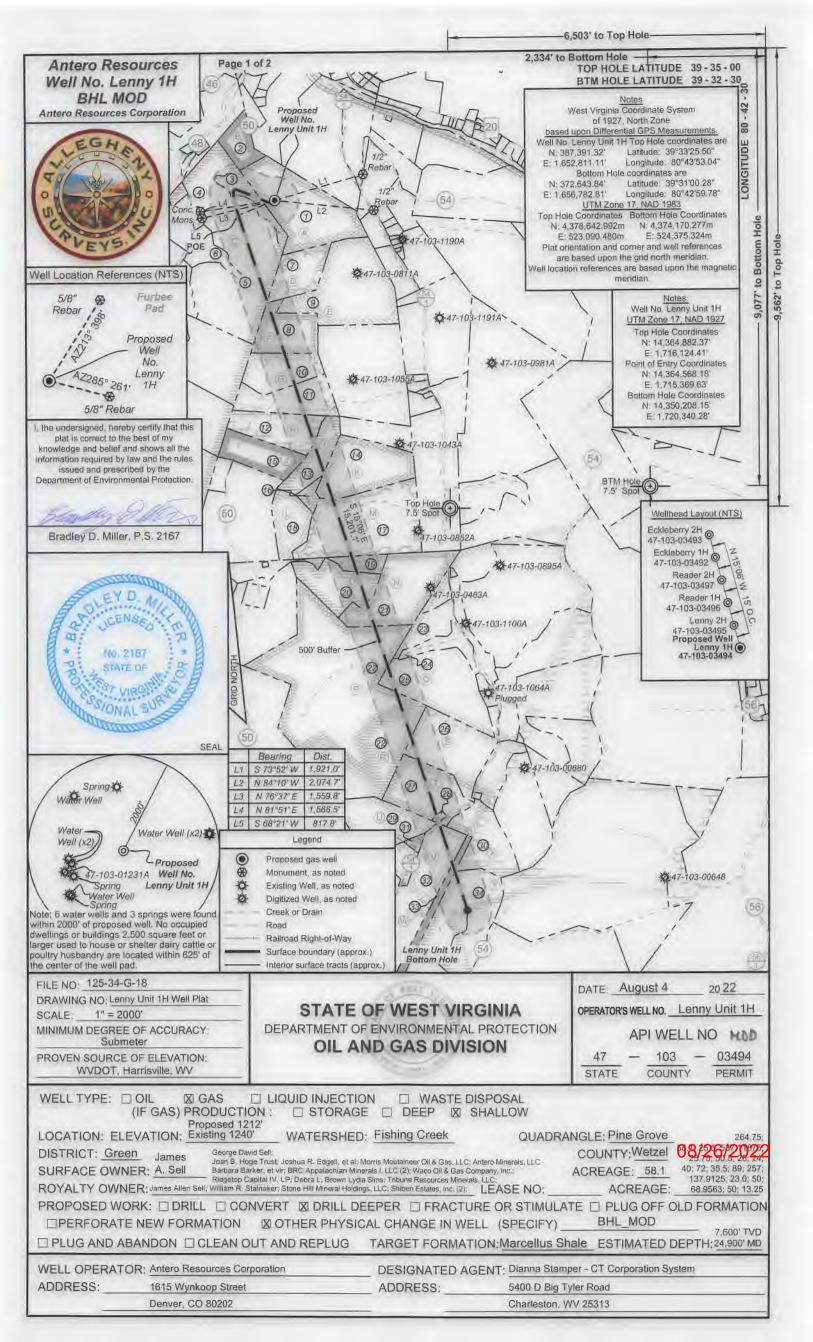
Intermediate: blowhole clean with air, trip to surface casing shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate 40 bbls brine water followed by 10 bbls fresh water and 25 bbls bentonite mud, pump 10 bbls fresh water.

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.

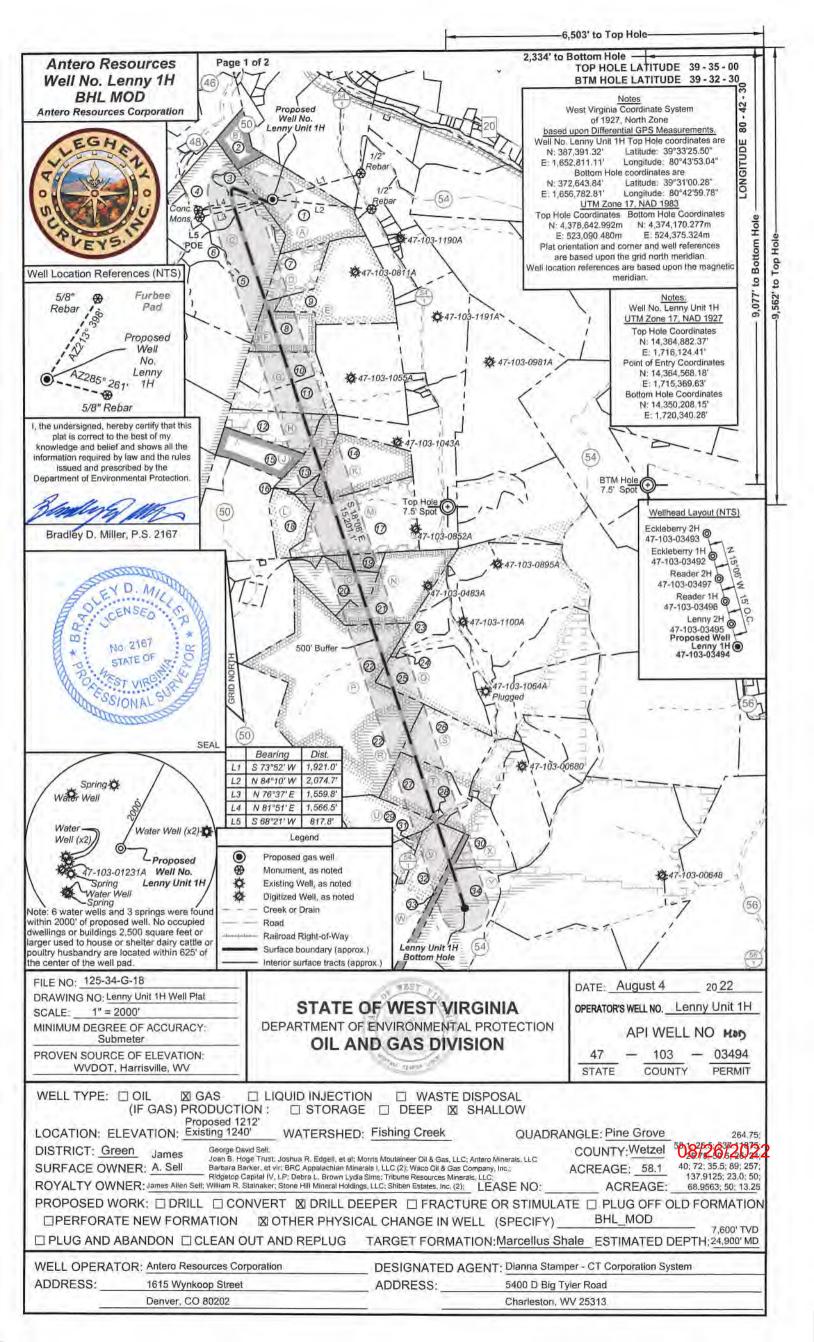
\*Note: Attach additional sheets as needed.

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Antero Resources Well No. Lenny 1H BHL MOD Antero Resources Corporation	Page 2 of 2		
5       17-60         6       17-59         7       17-54         8       17-16         9       17-17         10       17-24         11       17-25         12       17-33         13       17-34         14       17-47         15       17-44         16       17-46         17       17-35         18       17-45         19       17-30         18       17-45         19       17-30         20       20-4         21       20-5         22       20-13         23       20-14.3         24       20-14.10         25       20-14.5         27       20-17         28       20-27         29       20-26         30       20-28         31       20-36         32       20-33	Owner James Allen Sell Donald L. Mason James Allen Sell Steven C. & Bertie G. Blinkman Ross Bucher Olivia Brisendine James Allen Sell James Allen Sell James & Andrea Sell James & Andrea Sell James & Andrea Sell James & Andrea Sell Dates & Jonathan Sivert Debtra Lynn Brown Debra Lynn Brown George David Sell Debra Lynn Brown George David Sell Debra Lynn Brown George David Sell Debra Sell et al aymond Furbee, Sr. & Olive Gay Bro George D. Sell, et al aymond Furbee, Sr. & Olive Gay Bro Nola J. Parks & Gloria C. Higgins Debbie Brown, et al Dallison Lumber Inc. Albert E. & Betty Jean Clutter Bobbi Jean Bassett Randy D. & Dori R. Ice Marsha C. Hamrick, et al Christopher N. Kise David Edward Arthurs, et al Unkown Coastal Forest Resources Co. Louisa Bassett David Edward Arthurs, et al imbia Gas Transmission Corporation Louisa Bassett & Irvin Bassett	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Leases James Allen Sell George Neason Myers, et ux William R. Stalnaker Shiben Estates, Inc. Shiben Estates, Inc. Stone Hill Mineral Holdings, LLC Ridgetop Capital IV, LP Debra L. Brown Lydia Sims Debra L. Brown George David Sell Kevin S. Goff, et ux Shiben Estates, Inc. Barbara Barker, et vir Waco Oil & Gas Company Inc. Tribune Resources Minerals, LLC Joan B. Hoge Trust Joshua R. Edgell, et al Morris Mountaineer Oil & Gas LLC Shiben Estates, Inc. Antero Minerals, LLC Josephine Brast, et al Shiben Estates, Inc.
FILE NO: 125-34-G-18 DRAWING NO: Lenny Unit 1H Well PI SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURAC Submeter PROVEN SOURCE OF ELEVATION WVDOT, Harrisville, WV WELL TYPE: OIL	Y: DEPARTMENT	TE OF WEST VIRGINIA T OF ENVIRONMENTAL PROTECTION AND GAS DIVISION	DATE: August 4 20 22 OPERATOR'S WELL NO. Lenny Unit 1H API WELL NO 47 - 103 - 03494 STATE COUNTY PERMIT
(IF GAS) PR Pri LOCATION: ELEVATION: Ex DISTRICT: Green James SURFACE OWNER: A. Sell ROYALTY OWNER: James Allen Se	ODUCTION : STOR oposed 1212' isting 1240' WATERSI George David Sell: Joan B. Hoge Trust: Joshua R. Edgell, Barbara Barker, et vir: BRC Appalachia Ridgetop Capital IV, LP; Debra L. Brow U; William R. Stalnaker; Stone Hill Mineral L CONVERT & DRIL	RAGE DEEP SHALLOW	ANGLE: Pine Grove 264.7 COUNTY: Wetzel ACREAGE: 58.1 ACREAGE: 58.1 ACREAGE: 68.9563; 50; 13.2 ATE PLUG OFF OLD FORMATIC BHL_MOD 7,600' TVI



LEGHE	Antero Resources Well No. Lenny 1H BHL MOD Antero Resources Corporation	Page 2 of 2
	LEGHER	

ID	TM-Par	Owner	Bk/Pg	Acres
1	17-12	James Allen Sell	370/148	58.10
2	13-69.1	Donald L. Mason	410/759	14.00
3	17-1	James Allen Sell	370/148	15.35
4	17-57	Steven C. & Bertie G. Blinkman	388/243	20.60
5	17-60	Ross Bucher	411/765	79.00
6	17-59	Olivia Brisendine	470/440	12.50
7	17-54	James Allen Sell	370/148	25.50
8	17-16	James & Andrea Sell	417/40	25.7
9	17-17	James Allen Sell	370/148	70.00
10	17-24	Nola Parks	417/35	26.50
11	17-25	Nola Parks & Jonathan Sivert	417/35	25.00
12	17-33	Debra Lynn Brown	332/480	26.00
13	17-34	Debra Lynn Brown	332/480	20.0
14	17-47	George David Sell	351/473	40.0
15	17-44	Debra Lynn Brown	362/474	26.0
16	17-46	George David Sell	351/473	4.00
17	17-35	Alfred Raymond Furbee, Sr. & Olive Gay Brown	333/638	60.0
18	17-45	George D. Sell, et al	W53/228	20.2
19	17-30	Alfred Raymond Furbee, Sr. & Olive Gay Brown	333/638	11.70
20	20-4	Nola J. Parks & Gloria C. Higgins	A100/689	25.5
21	20-5	Debbie Brown, et al	A96/679	45.0
22	20-13	Dallison Lumber Inc.	440/243	208.0
23	20-14.3	Albert E. & Betty Jean Clutter	379/182	14.3
24	20-14.10	Bobbi Jean Bassett	432/506	11.5
25	20-14.9	Randy D. & Dori R. Ice	404/39	53.3
26	20-14.5	Marsha C. Hamrick, et al	363/279	44.4
27	20-17	Christopher N. Kise	420/812	34.3
28	20-27	David Edward Arthurs, et al	347/49	0.75
29	20-25	Unkown	/	42.0
30	20-28	Coastal Forest Resources Co.	444/105	36.0
31	20-36	Louisa Bassett	165/304	1.50
32	20-33	David Edward Arthurs, et al	347/49	26.5
33	20-34	Columbia Gas Transmission Corporation	263/164	12.0
34	20-35	Louisa Bassett & Irvin Bassett	168/157	62.0

	Leases
Α	James Allen Sell
В	George Neason Myers, et ux
C	William R. Stalnaker
D	Shiben Estates, Inc.
E	Shiben Estates, Inc.
F	Stone Hill Mineral Holdings, LLC
G	Ridgetop Capital IV, LP
н	Debra L. Brown
1	Lydia Sims
J	Debra L. Brown
к	George David Sell
L	Kevin S. Goff, et ux
М	Shiben Estates, Inc.
N	BRC Appalachian Minerals I, LLC
0	Barbara Barker, et vir
P	Waco Oil & Gas Company Inc.
Q	Tribune Resources Minerals, LLC
R	Joan B. Hoge Trust
S	Joshua R. Edgell, et al
Т	Morris Mountaineer Oil & Gas LLC
U	BRC Appalachian Minerals I, LLC
V	Shiben Estates, Inc.
W	Antero Minerals, LLC
X	Josephine Brast, et al
Y	Shiben Estates, Inc.

FILE NO:       125-34-G-18         DRAWING NO:       Lenny Unit 1H Well Plat         SCALE:       1" = 2000'         MINIMUM DEGREE OF ACCURACY:       Submeter         PROVEN SOURCE OF ELEVATION:       WVDOT, Harrisville, WV	STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION	DATE: <u>August 4</u> 20 <u>22</u> OPERATOR'S WELL NO. <u>Lenny Unit 1H</u> API WELL NO MOP <u>47</u> — <u>103</u> — <u>03494</u> STATE <u>COUNTY</u> PERMIT
SURFACE OWNER: <u>A. Sell</u> Ridgetop C ROYALTY OWNER; James Allen Sell; William R. S PROPOSED WORK: DRILL CO PERFORATE NEW FORMATION	12' WATERSHED: Fishing Creek QUADRA vid Sell; ge Trust; Joshua R. Edgell, et al; Morris Moutaineer Oll & Gas, LLC; Antero Minerals, LLC rrker, et vir; BRC Appalachian Minerals I, LLC (2); Waco Oll & Gas Company, Inc.; aprilal IV, LP; Debra L. Brown Lydia Sims; Tribune Resources Minerals, LLC;	BHL_MOD 7,600' TVD
WELL OPERATOR: Antero Resources Con ADDRESS: 1615 Wynkoop Street Denver, CO 80202		yler Road

Operator's Well Number Lenny 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:

C. William R. Stalinaker Losse       Antero Resources Corporation       J/8+       179A/0069         D: Shiben Estates, Inc.       Antero Resources Corporation       J/8+       265A/0247         F: Stone Hill Mineral Holdings, LLC Lesse       Antero Resources Corporation       J/8+       259A/0769         G: Ridgetop Capital IV, LP       Antero Resources Corporation       J/8+       259A/0769         G: Ridgetop Capital IV, LP       Antero Resources Corporation       J/8+       215A/0616         H: Debra L Brown, Welwow       Antero Resources Corporation       J/8+       200A/0808         K: George David Sell Lesse       Antero Resources Corporation       J/8+       200A/0808         K: George David Sell Lesse       Antero Resources Corporation       J/8+       200A/0808         K: George David Sell Lesse       Antero Resources Corporation       J/8+       126A/0463         Shiben Estates, Inc.       Antero Resources Corporation       J/8+       126A/0463         M: Shiben Estates, Inc.       Antero Resources Corporation       J/8+       126A/0463         M: Shiben Estates, Inc.       BRC Working Interest Company LLC       Antero Resources Corporation       J/8+       102A/0505         RC Appalachian Minerals LUC       BRC Working Interest Company LLC       Antero Resources Corporation       J/8+       102A/0505<	Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
James Allen Sell       Antero Resources Corporation       1/8+       258A/0467         Ci William R. Stainaker       Antero Resources Corporation       1/8+       179A/0069         Di Shiben Estates, Inc. Lease Shiben Estates, Inc. Lease       Antero Resources Corporation       1/8+       255A/0247         E Stone Hill Minerals Holdings, LLC       Antero Resources Corporation       1/8+       259A/0769         Gi Ridgetop Capital IV, LP Lease Ridgetop Capital IV, LP Lease       Antero Resources Corporation       1/8+       215A/0616         H: Debra L Brown, Widow       Antero Resources Corporation       1/8+       215A/0616         H: Debra L Brown, Widow       Antero Resources Corporation       1/8+       2004/0808         K: George David Sell Lease George David Sell, a marined man dealing in his sole and separate property       Antero Resources Corporation       1/8+       2024/0505         N: Shiben Estates, Inc.       BRC Working Interest Company LLC SWN Production Company       1/8+       1024/0505         N: BRC Appalachian Minerals I, LUC Lease BRC Working Interest Company       1/8+       1024/0505         NW Production Company       Antero Resources Corporation       1/8+       1024/0505         N: BRC Appalachian Minerals I, LUC Lease BRC Working Interest Company       1/8+       1024/0505       1/8+       1024/0505         Nie BRC Appalachian Mi	A: James Allen Sell Lease			
William R. StalnakerAntero Resources Corporation1/8+179A/0069D: Shiben Estates, Inc. Lease Shiben Estates, Inc.Antero Resources Corporation1/8+255A/0247D: Shiben Estates, Inc.Antero Resources Corporation1/8+259A/0769G: Ridgetop Capital IV, UP Lease Ridgetop Capital IV, UP Lease Debra L Brown, Itase Debra L Brown, Itase Debra L Brown, widowAntero Resources Corporation1/8+215A/0616H: Debra L Brown Lesse Debra L Brown, widowAntero Resources Corporation1/8+200A/0808K: George David Sell Lesse George David Sell, a martied man dealing in his Shiben Estates, Inc. Lease Shiben Estates, Inc.Antero Resources Corporation1/8+200A/0808K: George David Sell, a martied man dealing in his Shiben Estates, Inc.Antero Resources Corporation1/8+200A/0808M: Shiben Estates, Inc.BRC Working Interest Company LLC Chesapeake Appalachia LL SWN Production Company Antero Resources Corporation1/8+102A/0505N: BRC Appalachian Minerals I, LLC BRC Working Interest Company LLC Chesapeake Appalachia LL SWN Production Company Antero Resources Corporation1/8+102A/0505SWN Production Company Chesapeake Appalachia LLC SWN Production Company Antero Resources Corporation1/8+102A/0505SWN Production Company Chesapeake Appalachia LLC 	James Allen Sell	Antero Resources Corporation	1/8+	258A/0467
D: Shiben Estates, Inc. Lesse Shiben Estates, Inc.       Antero Resources Corporation       1/8+       255A/0247         E: Stone Hill Minerals Holdings, LIC Lesse Stone Hill Minerals Holdings, LIC       Antero Resources Corporation       1/8+       259A/0769         G: Ridgetop Capital IV, LP Lesse Ridgetop Capital IV, LP       Antero Resources Corporation       1/8+       215A/0616         H: Debra L Brown, widow       Antero Resources Corporation       1/8+       200A/0808         K: George David Sell Lesse George David Sell, amarried man dealing in his sole and separate property       Antero Resources Corporation       1/8+       206A/0808         M: Shiben Estates, Inc.       Antero Resources Corporation       1/8+       200A/0808         M: Shiben Estates, Inc.       Antero Resources Corporation       1/8+       206A/0808         M: Shiben Estates, Inc. Lesse Shiben Estates, Inc.       Antero Resources Corporation       1/8+       265A/0267         M: Shiben Estates, Inc.       BRC Working Interest Company LLC Chespeake Appalachia LLC SWN Production Company Antero Exchange Properties, LLC Antero Resources Corporation       1/8+       102A/0505         M: BRC Appalachia Minerals I, LL Cesse BRC Appalachia LLC Chespeake Appalachia LLC SWN Production Company Antero Exchange Properties, LLC Antero Resources Corporation       1/8+       103A/0470         M: BRC Appalachia Minerals I, LC Cesse Barbera Barkeer, et vir Lesse Barbera Barkeer, et vir Lesse Barbera Barkeer,	C: William R. Stalnaker Lease			Sub-rail
Shiben Estates, Inc.       Antero Resources Corporation       1/8+       265A/0247         F: Stone Hill Minerals Holdings, LLC Lease Stone Hill Minerals Holdings, LLC       Antero Resources Corporation       1/8+       259A/0769         G: Ridgetop Capital IV, LP Lease Ridgetop Capital IV, LP       Antero Resources Corporation       1/8+       215A/0616         H: Debra L Brown Lease Debra L Brown, Widow       Antero Resources Corporation       1/8+       200A/0808         K: George David Sell Lease George David Sell Lease Sole and separate property       Antero Resources Corporation       1/8+       200A/0808         M: Schlen Estates, Inc.       Antero Resources Corporation       1/8+       200A/0808         K: George David Sell Lease George David Sell, amarried man dealing in his sole and separate property       Antero Resources Corporation       1/8+       176A/0463         M: Schlein Estates, Inc.       Antero Resources Corporation       1/8+       102A/0505         N: BRC Appalachian Minerals I, LLC Lease Shiben Estates, Inc.       BRC Working Interest Company LLC Chesapeake Appalachia LLC Chesapeake Appalachia LLC Chesapeake Appalachia LLC Chesapeake Appalachia LLC Chesapeake Appalachia LLC Antero Resources Corporation       1/8+       102A/0505         SWN Production Company Antero Exchange Properties, LLC Antero Resources Corporation       1/8+       102A/0505         SWN Production Company Antero Exchange Properties, LLC Antero Resources Corporation	William R. Stalnaker	Antero Resources Corporation	1/8+	179A/0069
E: Stone Hill Mineral Holdings, LLC Lesse Stone Hill Minerals Holdings, LLC       Antero Resources Corporation       1/8+       259A/0769         G: Ridgetop Capital IV, UP Lesse Ridgetop Capital IV, UP       Antero Resources Corporation       1/8+       215A/0616         H: Debra L. Brown, Vidow       Antero Resources Corporation       1/8+       191A/0321         L: Udal Sims Lesse Lydia Sims       Antero Resources Corporation       1/8+       200A/0808         K: George David Sell, emartied man dealing in his sole and separate property       Antero Resources Corporation       1/8+       1/8+         M: Shiben Estates, Inc. Lesse BNC Appalachian Minerals I, LLC Esse BNC Working Interest Company LLC Chesspeake Appalachia ILC SWN Production Company Antero Exchange Properties, LLC       1/8+       102A/0505         SWN Production Company Antero Resources Corporation       1/8+       103A/070         Nesspeake Appalachia Minerals I, LLC BNC Appalachia ILC SWN Production Company Antero Exchange Properties, LLC       1/8+       102A/0505         SWN Production Company Antero Resources Corporation       1/8+       103A/070         Strage Properties, LLC       Antero Resources Corporation       1/8+       103A/070         SWN Production Company Antero Exchange Properties, LLC       Antero Resources Corporation       1/8+       103A/070         SWN Production Company Antero Exchange Properties, LLC       BRC Working Interest Company LLC	D: Shiben Estates, Inc. Lease		1/01	2654/0247
Stone Hill Minerals Holdings, LLC     Antero Resources Corporation     1/8+     259A/0769       G: Ridgetop Capital IV, LP Lesse Ridgetop Capital IV, LP     Antero Resources Corporation     1/8+     215A/0616       H: Debra L Brown, widow     Antero Resources Corporation     1/8+     191A/0321       L: Lydia Sims Lease Debra L Brown, widow     Antero Resources Corporation     1/8+     200A/0808       K: George David Sell Lease George David Sell, a married man dealing in his sole and separate property     Antero Resources Corporation     1/8+     265A/0267       M: Shiben Estates, Inc.     Antero Resources Corporation     1/8+     265A/0267       N: BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company LLC Chesapeake Appalachia LLC SWN Production Company Antero Exchange Properties, LLC Antero Resources Corporation     1/8+     102A/0505       D: BrC Appalachian Minerals I, LLC Ease BRC Working Interest Company LLC Chesapeake Appalachia LLC SWN Production Company Antero Exchange Properties, LLC Antero Resources Corporation     Merger     0013/0311       D: Brc Appalachian Minerals I, LLC Bestoare Barker, et vir BRC Appalachian Minerals I, LLC BRC Working Interest Company LLC Chesapeake Appalachia LLC SWN Production Company Antero Exchange Properties, LLC Antero Resources Corporation     1/8+     102A/0505       N: BRC Appalachian Minerals I, LLC BRC Working Interest Company LLC Chesapeake Appalachia	Shiben Estates, Inc.	Antero Resources Corporation	1/04	2054/024/
G: Ridgetop Capital IV, LP Lease Ridgetop Capital IV, LP       Antero Resources Corporation       1/8+       215A/0616         H: Debra L. Brown, Widow       Antero Resources Corporation       1/8+       191A/0321         Et Vidia Sims Lease Lydia Sims Lease       Antero Resources Corporation       1/8+       200A/0808         K: George David Sell Lease George David Sell Lease       Antero Resources Corporation       1/8+       200A/0808         K: George David Sell Lease Sole and separate property       Antero Resources Corporation       1/8+       176A/0463         M: Shiben Estates, Inc.       Antero Resources Corporation       1/8+       265A/0267         N: BRC Appalachian Minerals I, LLC Lease Shiben Estates, Inc.       BRC Working Interest Company LLC Chesppeake Appalachia LLC SWN Production Company Antero Exchange Properties, LLC       1/8+       102A/0505         SNL Hero Resources Corporation       J/8+       102A/0505       1/7A/0540         SWN Production Company Antero Exchange Properties, LLC       Assignment Antero Resources Corporation       Merger       0013/0470         Chaspeake Appalachia Minerals I, LLC Lease BRC Appalachian Minerals I, LLC       BRC Working Interest Company Antero Exchange Properties, LLC       Assignment Assignment       177A/0533         SWN Production Company Antero Exchange Properties, LLC       Antero Resources Corporation       J/8+       102A/0505         BRC Appa	F: Stone Hill Mineral Holdings, LLC Lease			200304-003
Ridgetop Capital IV, LP     Antero Resources Corporation     1/8+     215A/0616       H: Debra L. Brown Lease Debra L. Brown, widow     Antero Resources Corporation     1/8+     191A/0321       I: Lydia Sims Lease Dedra L. Brown, widow     Antero Resources Corporation     1/8+     200A/0808       K: George David Sell, a married man dealing in his sole and separate property     Antero Resources Corporation     1/8+     265A/0463       M: Shiben Estates, Inc. Lease Shiben Estates, Inc.     Antero Resources Corporation     1/8+     265A/0267       N: BRC Appalachian Minerals I, LLC Ease BRC Appalachian Minerals I, LLC Company LLC     BRC Working Interest Company LLC     1/8+     102A/0505       Chesapeake Appalachia LC     SWN Production Company     Assignment     103A/0470       Chesapeake Appalachia LLC     Antero Resources Corporation     Merger     0013/0311       Distribution Company     Antero Resources Corporation     Merger     0013/0311       SWN Production Company     Antero Resources Corporation     Merger     0013/0311       Chesapeake Appalachia LLC     Antero Resources Corporation	Stone Hill Minerals Holdings, LLC	Antero Resources Corporation	1/8+	259A/0769
H: Debra L. Brown, widow       Antero Resources Corporation       1/8+       191A/0321         I: Uvdia Sims Lease Lydia Sims       Antero Resources Corporation       1/8+       200A/0808         K: George David Sell, amarried man dealing in his Sole and separate property       Antero Resources Corporation       1/8+       200A/0808         M: Shibon Estates, Inc.       Antero Resources Corporation       1/8+       1/8+       265A/0463         N: Shibon Estates, Inc.       Antero Resources Corporation       1/8+       265A/0463         N: Shibon Estates, Inc.       Antero Resources Corporation       1/8+       265A/0267         N: BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company LLC       1/8+       102A/0505         NUN Production Company VNN Production Company NNN Production Company Antero Exchange Properties, LLC       Antero Resources Corporation       1/8+         O: Barbara Barker, et vir Lease Barbara Barker, et vir Lease B	G: Ridgetop Capital IV, LP Lease		75.2	ALC: NOTICE
Debra L. Brown, widowAntero Resources Corporation1/8+191A/0321I: Lydia Sims Lease Lydia Sims Lease George David Sell Lease George David Sell Lease George David Sell Lease Sole and separate propertyAntero Resources Corporation1/8+200A/0808M: Shiben Estates, Inc.Antero Resources Corporation1/8+176A/0463M: Shiben Estates, Inc.Antero Resources Corporation1/8+265A/0267N: BRC Appalachian Minerals I, LLC Estates BRC Working Interest Company LLCN/8+102A/0505SWN Production Company Antero Eschange Properties, LLCAntero Resources Corporation1/8+102A/0505SWN Production Company Antero Eschange Properties, LLCAssignment103A/0470O: Barbara Barker, et virAntero Resources Corporation1/8+102A/0505N: BRC Appalachian Minerals I, LLC Eschange Properties, LLCAssignment177A/0533SWN Production Company Antero Eschange Properties, LLCAssignment177A/0533Antero Resources Corporation1/8+102A/0505SWN Production Company Antero Eschange Properties, LLCAssignment177A/0533Antero Resources Corporation1/8+102A/0505BrC Working Interest Company LLC1/8+102A/0505BrC Working Interest Company LLC1/8+102A/0505<	Ridgetop Capital IV, LP	Antero Resources Corporation	1/8+	215A/0616
I: Lydia Sims Lease Lydia Sims       Antero Resources Corporation       1/8+       200A/0808         K: George David Sell, a married man dealing in his sole and separate property       Antero Resources Corporation       000000000000000000000000000000000000	H: Debra L. Brown Lease			
Lydia SimsAntero Resources Corporation1/8+200A/0808K: George David Sell Lease George David Sell, a married man dealing in his sole and separate propertyAntero Resources Corporation1/8+176A/0463M: Shiben Estates, Inc. Lease Shiben Estates, Inc.Antero Resources Corporation1/8+265A/0267M: Shiben Estates, Inc.Antero Resources Corporation1/8+020/0505BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company LLC1/8+102A/0505BRC Working Interest CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment177A/0533Antero Exchange Properties, LLCAntero Resources CorporationMerger0013/0311O: Barbara Barker, et vir Lease Barbara Barker, et virBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLCBRC Working Interest Company LLCAssignment1/8+102A/0505Or Barbara Barker, et virAntero Resources CorporationMerger0013/0311O: Barbara Barker, et virBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLC Lease Barbara Barker, et virBRC Working Interest Company LLC1/8+102A/0505Chesapeake Appalachia Minerals I, LLCBRC Working Interest Company LLC1/8+102A/0505SWN Production CompanyAntero Resources Corporation1/8+102A/0505SWN Wright Interest Company LLC </td <td>Debra L. Brown, widow</td> <td>Antero Resources Corporation</td> <td>1/8+</td> <td>191A/0321</td>	Debra L. Brown, widow	Antero Resources Corporation	1/8+	191A/0321
K: George David Sell Lease George David Sell, a married man dealing in his sole and separate property       Antero Resources Corporation       1/8+       176A/0463         M: Shiben Estates, Inc. Lease Shiben Estates, Inc.       Antero Resources Corporation       1/8+       265A/0267         N: BRC Appalachian Minerals I, LLC Lease BRC Appalachian Minerals I, LLC       BRC Working Interest Company LLC       1/8+       102A/0505         N: BRC Appalachian Minerals I, LLC       BRC Working Interest Company LLC       1/8+       103A/0470         Chesapeake Appalachia LLC       SWN Production Company       Antero Exchange Properties, LLC       Assignment       157A/0540         WN Production Company       Antero Resources Corporation       Merger       0013/0311         O: Berbara Barker, et vir Lease Barbara Barker, et vir       Antero Resources Corporation       1/8+       192A/0505         N: BRC Appalachian Minerals I, LLC       BRC Working Interest Company LLC       Antero Resources Corporation       Merger       0013/0311         O: Berbara Barker, et vir Lease Barbara Barker, et vir       ERC Working Interest Company LLC       1/8+       192A/0505         N: BRC Appalachian Minerals I, LLC       BRC Working Interest Company LLC       1/8+       102A/0505         Roc Appalachian Minerals I, LLC       BRC Working Interest Company LLC       1/8+       102A/0505         N: BRC Appalachian Min	1: Lydia Sims Lease			
N: BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company LLC1/8+102A/0505BRC Morking Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment177A/0533Antero Exchange Properties, LLCAntero Resources CorporationMerger0013/0311O: Barbara Barker, et virLeaseAntero Resources Corporation1/8+185A/0219N: BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLCBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLCSWN Production CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production Company1/8+102A/0505BRC Working Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0540	Lydia Sims	Antero Resources Corporation		200A/0808
N: BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company LLC1/8+102A/0505BRC Morking Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment177A/0533Antero Exchange Properties, LLCAntero Resources CorporationMerger0013/0311O: Barbara Barker, et virLeaseAntero Resources Corporation1/8+185A/0219N: BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLCBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLCSWN Production CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production Company1/8+102A/0505BRC Working Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0540	K: George David Sell Lease		Cae	
N: BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company LLC1/8+102A/0505BRC Morking Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment177A/0533Antero Exchange Properties, LLCAntero Resources CorporationMerger0013/0311O: Barbara Barker, et virLeaseAntero Resources Corporation1/8+185A/0219N: BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLCBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLCSWN Production CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production Company1/8+102A/0505BRC Working Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0540	George David Sell, a married man dealing in his	Antero Resources Corporation	0E/07 1/8+	176A/0463
N: BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company LLC1/8+102A/0505BRC Morking Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment177A/0533Antero Exchange Properties, LLCAntero Resources CorporationMerger0013/0311O: Barbara Barker, et virLeaseAntero Resources Corporation1/8+185A/0219N: BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLCBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLCSWN Production CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production Company1/8+102A/0505BRC Working Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0540	sole and separate property			
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N: BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company LLC1/8+102A/0505BRC Morking Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment177A/0533Antero Exchange Properties, LLCAntero Resources CorporationMerger0013/0311O: Barbara Barker, et virLeaseAntero Resources Corporation1/8+185A/0219N: BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLCBRC Working Interest Company LLC1/8+102A/0505BRC Appalachian Minerals I, LLCSWN Production CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production Company1/8+102A/0505BRC Working Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0540	Shiben Estates, Inc.	Antero Resources Corporation	1/8+	265A/0267
BRC Working Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment177A/0533Antero Exchange Properties, LLCAntero Resources CorporationMerger0013/0311O: Barbara Barker, et vir Lease Barbara Barker, et virAntero Resources Corporation1/8+185A/0219N: BRC Appalachian Minerals I, LLC Lease BRC Appalachian Minerals I, LLCBRC Working Interest Company LLC1/8+102A/0505BRC Working Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment103A/0470BRC Working Interest Company LLCSWN Production CompanyAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment157A/0533	N: BRC Appalachian Minerals I, LLC Lease			
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Antero Exchange Properties, LLCAntero Resources CorporationMerger0013/0311O: Barbara Barker, et vir Lease Barbara Barker, et virAntero Resources Corporation1/8+185A/0219N: BRC Appalachian Minerals I, LLC Lease BRC Appalachian Minerals I, LLCBRC Working Interest Company LLC1/8+102A/0505BRC Working Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment177A/0533	Chesapeake Appalachia LLC	SWN Production Company	Assignment	157A/0540
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BRC Working Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment177A/0533	N: BRC Appalachian Minerals I, LLC Lease			
BRC Working Interest Company LLCChesapeake Appalachia LLCAssignment103A/0470Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment177A/0533	BRC Appalachian Minerals I, LLC	BRC Working Interest Company LLC	1/8+	102A/0505
Chesapeake Appalachia LLCSWN Production CompanyAssignment157A/0540SWN Production CompanyAntero Exchange Properties, LLCAssignment177A/0533	BRC Working Interest Company LLC	Chesapeake Appalachia LLC		103A/0470
SWN Production Company Antero Exchange Properties, LLC Assignment 177A/0533	Chesapeake Appalachia LLC	SWN Production Company		
	SWN Production Company			
	Antero Exchange Properties, LLC			

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Operator's Well Number Lenny 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
P: Waco Oil & Gas Company Inc Lease Waco Oil & Gas Company Inc	Antero Resources Corporation	1/8+	184A/0741
Q: Tribune Resources Minerals, LLC Lease Tribune Resources Minerals, LLC Tribune Resources, LLC	Tribune Resources, LLC Antero Resources Corporation	1/8+ Assignment	218A/0803 <b>219A/0322</b>
mbane resources, EC		Assignment	
<u>P: Waco Oil &amp; Gas Company Inc Lease</u> Waco Oil & Gas Company Inc	Antero Resources Corporation	1/8+	184A/0741
<u>R: Joan B. Hoge Trust Lease</u> The Joan B. Hoge Trust	Antero Resources Corporation	1/8+	219A/0200
<u>S: Joshua R. Edgell, et al Lease</u> Joshua R. Edgell, DSSP and Robin F. Moore	Antero Resources Corporation	1/8+	191A/0370
<u>T: Morris Mountaineer Oil &amp; Gas LLC Lease</u> Morris Mountaineer Oil & Gas LLC	Antero Resources Corporation	1/8+	257A/0400
U: BRC Appalachian Minerals I, LLC Lease		5 4/0	1024/0505
BRC Appalachian Minerals I, LLC	BRC Working Interest Company LLC		102A/0505
BRC Working Interest Company LLC Chesapeake Appalachia LLC	Chesapeake Appalachia LLC	1/8+ 2005 essignment 1/8+ 2005 essignment	103A/0470 157A/0540
SWN Production Company	SWN Production Company	∼ en Assignment	137A/0540 177A/0533
Antero Exchange Properties, LLC	BRC Working Interest Company LLC Chesapeake Appalachia LLC SWN Production Company Antero Exchange Properties, LLC Antero Resources Corporation	Merger	0013/0311
		AUG	
V: Shiben Estates, Inc. Lease	Č.	A vire	
Shiben Estates, Inc.	Antero Resources Corporation	j 1/8+	198A/0540
<u>W: Antero Minerals, LLC Lease</u> Antero Minerals, LLC	Antero Resources Corporation	1/8	0481/0515
X: Josephine Brast, et al Lease			
Josephine Brast, et al	South Penn Oil Company	1/8	0049/0059
South Penn Oil Company	Hope Natural Gas Company	Assignment	0 9A/0230
Hope Natural Gas Company	Consolidated Gas Supply Corporation	Assignment	0233/0387
Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	066A/0069
Consolidated Gas Transmission Corporation	CNG Transmission Corporation	Name Change	0013/0151
CNG Transmission Corporation	Eastern States Oil & Gas Inc	Assignment	076A/0232
Eastern States Oil & Gas Inc	Equitable Production-Eastern States Inc	Name Change	0013/0014
Equitable Production-Eastern States Inc	Equitable Production Company	Merger	0013/0014
Equitable Production Company	EQT Production Company	Name Change	0013/0014
EQT Production Company	Tribune Resources successor in interest of Ascent Resources-Marcellus LLC fka American Energy- Marcellus LLC	Assignment	179A/0653 08/26/2022

Operator's Well Number Lenny 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
Tribune Resources successor in interest of Ascent Resources-Marcellus LLC fka American Energy-Marcellus LLC	Antero Resources Corporation	Assignment	219A/0322

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WV Deparament of Environmental Protection

\*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.

WW-6A1 (5/13) Operator's Well No. Lenny 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)

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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:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Y: Shiben Estates, Inc. Lease				
	Shiben Estates, Inc.	Antero Resources Corporation	1/8+	198A/0540

\*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.

RECEIVED Office of Oil and Cas

AUG 1 1 2022

MS/ Department of Environmental Protection

### 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 (m lein	
Its:	Senior VP of Land	

Page 1 of 1

08/26/2022



Stansberry, Wade A <wade.a.stansberry@wv.gov>

#### Modification Horizontal H6A Well Work Permits API: (47-103-03492, 03494, 03495, 03496, & 03497) <sup>1 message</sup>

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Tue, Aug 23, 2022 at 5:53 PM

To: Mallory Stanton <mstanton@anteroresources.com>, Diane Blair <dblair@anteroresources.com>, Dani DeVito <ddevito@shalepro.com>, Scott Lemley <slemley@wvassessor.com>, "Greynolds, Kenneth L" <kenneth.l.greynolds@wv.gov>

I have attached a copy of the newly issued well permit numbers:

47-103-03492 - ECKLEBERRY UNIT 1H 47-103-03494 - LENNY UNIT 1H 47-103-03495 - LENNY UNIT 2H 47-103-03496 - READER 1H 47-103-03497 - READER 2H

These will serve as your copy.

Thank you,

Wade A. Stansberry

**Environmental Resource Specialist 3** 

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

5 attachments

- 47-103-03492 mod.pdf 1310K
- ₱ 47-103-03494 mod.pdf 1287K
- 47-103-03495 mod.pdf 1225K
- 47-103-03496 mod.pdf 1243K
- 47-103-03497 -mod.pdf 1185K