

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

Monday, August 2, 2021 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for BLAKE UNIT 1H

47-103-03403-00-00

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.

James A. Martin

Chief

Operator's Well Number: BLAKE UNIT 1H

Farm Name: WILLIAM L. & DELORES J. GADD

U.S. WELL NUMBER: 47-103-03403-00-00

Horizontal 6A New Drill

Date Modification Issued: August 2, 2021

Promoting a healthy environment.

WW-6B (04/15) CH# 23/4/1
5000 1/9/21

API NO. 47- 095 - 03403

OPERATOR WELL NO. Blake Unit 1H MOD

Well Pad Name: Gadd Pad

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

1) Well Operator: Antero Reso	urces Corpora	494507062	103-Wetzel	Green /	Porters Falls 7.5
		Operator ID	County	District	Quadrangle
2) Operator's Well Number: Blak	ke Unit 1H MOD	Well Pad	Name: Gadd	Pad /	
3) Farm Name/Surface Owner: W	/illiam L. & Delores J	. Gadd Public Road	d Access: Eigh	ntmile Road	<u>d</u>
4) Elevation, current ground: 1	223.8' Ele	evation, proposed p	oost-construction	on: <u>~1223</u> .	8
5) Well Type (a) Gas X	Oil	Unde	rground Storag	ge)
Other				RECEIVED	d Gas
(b)If Gas Shall	low X	Deep		JUL 29	2021
Horiz	zontal X				·
6) Existing Pad: Yes or No Yes			•	WV Departn invironmental	Protection
7) Proposed Target Formation(s), Marcellus Shale: 7400' TVD, An	• • •	-	nd Expected Pr	ressure(s):	
8) Proposed Total Vertical Depth	•				
9) Formation at Total Vertical De		3			
10) Proposed Total Measured Dep	pth: 21300'				
11) Proposed Horizontal Leg Len	gth: 12265'				
12) Approximate Fresh Water Str	rata Depths:	350' /			
13) Method to Determine Fresh V	Water Depths: 4	17-095-02266			
14) Approximate Saltwater Depth	ns: 1887', 1917	1			
15) Approximate Coal Seam Dep	ths: 656', 971'				
16) Approximate Depth to Possib	ole Void (coal mi	ne, karst, other):	None Anticipat	ted	
17) Does Proposed well location of directly overlying or adjacent to a		ns Yes	No	X	
(a) If Yes, provide Mine Info:	Name:				
•	Depth:				
	Seam:				
	Owner:				

PI NO. 47-	095	_	03403
------------	-----	---	-------

OPERATOR WELL NO. Blake Unit 1H MOD

Well Pad Name: Gadd 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#	80	80	CTS, 86 Cu. Ft.
Fresh Water	13-3/8"	New	J-55	54.5#	400 *see #19	400 *see #19	CTS, 556 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#	21300	21300 /	5449 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

Buyan Parin 7-28-21

ТҮРЕ	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	~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"	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							

Office of Oil and Gas

JUL 2 9 2021

PACKERS

WV Departmant of milronmental Protection

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

API NO. 47- 095	03403	
OPERATOR WEL	L NO.	Blake Unit 1H MOD
Well Pad Name	: Gadd	Pad

19)	Describe	proposed	well v	work,	including	the dril	ling and	plugging	back o	of any p	ilot hole:	

Drill a new horizontal shallow well into the 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): 34. 16 PACTE SIDE OF THE PROPERTY OF THE
- 22) Area to be disturbed for well pad only, less access road (acres): 17.00 acres JUL 2 1 2021
- 23) Describe centralizer placement for each casing string:

WV Department of Environmental Protection

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:

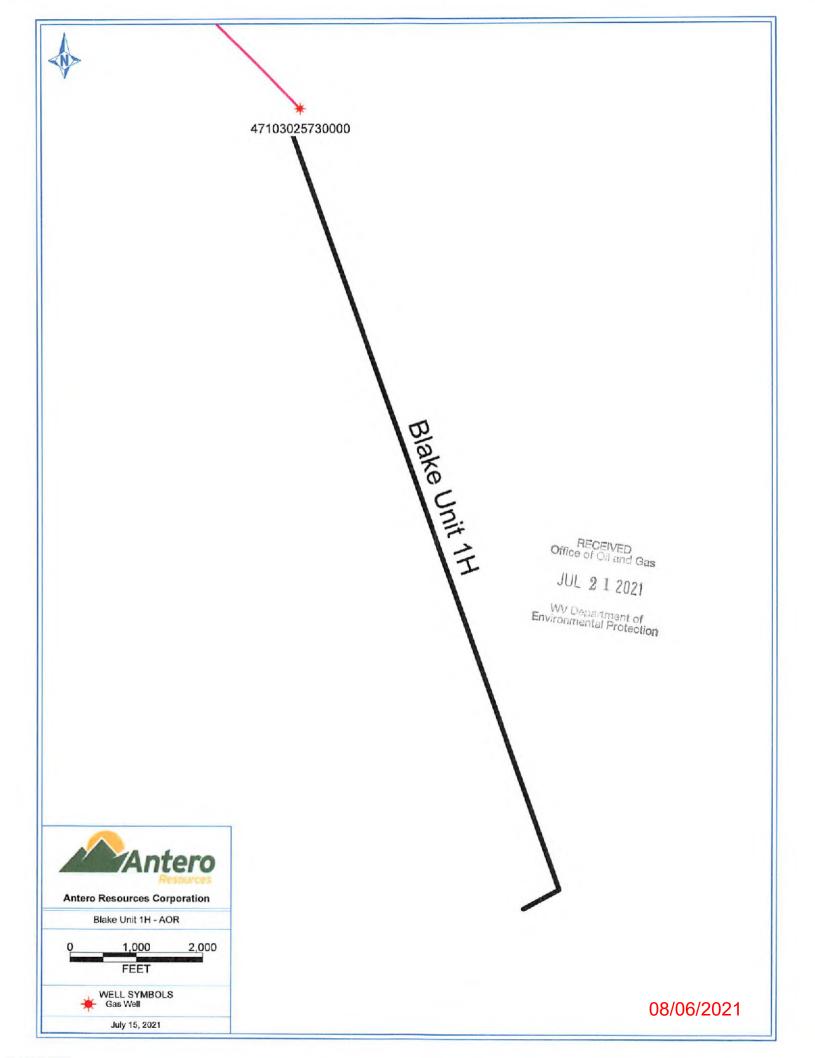
Conductor: no additives. Class A cement.

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

25) Proposed borehole conditioning procedures:

*Note: Attach additional sheets as needed.



UWI (APINum)	Well Name	Well Number	Operator	Hist Oper	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
47103025730000	WEEKLEY UNIT 1	1H	EQT PRODUCTION CO	STONE ENERGY CORP	10,470		Marcellus	

WV Department of Environmental Protection

Office of Oil and Gas

JUL 2 1 2021

WV Department of

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
A	Shiben Estates Inc. Lease (TM 16 PCL 22)	Author December Comment to	4/0.	0176/0467
~	Shiben Estates Inc.	Antero Resources Corporation	1/8+	0170/0407
/ .	John W. Bertram Lease			
U	John W. Bertram	Antero Resources Corporation	1/8+	0184/0660
	BRC Appalachian Minerals LLC Lease			' •
_	BRC Appalachian Minerals LLC	Chesapeake Appalachia LLC	Assignment	0103/0470
\mathcal{D}	Chesapeake Appalachia LLC	SWN Production Company	Assignment	0157/0540
	SWN Production Company	Antero Exchange Properties LLC	Assignment	0177/0533
	Antero Exchange Properties LLC	Antero Resources Corporation	Merger	0013/0311
<u>ب</u>	Gordon Cummings Lease			
É	Gordon Cummings	Antero Resources Corporation	1/8+	0193/0001
_	Thomas E. Morris Lease		RECEIVED Office of Oil and Gas	
G	Thomas E. Morris	Antero Resources Corporation	1/8+	0162/0479
				·
	Chesapeake Appalachian LLC Lease		JUL 2 1 2021	
1	Chesapeake Appalachian LLC	SWN Production Company	1/8 1/1/ []	0157/0640
•	SWN Production Company	Antero Exchange Properties LLC	1/8 WV Department of Assignment vironmental Protection	0177/0533
	Antero Exchange Properties LLC	Antero Resources Corporation	Merger	0013/0311
	P&P Fujimo LLC Lease			
لہ	P&P Fujimo LLC	Antero Resources Corporation	1/8+	0179/0606
	•	·	•	
	James Gail Morgan Jr. Lease			
1.	Chesapeake Appalachian LLC	SWN Production Company	Assignment	0157/0640
	SWN Production Company	Antero Exchange Properties LLC	Assignment	0177/0533
	Antero Exchange Properties LLC	Antero Resources Corporation	Merger	0013/0311
_	Shiben Estates Inc. Lease (TM 13 PCL 27)			
M	Shiben Estates Inc.	Antero Resources Corporation	1/8+	0176/0467
		• • • • • • • • • • • • • • • • • • • •	•	-
N	WV Division of Natural Resources Lease			
•	WV Division of Natural Resources	Antero Resources Corporation	1/8+	0206/0420
A	Stone Hill Minerals Holdings Lease			
Q	Stone Hill Minerals Holdings	Antero Resources Corporation	1/8	0212/0378

^{*}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.

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
R	Bounty Minerals Lease Bounty Minerals	Antero Resources Corporation	1/8+	0188/0511
P	<u>Danald VanDyke Lease</u> Donald VanDyke Stone Energy Corporation EQT Production Company	Stone Energy Corporation EQT Production Company Antero Resources Corporation	1/8+ Assignment Assignment	108A/916 183A/305 230A/801
5	Kenneth Gary Himelrick et ux Lease Kenneth Gary Himelrick et ux	Antero Resources Corporation	1/8+	166A/162
√	CSX Transportation Inc Lease CSX Transportation Inc	Antero Resources Corporation	1/8	166A/162
7	Rita Cain Sherman Lease Rita Cain Sherman Central Michigan Exploration LLC Stone Energy Corporation EQT Production Company	Central Michigan Exploration LLC Stone Energy Corporation EQT Production Company Antero Resources Corporation	1/8 Assignment Assignment Assignment	103A/381 102A/869 183A/305 230A/801

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
v	Richards Resources Lease	Richards Resources	Antero Resources Corporation	1/8+	173A/109

*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.

Office of Oil and Gas

JUL 2 1 2021

WV 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:

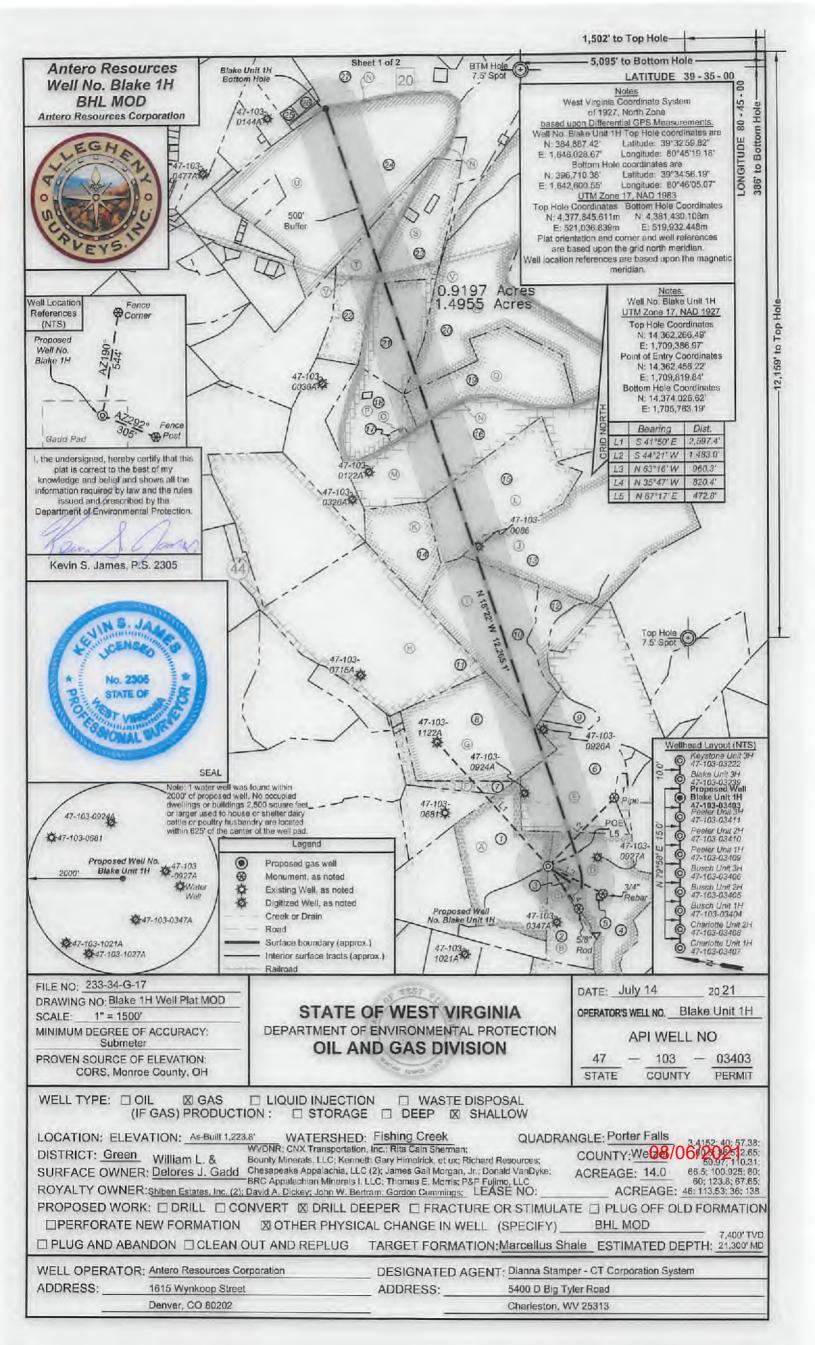
- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

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

VP of Land



Antero Resources Well No. Blake 1H BHL MOD

Antero Resources Corporation



ID	TM/Par	Owner	Bk/Pg	Acres
1	16-22	William L. & Delores J. Gadd	348/169	60.50
2	16-30	William L. & Delores J. Gadd	348/169	14,00
3	16-31	William L. & Delores J. Gadd	348/169	2.65
4	16-23	Kenneth E. Butler	331/110	50.97
5	16-23.1	Wetzel County Public Service District 1	433/851	0.23
6	16-10	Loren & Shirley Haught	444/434	100.48
7	16-21.3	Mildred E. Caseman	WB45/396	12.00
8	16-9	Richard A. & Susan L. Gardner	341/281	66.50
9	16-10.2	Loren & Shirley Haught	422/699	6.78
10	12-56	Ronald K. Burgess	WB25/275	69.37
11	12-55	Bradley W. Ueltschy	330/37	100.00
12	13-86	William C. & Alice Raye Burgess	278/483	11.13
13	13-41	Shari D. Burgess	432/665	95.08
14	12-41	Robert W. & Bradley W. Ueltschy	341/261	29.00
15	12-51	James Gail Morgan, Jr.	300/3	60.00
16	13-27	Donald P. Vandyke & Mark L. Vandyke	410/241	123.80
17	12-42.2	Donald P.Vandyke & Mark L. Vandyke	410/241	1.00
18	12-42	Donald P. Vandyke & Mark L. Vandyke	410/241	29.65
19	12-58	Donald P. Vandyke & Mark L. Vandyke	425/472	46.00
20	12-33	Kevin E. & Carol L. Cunningham	397/533	84.68
21	12-32	Donald P. Vandyke & Mark L. Vandyke	410/241	38.00
22	12-31	Bruce Allen Lawhorne, et al	419/878	40.00
23	12-12	Jenny L. Dinsmore & Mary E. Carpenter	452/85	33.75
24	12-11	Timothy L. & Michael A. McDiffitt	385/189	131.3
25	8-35	George Woolter	286/203	1.00
26	8-36.1	Agenes M. Ice	367/290	2.00
27	8-36	Holbert W. Carrel Sr.	416/390	72.68

	Leases
Α	Shiben Estates, Inc.
В	David A. Dickey
C	John W. Bertram
D	BRC Appalachian Minerals I, LLC
E	Gordon Cummings
F	Sielger Family Trust
G	Thomas E. Morris
Н	Lee & Hall Royalties
1	Chesapeake Appalachia, LLC
J	P&P Fujimo, LLC
K	Bradley Warren Ueltschy
L	James Gail Morgan, Jr.
M	Shiben Estates, Inc.
N	WV Division of Natural Resources
0	Donald VanDyke
P	Donald VanDyke
Q	Stone Hill Minerals Holdings, LLC
R	Bounty Minerals, LLC
S	Kenneth Gary Himelrick, et ux
T	Rita Cain Sherman
U	Richards Resources
V	CSX Transportation, Inc.

FILE NO: 233-34-G-17
DRAWING NO: Blake 1H Well Plat MOD
SCALE: 1" = 1500'

MINIMUM DEGREE OF ACCURACY: Submeter

PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

Denver, CO 80202

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: July 14 20 21

OPERATOR'S WELL NO. Blake Unit 1H

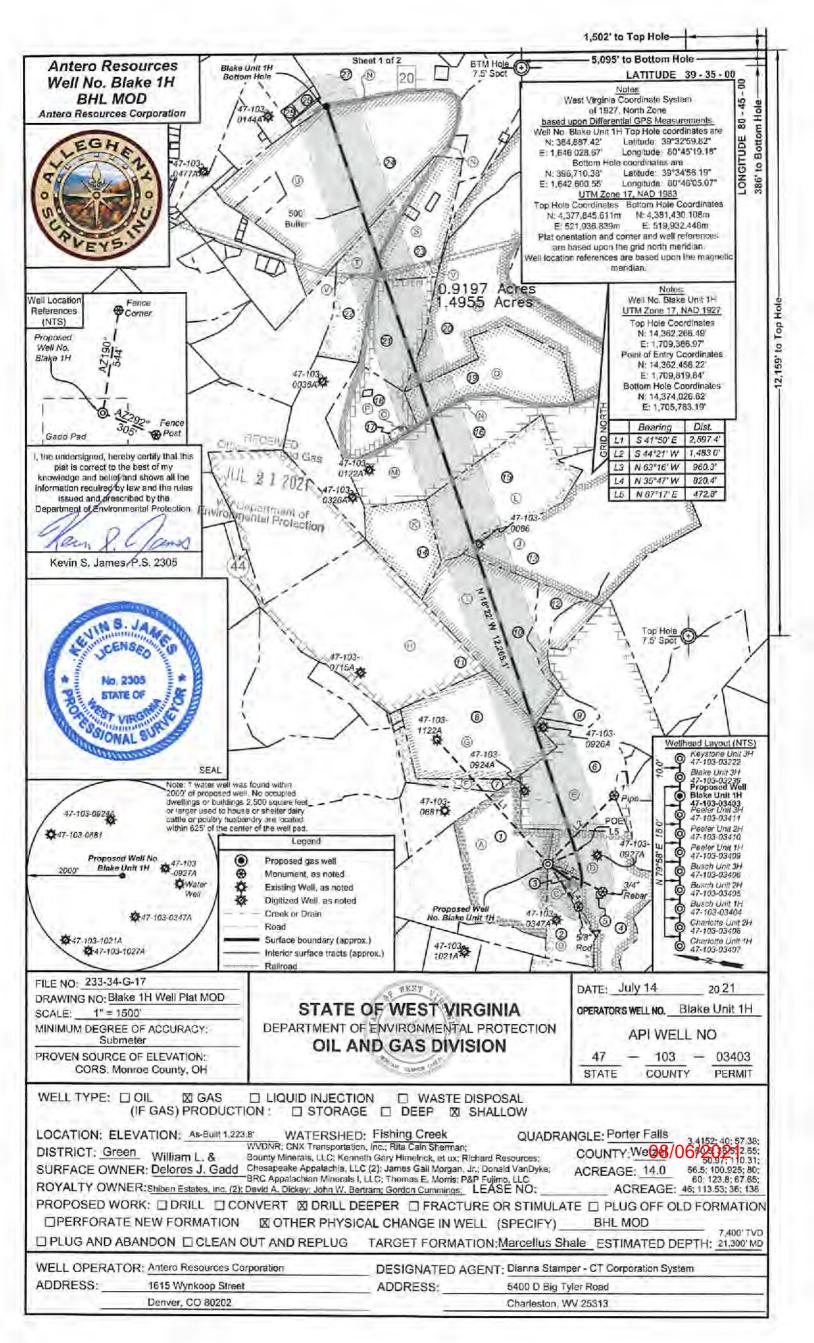
API WELL NO

47 — 103 — 03403

STATE COUNTY PERMIT

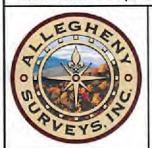
Charleston, WV 25313

WELL TYPE: ☐ OIL ☑ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL (IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☑ SHALLOW
LOCATION: ELEVATION: As-Built 1,223.8' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls 3,4152: 40: 57.38: DISTRICT: Green William L. & WVDNR; CNX Transportation, Inc.; Rita Cain Sherman; Bounty Minerals, LLC; Kenneth Gary Himelrick, et ux; Richard Resources; COUNTY: We@6/06/202: 2.65: 50.97:110.31: Chesapeake Appalachia, LLC (2); James Gail Morgan, Jr.; Donald VanDyke; BRC Appalachian Minerals I, LLC; Thomas E, Morris; P&P Fujimo, LLC ROYALTY OWNER: Shiben Estates, Inc. (2); David A, Dickey; John W, Bertram; Gordon Cummings; LEASE NO: ACREAGE: 46: 113.53; 36: 138
PROPOSED WORK: □ DRILL □ CONVERT ☒ DRILL DEEPER □ FRACTURE OR STIMULATE □ PLUG OFF OLD FORMATION □ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD □ PLUG AND ABANDON □ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,300° MD
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road



Antero Resources Well No. Blake 1H **BHL MOD**

Antero Resources Corporation





ID	TM/Par	Owner	Bk/Pg	Acres
1	16-22	William L. & Delores J. Gadd	348/169	60.50
2	16-30	William L. & Delores J. Gadd	348/169	14.00
3	16-31	William L. & Delores J. Gadd	348/169	2.65
4	16-23	Kenneth E. Butler	331/110	50.97
5	16-23.1	Wetzel County Public Service District 1	433/851	0.23
6	16-10	Loren & Shirley Haught	444/434	100.48
7	16-21,3	Mildred E. Caseman	WB45/396	12.00
8	16-9	Richard A. & Susan L. Gardner	341/281	66.50
9	16-10.2	Loren & Shirley Haught	422/699	6.78
10	12-56	Ronald K. Burgess	WB25/275	69.37
11	12-55	Bradley W. Ueltschy	330/37	100.00
12	13-86	William C. & Alice Raye Burgess	278/483	11.13
13	13-41	Shari D. Burgess	432/665	95.08
14	12-41	Robert W. & Bradley W. Ueltschy	341/261	29.00
15	12-51	James Gail Morgan, Jr.	300/3	60.00
16	13-27	Donald P. Vandyke & Mark L. Vandyke	410/241	123.80
17	12-42.2	Donald P.Vandyke & Mark L. Vandyke	410/241	1.00
18	12-42	Donald P. Vandyke & Mark L. Vandyke	410/241	29.65
19	12-58	Donald P. Vandyke & Mark L. Vandyke	425/472	46.00
20	12-33	Kevin E. & Carol L. Cunningham	397/533	84.68
21	12-32	Donald P. Vandyke & Mark L. Vandyke	410/241	38.00
22	12-31	Bruce Allen Lawhorne, et al.	419/878	40.00
23	12-12	Jenny L. Dinsmore & Mary E. Carpenter	452/85	33.75
24	12-11	Timothy L. & Michael A. McDiffitt	385/189	131,34
25	8-35	George Woofler	286/203	1.00
26	8-36.1	Agenes M. Ice	367/290	2.00
27	8-36	Holbert W. Carrel Sr.	416/390	72.68

	Leases
A	Shiben Estates, Inc.
В	David A. Dickey
C	John W. Bertram
D	BRC Appalachian Minerals I, LLC
E	Gordon Cummings
F	Sielger Family Trust
G	Thomas E. Morris
Н	Lee & Hall Royalties
1	Chesapeake Appalachia, LLC
J	P&P Fujimo, LLC
K	Bradley Warren Ueltschy
L	James Gail Morgan, Jr.
M	Shiben Estates, Inc.
N	WV Division of Natural Resources
0	Donald VanDyke
P	Donald VanDyke
Q	Stone Hill Minerals Holdings, LLC
R	Bounty Minerals, LLC
S	Kenneth Gary Himelrick, et ux
T	Rita Cain Sherman
U	Richards Resources
٧	CSX Transportation, Inc.

FILE NO: 233-34-G-17 DRAWING NO: Blake 1H Well Plat MOD SCALE: ___ 1" = 1500"

MINIMUM DEGREE OF ACCURACY: Submeter

PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

WEST ! STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION

DATE: July 14 20 21 OPERATOR'S WELL NO. Blake Unit 1H API WELL NO

- 103 - 03403 COUNTY PERMIT STATE

Charleston, WV 25313

WELL TYPE: ☐ OIL 図 GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL (IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☑ SHALLOW	
LOCATION: ELEVATION: As-Built 1,223.8' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls DISTRICT: Green William L. & WVDNR; CNX Transportation, Inc.; Rita Cain Sherman: Bounty Minerals, LLC; Kenneth Gary Himelrick, et us; Richard Resources; COUNTY: Wer Color Chesapeake Appalachia, LLC (2); James Gail Morgan, Jr.; Donald VanDyke; BRC Appalachian Minerals I, LLC; Thomas E, Morris; P&P Fujimo, LLC ROYALTY OWNER: Shiban Estates, Inc. (2); David A, Dickey; John W, Bertram; Gordon Cummings; LEASE NO: PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OL PERFORATE NEW FORMATION DOTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD	66.5; 100.925; 80; 60; 123.8; 67.65; 46; 113.53; 36; 138 D FORMATION
□ PLUG AND ABANDON □ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DE	7,400' TVD PTH: 21,300' MD
WELL OPERATOR: Anlero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System ADDRESS: 5400 D Big Tyler Road	am
Denver, CO 80202 Charleston, WV 25313	



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

Expedited Modification H6A Horizontal Well Work Permit (API: 47-103-03403)

1 message

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

Tue, Aug 3, 2021 at 7:26 AM

To: Mallory Stanton <mstanton@anteroresources.com>, Dani DeVito <ddevito@shalepro.com>

I have attached a copy of the newly issued well permit number "BLAKE UNIT 1H", API (47-103-03403). This will serve as your copy.

If you have any questions, then please contact us here at the Office of Oil and Gas

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

