

#### 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, April 5, 2021 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET

DENVER, CO 80202

Re: Pe

Permit Modification Approval for PECHORA 1H

47-095-02724-00-00

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: PECHORA 1H

Farm Name: ROGER D. BLIZZARD & RUTH E. SPENCER

U.S. WELL NUMBER: 47-095-02724-00-00

Horizontal 6A New Drill Date Modification Issued: 4/5/2021

Promoting a healthy environment.



March 19, 2021

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: Ms. Laura Adkins 601 57<sup>th</sup> Street Charleston, WV 25304 Office of Oil and Gas

MAR 2 2 2021

WV Department of Environmental Protection

Ms. Laura Adkins:

Antero Resources Corporation (Antero) would like to submit the following permit modifications for the following approved wells on the existing Blizzard Pad: Pechora Unit 1H (API # 47-095-02724).

Attached you will find the following documents:

- > REVISED Form WW-6B, which shows the updated POE & Measured Depth
- > REVISED Form WW-6A1, which shows the new leases we will be drilling into
- > REVISED Mylar Plat, which shows the new Lateral Length & Estimated Measured Depth
- AOR & As-Built Design

If you have any questions please feel free to contact me at (303) 357-7223.

Thank you in advance for your consideration.

Dameitting Agent

Permitting Agent

Antero Resources Corporation

Enclosures

WW-6B (04/15) API NO. 47-095 - 02724

OPERATOR WELL NO. Pechora Unit 1H

Well Pad Name: Blizzard Pad

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

1) Well Operator:	Antero Reso	ources Corpora	494507062	095 - Tyler	Ellsworth	Porters Falls 7.5
-) ( »Paraisi.			Operator ID	County	District	Quadrangle
2) Operator's Well	Number: Pe	chora Unit 1H	Well Pa	ad Name: Blizz	ard Pad	
3) Farm Name/Sur	face Owner:	Roger D. Blizzard & Ruth E	Spencer Public Ro	oad Access: US	Route 34	
4) Elevation, curre	nt ground:	1004' E	levation, propose	d post-construct	ion:	
5) Well Type (a)	) Gas X	Oil _	Un	derground Stora	ge	
Ot	ther					
(b	)If Gas Sha	llow X	Deep			
		izontal X				DMH
6) Existing Pad: Y				-		3-24-21
7) Proposed Targe			cipated Thickness ess- 55 feet, Assoc			
			555- 00 ICCL, ASSOC	Jaleu Flessule-	2000m	
8) Proposed Total						-
9) Formation at To	otal Vertical D	epth: Marcellu	S			
10) Proposed Tota	l Measured D	epth: 26700'				
11) Proposed Hori	zontal Leg Le	ngth: 16475'				
12) Approximate I	Fresh Water St	rata Depths:	16'			
13) Method to Det	ermine Fresh	Water Depths:	47-095-02274			
14) Approximate S	Saltwater Dept	hs: 1430', 1813	3'			
15) Approximate (	Coal Seam De	pths: None Idea	ntified			
16) Approximate I	Depth to Possi	ble Void (coal m	ine, karst, other):	None Anticipa	ated	
17) Does Proposed directly overlying			ms Yes	No	x	
(a) If Yes, provide	le Mine Info:	Name:				
		Depth:				
		Seam:				
		Owner:				

RECEIVED Office of Oil and Gas

MAR 2 9 2 (Perge 1 of 3

WV Department of Environmental Protection WW-6B (04/15) API NO. 47- 095 - 02724

OPERATOR WELL NO. Pechora Unit 1H
Well Pad Name: Blizzard Pad

18)

# CASING AND TUBING PROGRAM

ТҮРЕ	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, 77 Cu. Ft.
Fresh Water	13-3/8"	New	J-55	54.5#	300	300	CTS, 417 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#	26700	26700	6934 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners			7				

DMH 3-26-21

ТУРЕ	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 & Tall - H	H/POZ-1.44 & H-1.8
Tubing	2-3/8"	4.778"	0.19"	11,200			
Liners							1

## **PACKERS**

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

RECEIVED
Office of Oil and Gas

MAR 2 9 2021

Page 2 of 3

WV Department or Environmental Protection

WW-6B (10/14)

API NO. 47-095 - 02724

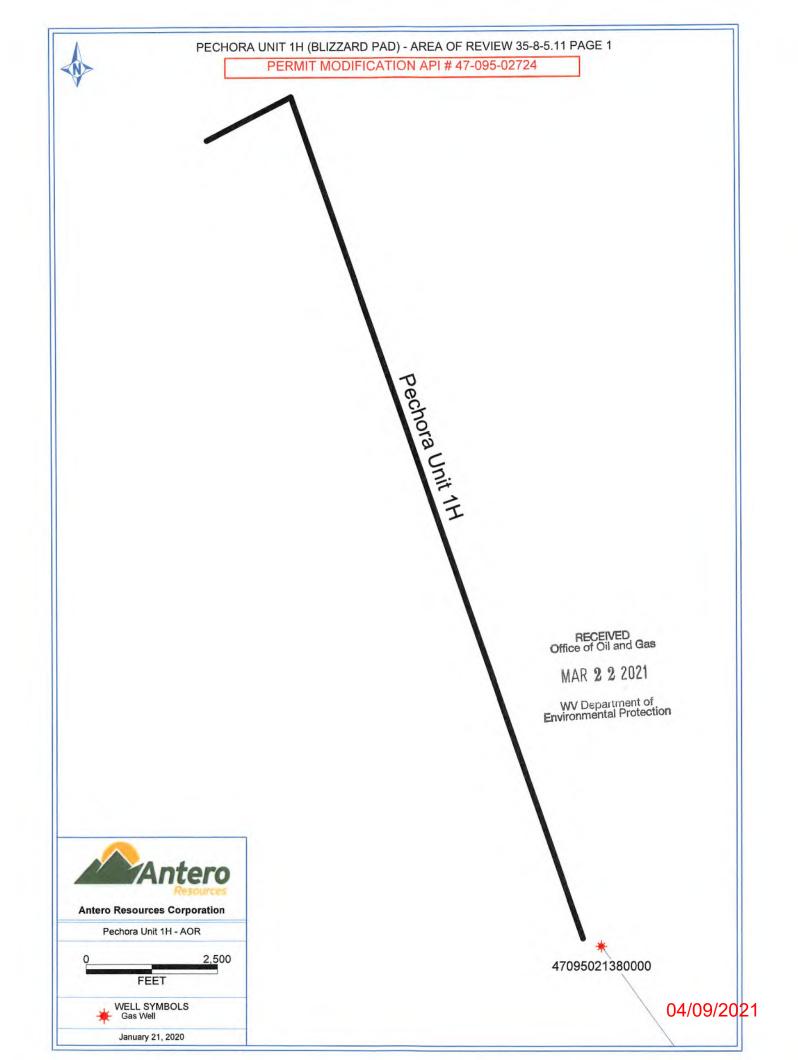
OPERATOR WELL NO. Pechora Unit 1H

Well Pad Name: Blizzard Pad

19) Describe proposed well work, including the drilling and	plugging back of any pilot hole:
Drill a new vertical shallow well into the Marcellus Shale	
20) Describe fracturing/stimulating methods in detail, include	ling anticipated max pressure and max rate:
Antero plans to pump Slickwater into the Marcellus Sha	le formation in order to ready the well for
production. The fluid will be comprised of approximately	y 99 percent water and sand, with less than 1
percent special-purpose additives as shown in the attac	hed "List of Anticipated Additives Used for
Fracturing or Stimulating Well."	Do 11
Anticipated Max Pressure - 9300 lbs	Dut
Anticipated Max Rate - 80 bpm	3-26-21
21) Total Area to be disturbed, including roads, stockpile are	a, pits, etc., (acres): Existing 26.80 acres
	F 1:00 - 0 F0
22) Area to be disturbed for well pad only, less access road (	acres): Existing 0.02 doloc
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 c	ollar and one every 4th joint spaced up the hole
to surface.	
Intermediate Casing: one centralizer above float joint, one centralizer 5' above fl Production Casing: one centralizer at shoe joint and one every 3 joints to top of c	
24) Describe all cement additives associated with each ceme	nt time.
Conductor: no additives, Class A cement.	in type.
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	
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.	RECEIVED,
	Office of Oil and Gas Page 3 of 3

MAR 2 9 2021

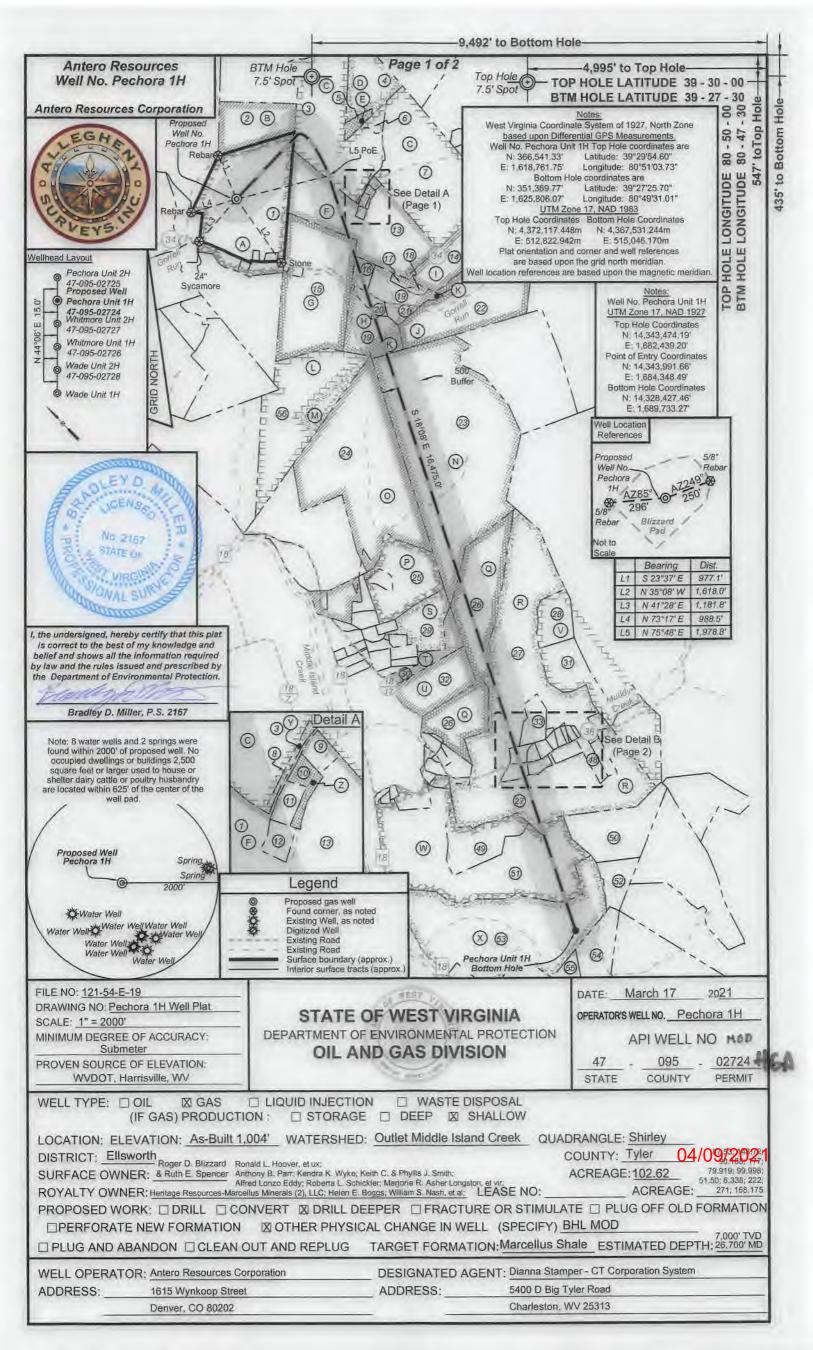
Page 3 of 3

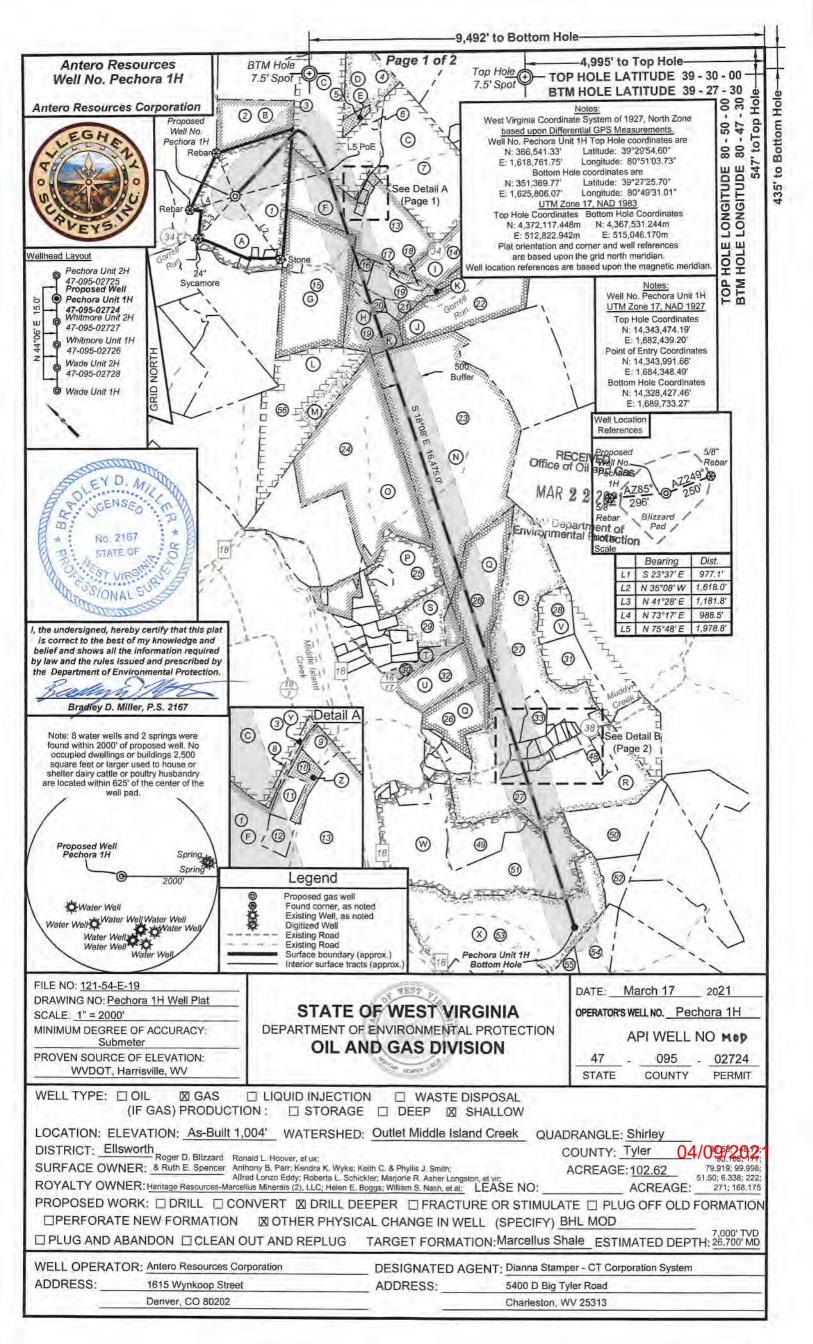


UWI (APINum)	Well Name	Well Number	Operator	Hist Oper	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
47095021380000	MADDIE MAE	3	JAY-BEE OIL & GAS	JAY-BEE OIL & GAS	14,810	<del>6999</del> - 14776	Marcellus	Marcellus

office of Oil and Gas

WV Department of Environmental Protection





Antero Resources Well No. Pechora 1H

Antero Resources Corporation







ID	TM/Par	Owner	DB/PG	Acres
1	15-33	Roger D. Blizzard & Ruth E. Spencer	340/170	102.62
2	15-31	Roger D. Blizzard & Ruth E. Spencer	342/782	25.00
3	15-38	Rodney A. & Candis L. Nash	351/701	85.48
4	16-23	Joseph L. Sitko	314/462	29.70
5	16-23.1	Bruce Winkelmann	334/195	3.30
6	16-44.1	Carl Straight	543/598	3.70
7	16-44	Robert A. Pyles, et al	335/482	87.82
8	16-60	Rodney & Candis Nash	378/815	0.56
9	16-54	David M. & Amanda B. Trimble	447/110	1.00
10	16-59	Rodney & Candis Nash	378/818	1.10
11	16-56	Rodney & Candis Nash	247/73	1.00
12	16-57	Rodney & Candis Nash	252/446	1.00
13	15-32	William S. & Opal Marie Nash	335/188	78.58
14	22-3	Harold L. & Deborah C. Hollaway	287/669	22,95
15	21-13	Alfred Lonzo Eddy	337/650	98.58
16	22-1.2	Earl David & Joyce Ann Giles	336/447	5.39
17	22-1.3	Ronald Hartline & Jamie Barnhart	591/741	2.02
18	22-2	Ronald Hartline & Jamie Barnhart	591/741	1,50
19	22-1	Robert I. Reed & Floyd W. Reed	321/763	42.32
20	22-1.4	David E. & Joyce A. Giles	546/764	4.76
21	22-1.1	Robert I. Reed & Floyd W. Reed	278/661	4.49
22	22-4	Stephen H. & Barbara J. Dunthorn	216/40	59.71
23	22-41	Anthony B. Parr	342/763	222.00
24	22-42	Sharon Christenson, et al	635/420	144.26
25	22-43	Loretta Louise Baker	253/131	38,97
26	28-9	David & Cheryl L. Barrick	263/606	87.53
27	28-31	Victor A. & Lorraine B. Weekley	AR49/717	226.25
28	22-37	B.W. Weekley	107/562	15.78
29	22-47	Tom J. & Jean A. Gump	628/629	24.66
30	28-7	Randall L. & Kathryn M. Wise	442/85	9.00
31	28-32	B.W. Weekley	107/562	33.31
32	28-8	Robert L. & Carolee J. Daniell	WB 43/267	30.00
33	28-31.7	Kordell Stewart & Katelyn Gogan	640/473	9.62
34	28-31.14	Ray Howe	363/416	0.51
35	28-31.18	Lorraine Weekley	AR49-717	0.08
36	28-31.16	William Morgan	374/472	0.50
37	28-31.12	William Morgan	374/472	1.00
38	28-31.15	James & Peggy Morgan	525/214	0.81
39	28-31.19	James & Peggy Morgan	377/10	0.14
40	28-31.9	James & Peggy Morgan	525/214	1.38
41	28-31.11	Ray Howe	356/678	1.27
42	28-31.13	Ray Howe	361/436	2.06
43	28-31.5	Kordell Stewart & Katelyn Gogan	640/473	1,75
44	28-31.6	Kordell Stewart & Katelyn Gogan	640/473	3.00
45	28-31.4	Victor & Lorraine Weekley	AR 49/717	3.64
46	28-31.8	Victor & Lorraine Weekley	AR 49/717	2,78
47	28-31.10	Danny Swiger & Peggy Smith	356/675	4.00
48	28-31.3	David Lantz & Rita Parr	618/689	5.00
49	28-30	Keith C. Smith	WB 35/228	30.13
50	5-9	Keith A. Riegelsberger	376/828	43.23
51	28-29	Keith C. Smith	WB 35/228	167.03
52	5-8	James L.& James C. Fitzpatrick	199/171	13.11
53	28-28	Ronald & Linda Hoover	184/383	136.22
54	5-5	Earnley Owens et al	WB 33/418	75.00
55	5-4	William D. Jr. & Saturina M. Morrison	341/35	52.78
56	21-53	Haessly Land & Timber, LLC	337/101A	89.88

	Leases						
Α	Heritage Resources, Marcellus Minerals, LLC						
В	Jerry R. Brown						
C	Helen E. Boggs						
D	Joseph L. Sitko, et ux						
E	Bruce Winkelmann						
F	William S. Nash, et al						
G	Alfred Lonzo Eddy						
H	Roberta L. Schickler						
1	Ridgetop Capital II, LP						
J	Ridgetop Capital II, LP						
K	Majorie R. Asher Longston, et vir						
L	Haessly Land & Timber Co., LLC						
M	OPEN						
N	Anthony B. Parr						
0	E. Lorna Howard						
0	Testamentary Trust						
P	Loretta L. Baker						
~	Heritage Resources -						
Q	Marcellus Minerals, LLC						
R	Kendra K. Wyke						
S	Rebecca Lynn Gebhardt						
T	Randall L. Wise, et ux						
U	Carolee J. Daniell						
٧	Richard L. White II						
W	Keith C. & Phyllis J. Smith						
X	Ronald L. Hoover, et ux						
Y	OPEN						
Z	Randy Nash, et ux						

FILE NO: 121-54-E-19
DRAWING NO: Pechora 1H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter

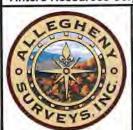
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE:	Ma	arch 10		2021
OPERATOR'	S WE	ELLNO. Pe	cho	ora 1H
	A	PI WELL	N	O Med
47	ia.	095	4	02724
STATE		COUNTY		PERMIT

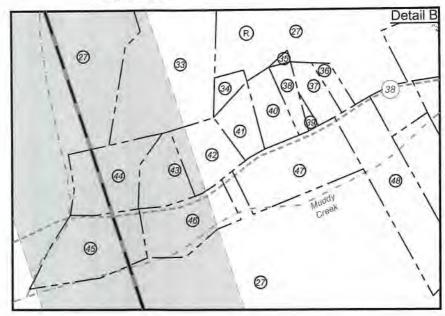
		The second secon
WELL TYPE: ☐ OIL ☐ GAS ☐ LIQUID INJECTION (IF GAS) PRODUCTION : ☐ STORAGE		
LOCATION: ELEVATION: As-Built 1,004' WATERSHED	o: Outlet Middle Island Creek	QUADRANGLE: Shirley
DISTRICT: Ellsworth Roger D. Blizzard Ronald L. Hoover, et ux; SURFACE OWNER: & Ruth E. Spencer Anthony B. Parr, Kendra K. Wyke; Alfred Lonzo Eddy; Roberta L. Sch ROYALTY OWNER: Heritage Resources-Marcellus Minerals (2), LLC; Helen E.	Keith C & Phyllis I Smith	COUNTY: Tyler 04/09/202
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL D	EEPER FRACTURE OR S	TIMULATE   PLUG OFF OLD FORMATION
□PERFORATE NEW FORMATION ☑ OTHER PHYSIC		
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG	TARGET FORMATION: Marc	cellus Shale ESTIMATED DEPTH: 7,000' TVD
WELL OPERATOR: Antero Resources Corporation	DESIGNATED AGENT: Dia	nna Stamper - CT Corporation System
ADDRESS: 1615 Wynkoop Street	ADDRESS: 540	0 D Big Tyler Road
Denver, CO 80202	Cha	rleston, WV 25313

Antero Resources Well No. Pechora 1H

Antero Resources Corporation







ID	TM/Par	Owner	DB/PG	Acres
1	15-33	Roger D. Blizzard & Ruth E. Spencer	340/170	102.62
2	15-31	Roger D. Blizzard & Ruth E. Spencer	342/782	25.00
3	15-38	Rodney A. & Candis L. Nash	351/701	85.48
4	16-23	Joseph L. Sitko	314/462	29.70
5	16-23.1	Bruce Winkelmann	334/195	3.30
6	16-44.1	Carl Straight	543/598	3.70
7	16-44	Robert A. Pyles, et al	335/482	87.82
8	16-60	Rodney & Candis Nash	378/815	0.56
9	16-54	David M. & Amanda B. Trimble	447/110	1.00
10	16-59	Rodney & Candis Nash	378/818	1.10
11	16-56	Rodney & Candis Nash	247/73	1.00
12	16-57	Rodney & Candis Nash	252/446	1.00
13	15-32	William S. & Opal Marie Nash	335/188	78.58
14	22-3	Harold L. & Deborah C. Hollaway	287/669	22.95
15	21-13	Alfred Lonzo Eddy	337/650	98.58
16	22-1.2	Earl David & Joyce Ann Giles	336/447	5.39
17	22-1.3	Ronald Hartline & Jamie Barnhart	591/741	2.02
18	22-2	Ronald Hartline & Jamie Barnhart	591/741	1.50
19	22-1	Robert I. Reed & Floyd W. Reed	321/763	42.32
20	22-1.4	David E. & Joyce A. Giles		42.32
21	22-1.4	Robert I. Reed & Floyd W. Reed	546/764	
22	22-4	Stephen H. & Barbara J. Dunthorn	278/661	4.49
		Anthony B. Parr	216/40	59.71
23	22-41		342/763	222.00
24	22-42	Sharon Christenson, et al	635/420	144.26
25	22-43	Loretta Louise Baker	253/131	38.97
26	28-9	David & Cheryl L. Barrick	263/606	87.53
27	28-31	Victor A. & Lorraine B. Weekley	AR49/717	226.25
28	22-37	B.W. Weekley	107/562	15.78
29	22-47	Tom J. & Jean A. Gump	628/629	24.66
30	28-7	Randall L. & Kathryn M. Wise	442/85	9.00
31	28-32	B.W. Weekley	107/562	33.31
32	28-8	Robert L. & Carolee J. Daniell	WB 43/267	30,00
33	28-31.7	Kordell Stewart & Katelyn Gogan	640/473	9.62
34	28-31.14	Ray Howe	363/416	0.51
35	28-31.18		AR49-717	80.0
36	28-31.16		374/472	0.50
37	28-31.12	William Morgan	374/472	1.00
38	28-31.15	James & Peggy Morgan	525/214	0.81
39	28-31.19	James & Peggy Morgan	377/10	0.14
40	28-31.9	James & Peggy Morgan	525/214	1.38
41	28-31.11	Ray Howe	356/678	1.27
42	28-31.13	Ray Howe	361/436	2.06
43	28-31.5	Kordell Stewart & Katelyn Gogan	640/473	1.75
44	28-31.6	Kordell Stewart & Katelyn Gogan	640/473	3.00
45	28-31.4	Victor & Lorraine Weekley	AR 49/717	3.64
46	28-31.8	Victor & Lorraine Weekley	AR 49/717	2.78
47	28-31.10	Danny Swiger & Peggy Smith	356/675	4.00
48	28-31.3	David Lantz & Rita Parr	618/689	5.00
49	28-30	Keith C. Smith	WB 35/228	30.13
50	5-9	Keith A. Riegelsberger	376/828	43.23
51	28-29	Keith C. Smith	WB 35/228	167.03
52	5-8	James L.& James C. Fitzpatrick	199/171	13.11
53	28-28	Ronald & Linda Hoover	184/383	136.22
54	5-5	Earnley Owens et al	WB 33/418	75.00
55	5-4	William D. Jr. & Saturina M. Morrison	341/35	52.78
56	21-53	Haessly Land & Timber, LLC	337/101A	89.88

	Leases					
A.	Heritage Resources, Marcellus Minerals, LLC					
В	Jerry R. Brown					
C						
D	Joseph L. Sitko, et ux					
E	Bruce Winkelmann					
F	William S. Nash, et al					
G	Alfred Lonzo Eddy					
H	Roberta L. Schickler					
1	Ridgetop Capital II, LP					
J	Ridgetop Capital II, LP					
K	Majorie R. Asher Longston, et vir					
L	Haessly Land & Timber Co., LLC					
M	OPEN					
N	Anthony B. Parr					
0	E. Lorna Howard Testamentary Trust					
P	Loretta L. Baker					
Q	Heritage Resources - Marcellus Minerals, LLC					
R	Kendra K. Wyke					
S	Rebecca Lynn Gebhardt					
T	Randall L. Wise, et ux					
U	Carolee J. Daniell					
٧	Richard L. White II					
W	Keith C. & Phyllis J. Smith					
Х	Ronald L. Hoover, et ux					
Y	OPEN					
2	Randy Nash, et ux					

Office of Oil and Gas

MAR 2 2 2021

WV Department of Environmental Protection

FILE NO: 121-54-E-19
DRAWING NO: Pechora 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: March 10				2021		
OPERATOR	'S WE	LL NO.	Pec	hoi	ra 1H	
	A	PI WE	ELL I	VC	MOD	
47		09	5		02724	
STATE		COUN	VTY		PERMIT	

WELL TYPE: ☐ OIL   ☑ G/ (IF GAS) PRO			
LOCATION: ELEVATION: As- DISTRICT: Ellsworth Roger D. Bliz SURFACE OWNER: & Ruth E. Spe ROYALTY OWNER: Heritage Resour PROPOSED WORK: DRILL DPERFORATE NEW FORMA PLUG AND ABANDON CL	zard Ronald L. Hoover, et ux; ncer Anthony B. Parr; Kendra K. Wyke; Affed Lonzo Eddy; Roberta L. Sch es-Marcellus Minerals (2), LLC; Helen E  CONVERT DRILL D  TION DOTHER PHYSI	nickler; Marjorie R. Asher Longston, et Boggs; William S. Nash, et al; LE, DEEPER FRACTURE CAL CHANGE IN WELL	COUNTY: Tyler 04/09/2007  ACREAGE: 102.62 79.919; 99.998; 51.50; 6.338; 222; ASE NO: ACREAGE: 271; 168.175  OR STIMULATE □ PLUG OFF OLD FORMATION
WELL OPERATOR: Antero Resoult ADDRESS: 1615 Wynkoo	p Street	DESIGNATED AGEN ADDRESS:	T; Dianna Stamper - CT Corporation System 5400 D Big Tyler Road
Denver, CO 8	0202		Charleston, WV 25313

Operator's Well Number

Pechora Unit 1H

## 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	
Heritage Resources Marcellus Minerals Lease				
Heritage Resources Marcellus Minerals	Antero Resources Corporation	1/8+	0627/0134	
Helen E. Boggs Lease				
Helen E. Boggs	Energy Production Inc.	1/8+	0429/0656	
Energy Production Inc.	Antero Resources Corporation	Assignment	0465/0312	
William S. Nash et al Lease				
William S. Nash et al	Statoil USA Onshore Properties	1/8	0463/0515	
Statoil USA Onshore Properties	EQT Production Company	Assignment	0539/0239	
<b>EQT Production Company</b>	Antero Resources Corporation	Assignment	0663/0001	
Alfred Lonzo Eddy				
Alfred Lonzo Eddy	Statoil USA Onshore Properties	Assignment	0406/0147	
Statoil USA Onshore Properties	EQT Production Company	Assignment		
<b>EQT Production Company</b>	Antero Resources Corporation	Assignment	0663/0001	
Roberta L. Shickler Lease				
Roberta L. Shickler	Antero Resources Corporation	1/8	0059/0073	
Marjorie R. Asher Longston et vir Lease				
Marjorie R. Asher Longston et vir	Petroedge Energy LLC	1/8	0387/0212	
Petroedge Energy LLC	EQT Production Company	Assignment	0539/0239	
EQT Production Company	Antero Resources Corporation	Assignment	0663/0001	
Anthony B. Parr Lease				
Anthony B. Parr	Antero Resources Corporation	1/8+	0031/0723	
Heritage Resources Marcellus Minerals Lease				
Heritage Resources Marcellus Minerals	Antero Resources Corporation	1/8+	0627/0134	
Kendra K. Wyke Lease				
Kendra K. Wyke	Antero Resources Corporation	1/8+	0044/0694	
Keith C. & Phyllis J. Smith				
Keith C. & Phyllis J. Smith	Antero Resources Corporation	1/8+	0547/0461	

RECEIVED Office of Oil and Gas

\*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.

WV Department of Environmental Protect WW-6A1 (5/13) Operator's Well No. Pechora Unit 1H

## 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 Ronald L. Hoover et ux Lease

Ronald L. Hoover et ux

Antero Resources Corporation

1/8+

0072/0183

\*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.

#### 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.

\*Co-tenancy utilization - At least 7 mineral owners in tract. At least 75% of the royalty owners have executed a lease on the tract. The interests of the remaining co-tenants were acquired pursuant to the Co-tenancy Modernization and Majority Protection Act

Well Operator: Antero Resources Corporation

By: Tim Rady

Its: VP of Land

Office of Oil and Gas

Page 1 of 1

MAR 2 9 2021

WV Department of Environmental Protection