

### 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, September 11, 2023 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET

DENVER, CO 80202

Permit Modification Approval for VIEWER UNIT 1H

47-103-03589-00-00

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: VIEWER UNIT 1H

Farm Name: ANTERO RESOURCES CORP

U.S. WELL NUMBER: 47-103-03589-00-00

Horizontal 6A New Drill Date Modification Issued: 09/11/2023

Promoting a healthy environment.

API NO. 47- 103	03589		
<b>OPERATOR WELL</b>	NO.	Viewer Unit 1H MOD	,
Well Pad Name:	Furbe	e Pad	

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

			/		
1) Well Operator: Antero Res	ources Corpor	494507062	103 - Wetze	Green	Pine Grove 7.5'
		Operator ID	County	District	Quadrangle
2) Operator's Well Number: Vi	ewer Unit 1H M	OD / Well Pa	d Name: Furbe	Pad /	
3) Farm Name/Surface Owner:	Antero Resources	Corp. Public Ro	ad Access: CR 5	50	
4) Elevation, current ground:		levation, proposed	POTE:	-	
5) Well Type (a) Gas X Other	Oil	Und	lerground Storage	·	
( )	allow X x	Deep			12
6) Existing Pad: Yes or No Ye	s /	-			
7) Proposed Target Formation(s Marcellus Shale: 7500' TVD, A					
8) Proposed Total Vertical Dept	h: 7500' TVD	/			
9) Formation at Total Vertical I	Depth: Marcellu	s /			
10) Proposed Total Measured D	epth: 25500' N	ND /			
11) Proposed Horizontal Leg Le	ength: 15570'	*Open to modific	cation at a later	date /	
12) Approximate Fresh Water S	trata Depths:	575' /			
13) Method to Determine Fresh	Water Depths:	47103308970000 Offset w	ell records. Depths have t	een adjusted a	according to surface elevations.
14) Approximate Saltwater Dep	ths: 2284' /				
15) Approximate Coal Seam De	epths: 973'				
16) Approximate Depth to Poss	ible Void (coal m	ine, karst, other):	None Anticipate	ed	
17) Does Proposed well location directly overlying or adjacent to		Yes	No		RECEIVED  Iffice of Oil and Gas
(a) If Yes, provide Mine Info:	Name:				SEP 0 1 2023
	Depth:	(4			OF AT COS
	Seam:			(Em.	NV Department of
	Owner:			L-11V	ronmental Protection

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API NO. 47- 103 \_ 03589

OPERATOR WELL NO. Viewer Unit 1H MOD
Well Pad Name: Furbee Pad

18)

### **CASING AND TUBING PROGRAM**

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	J-55	91.59#	100'	100' /	CTS, 96 Cu. Ft.
Fresh Water	13-3/8"	New	J-55	54.5#	625'	625' /	CTS, 651 Cu. Ft.
Coal	9-5/8"	New	J-55	36#	3100'	3100'	CTS, 1262 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P110-ICY	23#	25500'	25500' /	CTS, 5498 Cu. Ft.
Tubing	2-3/8"	New	N-80	4.7#			
Liners						,	

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	24"	0.375"	2250	50	Class A/L	~1.18
Fresh Water	13-3/8"	17-1/2"	0.38"	2730	1000	Class A/L	~1.18
Coal	9-5/8"	12-1/4"	0.352"	3520	1500	Class A/L	~1.18
Intermediate							
Production	5-1/2"	8-3/4" & 8-1/2"	0.415"	14,360	2500	Class G/H	~1.8
Tubing	2-3/8"	4.778"	0.19"	11,200			
Liners							

### **PACKERS**

Kind:	N/A	Office of Oil and Gas
Sizes:	N/A	SEP 0 1 2023
Depths Set:	N/A	WV Department of Environmental Protection

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6-31-23

API NO. 47- 103 - 03589

OPERATOR WELL NO. Viewer Unit 1H MOD
Well Pad Name: Furbee Pad

19) Describe proposed well work, including the drilling and plugging back of any pilot 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): 33.19 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.

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Office of Oil and Gas

SEP 0 1 2023

24) Describe all cement additives associated with each cement type:

Conductor: no additives, Class A/L cement.

Surface: Class A/L cement with 2-3% calcium chloride and 1/4 lb of flake Intermediate: Class A/L cement with 1/4 lb of flake, 5 gallons of clay treat

Production: Lead cement- 50/50 Class H/Poz + 1.5% salt + 1% C-45 + 0.5% C-16a + 0.2% C-12 + 0.45% C-20 + 0.05% C-51

Production: Tail cement- Class G/H + 45 PPS Calcium Carbonate + 1.0% FL-160 + 0.2% ACGB-47 + 0.05% ACSA-51 + 0.2% ACR-20

WV Department of Environmental Protection

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.

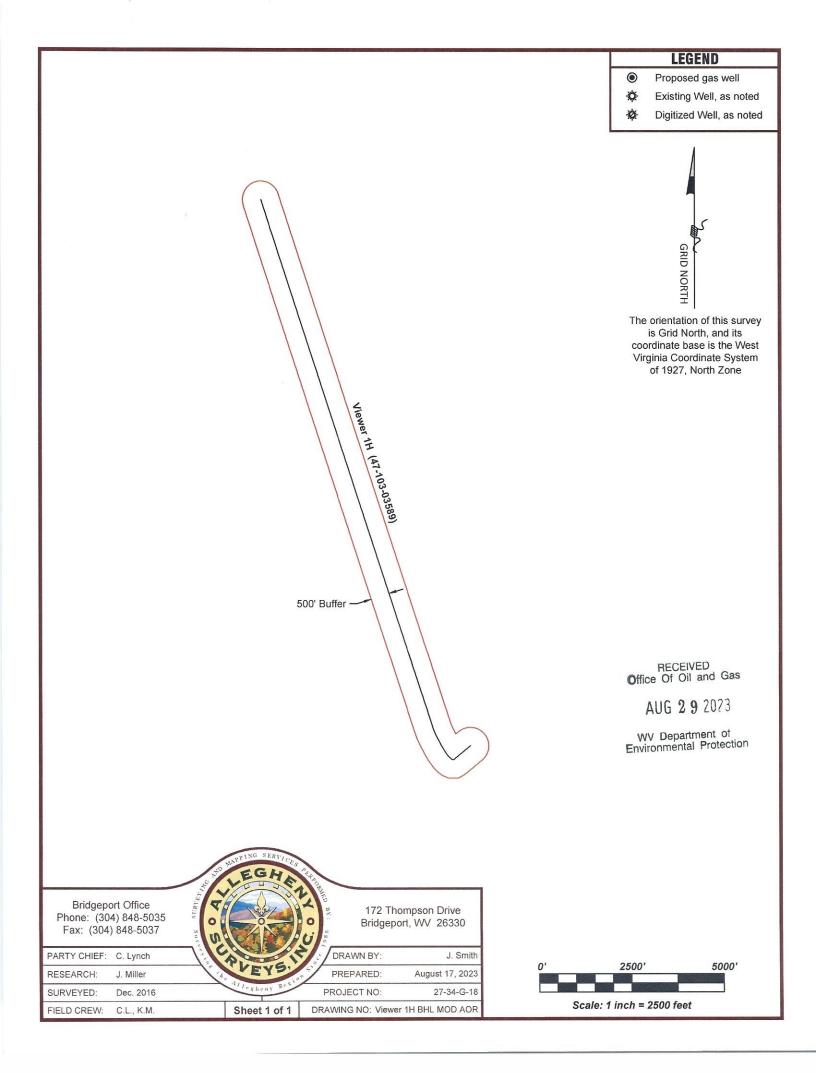
Intermediate: blowhole clean with air, trip to surface casing shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate 40 bbls brine water followed by 10 bbls fresh water and 25 bbls bentonite mud, pump 10 bbls fresh water.

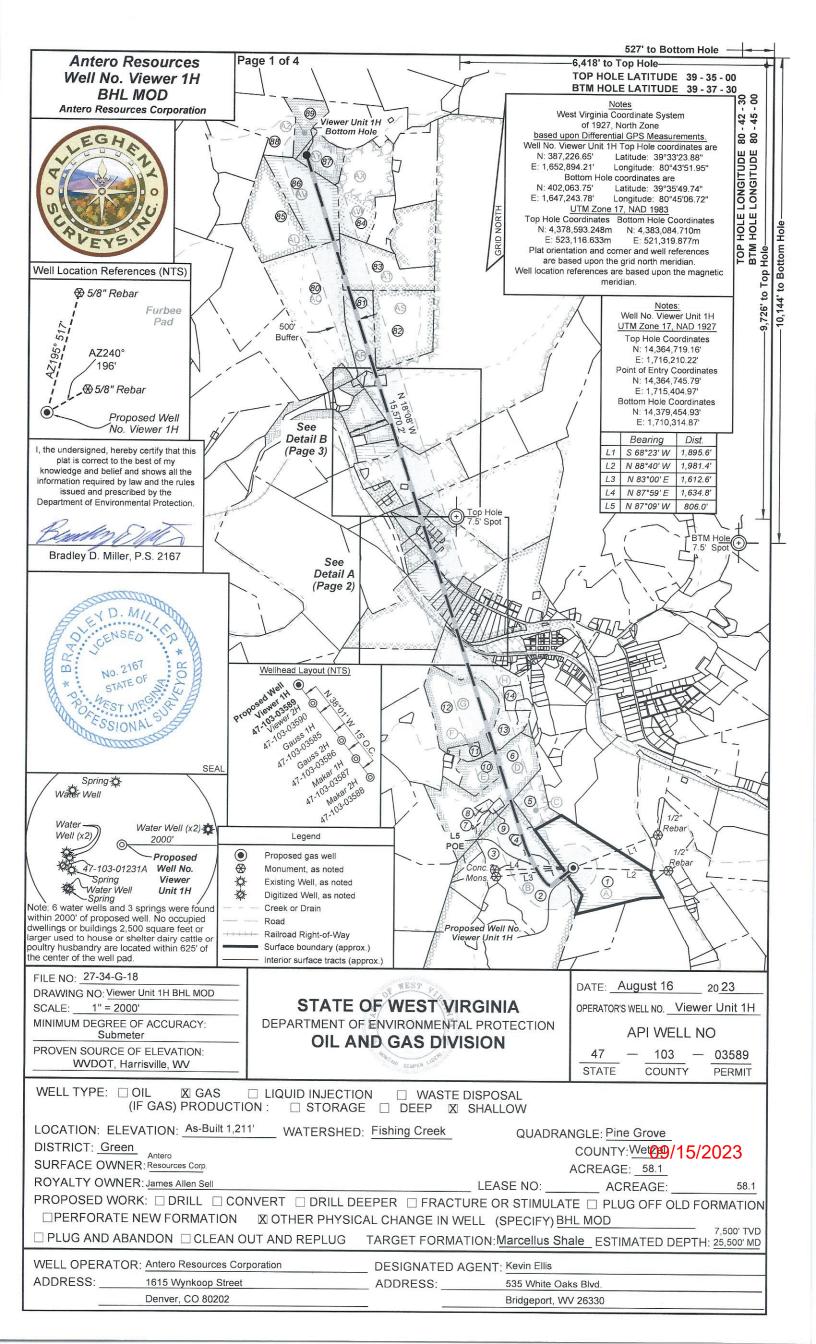
Production: circulate with 14 lb/gal NaCl mud, trip to middle of lateral, circulate, pump high viscosity sweep, trip to base of curve, pump high viscosity sweep, trip to top of curve, trip to bottom, circulate, pump high viscosity sweep, trip out, run casing, circulate 10 bbls fresh water, pump 48 bbls 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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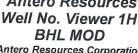
09/15/2023

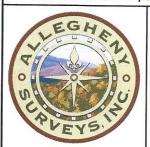


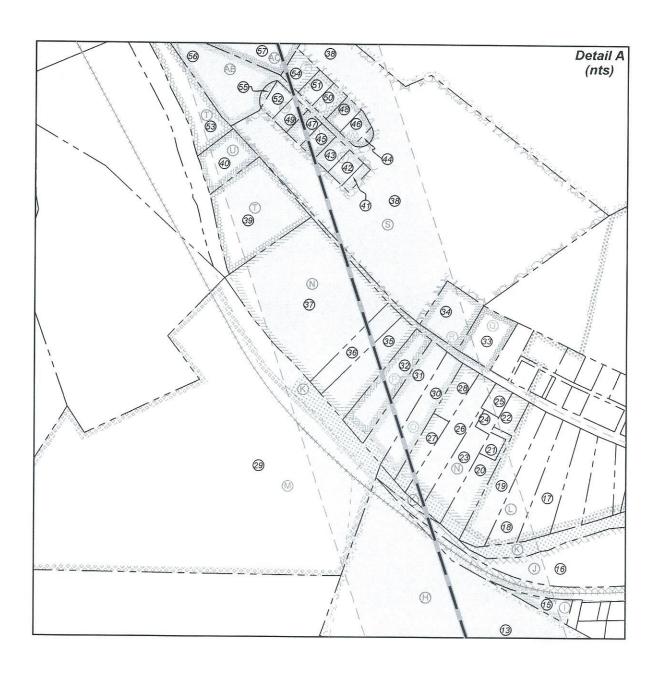


Antero Resources Well No. Viewer 1H Page 2 of 4

Antero Resources Corporation







FILE NO: 27-34-G-18 DRAWING NO: Viewer Unit 1H BHL MOD SCALE: \_\_\_\_1" = 2000' MINIMUM DEGREE OF ACCURACY: Submeter PROVEN SOURCE OF ELEVATION:

WVDOT, Harrisville, WV

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

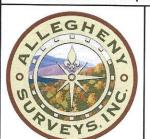
DATE: \_August 16 \_\_\_\_ 20\_23 OPERATOR'S WELL NO. Viewer Unit 1H API WELL NO  $\frac{47}{\text{STATE}} - \frac{103}{\text{COUNTY}} - \frac{03589}{\text{PERMIT}}$ 

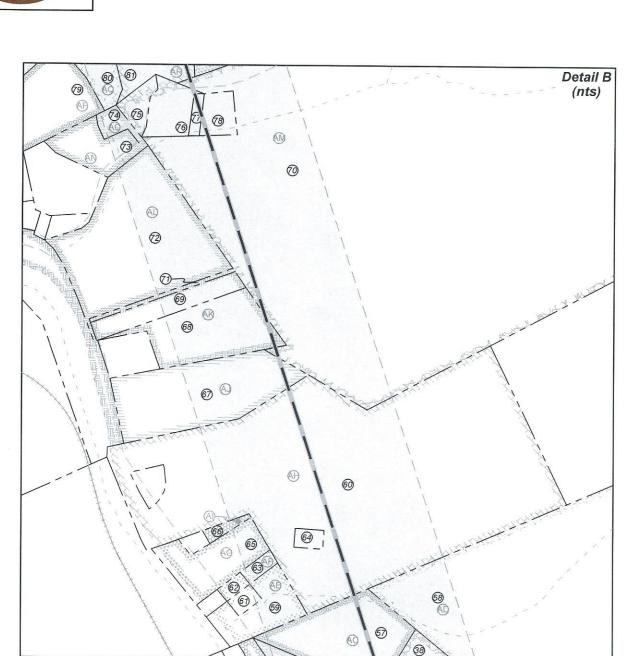
WELL TYPE: □ OIL	
LOCATION: ELEVATION: As-Built 1,211' WATERSHED:	Fishing Creek QUADRANGLE: Pine Grove
DISTRICT: Green Antero	COUNTY: Wet 199 / 15 / 2023
SURFACE OWNER: Resources Corp.	ACREAGE: 58.1
ROYALTY OWNER: James Allen Sell	LEASE NO: ACREAGE: 58.1
PROPOSED WORK: $\square$ DRILL $\square$ CONVERT $\square$ DRILL DEE	EPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL	AL CHANGE IN WELL (SPECIFY) BHL MOD
	TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,500' MD
WELL OPERATOR: Antero Resources Corporation	DESIGNATED AGENT: Kevin Ellis
ADDRESS: 1615 Wynkoop Street	ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202	Bridgeport, WV 26330

Antero Resources Well No. Viewer 1H BHL MOD

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Antero Resources Corporation





FILE NO: 27-34-G-18

DRAWING NO: Viewer Unit 1H BHL MOD

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: \_August 16 \_\_\_\_ 20 23

OPERATOR'S WELL NO. \_Viewer Unit 1H

API WELL NO

\_\_\_\_ 47 \_\_\_ 103 \_\_\_ 03589

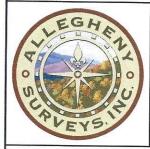
STATE \_\_\_\_ COUNTY \_\_\_ PERMIT

WELL TYPE: □ OIL	☐ WASTE DISPOSAL ☐ DEEP ☒ SHALLOW	
LOCATION: ELEVATION: As-Built 1,211' WATERSHED: Fi	ishing Creek QUADRANGLE: Pine Gi	rove
DISTRICT: Green Antero	COUNTY:We	99/15/2023
SURFACE OWNER: Resources Corp.	ACREAGE:	
ROYALTY OWNER: James Allen Sell	LEASE NO: ACREA	
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEP		
□ PERFORATE NEW FORMATION ☑ OTHER PHYSICAL		
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TA		7,500' TVD TED DEPTH: 25,500' MD
WELL OPERATOR: Antero Resources Corporation	DESIGNATED AGENT: Kevin Ellis	
ADDRESS: 1615 Wynkoop Street	ADDRESS: 535 White Oaks Blvd.	
Denver, CO 80202	Bridgeport, WV 26330	

### Antero Resources Well No. Viewer 1H BHL MOD

Antero Resources Corporation





	Leases
Α	James Allen Sell
В	William R. Stalnaker
С	George Neason Myers, et ux
D	Antero Minerals, LLC
E	John Ronald Harter, et ux
F	Dean H. Bucher
G	Dean H. Bucher
Н	Dean H. Bucher
1	Kenneth Calvin Willard
J	Ruby Lynn Price
K	WVDNR
L	Shiben Estates, Inc.
M	Coastal Forest Resources Co.
N	Nola Jean Parks
0	Howard D. Bucher, et ux
Р	Dean H. Bucher
Q	Kimberly K. McCale
R	Bryan J. Lemasters, et ux

Page 4 of 4

	Leases
S	Michael Paul Melott, et ux
T	Betty C. Long
U	Gary R. Partridge, et ux
٧	Teresa R. Brown
W	Jack E. Dakan, et ux
X	William J. Hupp, et ux
Υ	Joseph L. Cain, et ux
Z	Katina D. Swiger
AA	Bonnie Jean Brown
AB	Roger L. Harrison, et ux
AC	Roger Dean Long, et ux
AD	Chesapeake Appalachia, LLC
AE	Timothy L. McDiffitt, et ux
AF	Daniel S. Brown
AG	Judy Smith
AH	Margaret Lancaster, et vir
Al	Margaret Lancaster

	Leases
AJ	Rocky G. Miracle, et ux
AK	H. Dom Higginbotham, et ux
AL	H. Dorn Higginbotham, et ux
AM	Shiben Estates Inc.
AN	Donald Ardell Howell
AO	Samuel R. Haught, et ux
AP	Lloyd Lee King
AQ	Carolyn Jacobs Hampson
AR	Lillian Priscilla Grimm
AS	Barbara Anne Amos King
AT	Valerie Preat
AU	P&P Fujimo LLC
AV	Maria Delia Estrada
AW	Nancy B. Hatfield, et al
AX	Nancy B. Hatfield, et al
AY	Nancy B. Hatfield, et al
AZ	Nancy B. Hatfield, et al

ID	TM-Par	Owner	Bk/Pg	Acres
1	17-12	Antero Resources Corp.	483/888	58.10
2	17-60	Ross Bucher	411/765	79.00
3	17-57	Steven C. & Bertie G. Blinkman	388/243	20.60
4	17-1	Antero Resources Corp	483/888	15.35
5	13-69.1	Donald L. Mason	410/759	14.00
6	13-69	Donald L. Mason	410/759	69.61
7	13-69.4	David P. & Jami D. Morris	450/428	1.46
8	13-69.2	Carol S. Bishop	344/568	1.25
9	13-69.3	David P. & Jami D. Morris	364/9	1.25
10	13-68	John Ronald & Johnna Shay Harter	437/867	14.62
11	13-68.1	Charles M. Haught	315/642	3.44
12	13-43	John R. & Johnna S. Harter	437/867	46.25
13	13-90	Coastal Forest Resources Co.	444/105	36.13
14	13-91	Coastal Forest Resources Co.	444/105	3.47
15	28-42	George Keck	71/258	0.50
16	28-25	Sara Larrimore, et al	AP107/99	4.50
17	28-20	Thelma L. Brideman	MS10/131	
18	28-19	Ricky L. & Cindy S. Wade	420/441	2.07
19	28-18	Ronald S. Anderson	417/63	2.14
20	28-17.2	Darel L. & Joyce A. Ueltschy	424/365	1.33
21	28-17.1	Darel L. & Joyce A. Ueltschy	424/365	0.25
22	28-17	Sharyn D. Utt	360/348	0.49
23	28-15	Nathan D. & Jacqueline Johnson	404/399	1.46
24	28-16	Nathan D. & Jacqueline Johnson	404/399	0.20
25	28-15.1	Christopher David Thomas	365/112	0.35
26	28-14	Benjamin F. & Ruth Kocher	242/14	1.83
27	28-13	Benjamin F. & Ruth Kocher	221/369	0.83
28	28-12	Benjamin F. Kocher	202/264	0.67
29	13-28	Coastal Forest Resources Co.	444/105	46.2
30	28-11	Howard D. & Clara Mae Bucher	285/483	1.62
31	28-10	Dale & Clara M. Bucher	198/265	1.78
32	28-9	Cecil E. McDiffitt	308/298	1.85
33	28-2.6	Phillip Bassett	440/61	
34	28-1	Bryan J. & Christina D. Lemasters	315/335	
35	28-8	John C. & Wilma Jean Brown	212/387	1.85
36	28-7.1	Gloria D. & Eugene Mason, Jr.	261/373	1.24
37	28-7	William C. & Blanchie Kocher	196/423	8.35
38	13-19.1	Michael Paul & Tamatha Lynn Melott	379/128	23.95
39	13-20	Betty Long	191/288	6.94
40	13-20.1	Gary R. & Angela E. Partridge	451/425	1.39
41	13A-29	Alyson P. Weber	439/352	0.18
42	13A-22	Alyson P. Weber	439/352	0.37
43	13A-21	Alyson P. Weber	439/352	0.37
44	13A-28	Jack E. & Constance D. Dakan	354/503	0.10
45	13A-20	William J. & Velma S. Hupp	300/343	0.37

ID	TM-Par	Owner	Bk/Pg	Acres
46	13A-27	Jack E. & Constance D. Dakan	268/88	0.34
47	13A-19	William J. & Velma S. Hupp	300/343	0.37
48	13A-26	Jack E. & Constance D. Dakan	273/171	0.37
49	13A-18	Bonnie Jean Brown	362/553	0.37
50	13A-25	Joseph L. & Roberta E. Cain	378/385	0.37
51	13A-24	Joseph L. & Roberta E. Cain	378/385	0.37
52	13A-17	Bonnie Jean Brown	318/576	0.38
53	13-20	Betty Long	191/288	6.94
54	13A-23.1	Katrina D. Swiger	388/273	0.54
55	13A-30	Bonnie Jean Brown	362/553	0.11
56	13-19.3	Roger L. & Sarah M. Harrison	455/399	3.00
57	13-19.2	Roger D. & Kimmie L. Long	313/183	4.99
58	13-13	Linda M. Headley	385/209	85.5
59	13-12.3	Timothy L. & Tammy D. McDiffitt	441/68	2.24
60	13-6	Margaret Lancaster	333/440	39.39
61	13-12.2	Timothy L. & Tammy D. McDiffitt	441/68	0.34
62	13-12.1	Timothy L. & Tammy D. McDiffitt	441/68	0.27
63	13-12.4	Bradley Keith & Daniel Scott Brown	440/781	0.48
64	13-5	Cochran Cemetery	/	0.35
65	13-12	Judy Smith	341/320	2.71
66	13-14	Phillip Dale Haught	465/207	0.32
67	13-4	Rocky G. & Vicki S. Miracle	325/11	6.89
68	8-36.6	Kevin R. & Ronald L. Hall	360/124	4.25
69	8-38.7	Robert & Carolyn Kocher	269/420	1.86
70	8-28	Nancy B. Hatfield	474/48/1	449.48
71	8-38.10	Robert P. & Carolyn J. Kocher	484/459	0.36
72	8-38.2	H. Dorn Higginbotham & Janet L. Higginbotham	286/386	10.32
73	8-40	Ronald M. Jackson	487/60	1.74
74	8-40.1	Teresa D. Post	464/331	0.57
75	8-28.2	Theresa A. Ice	347/368	0.85
76	8-28.3	Theresa Ann Ice	368/549	1.72
77	8-28.4	Debra K. Fluharty	451/394	0.27
78	8-28.1	Debra K. Fluharty	342/680	0.89
79	8-39	John F. King	25/264	4.5
80	8-30	Michael L. & Erin M. Greathouse	363/91	76
81	8-33	Lloyd L. King	319/55	20.35
82	8-34	Peter S. & Marietta A. Florea	420/915	42
83	8-31	Valerie Preat	416/599	32.5
84	8-48	James D. Highley Jr.	472/167	41.00
85	8-21	BP Mineral Holdings II LLC	425/427	43.5
86	8-22	John D. & Connie J. Morgan	417/944	40
87	8-12	John D. & Connie J. Morgan	417/944	13.60
88	8-10	Andrea Wade	420/853	35.50
89	8-11	Andrea Wade	420/853	13.50

FILE NO: 27-34-G-18
DRAWING NO: Viewer Unit 1H BHL MOD
SCALE:1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION:

### STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WEST

OIL AND GAS DIVISION

DATE: August 16				20_23		
OPERATOR'S WELL NO.			Viewer Unit 1H			
API WELL NO						
47	_	103		03589		

VVVDOT, Harrisville, VVV	SEMPER		STATE	COUNTY	PERMIT	
	011 — 0	DISPOSAL SHALLOW				
LOCATION: ELEVATION: As-Built 1,211' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove						
DISTRICT: Green Antero			COUNTY:	Vet <b>09/15/</b>	2023	
SURFACE OWNER; Resources Corp.			ACREAGE:			
ROYALTY OWNER: James Allen Sell		_ LEASE NO:		New York Control of the Control of t	58.1	
PROPOSED WORK:   DRILL   CONVERT   DRILL DEEPER   FRACTURE OR STIMULATE   PLUG OFF OLD FORMATION					ORMATION	
☐ PERFORATE NEW FORMATION	X OTHER PHYSICAL CHANGE IN WI	ELL (SPECIFY) BH	L MOD			
	UT AND REPLUG TARGET FORMA	(S)		ATED DEPTI	7,500' TVD H: <u>25,500' MD</u>	
WELL OPERATOR: Antero Resources Cor	poration DESIGNATED A	GENT: Kevin Ellis				
ADDRESS: 1615 Wynkoop Street	ADDRESS:	535 White Oak	s Blvd.			
Denver CO 80202		Bridgeport MA	/ 26220			

### 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: James Allen Sell Lease James Allen Sell	Antero Resources Corporation	1/8+	258A/0467
	<u>B: William R. Stalnaker Lease</u> William R. Stalnaker	Antero Resources Corporation	1/8+	179A/0069
4	D: Antero Minerals, LLC Lease Antero Minerals, LLC	Antero Resources Corporation	1/8+	250A/0795
	E: John Ronald Harter, et ux Lease John Ronald Harter, et ux	Antero Resources Corporation	1/8+	266A/0078
	H: Dean H. Bucher Lease Dean H. Bucher	Antero Resources Corporation	1/8+	262A/0198
	G: Dean H. Bucher Lease Dean H. Bucher	Antero Resources Corporation	1/8+	262A/0198
	H: Dean H. Bucher Lease Dean H. Bucher	Antero Resources Corporation	1/8+	262A/0198
	J: Ruby Lynn Price Lease Ruby Lynn Price	Antero Resources Corporation	1/8+	219A/0206
	K: WVDNR Lease WVDNR	Antero Resources Corporation	1/8+	323A/0541
-	N: Nola Jean Parks <u>Lease</u> Nola Jean Parks	Antero Resources Corporation	1/8+	195A/0750
	O: Howard D. Bucher, et ux Lease Howard D. Bucher, et ux	Antero Resources Corporation	1/8+ RECE	287A/0559
	P: Dean H. Bucher Lease Dean H. Bucher	Antero Resources Corporation	1/8+ Office of C	oil and Gas 262A/0198
	N: Nola <u>Jean Parks Lease</u> Nola Jean Parks	Antero Resources Corporation	1/8+	1 2023 195A/0750
	S: Michael Paul Melott, et ux <u>Lease</u> Michael Paul Melott, et ux	Antero Resources Corporation	1/8+ WV Dep	ntal Protec <b>256A/0488</b>
	V: Teresa R. Brown Lease Teresa R. Brown	Antero Resources Corporation	1/8+	311A/0479
	X: William J. Hupp, et ux Lease William J. Hupp, et ux	Antero Resources Corporation	1/8+	210A/0564
07	AA: Bonnie Jean Brown Lease Bonnie Jean Brown	Antero Resources Corporation	1/8+	310A/0650

### 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
Z: Katina D. Sw		Antero Resources Corporation	1/8+	310A/0647
AC: Roger Dean I	ean Long, et ux Lease Long, et ux	Antero Resources Corporation	1/8+	278A/0026
	t Lancaster, et vir Lease ncaster, et vir	Antero Resources Corporation	1/8+	192A/0758
AJ: Rocky G. Rocky G. Mir	Miracle, et ux Lease acle, et ux	Antero Resources Corporation	1/8+	193A/0753
AM: Shiben I  Shiben Estate	Estates Inc. Lease es Inc.	Antero Resources Corporation	1/8+	312A/0021
AK: H. Dorn Higg	ligginbotham, et ux Lease inbotham, et ux	Antero Resources Corporation	1/8+	274A/0792
AM: Shiben I Shiben Estate	es Inc. Lease	Antero Resources Corporation	1/8+	312A/0021
AR: Lillian Pri Lillian Priscill	<u>iscilla Grimm Lease</u> a Grimm	Antero Resources Corporation	1/8+	259A/0485
AT: Valerie P Valerie Preat	reat Lease	Antero Resources Corporation	1/8+	264A/0049
AQ: Carolyn Jacol	lacobs Hampson <u>Lease</u> bs Hampson	Antero Resources Corporation	1/8+	196A/0766
AV: Maria Delia B	<mark>elia Estrada Lease</mark> Estrada	Antero Resources Corporation	1/8+	262A/0087

Office of Oil and Gas SEP 0 1 2023

WV Department of Environmental Protection

\*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

<sup>\*</sup>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)

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Lease Name or
Number Grantor, Lessor, etc. Grantee, Lessee, etc. Royalty Book/Page

AY: Nancy B. Hatfield, et al Lease

Nancy B. Hatfield, et al Antero Resources Corporation 1/8+ 298A/0727

\*Partial Assignments to Antero Resources Corporation include 100% rights to extract, produce and market the oil and gas from the Marcellus and any other formations completed with this well.

\*Co-tenancy utilization — 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

#### 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

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The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Antero Resources Corporation

By: Tim Rady

Its: Senior Vice President of Land

Page 1 of 1



August 23, 2023

West Virginia Department of Environmental Protection Office of Oil and Gas Attn: Mr. Taylor Brewer 601 57<sup>th</sup> Street Charleston, WV 25304 Antero Resources 1615 Wynkoop Street Denver, CO 80202 Office 303.357.7310 Fax 303.357.7315

Mr. Brewer:

Antero Resources Corporation (Antero) would like to submit the following permit modifications for approved well on the existing Furbee Pad: Viewer Unit 1H (47-103-03589) and Viewer Unit 2H (47-103-03590) Expedited.

Attached you will find the following:

- > AOR
- Revised Form WW-6B
- ➤ Revised Form WW-6A1
- Revised Mylar Plat

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AUG 29 2023

WV Department of Environmental Protection

If you have any questions please feel free to contact me at (303) 357-6959.

Thank you in advance for your consideration.

Sincerely,

Stefan Gaspar Permitting Agent

Antero Resources Corporation

Enclosures