

#### 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

## Thursday, October 13, 2022 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for MAMBA UNIT 2H

47-095-02821-00-00

Extended lateral length

#### 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: MAMBA UNIT 2H

Farm Name: DENNIS & CLISTA HEINTZMAN

U.S. WELL NUMBER: 47-095-02821-00-00

Horizontal 6A New Drill

Date Modification Issued: 10/13/2022

Promoting a healthy environment.

API NO. 47- 095 - 02821

OPERATOR WELL NO. Mamba Unit 2H MOD Well Pad Name: Heintzman Pad

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

) Well Operat	tor: Antero	Resources	Corporal 494	507062	095 - Tyler	Ellsworth	Porter Falls 7.5'
)			Ope	erator ID	County	. District	Quadrangle
) Operator's \	Well Number	r: Mamba U	nit 2H MOD	Well P	ad Name: Hein	tzman Pad	
) Farm Name	/Surface Ow	ner: Dennis &	Clista Heintzman	Public Ro	oad Access: Elle	Fork Rd	
Elevation, c Well Type	(a) Gas Other	d: <u>1215'</u>	Oil		d post-construct derground Stora		
	(b)If Gas	Shallow Horizontal	X	_ Deep	-		
) Existing Page	d: Yes or No	Yes					
	-				and Expected I		
) Proposed To	otal Vertical	Depth: 710	0' TVD				
) Formation a			Marcellus				
0) Proposed	Total Measur	red Depth:	25300' MD				
1) Proposed I	Horizontal L	eg Length:	16102.1'				
2) Approxim	ate Fresh Wa	iter Strata De	pths: 420'	, 475'			
3) Method to 4) Approximate			reptilis.	0269 Offset wel	I records. Depths have	been adjusted acc	ording to surface elevation
5) Approxim	ate Coal Sea	m Depths: 5	8'				
6) Approxim	ate Depth to	Possible Voi	d (coal mine, ka	arst, other):	None Anticip	ated	
7) Does Prop lirectly overly				Yes	N	o X	
(a) If Yes, pr	ovide Mine	Info: Name					
		Depth	:				
		Seam:					
		Owne	r:				
				RECE Office of Oil	VED and Gas		
				OCT :	3 2022		

WV Department of Environmental Protection

Page 1 of 3 Share My 9/30/2210/14/2022

API NO	47-	095	-	02821
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OPERATOR WELL NO. Mamba Unit 2H MOD
Well Pad Name: Heintzman 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	X60	78.67#	100	100	CTS, 96 Cu. Ft.
Fresh Water	13-3/8"	New	J/K-55	54.5#	525	525	CTS, 729 Cu. Ft.
Coal	9-5/8"	New	J/K-55	36#	3293	3293	CTS, 1341 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110ICY	23#	25300	25300	6308 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

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

## **PACKERS**

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

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Office of Oil and Gas

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WV Department of Environmental Protection Page 2 of 3

9/30/21<del>0</del>/14/2022

API NO. 47- 095 - 02821

OPERATOR WELL NO. Mamba Unit 2H MOD Well Pad Name: Heintzman 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): 56.03 acres

22) Area to be disturbed for well pad only, less access road (acres): 7.82 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

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:

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.

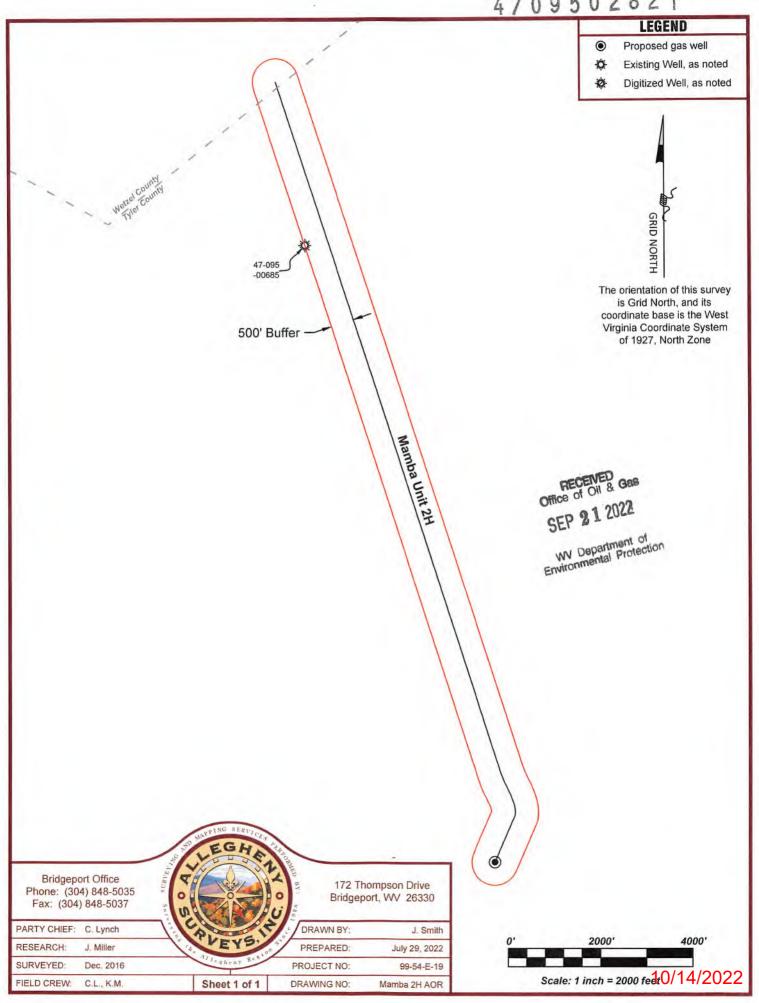
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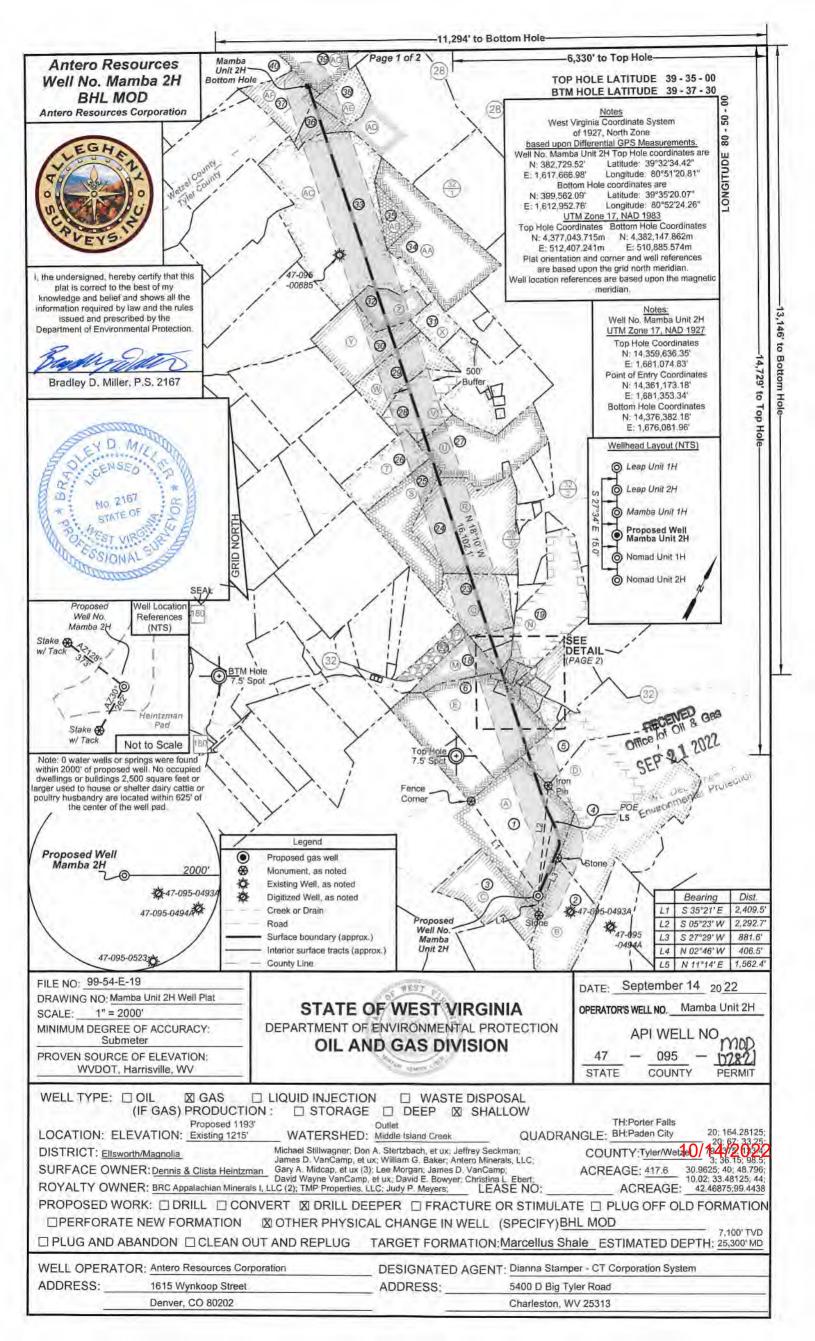
Steve Myly 9/20/219/14/2022

WV Department of Environmental Protection



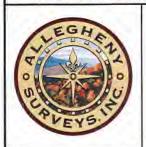
UWI (APINum	) Well Name	Well Number	Operator	Historical Operator	TD	Perforated Interval (shallowest, deepest)		Perforated Formation(s)	Producible Formation(s) not perf'd	ı
470950068500	00 KIMBLE BRADY	1	EQT PRODUCTION CO	CARTER-JONES LUMBER	2,695	2391 - 2581	Berea		Weir, Benson, Alexander	ĺ



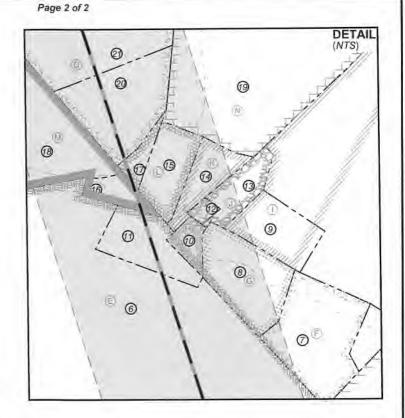


# Antero Resources Well No. Mamba 2H **BHL MOD**

Antero Resources Corporation



ID	TM/Par	Owner	Bk/Pg	Acres
1	6-36	Dennis & Clista Heintzman	297/640	417.60
2	10-4	Stefan L. & Alberta B. Smolski	356/467	56.08
3	6-49	Dennis & Clista A. Heintzman	297/637	45.00
4	6-30.1	Larry M. & Amy B. Adams	369/344	150.33
5	6-30	Larry G. Rice	333/682	64.61
6	6-27	Ronnie L. VanCamp, et al	568/32	69.88
7	6-27.3	Laura A. Richeson	365/34	5.14
8	6-27.4	Joseph M. & Tammy A. Rice	634/778	3.79
9	6-21.2	Richard E. Leek	OR147/27	3.15
10	6-27.1	Larry G. Rice	333/682	0.81
11	6-27.5	David W. VanCamp	555/14	2.56
12	6-21.3	Richard E. Leek	OR147/27	0.28
13	6-21.1	Richard E. Leek	391/533	2.74
14	6-29	Richard Leek	402/216	1.00
15	6-28	David Wayne & Virginia VanCamp	395/557	2.00
16	6-47.1	Donna Faulk	408/113	1.00
17	6-27.2	David Wayne & Virginia VanCamp	395/557	1.0
18	6-47	Jeffrey Seckman	545/70	18.99
19	6-11	Jeffrey A. & Joann E. Seckman	343/153-A	68.72
20	6-20.2	Hiram Groves	98/195	7.50
21	6-20.1	Jeffrey Seckman	545/70	2.52
22	6-19	Linda J. & Jack E. Mason	OR101/678	10.00
23	6-20	Jeffrey Seckman	545/70	36.15
24	6-8	Matthew T. Ebert	361/219	98.50
25	6-7	Gary A. & Penny K. Midcap	301/265	30.90
26	3-26.1	Gary A. & Penny K. Midcap	301/265	40.00
27	3-34	Charlotte Terry, et al	WB76/367	57.19
28	3-27	Herbert & Phyllis Glendenning	349/827	33.25
29	3-25.1	Gary A. & Penny K. Midcap	304/230	33.48
30	3-25	Gary A. & Penny K. Midcap	301/265	42.47
31	3-28	Rhoda & Lawrence Morgan Est	317/413	61.33
32	3-19	Gary A. & Penny K. Midcap	301/265	20.94
33	3-9	Steven D. & Brenda M. Higgins	313/623	163.34
34	3-10	Steven D. & Brenda M. Higgins	313/623	79.75
35	3-10.1	Steven D. & Brenda M. Higgins	313/623	10.16
36	1-11	Daniel A. Witschey	541/326	122.81
37	16-64	Richard Todd Kay	420/650	29.00
38	1-16	Daniel A. & Amy J. Witschey	602/421	20.00
39	17-15	Don A. Stertzbach	367/623	37.90
40	16-63	Richard E. Kay, et ux	395/329	19.00



	Leases
A	BRC Appalachian Minerals I, LLC
В	Rose Enterprises, LLC
C	Dennis R. & Clista A. Heintzman
D	TMP Properties, LLC
Е	Judy P. Meyers
F	Laura A. Richeson
G	Bobby J. Dennis
H	David W. VanCamp, et ux
1.	BRC Appalachian Minerals I, LLC
J	Antero Mineral, LLC
K	Martha Elizabeth Matthews
L	David Wayne VanCamp, et ux
M	Jeffrey Seckman
N	Jon Keith Irvin
0	James D. VanCamp
Р	Linda J. & Jack E. Mason
Q	David E. Bowyer
R	Christina L. Ebert
S	Gary A. Midcap, et ux
Т	Gary A. Midcap, et ux
U	Lee Morgan
V	BRC Appalachian Minerals I, LLC
W	James D. VanCamp, et ux
X	MAP2012-OK
Y	William G. Baker
Z	Gary A. Midcap, et ux
AA	Mary F. Mutschelknaus
AB	Steven D. Higgins, et ux
AC	Beverly Kay Campbell
AD	Cider Run Mineral Holdings, LLC
AE	Don A. Stertzbach, et ux
AF	Michael Stillwagner
AG	Ridgetop Royalties

SEP 21 2022 WV Department of Environmental Protection

FILE NO: 99-54-E-19 DRAWING NO: Mamba Unit 2H Well Plat SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURACY:

Submeter PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

LOCATION: ELEVATION: Existing 1215'

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

WEST

DATE: September 14 20 22 OPERATOR'S WELL NO. \_\_\_ Mamba Unit 2H API WELL NO MOD

47 095 1)282 STATE COUNTY

TH:Porter Falls

			_					
WELL TYPE:	OIL	☑ GAS		LIQUID	INJECTION	☐ WAS	TE	DISPOSAL
	(IF GAS)	PRODUCT	ION	: 🗆	STORAGE	DEEP	X	SHALLOW

Proposed 1193'

WATERSHED: Middle Island Creek QUADRANGLE: BH:Paden City

DISTRICT: Ellsworth/Magnolia
SURFACE OWNER: Dennis & Clista Heintzman
ROYALTY OWNER: BRC Appalachian Minerals I, LLC (2); TMP Properties, LLC; Judy P. Meyers;

Wichael Stillwagner; Don A. Stertzbach, et ux; Jeffrey Seckman; James D. VanCamp, et ux; William G. Baker; Antero Minerals, LLC; Gary A. Middap, et ux (3); Lee Morgan; James D. VanCamp; David Wayne VanCamp, et ux; David E. Bowyer; Christina L. Ebert; LLC (2); TMP Properties, LLC; Judy P. Meyers;

LEASE NO:

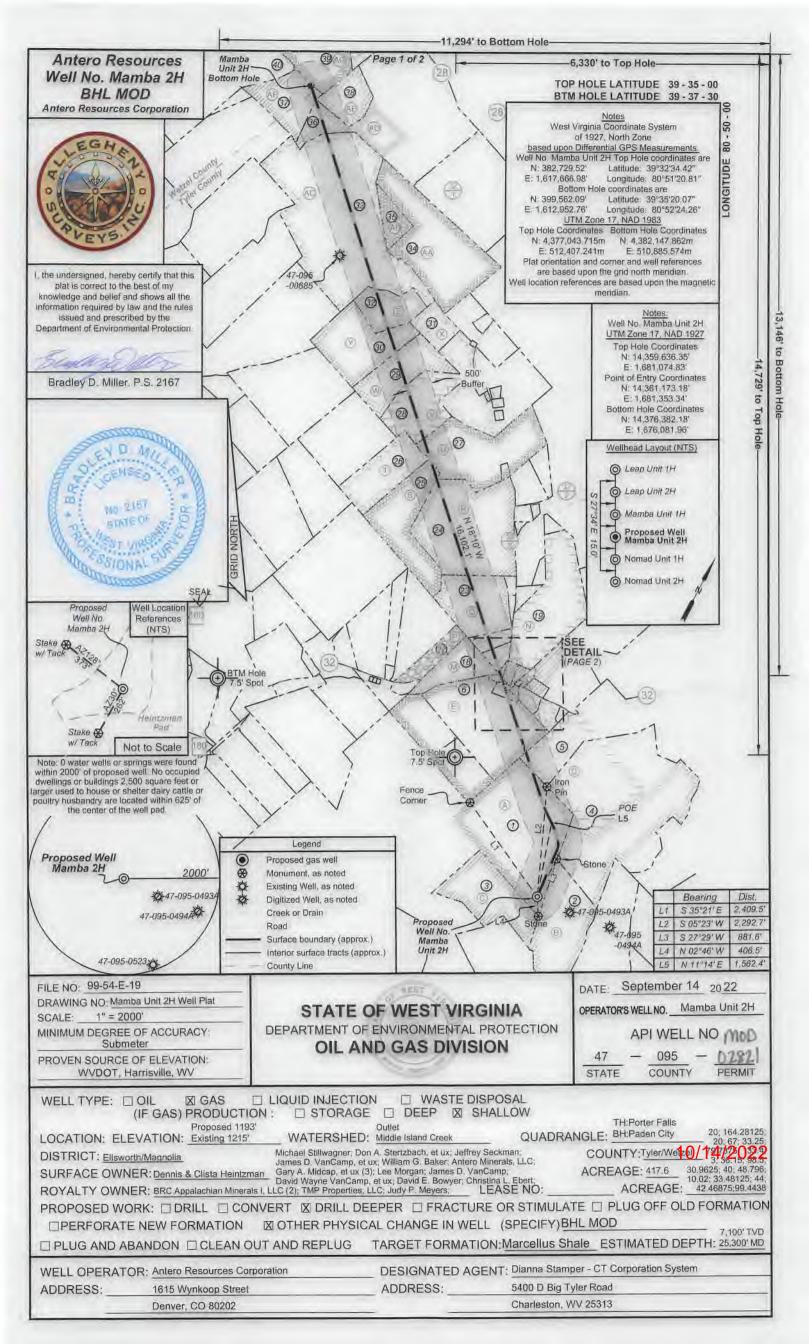
COUNTY:Tyler/Wetz410/14/75/33/25 ACREAGE: 417.6 30.9625; 40; 48.796; 10.02; 33.48125; 44; 42.46875;99.4438

20: 164.28125

PROPOSED WORK:   DRILL   COI	VERT IN DRILL DEEPER I FRACTURE OR STIMULATE I 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: 25,300' MD

WELL OPERAT	OR: Antero Resources Corporation	DESIGNATED AC	GENT: Dianna Stamper - CT Corporation System	
ADDRESS:	1615 Wynkoop Street	ADDRESS:	5400 D Big Tyler Road	
	Denver, CO 80202		Charleston, WV 25313	



# Antero Resources Well No. Mamba 2H **BHL MOD**

Antero Resources Corporation



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FILE NO: 99-54-E-19 DRAWING NO: Mamba Unit 2H Well Plat 1" = 2000' SCALE: 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: September 14 20 22 OPERATOR'S WELL NO. Mamba Unit 2H API WELL NO MAD

STA

				THUR
7	_	095	_	02821
ATE		COUNTY		PERMIT

	☐ WASTE DISPOSAL ☐ DEEP ☒ SHALLOW  Dutlet  Middle Island Creek  ☐ QUADRANGLE: BH:Paden City  20; 164.28125; 20; 67: 33.25;			
DISTRICT: Ellsworth/Magnolia  Michael Stillwagner; Don A James D. VanCamp, et ux; SLIREACE OWNER: Dennis & Clista Heintzman Gary A. Midcap, et ux (3);	Stertzbach, et ux; Jeffrey Seckman; COUNTY: Tyler/We 20/17472022; William G. Baker; Antero Minerals, LLC; Lee Morgan; James D. VanCamp; tux; David E. Bowyer; Christina L. Ebert; C; Judy P. Meyers; LASE NO: ACREAGE: 417.6 30.9625; 40; 48.796; 10.02; 33.48125; 44; 42.46875;99.4438			
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY)BHL MOD 7,100'TVD ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,300'MD				
WELL OPERATOR: Antero Resources Corporation	DESIGNATED AGENT: Dianna Stamper - CT Corporation System			

ADDRESS:

1615 Wynkoop Street

Denver, CO 80202

5400 D Big Tyler Road ADDRESS: Charleston, WV 25313

Operator's Well Number

Mamba Unit 2H 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
A: BRC Appalachian Minerals I LLC Lease			
BRC Appalachian Minerals I LLC	BRC Working Interest Company LLC	1/8	0369/0300
BRC Working Interest Company LLC	Chesapeake Appalachia LLC	Assignment	0369/0784
Chesapeake Appalachia LLC	Statoil USA Onshore Properties Inc	Assignment	0378/0764
Statoil USA Onshore Properties Inc	SWN Exchange Titleholder LLC	Assignment	0470/0668
SWN Exchange Titleholder LLC	EQT Production Company	Assignment	0539/0239
<b>EQT Production Company</b>	Antero Resources Corporation	Assignment	0663/0001
D: TMP Properties, LLC Lease			
TMP Properties, LLC	Antero Resources Corporation	1/8+	0070/0197
E: Judy P. Meyers Lease			
Judy P. Meyers	Antero Resources Corporation	1/8+	0002/0044
M: Jeffrey Seckman Lease			
Jeffrey Seckman	Antero Resources Corporation	1/8+	0191/0097
L: David Wayne VanCamp, et ux Lease			
David Wayne VanCamp, et ux	Antero Resources Corporation	1/8+	0415/0756
O: James D. VanCamp Lease			
James D. VanCamp	Antero Resources Corporation	1/8+	0553/0693
Q: David E. Bowyer Lease			
David E. Bowyer	Antero Resources Corporation	1/8+	0191/0095
R: Christina L. Ebert Lease		RECEIVED  1/8+ Office of Oil &	Gas
Christina L. Ebert	Antero Resources Corporation	1/8+ Office of Office	0108/0694
St Comt A Baildoon of the Loren		CED 9.1 20	LL
S: Gary A. Midcap, et ux Lease Gary A. Midcap, et ux	Ambana Bassana a	JL1 -	
_	Antero Resources Corporation	1/8+  WV Departmental P	ent of <b>0070/0182</b> rotection
T: Gary A. Midcap, et ux Lease		EUMO	
Gary A. Midcap, et ux	Antero Resources Corporation	1/8+	0070/0182
U: Lee Morgan Lease			
Lee Morgan	Antero Resources Corporation	1/8+	0106/0557
V: BRC Appalachian Minerals I LLC Lease			
BRC Appalachian Minerals I LLC	BRC Working Interest Company LLC	1/8	0369/0300
BRC Working Interest Company LLC	Chesapeake Appalachia LLC	Assignment	0369/0784
Chesapeake Appalachia LLC	Statoil USA Onshore Properties Inc	Assignment	0378/0764
Statoil USA Onshore Properties Inc	SWN Exchange Titleholder LLC	Assignment	0470/0668
SWN Exchange Titleholder LLC	EQT Production Company	Assignment	10/14/49932

Operator's Well Number

Mamba Unit 2H 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
EQT Production Company	Antero Resources Corporation	Assignment	0663/0001
W: James D. VanCamp, et ux Lease			
James D. VanCamp, et ux	Antero Resources Corporation	1/8+	0664/0478
Y: William G. Baker Lease			
William G. Baker	Antero Resources Corporation	1/8+	0016/0488
Z: Gary A. Midcap, et ux Lease			
Gary A. Midcap, et ux	Antero Resources Corporation	1/8+	0070/0182
AC: Beverly Kay Campbell Lease			
Beverly Kay Campbell	Antero Resources Corporation	1/8+	0012/0572
AF: Michael Stillwagner Lease			
Michael Stillwagner	Stone Energy Corporation	1/8	0421/0168
Stone Energy Corporation	<b>EQT Production Company</b>	Assignment	0556/0132
EQT Production Company	Antero Resources Corporation	Assignment	0662/0686
AE: Don A. Stertzbach, et ux Lease			
Don A. Stertzbach, et ux	Stone Energy Corporation	1/8	0419/0667
Stone Energy Corporation	EQT Production Company	Assignment	0556/0132
EQT Production Company	Antero Resources Corporation	Assignment	0662/0686

<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.



WW-6A1 (5/13)

Operator's Well No.	Mamba Unit 2H MOD
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Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
AF: Michael Stillwagner Lease				
	Michael Stillwagner	Stone Energy Corporation	1/8	0421/0168
	Stone Energy Corporation	EQT Production Company	Assignment	0556/0132
	<b>EQT Production Company</b>	Antero Resources Corporation	Assignment	0662/0686

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#### Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, RECEIVED Gas Office of Oil & Gas Office of Oil and Gas, including but not limited to the following: SEP 21 2022

- 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	(n. ledy		
Its:	Senior Vice	President of Land	_	

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