



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 BUSCH UNIT 3H
47-103-03406-00-00

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: BUSCH UNIT 3H
Farm Name: WILLIAM L. & DELORES J. GADD
U.S. WELL NUMBER: 47-103-03406-00-00
Horizontal 6A New Drill
Date Modification Issued: August 2, 2021

Promoting a healthy environment.

08/06/2021

C# 231572
\$ 5000
7/15/21

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

1) Well Operator: Antero Resources Corporation 494507062 ✓ 103-Wetzel ✓ Green ✓ Porters Falls 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Busch Unit 3H MOD ✓ Well Pad Name: Gadd Pad

3) Farm Name/Surface Owner: William L. & Delores J. Gadd ✓ Public Road Access: Eightmile Road

4) Elevation, current ground: 1223.8' Elevation, proposed post-construction: ~1223.8

5) Well Type (a) Gas X Oil _____ Underground Storage _____

Other _____

(b) If Gas Shallow X Deep _____

Horizontal X

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus Shale: 7400' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2850#

8) Proposed Total Vertical Depth: 7400' TVD ✓

9) Formation at Total Vertical Depth: Marcellus ✓

10) Proposed Total Measured Depth: 20900' ✓

11) Proposed Horizontal Leg Length: 11926' ✓

12) Approximate Fresh Water Strata Depths: 350' ✓

13) Method to Determine Fresh Water Depths: 47-095-02266 ✓

14) Approximate Saltwater Depths: 1887', 1917' ✓

15) Approximate Coal Seam Depths: 656', 971' ✓

16) Approximate Depth to Possible Void (coal mine, karst, other): None Anticipated

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No X

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

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Environmental Protection

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#	20900 ✓	20900	5339 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

Bryan Harris
7-28-21

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"	0.438"	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							

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PACKERS

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

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

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21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 34.16 acres ^{WV Department of Environmental Protection}

22) Area to be disturbed for well pad only, less access road (acres): 17.00 acres

23) Describe centralizer placement for each casing string:

Conductor: no centralizers

Surface Casing: one centralizer 10' above the float shoe, one on the insert float collar and one every 4th joint spaced up the hole to surface.

Intermediate Casing: one centralizer above float joint, one centralizer 5' above float collar and one every 4th collar to surface.

Production Casing: one centralizer at shoe joint and one every 3 joints to top of cement in intermediate casing.

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

Conductor: no additives, Class A cement.

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:

[Empty box for proposed borehole conditioning procedures]

*Note: Attach additional sheets as needed.



47103026890000

47103301140000

47103301220000

Busch Unit 3H

47103311220001

47103311220000

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Antero Resources Corporation

Busch Unit 3H - AOR



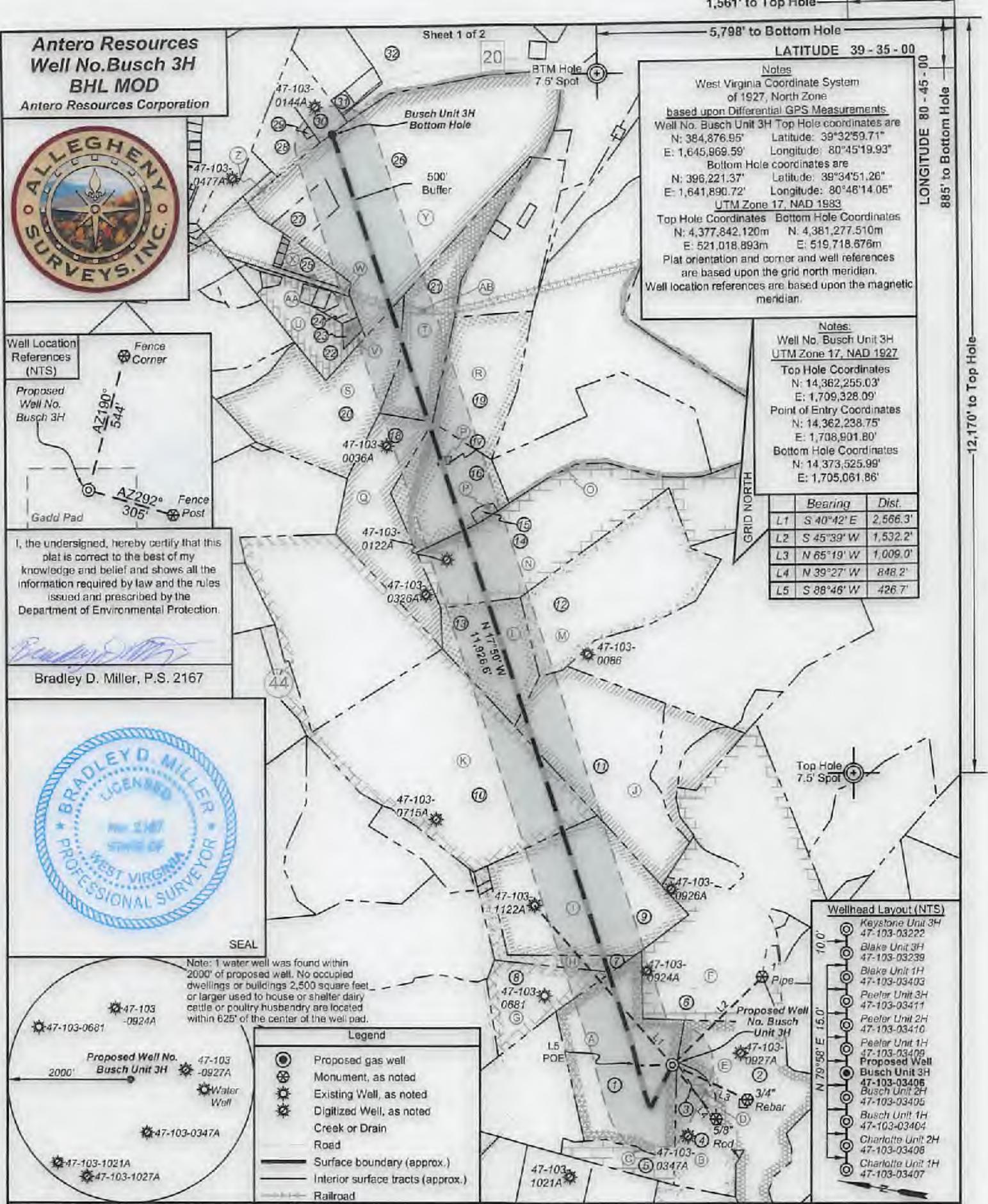
- WELL SYMBOLS
-  Abandoned Oil and Gas Well
 -  Gas Well
 -  Plugged Gas Well

April 29, 2021

08/06/2021

UWI (APINum)	Well Name	Well Number	Operator	Historical Operator	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
47103301140000	J F KOCHER	1	Orphan Well	Orphan Well	1,788	Unknown	Mauch Chunk Grp, Big Injun	Weir, Berea, Benson, Alexander
47103311220000	J W STALEY	883	HOPE NATURAL GAS	HOPE NATURAL GAS	2,011	Unknown	Big Injun	Alexander, Weir
47103026890000	WEEKLEY	2H	EQT PRODUCTION CO	STONE ENERGY CORP	10,317	6970 - 10276	Marcellus	
47103301220000	CHARLES STACKPOLE	3			1,779	Unknown	Big Injun	Alexander, Weir

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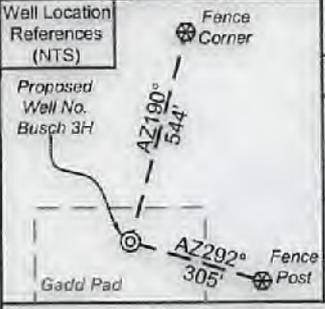
Antero Resources
Well No. Busch 3H
BHL MOD
 Antero Resources Corporation



Notes
 West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements
 Well No. Busch Unit 3H Top Hole coordinates are
 N: 384,876.95' Latitude: 39°32'59.71"
 E: 1,645,869.59' Longitude: 80°45'19.93"
 Bottom Hole coordinates are
 N: 396,221.37' Latitude: 39°34'51.26"
 E: 1,641,890.72' Longitude: 80°46'14.05"
UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,377,842.120m N: 4,381,277.510m
 E: 521,018.893m E: 519,718.676m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Notes:
 Well No. Busch Unit 3H
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 Top Hole Coordinates
 N: 14,362,255.03'
 E: 1,709,328.09'
 Point of Entry Coordinates
 N: 14,362,238.75'
 E: 1,708,901.80'
 Bottom Hole Coordinates
 N: 14,373,525.99'
 E: 1,705,061.86'

	Bearing	Dist.
L1	S 40°42' E	2,566.3'
L2	S 45°39' W	1,532.2'
L3	N 65°19' W	1,009.0'
L4	N 39°27' W	848.2'
L5	S 88°46' W	426.7'



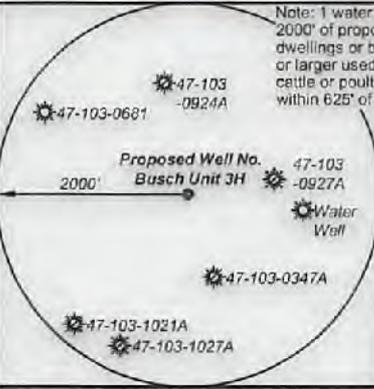
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller, P.S. 2167



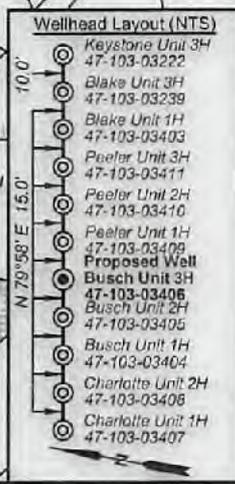
SEAL

Note: 1 water well was found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



Legend

- Proposed gas well
- Monument, as noted
- Existing Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- Railroad



FILE NO: 235-34-G-17
 DRAWING NO: Busch 3H Well Plat
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

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

DATE: July 19 2021
 OPERATOR'S WELL NO. Busch Unit 3H
 API WELL NO MOD
 47 - 103 - 03406
 STATE COUNTY PERMIT

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

DISTRICT: Green William L. & Donald VanDyke (2); Rita Cain Sherman; Richards Resources; COUNTY: Wayne 08/06/2021
 SURFACE OWNER: Delores J. Gadd Bradley Warren Ueltschy; Ridgeway Royalties, LLC; Richard B. Dallison, et ux; ACREAGE: 60.5 57.38; 40; 138;
 ROYALTY OWNER: Shiben Estates, Inc. (2); Mildred Caseman; Sielger Family Trust; WDMR (2); LEASE NO: ACREAGE: 13; 69.5; 51.07; 37;
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD ESTIMATED DEPTH: 7,400' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,900' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: 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. Busch 3H
BHL MOD
 Antero Resources Corporation



ID	TMP/Par	Owner	Bk/Pg	Acres
1	16-22	William L. & Delores J. Gadd	348/169	60.50
2	16-23	Kenneth E. Butler	331/110	50.97
3	16-31	William L. & Delores J. Gadd	348/169	2.65
4	16-30	William L. & Delores J. Gadd	348/169	14.00
5	16-47	William M. Greenawall & Lee A. Niezgoda	387/1	12.00
6	16-10	Loren & Shirley Haught	444/434	100.48
7	16-21.3	Mildred E. Caseman	WB45/396	12.00
8	16-21.2	Mildred E. Caseman	WB45/396	20.06
9	16-9	Richard A. & Susan L. Gardner	341/261	66.50
10	12-55	Bradley W. Ueltschy	330/37	100.00
11	12-56	Ronald K. Burgess	WB25/275	69.37
12	12-51	James Gail Morgan, Jr.	300/3	60.00
13	12-41	Robert W. & Bradley W. Ueltschy	341/261	29.00
14	13-27	Donald P. Vandyke & Mark L. Vandyke	410/241	123.80
15	12-42.2	Donald P. Vandyke & Mark L. Vandyke	410/241	1.00
16	12-42	Donald P. Vandyke & Mark L. Vandyke	410/241	29.65
17	12-42.1	Donald P. Vandyke & Mark L. Vandyke	410/241	0.35
18	12-50	Richard B. & Jaynee C. Dallison	399/288	37.00
19	12-32	Donald P. Vandyke & Mark L. Vandyke	410/241	38.00
20	12-30	Martin E. Rogers	363/413	51.08
21	12-31	Bruce Allen Lawhorne, et al	419/878	40.00
22	12-20.1	Benita K. & Jerome E. Staley, II	415/329	13.34
23	12-29	Benita K. & Jerome E. Staley, II	415/329	1.50
24	12-28	Benita K. & Jerome E. Staley, II	415/329	2.05
25	12-10	Charles & Wilda Lee Loy	299/009	4.85
26	12-11	Timothy L. & Michael A. McDiffitt	385/189	131.34
27	12-11.1	Timothy L. & Tammy D. McDiffitt	431/389	6.66
28	7-54	James Ronald Long	283/207	10.00
29	7-55	Cheryl Janette & Gary Lyn Harman	420/756	0.25
30	7-56	April D. Lancaster	410/707	8.80
31	8-35	George Woolter	286/203	1.00
32	8-36	Holbert W. Carrel Sr.	416/390	72.68

Leases	
A	Shiben Estates, Inc.
B	David A. Dickey
C	Sandra Rose Conley
D	John W. Bartram
E	BRC Appalachian Minerals I, LLC
F	Gordon Cummings
G	Mildred Caseman
H	Sielger Family Trust
I	Thomas E. Morris
J	Chesapeake Appalachia, LLC
K	Lee & Hall Royalties
L	Bradley Warren Ueltschy
M	James Gail Morgan, Jr.
N	Shiben Estates, Inc.
O	WV Division of Natural Resources
P	Donald VanDyke
Q	Richard B. Dallison, et ux
R	Donald VanDyke
S	Ridgetop Royalties, LLC
T	Rita Cain Sherman
U	Bounty Minerals, LLC
V	Benita K. & Jerome E. Staley, II
W	Raymond P. Gaston, et ux
X	Raymond P. Gaston, et ux
Y	Richards Resources
Z	WV Division of Natural Resources
AA	Robert D. Loy, et ux
AB	CNX Transportation, Inc.

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1,561' to Top Hole

5,798' to Bottom Hole

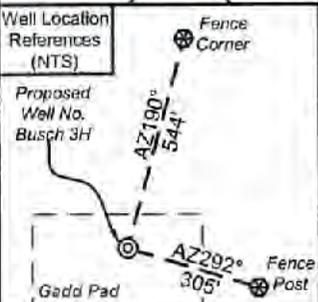
LATITUDE 39 - 35 - 00

LONGITUDE 80 - 45 - 00

12,170' to Top Hole

Antero Resources Well No. Busch 3H BHL MOD

Antero Resources Corporation



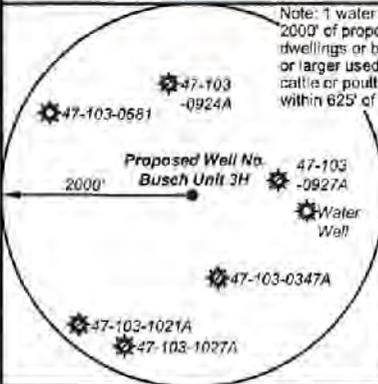
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SEAL

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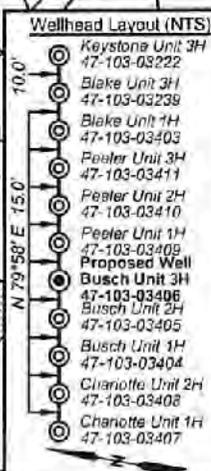
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I	Thomas E. Morris
J	Chesapeake Appalachia, LLC
K	Lee & Hall Royalties
L	Bradley Warren Ueltschy
M	James Gail Morgan, Jr.
N	Shiben Estates, Inc.
O	WV Division of Natural Resources
P	Donald VanDyke
Q	Richard B. Dallison, et ux
R	Donald VanDyke
S	Ridgetop Royalties, LLC
T	Rita Cain Sherman
U	Bounty Minerals, LLC
V	Benita K. & Jerome E. Staley, II
W	Raymond P. Gaston, et ux
X	Raymond P. Gaston, et ux
Y	Richards Resources
Z	WV Division of Natural Resources
AA	Robert D. Loy, et ux
AB	CNX Transportation, Inc.

RECEIVED
 Office of Oil and Gas

JUL 21 2021

WV Department of
 Environmental Protection

FILE NO: 235-34-G-17
 DRAWING NO: Busch 3H Well Plat
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY:
 Submeter
 PROVEN SOURCE OF ELEVATION:
 CORS, Monroe County, OH

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



DATE: July 19 2021
 OPERATOR'S WELL NO. Busch Unit 3H
 API WELL NO MOD
 47 - 103 - 03406
 STATE COUNTY PERMIT

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
 DISTRICT: Green William L. & Donald VanDyke (2); Rita Cain Sherman; Richards Resources; COUNTY: Wayne
 SURFACE OWNER: Delores J. Gadd Bradley Warren Ueltschy; Ridgetop Royalties, LLC; Richard B. Dallison, et ux; ACREAGE: 60.5
 ROYALTY OWNER: Shiben Estates, Inc. (2); Mildred Caseman; Sielger Family Trust; WDNR (2); LEASE NO: ACREAGE: 60.5; 57.38; 40; 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: 7,400' TVD
 20,900' MD

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

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	<u>Shiben Estates Inc. Lease (TM 16 PCL 22)</u> Shiben Estates Inc.	Antero Resources Corporation	1/8+	0176/0467
G	<u>Mildred Caseman Lease</u> Mildred Caseman	Antero Resources Corporation	1/8+	0240/0093
H	<u>Siegler Family Trust Lease</u> Siegler Family Trust	Antero Resources Corporation	1/8+	0184/0070
I	<u>Thomas E. Morris Lease</u> Thomas E. Morris	Antero Resources Corporation	1/8+	0162/0479
K	<u>Lee & Hall Royalties Lease</u> Lee & Hall Royalties	Antero Resources Corporation	1/8+	0246/0701
J	<u>Chesapeake Appalachian LLC Lease</u> Chesapeake Appalachian LLC SWN Production Company Antero Exchange Properties LLC	SWN Production Company Antero Exchange Properties LLC Antero Resources Corporation	1/8+	0157/0640 0177/0533 0013/0311
L	<u>Bradley Warren Ueltschy Lease</u> Bradley Warren Ueltschy	Antero Resources Corporation	1/8+	0249/0748
N	<u>Shiben Estates Inc. Lease (TM 13 PCL 27)</u> Shiben Estates Inc.	Antero Resources Corporation	1/8+	0176/0467
P	<u>Donald VanDyke Lease</u> Donald VanDyke	Antero Resources Corporation	1/8+	0259/0556
R	<u>Donald Paul VanDyke Lease</u> Donald VanDyke	Antero Resources Corporation	1/8+	0208/0539
Q	<u>Richard B. Dallison et ux Lease</u> Richard B. Dallison et ux	Antero Resources Corporation	1/8+	0253/0565
S	<u>David E. Bowyer Lease</u> David E. Bowyer	Antero Resources Corporation	1/8+	0253/0565

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 Assignment
 Merger
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 WV Department of
 Environmental Protection

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Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
<u>Rita Cain Sherman Lease</u>			
Rita Cain Sherman	Central Michigan Exploration LLC	1/8	103A/381
Central Michigan Exploration LLC	Stone Energy Corporation	Assignment	102A/869
Stone Energy Corporation	EQT Production Company	Assignment	183A/305
EQT Production Company	Antero Resources Corporation	Assignment	230A/801
<u>Ridgetop Royalties LLC Lease</u>			
Ridgetop Royalties LLC	Antero Resources Corporation	1/8+	231A/818

**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
<u>Richard Resources Lease</u>	Richard Resources	Antero Resources Corporation	1/8+	0173/0109

*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

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WV Department of
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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: VP of Land

*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



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

Expedited Modification H6A Horizontal Well Work Permit (API: 47-103-03406)

1 message

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

Tue, Aug 3, 2021 at 7:33 AM

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

Cc: "Harris, Bryan O" <bryan.o.harris@wv.gov>, Scott Lemley <slemley@wvassessor.com>

I have attached a copy of the newly issued well [permit](#) number "BUSCH UNIT 3H", API (47-103-03406). 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

 **47-103-03406 - mod.pdf**
1161K

08/06/2021