



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, November 1, 2021
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for DAAGS UNIT 1H
47-103-03425-00-00

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: DAAGS UNIT 1H
Farm Name: DALLISON LUMBER, INC.
U.S. WELL NUMBER: 47-103-03425-00-00
Horizontal 6A New Drill
Date Modification Issued: 11/2/2021

Promoting a healthy environment.

11/05/2021



Antero Resources
1615 Wynkoop St.
Denver, CO 80202
Office: 303.357.7310
Fax: 303.357.7315

RECEIVED
Office of Oil and Gas

OCT. 14 2021

WV Department of
Environmental Protection

October 11, 2021

West Virginia Department of Environmental Protection
Office of Oil and Gas
Attn: James Martin
601 57th Street
Charleston, WV 25304

Mr. Martin:

Antero Resources Corporation (Antero) would like to submit the following applications for modifications of well work permits to explore/develop the Marcellus Shale. Our **Wetzel** project is located in Wetzel County, WV. On the **existing Dogwood Pad** are **three (3) horizontal** shallow wells (Daags Unit 1H, Orner Unit 1H and Orner Unit 2H) that we are requesting approval to drill deeper to extend the laterals.

Attached you will find the following:

- Permit Application packages

If you have any questions please feel free to contact me at (304) 842-4153 or by email at mhamsher@anteroresources.com.

Thank you in advance for your consideration.

Sincerely,

A handwritten signature in blue ink, appearing to read "Melissa Hamsher", written over a white background.

Melissa Hamsher
Permitting Agent
Antero Resources Corporation

Enclosures

11/05/2021

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

1) Well Operator: Antero Resources Corporal 494507062 103-Wetzel Green Pine Grove 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Daags Unit 1H Well Pad Name: Dogwood Pad

3) Farm Name/Surface Owner: Dallison Lumber Inc. Public Road Access: CO. Route 50

4) Elevation, current ground: 1308' Elevation, proposed post-construction: _____

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

Other _____

(b)If Gas Shallow Deep _____

Horizontal _____

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus Shale: 7600' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2800#

8) Proposed Total Vertical Depth: 7600' TVD

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 20200' MD

11) Proposed Horizontal Leg Length: 16258'

12) Approximate Fresh Water Strata Depths: 539'

13) Method to Determine Fresh Water Depths: 47-095-30941

14) Approximate Saltwater Depths: 2341' (47-095-30941)

15) Approximate Coal Seam Depths: 815' (47-103-31064)

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

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

Depth: _____

Seam: _____

Owner: _____

18)

CASING AND TUBING PROGRAM

TYPE	<u>Size (in)</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling (ft)</u>	<u>INTERVALS: Left in Well (ft)</u>	<u>CEMENT: Fill-up (Cu. Ft.)/CTS</u>
Conductor	20"	New	H-40	94#	80	80 ✓	CTS, 218 Cu. Ft.
Fresh Water	13-3/8"	New	J-55	54.5#	589	589 ✓	CTS, 532 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#	20200	20200 ✓	4718 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

Bryan Hannon
10-13-21

TYPE	<u>Size (in)</u>	<u>Wellbore Diameter (in)</u>	<u>Wall Thickness (in)</u>	<u>Burst Pressure (psi)</u>	<u>Anticipated Max. Internal Pressure (psi)</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
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 ✓	9300	Lead-H/POZ & Tail - 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			

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

Drill, perforate, fracture a new horizontal shallow well and complete 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): 35.9

22) Area to be disturbed for well pad only, less access road (acres): 15.40

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:

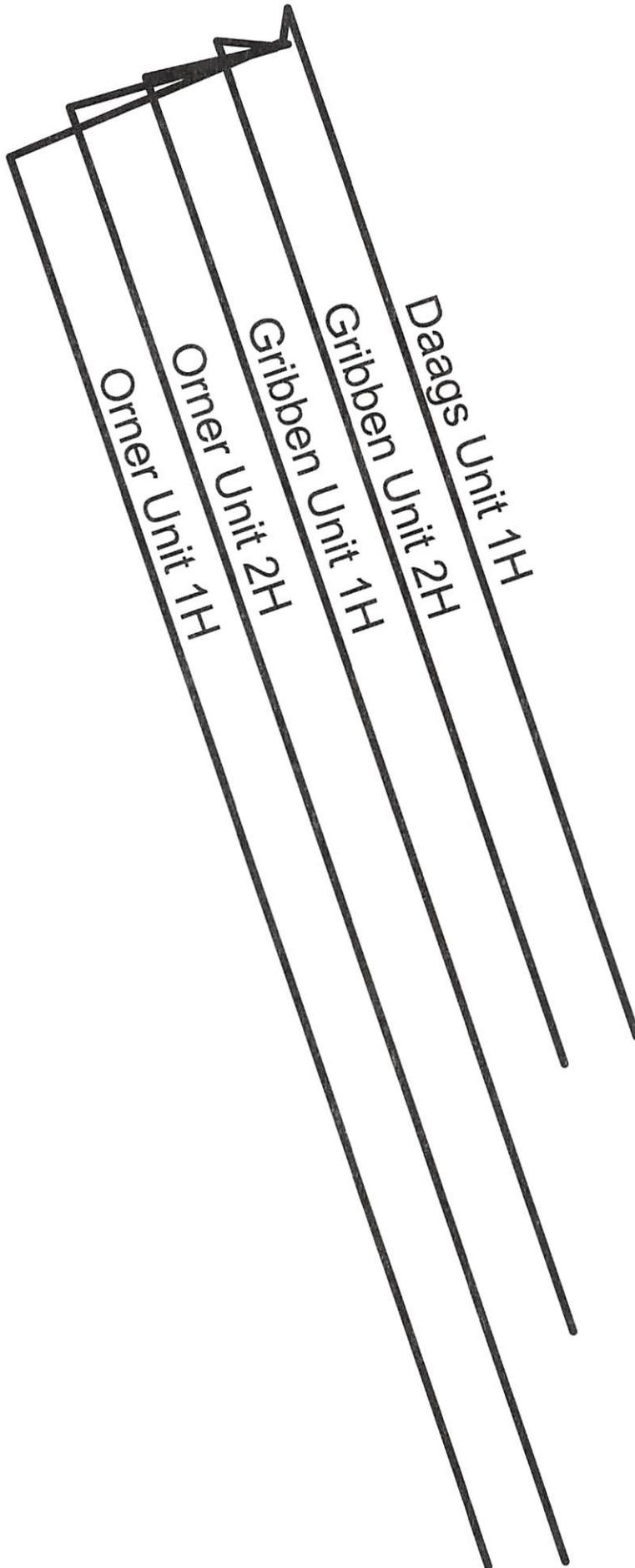
Conductor: blowhole clean with air, run casing, 10 bbls fresh water.

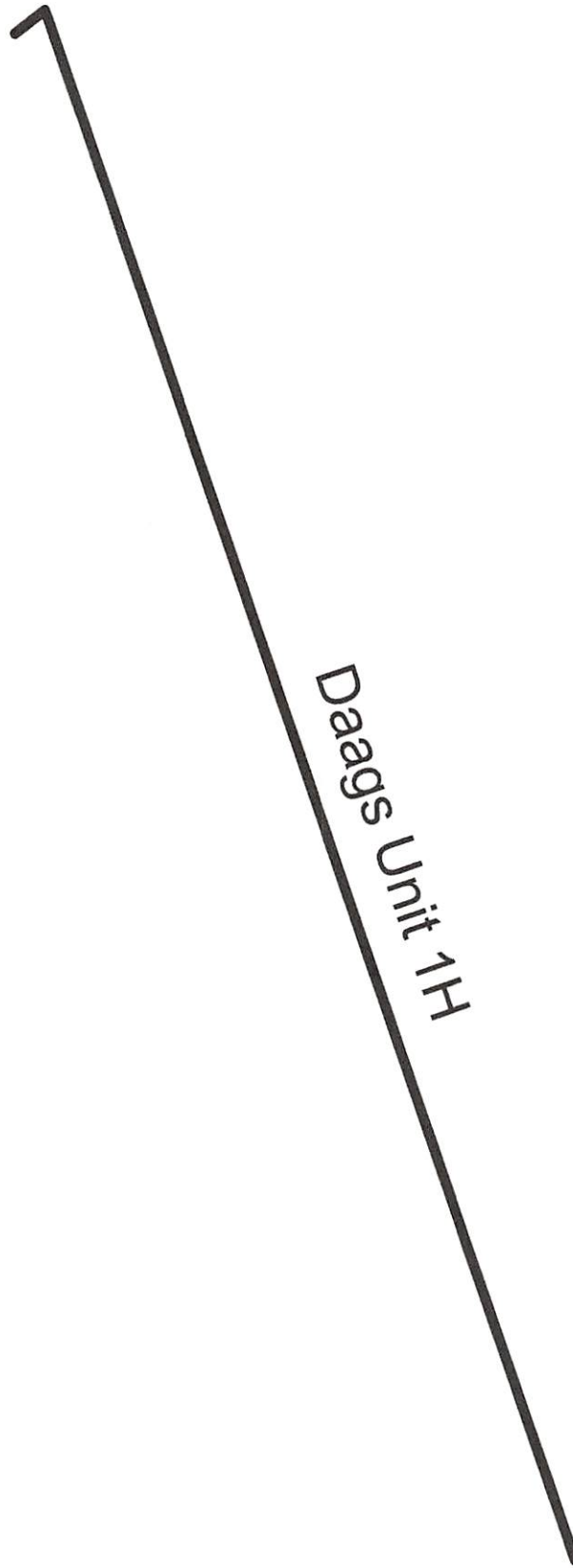
Surface: blowhole clean with air, trip to conductor shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate pipe capacity + 40 bbls fresh water followed by 25 bbls bentonite mud, 10 bbls fresh water spacer.

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.





Daags Unit 1H



Antero Resources Corporation

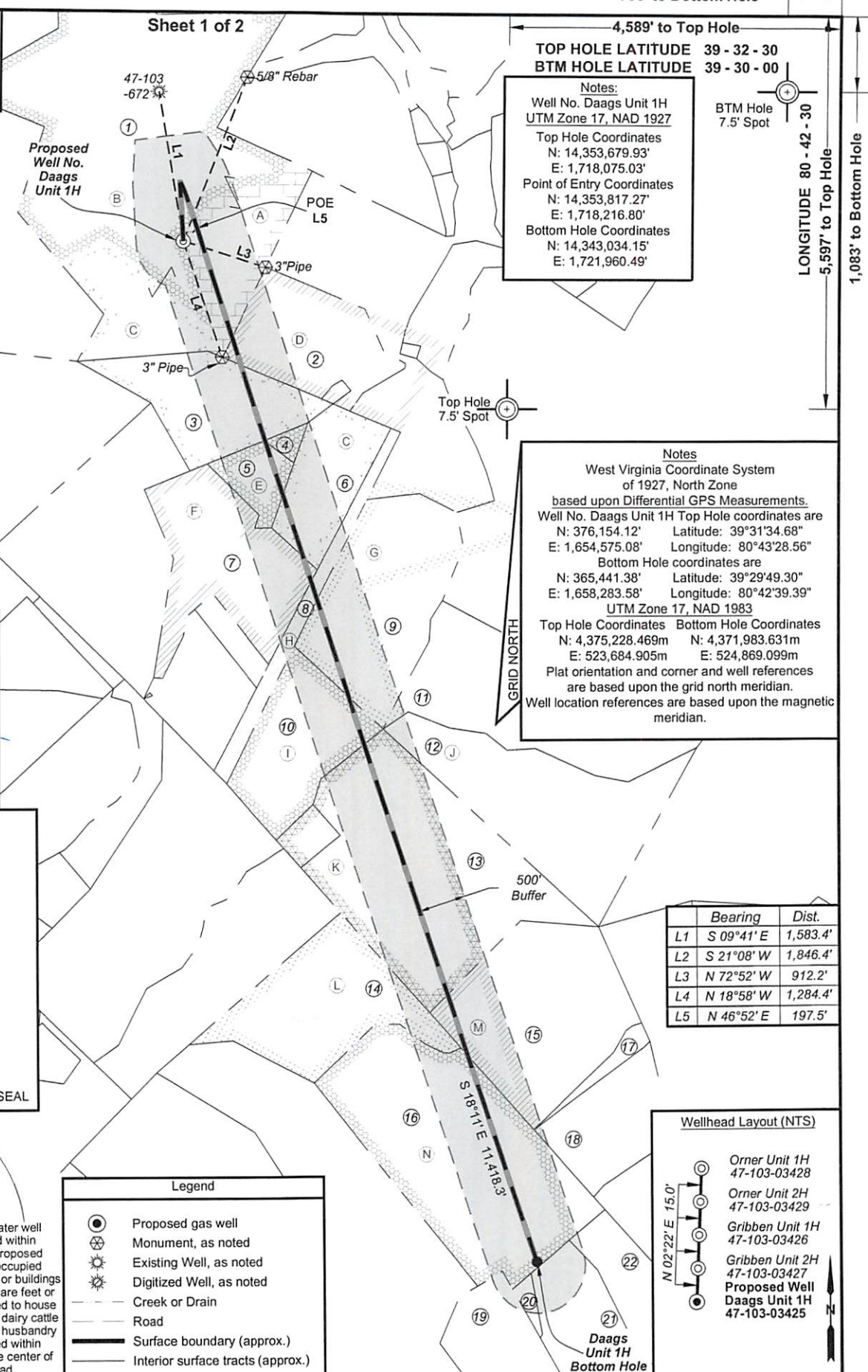
Daags Unit 1H - AOR



October 29, 2021

11/05/2021

Antero Resources
Well No. Daags 1H
BHL MOD
 Antero Resources Corporation

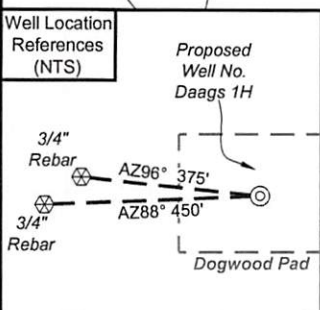


736' to Bottom Hole
 4,589' to Top Hole
TOP HOLE LATITUDE 39 - 32 - 30
BTM HOLE LATITUDE 39 - 30 - 00

Notes:
 Well No. Daags Unit 1H
 UTM Zone 17, NAD 1927
 Top Hole Coordinates
 N: 14,353,679.93'
 E: 1,718,075.03'
 Point of Entry Coordinates
 N: 14,353,817.27'
 E: 1,718,216.80'
 Bottom Hole Coordinates
 N: 14,343,034.15'
 E: 1,721,960.49'

BTM Hole
 7.5' Spot

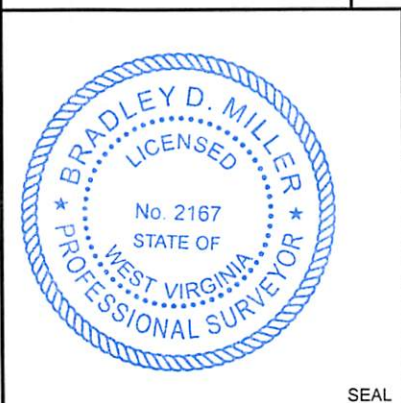
LONGITUDE 80 - 42 - 30
 5,597' to Top Hole
 1,083' to Bottom Hole



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.

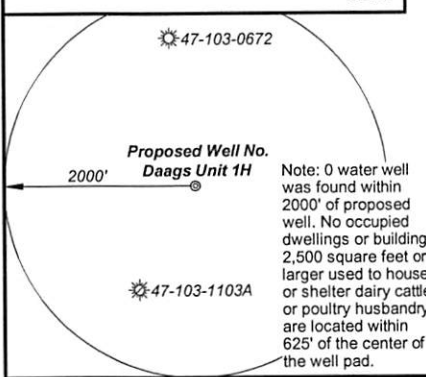
Bradley D. Miller

Bradley D. Miller, P.S. 2167



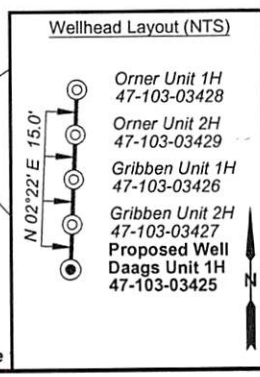
Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Daags Unit 1H Top Hole coordinates are
 N: 376,154.12' Longitude: 80°43'28.56"
 E: 1,654,575.08' Longitude: 80°42'39.39"
 Bottom Hole coordinates are
 N: 365,441.38' Longitude: 80°42'39.39"
 E: 1,658,283.58' Longitude: 80°42'39.39"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates N: 4,375,228.469m E: 523,684.905m
 Bottom Hole Coordinates N: 4,371,983.631m E: 524,869.099m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

	Bearing	Dist.
L1	S 09°41' E	1,583.4'
L2	S 21°08' W	1,846.4'
L3	N 72°52' W	912.2'
L4	N 18°58' W	1,284.4'
L5	N 46°52' E	197.5'



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.)



FILE NO: 325-34-G-17
 DRAWING NO: Daags 1H BHL MOD
 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: September 29 2021
 OPERATOR'S WELL NO. Daags Unit 1H
 API WELL NO 110D
 47 - 103 - 03425
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,308' WATERSHED: Fishing Creek QUADRANGLE: TH: Pine Grove BH: Center Point

DISTRICT: Green Dallison COUNTY: Wayne
 SURFACE OWNER: Lumber, Inc. JOYCE E. HENRY REVOCABLE LIVING TRUST; LUCIUS HOGE, ET AL; SHIBEN ESTATES, INC. (2); S.A SMITH, ET AL; ROBERT OKEY WHITING; LEASE NO: ACREAGE: 60.5
 ROYALTY OWNER: JOAN B. HOGE TRUST; WACO OIL & GAS CO. INC.; BRC APPALACHIAN MINERALS I, LLC; ACREAGE: 15.51; 122.7; 13.25

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: 7,600' TVD 20,200' 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



ID	TM/Par	Owner	Bk/Pg	Acres
1	20-13	Dallison Lumber Inc.	440/243	208.00
2	20-17	Christopher N. Kise	420/812	34.30
3	20-25	Unknown Owner	---/---	42.00
4	20-36	Louisa Bassett	165/304	1.50
5	20-35	Louisa Bassett & Mrs. Irvin Bassett	168/157	72.00
6	20-33	David Edward Arthurs, et al	347/49	26.50
7	20-32	Tony E. & Marion L. Crabtree	365/337	43.50
8	20-34	Columbia Gas Transmission Corp.	263/164	12.00
9	20-35	Louisa Bassett & Mrs. Irvin Bassett	168/157	62.00
10	22-8	Robert P. & Carolyn J. Kocher	291/332	42.12
11	22-9	Coastal Forest Resources Co.	444/105	94.80
12	22-17	Gerald W. Dulaney	364/110	58.20
13	22-16	Dallison Lumber Inc.	353/112	95.10
14	22-29	Timothy L. Yoho	377/411	50.00
15	22-22	Everett F. & Linda Coen	248/442	8.00
16	22-34.1	Coastal Forest Resources Co.	444/105	129.00
17	22-26	San-dee N. Stradley, et al	424/12	6.99
18	22-30	Donna J. Nixon	W84/662	23.00
19	25-2	Coastal Forest Resources Co.	444/105	61.93
20	22-35	Blue Racer Midstream, LLC	471/226	2.25
21	22-36	Sandra K. Brown	W58/552	28.80
22	22-37	Sandra K. Brown	W58/552	27.00

Leases	
A	Joan B. Hoge Trust
B	Waco Oil & Gas Company Inc.
C	BRC Appalachian Minerals I, LLC
D	Morris Mountaineer Oil & Gas, LLC
E	Shiben Estates, Inc.
F	Franklin D. & Lilly M. Tennant
G	Shiben Estates, Inc.
H	Antero Minerals, LLC
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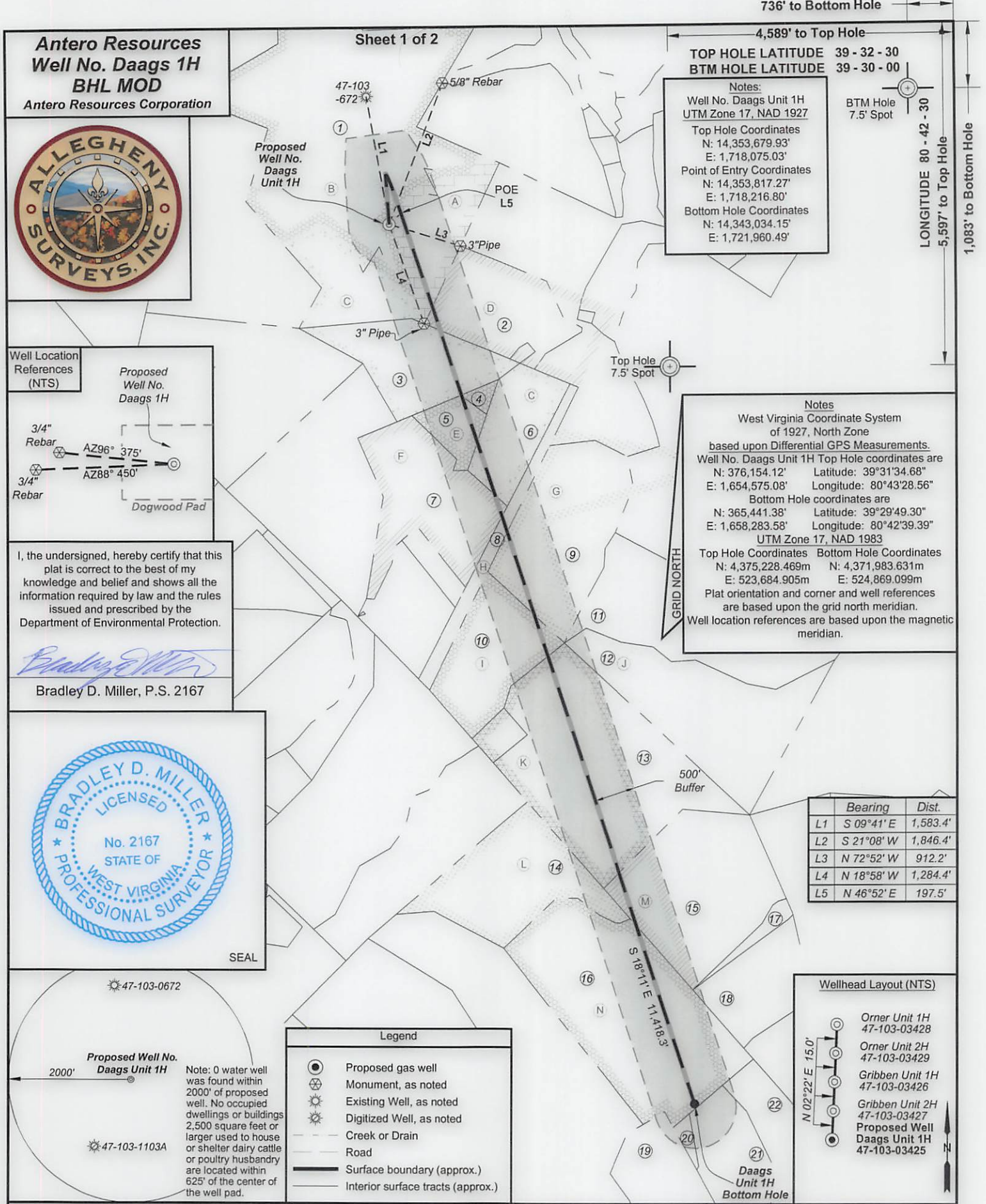
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: September 29 2021
 OPERATOR'S WELL NO. Daags Unit 1H
 API WELL NO ~~100~~
 47 - 103 - 03425
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,308' WATERSHED: Fishing Creek QUADRANGLE: TH: Pine Grove BH: Center Point
 DISTRICT: Green Dallison Franklin D. & Lilly M. Tennant; Morris Mountaineer Oil & Gas, LLC; COUNTY: Wayne 127.5000; 43.5;
 SURFACE OWNER: Lumber, Inc. Tribune Resources Minerals, LLC; Antero Minerals, LLC; 23.0; 137.9125;
 ROYALTY OWNER: Joan B. Hoge Trust; Waco Oil & Gas Co. Inc.; BRC Appalachian Minerals I, LLC; LEASE NO: ACREAGE: 60.5 68.9563; 264.75;
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 42.125; 74.90; 50;
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,200' MD 7,600' TVD

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Antero Resources
Well No. Daags 1H
BHL MOD
 Antero Resources Corporation

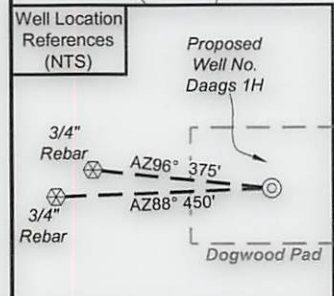


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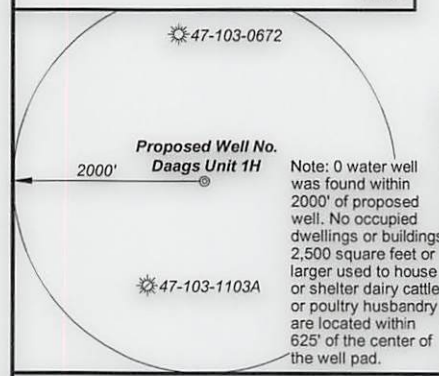
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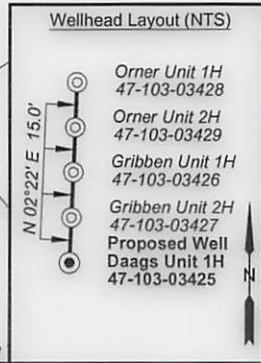
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DATE: September 29 2021
 OPERATOR'S WELL NO. Daags Unit 1H
 API WELL NO MOD
 47 - 103 - 03425
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,308' WATERSHED: Fishing Creek QUADRANGLE: TH: Pine Grove
 DISTRICT: Green Dallison COUNTY: Wayne BH: Center Point
 SURFACE OWNER: Lumber, Inc. Franklin D. & Lilly M. Tennant; Morris Mountaineer Oil & Gas, LLC; Tribune Resources Minerals, LLC; Antero Minerals, LLC; Joyce E. Henry Revocable Living Trust; Lucius Hoge, et al; Shiben Estates, Inc. (2); S.A. Smith, et al; Robert Okey Whiting; 11/05/2021
 ROYALTY OWNER: Joan B. Hoge Trust; Waco Oil & Gas Co. Inc.; BRC Appalachian Minerals I, LLC; LEASE NO: ACREAGE: 60.5 68,9563; 264.75; 42.125; 74.90; 50; 15.51; 122.7; 13.25

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 7,600' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,200' 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

WW-6A1

Operator's Well Number Daags 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
B	<u>Waco Oil & Gas, Inc. Lease</u> Waco Oil & Gas, Inc.	Antero Resources Corporation	1/8+	0184/0741
A	<u>Joan B. Hoge Trust Lease</u> Joan B. Hoge Trust	Antero Resources Corporation	1/8+	219A/0200
D	<u>Morris Mountaineer Oil & Gas, LLC Lease</u> Morris Mountaineer Oil & Gas, LLC	Antero Resources Corporation	1/8+	257A/0400
	<u>BRC Appalachian Minerals I, LLC Lease</u>			
	BRC Appalachian Minerals I, LLC	BRC Working Interest Company, LLC	1/8+	102A/0505
C	BRC Working Interest Company, LLC	Chesapeake Appalachia, LLC	Assignment	103A/0470
	Chesapeake Appalachia, LLC	Statoil USA Onshore Properties, Inc.	Assignment	120A/0109
	Statoil USA Onshore Properties, Inc.	SWN Exchange Title Holder LLC	Assignment	158A/0801
	SWN Exchange Title Holder LLC	SWN Production Company, LLC	Merger	0013/0296
	SWN Production Company, LLC	Antero Exchange Properties LLC	Assignment	177A/0533
	Antero Exchange Properties LLC	Antero Resources Corporation	Merger	0013/0311
E	<u>Shiben Estates, Inc Lease</u> Shiben Estates, Inc	Antero Resources Corporation	1/8+	198A/0540
	<u>BRC Appalachian Minerals I, LLC Lease</u>			
	BRC Appalachian Minerals I, LLC	BRC Working Interest Company, LLC	1/8+	102A/0505
C	BRC Working Interest Company, LLC	Chesapeake Appalachia, LLC	Assignment	103A/0470
	Chesapeake Appalachia, LLC	Statoil USA Onshore Properties, Inc.	Assignment	120A/0109
	Statoil USA Onshore Properties, Inc.	SWN Exchange Title Holder LLC	Assignment	158A/0801
	SWN Exchange Title Holder LLC	SWN Production Company, LLC	Merger	0013/0296
	SWN Production Company, LLC	Antero Exchange Properties LLC	Assignment	177A/0533
	Antero Exchange Properties LLC	Antero Resources Corporation	Merger	0013/0311
	<u>Franklin D. and Lily M. Tennant Lease</u>			
F	Franklin D. Tennant and Lily M. Tennant	Stone Energy Corporation	1/8+	139A/0305
	Stone Energy Corporation	EQT Production Company	Assignment	183A/0305
	EQT Production Company	Antero Resources Corporation	Assignment	230A/0883
H	<u>Antero Minerals, LLC Lease</u> Antero Minerals, LLC	Antero Resources Corporation	1/8	0481/0515
G	<u>Shiben Estates, Inc Lease</u> Shiben Estates, Inc	Antero Resources Corporation	1/8+	198A/0540

11/05/2021

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Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
<u>S.A.Smith, et al Lease</u>			
J S.A.Smith, et al	R.S. Douglas	1/8	004A/0243
R.S. Douglas	Hope Natural Gas Company	Assignment	002A/0317
Hope Natural Gas Company	A.M Snider and Duane M Snider and Kathleen Rhinehart partners dba Hundred Gas Company	Assignment	044A/0485
A.M Snider and Duane M Snider and Kathleen Rhinehart partners dba Hundred Gas Company	Hundred Gas Company	Assignment	0256/0189
Hundred Gas Company	Carl D Perkins	Assignment	055A/0062
Carl D Perkins	Perkins Oil and Gas Inc	Assignment	075A/0621
Perkins Oil and Gas Inc	Stone Energy Corporation	Assignment	126A/0958
Stone Energy Corporation	EQT Production Company	Assignment	183A/0305
EQT Production Company	Antero Resources Corporation	Assignment	203A/0783
<u>Joyce E. Henry Revocable Living Trust Lease</u>			
K Joyce E. Henry Revocable Living Trust	Antero Resources Corporation	1/8+	228A/0654
<u>M Tribune Resources Minerals, LLC Lease</u>			
M Tribune Resources Minerals, LLC	Antero Resources Corporation	1/8+	248A/0647

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Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Lucius Hoge, et al	Lucius Hoge, et al	South Penn Oil Company	1/8	0048/0259
	South Penn Oil Company	Tri State Gas Company	Assignment	0059/0429
	Tri State Gas Company	Manufacturers Light and Heat Company	Assignment	009A/0141
	Manufacturers Light and Heat Company	A.M Snider and Duane M Snider partners dba Hundred Gas Company	Assignment	048A/0109
	A.M Snider and Duane M Snider partners dba Hundred Gas Company	Hundred Gas Company	Assignment	0256/0189
	Hundred Gas Company	Carl D Perkins	Assignment	055A/0062
	Carl D Perkins	Perkins Oil and Gas Inc	Assignment	075A/0621
	Perkins Oil and Gas Inc	Stone Energy Corporation	Assignment	126A/0958
	Stone Energy Corporation	EQT Production Company	Assignment	183A/0305
	EQT Production Company	Antero Resources Corporation	Assignment	203A/0783

RECEIVED
Office of Oil and Gas

OCT 14 2021

WV Department of
Environmental Protection

*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.

possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

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

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

Well Operator: Antero Resources Corporation
 By: Tim Rady
 Its: VP of Land



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

Modification Horizontal H6A Well Work Permit (API: 47-103-03425)

1 message

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

Tue, Nov 2, 2021 at 8:55 AM

To: mhamsher@anteroresources.com, Dani DeVito <ddevito@shalepro.com>, "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 "**DAAGS UNIT 1H**". 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

 **47-103-03425 - mod.pdf**
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11/05/2021