

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 22, 2022 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for READER 1H

47-103-03496-00-00

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: READER 1H

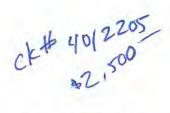
Farm Name: JAMES ALLEN SELL

U.S. WELL NUMBER: 47-103-03496-00-00

Horizontal 6A New Drill Date Modification Issued: 8/22/2022

Promoting a healthy environment.

WW-6B (04/15)



| API NO. 47- 103 | _ 03496 | | |
|-----------------|-----------|--------------------|---|
| OPERATOR W | ELL NO. | Reader Unit 1H MOD | / |
| Well Pad Nan | ne: Furbe | e Pad | |

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

| 1) Well Operator: Antero Resources Corporal 494507062 | 013-Wetzel Green / Pine Grove 7.5' |
|--|------------------------------------|
| 1) Well Operator: Aftero Resources Corporal 494007002 Operator ID | County District Quadrangle |
| 2) Operator's Well Number: Reader Unit 1H MOD / Well P | |
| 3) Farm Name/Surface Owner: James Allen Sell Public Ro | oad Access: Furbee Ridge Road |
| 4) Elevation, current ground: 1240' Elevation, propose | ed post-construction: ~1212' |
| 5) Well Type (a) Gas X Oil Un Other | nderground Storage |
| (b)If Gas Shallow X Deep Horizontal X | |
| 6) Existing Pad: Yes or No No | |
| 7) Proposed Target Formation(s), Depth(s), Anticipated Thickness Marcellus Shale: 7600' TVD, Anticipated Thickness- 55 feet, Associated Thickness- 55 feet, | 이 마르아, 이 교육에서 에너스 어느님이 되면 이렇게 했어. |
| 8) Proposed Total Vertical Depth: 7600' TVD | |
| 9) Formation at Total Vertical Depth: Marcellus | |
| 10) Proposed Total Measured Depth: 24700' MD | RECEIVED, COR |
| 11) Proposed Horizontal Leg Length: 15151.2' | Office of 11 2022 |
| 12) Approximate Fresh Water Strata Depths: 575' | AUG 1 1 2022 |
| 13) Method to Determine Fresh Water Depths: 4710330897000 | 00 Environmental Protession |
| 15) Approximate Coal Seam Depths: 973' | |
| 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: | |

API NO. 47- 103 - 03496

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

18)

CASING AND TUBING PROGRAM

| ТУРЕ | 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 | 79# | 80 | 80 | CTS, 77 Cu. Ft. |
| Fresh Water | 13-3/8" | New | J/K-55 | 54.5# | 625 | 625 | CTS, 651 Cu. Ft. |
| Coal | 9-5/8" | New | J/K-55 | 36# | 2500 | 2500 | CTS, 1018 Cu. Ft. |
| Intermediate | | | | | | | |
| Production | 5-1/2" | New | P-110CY | 20# | 24700 | 24700 | CTS, 5307 Cu. Ft. |
| Tubing | 2-3/8" | New | N-80 | 4.7# | | | |
| Liners | | | | | | | |

Month. Sheyolde 8-19-22

| 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" | 0.375" | 2250 | 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" | 14,360 | 2500 | Class G/H | ~1.18 |
| Tubing | 2-3/8" | 4.778" | 0.19" | 11,200 | | | |
| Liners | | | | | | | |

WW-6B (10/14) API NO. 47- 103 - 03496

OPERATOR WELL NO. Reader Unit 1H MOD

Well Pad Name: Furbee Pad

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): 30.09 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.

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

AUG 1 1 2022

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25) Proposed borehole conditioning procedures:

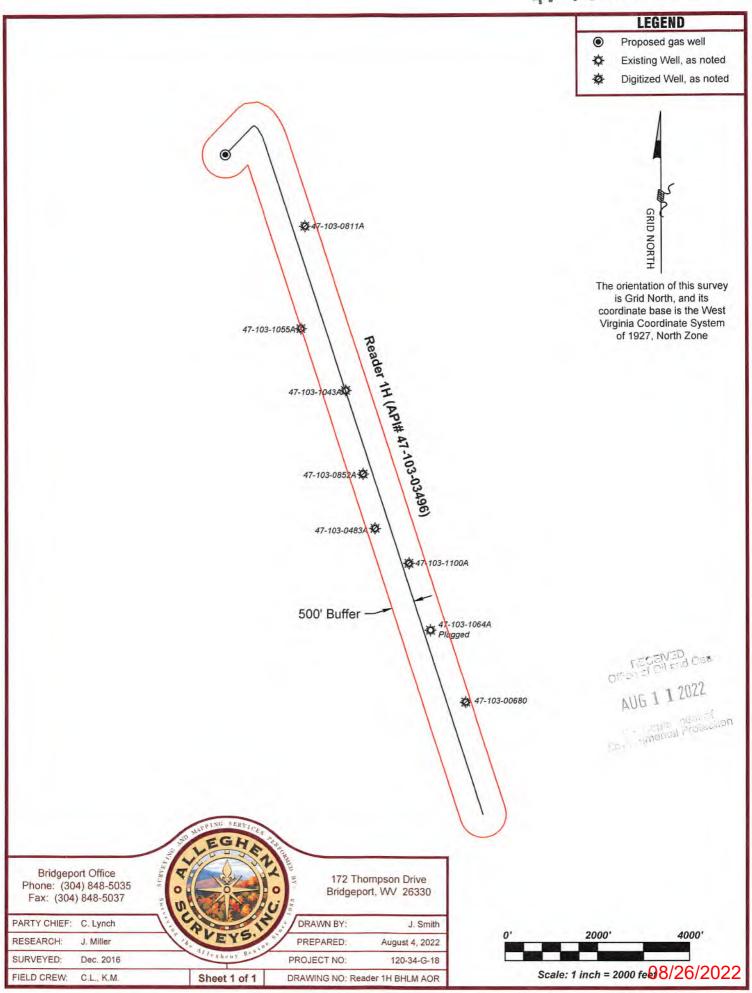
Conductor: blowhole clean with air, run casing, 10 bbls fresh water.

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.

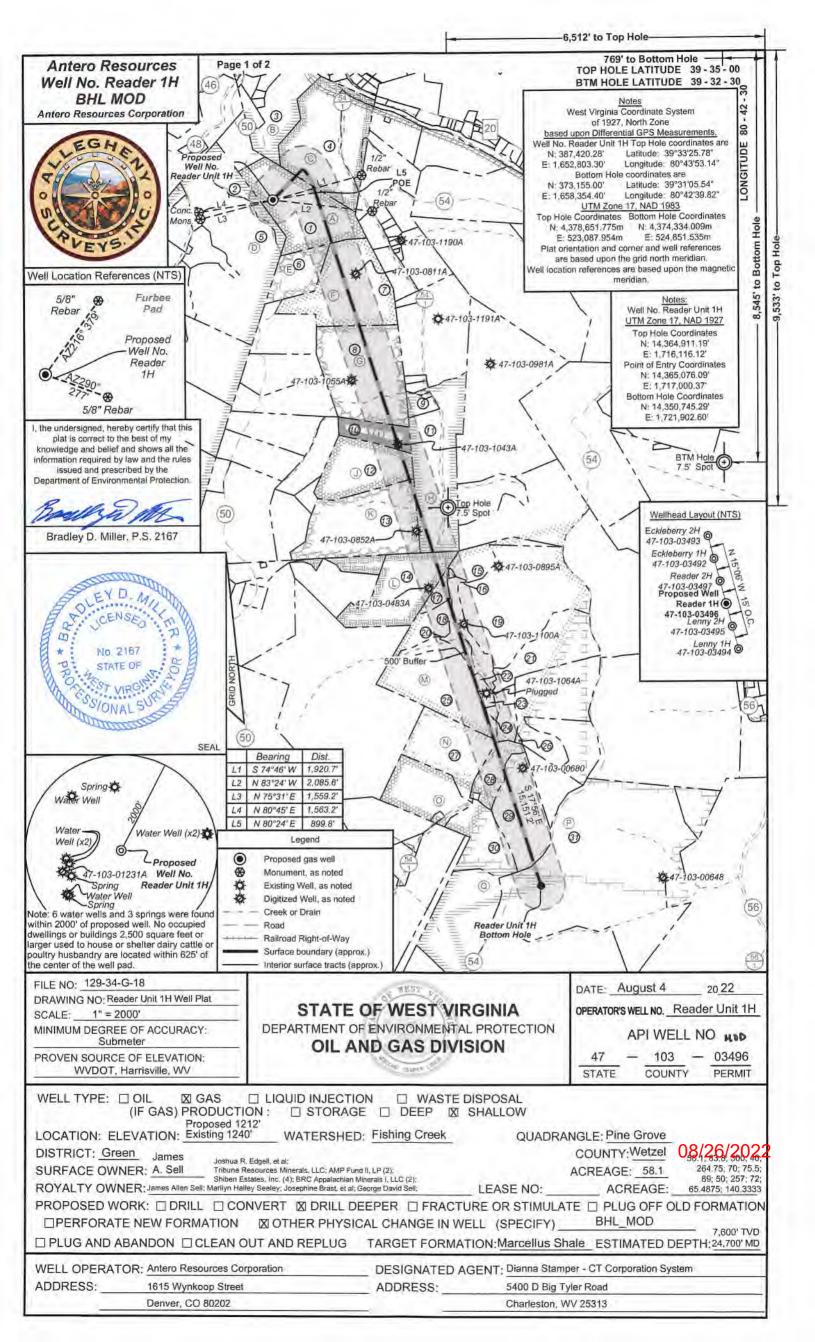
Intermediate: blowhole clean with air, trip to surface casing shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate 40 bbls brine water followed by 10 bbls fresh water and 25 bbls bentonite mud, pump 10 bbls fresh water.

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.



| UWI (APINum) | Well Name | Well Number | Operator | Historical Operator | TD | Perforated Interval (shallowest, deepest) | Perforated Formation(s) | Producible Formation(s) not perf'd |
|----------------|-----------------|----------------|----------------------|----------------------|-------|---|-------------------------|------------------------------------|
| 47103308110000 | ORA G MCKIMMIE | 5193 | HOPE NATURAL GAS | HOPE NATURAL GAS | 2,753 | | Big Injun, Gordon | Weir, Benson, Alexander |
| 47103310050000 | MCSWEENEY | 6485 | HOPE NATURAL GAS | HOPE NATURAL GAS | 2,610 | | Big Injun, Gordon | Weir, Benson, Alexander |
| 47103310430000 | JOHN J FURBEE 1 | 1344 | MANUFACT LIGHT &HEAT | MANUFACT LIGHT &HEAT | 2,797 | | | Weir, Benson, Alexander |
| 47103308520000 | J E HIGGINS 1 | 2516 | MANUFACT LIGHT &HEAT | MANUFACT LIGHT &HEAT | 2,812 | | Big Injun, Gordon | Weir, Benson, Alexander |
| 47103304830000 | MARY MARTIN | 5439 | HOPE NATURAL GAS | HOPE NATURAL GAS | 2,711 | | Big Injun, Gordon | Weir, Benson, Alexander |
| 47103311000000 | | 1 | | | 2,785 | | Big Injun, Gordon | Weir, Benson, Alexander |
| 47103310640000 | B W PETERSON | 64 | CONSOLIDATION COAL | PENNZOIL CO INC | 3,199 | | | Weir, Benson, Alexander |
| 47103006800000 | J BRAST | 1055 | EQT PRODUCTION CO | CONSOL GAS SUPLY CRP | 2,166 | | Big Injun | Weir, Benson, Alexander |



Antero Resources Well No. Reader 1H BHL MOD

Antero Resources Corporation



| 19 | EGI | TWI | 1 |
|----|-----|-----|---|
| 08 | | | O |
| CA | VEY | 5 | |

| ID | TM-Par | Owner | Bk/Pg | Acres |
|----|----------|--|---------|--------|
| 1 | 17-12 | James Allen Sell | 370/148 | 58.10 |
| 2 | 17-1 | James Allen Sell | 370/148 | 15.35 |
| 3 | 13-70 | Doris Ruth Haught, et al | W49/615 | 33.78 |
| 4 | 13-71 | Charles R. & Kay L. Blair | 387/577 | 63.11 |
| 5 | 17-60 | Ross Bucher | 411/765 | 79.00 |
| 6 | 17-54 | James Allen Sell | 370/148 | 25.50 |
| 7 | 17-17 | James Allen Sell | 370/148 | 70.00 |
| 8 | 17-26 | Heartland Forest Land Fund VII, LP | 431/936 | 75.50 |
| 9 | 17-37 | Heartland Forest Land Fund VII, LP | 431/936 | 5.00 |
| 10 | 17-48 | Heartland Forest Land Fund VII, LP | 431/936 | 20.00 |
| 11 | 17-38 | Heartland Forest Land Fund VII, LP | 431/936 | 60.00 |
| 12 | 17-47 | George David Sell | 351/473 | 40.00 |
| 13 | 17-35 | Alfred Raymond Furbee, Sr. & Olive Gay Brown | 333/638 | 60.00 |
| 14 | 20-5 | Debbie Brown, et al | A96/679 | 45.00 |
| 15 | 20-14 | Robert Bassett | 371/32 | 126.74 |
| 16 | 20-7 | Debra L. & Mary Jane Brown | 437/718 | 0.80 |
| 17 | 20-6 | Debbie Brown, et al | A96/679 | 6.00 |
| 18 | 20-14.3 | Albert E. & Betty Jean Clutter | 379/182 | 14.35 |
| 19 | 20-14.4 | Matthew D. Bassett, et al | 421/365 | 97.18 |
| 20 | 20-14.10 | Bobbi Jean Bassett | 432/506 | 11.54 |
| 21 | 20-14.2 | Coastal Forest Resources Co. | 444/105 | 37.40 |
| 22 | 20-14.7 | Randy D. & Dori R. Ice | 404/39 | 1.74 |
| 23 | 20-14.6 | Randy D. & Dori R. Ice | 404/39 | 2.06 |
| 24 | 20-14.8 | Randy D. & Dori R. Ice | 404/43 | 2.46 |
| 25 | 20-14.9 | Randy D. & Dori R. Ice | 404/39 | 53.33 |
| 26 | 20-20.1 | Robert Bassett | 371/32 | 0.44 |
| 27 | 20-14.5 | Marsha C. Hamrick, et al | 363/279 | 44.46 |
| 28 | 20-19 | Coastal Forest Resources Co. | 444/105 | 16.44 |
| 29 | 20-19.2 | Coastal Forest Resources Co. | 444/105 | 35.56 |
| 30 | 20-28 | Coastal Forest Resources Co. | 444/105 | 36.00 |
| 31 | 20-37 | Coastal Forest Resources Co. | 444/105 | 246.84 |

Page 2 of 2

| | Leases |
|----|----------------------------------|
| Α | James Allen Sell |
| В | Antero Minerals, LLC |
| C | Marilyn Halley Seeley |
| D | William R. Stalnaker |
| E | Shiben Estates, Inc. |
| F | Shiben Estates, Inc. |
| G | BRC Appalachian Minerals I, LLC |
| H | AMP Fund II, LP |
| 1 | AMP Fund II, LP |
| J | George David Sell |
| K. | Shiben Estates, Inc. |
| L | BRC Appalachian Minerals I, LLC |
| M | Tribune Resources Minerals, LLC |
| N | Joshua R. Edgell, et al |
| 0 | Morris Mountaineer Oil & Gas LLC |
| P | Josephine Brast, et al |
| Q | Shiben Estates, Inc. |

FILE NO: 129-34-G-18 DRAWING NO: Reader Unit 1H Well Plat 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

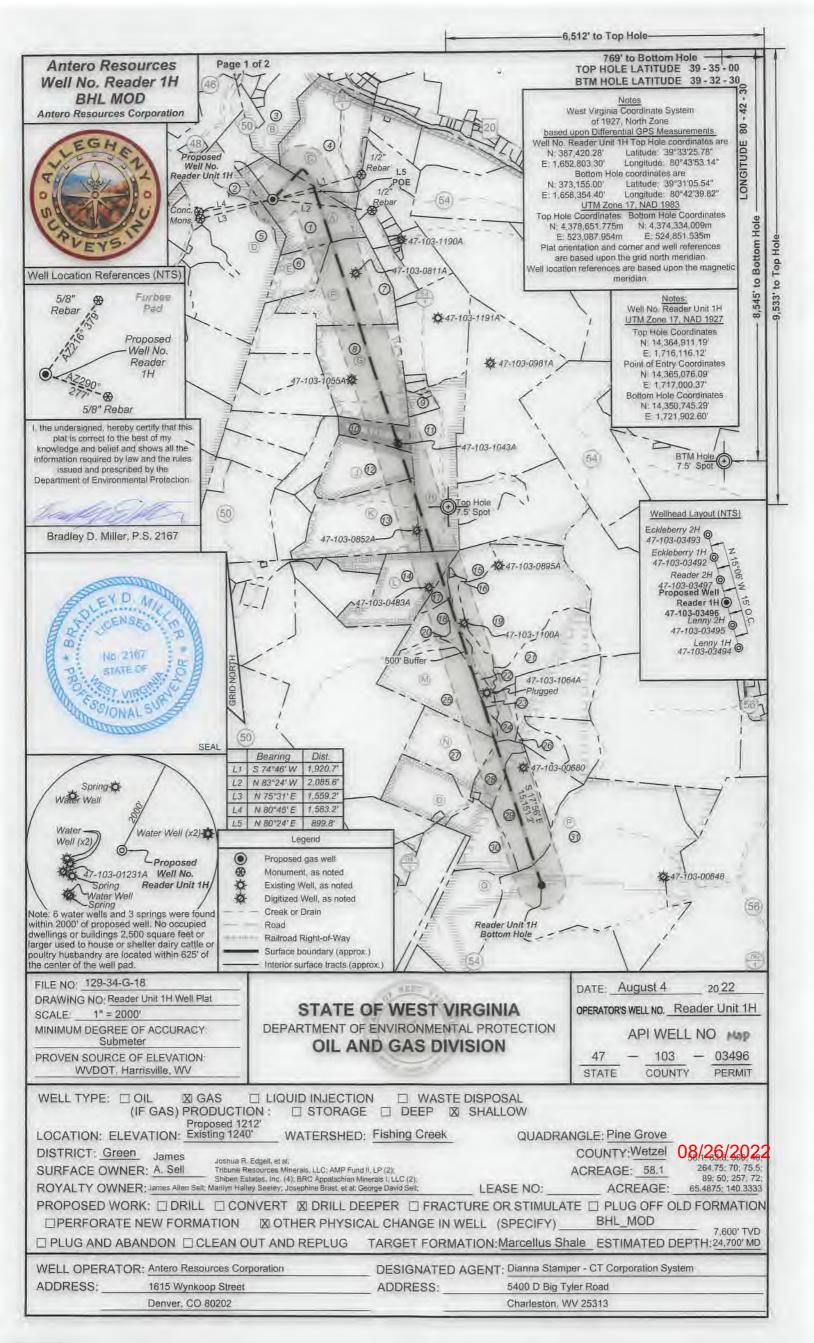
| DATE: | August 4 | 20 22 |
|-------|----------|-------|
| 1000 | | |

OPERATOR'S WELL NO. Reader Unit 1H

API WELL NO MOD

47 - 103 - 03496 STATE COUNTY PERMIT

| TTT DOT, Harristine, TTT | | | 3 | STATE COU | NIT PERMIT |
|--|---|------------------|----------------------|-----------------------|---------------------------------------|
| | DUCTION: ☐ STORAG | BE DEEP X SH | ALLOW | - Di C | |
| LOCATION: ELEVATION: Exist | ing 1240' WATERSHEE | D: Fishing Creek | | LE: Pine Grove | |
| DISTRICT: Green James | Joshua R. Edgell, et al: | | C | OUNTY:Wetzel | 08/26/2022 |
| SURFACE OWNER: A. Sell | Tribune Resources Minerals, LLC; AMP Fur | | AC | REAGE: 58.1 | 264.75; 70; 75.5; 89; 50; 257; 72; |
| ROYALTY OWNER: James Allen Sell; | Shiben Estates, Inc. (4); BRC Appalachian Marilyn Halley Seeley; Josephine Brast, et al; | | EASE NO: | ACREAGE | |
| PROPOSED WORK: ☐ DRILL ☐ PERFORATE NEW FORMA | ☐ CONVERT ☒ DRILL D | DEEPER | | ☐ PLUG OFF BHL_MOD | OLD FORMATION 7,600' TVD |
| ☐ PLUG AND ABANDON ☐ CL | EAN OUT AND REPLUG | TARGET FORMATIO | N:Marcellus Shale | _ESTIMATED | DEPTH: 24,700' MD |
| WELL OPERATOR: Antero Resou | rces Corporation | DESIGNATED AGE | NT: Dianna Stamper - | - CT Corporation S | ystem |
| ADDRESS: 1615 Wynkoo | p Street | ADDRESS: | 5400 D Big Tyler | Road | |
| Denver, CO 8 | 0202 | | Charleston, WV 2 | 5313 | |



Antero Resources Well No. Reader 1H **BHL MOD**

Antero Resources Corporation





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| P | Josephine Brast, et al |
| Q. | Shiben Estates, Inc. |

FILE NO: 129-34-G-18

DRAWING NO: Reader Unit 1H Well Plat

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY: Submeter

PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

Denver, CO 80202

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION

DATE: August 4 20 22

OPERATOR'S WELL NO. Reader Unit 1H

API WELL NO MOP

 $\frac{47}{\text{STATE}} - \frac{103}{\text{COUNTY}} - \frac{03496}{\text{PERMIT}}$

Charleston, WV 25313

| | NOVEMBER 1 | | | |
|---|---|--|---|--|
| : Fishing Creek | QUADRANGI | LE: Pine Grove | | |
| | C | DUNTY:Wetzel | 08/26/2022 | |
| 111. LP (2): | AC | REAGE: 58.1 | 264.75; 70; 75.5; 89; 50; 257; 72; | |
| | EASE NO: | ACREAGE: | 65.4875; 140.3333 | |
| 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 | | | | |
| TARGET FORMATION | l:Marcellus Shale | _ESTIMATED D | EPTH: 24,700' MD | |
| DESIGNATED AGEN | IT: Dianna Stamper - | CT Corporation Sys | stem | |
| ADDRESS: | 5400 D Big Tyler F | Road | | |
| | DEEP SHA Fishing Creek Fishing Creek II.LP(2): Inerals I, LLC (2): EORGE DAVID Sell: EPER FRACTURE AL CHANGE IN WELL TARGET FORMATION DESIGNATED AGEN | E DEEP SHALLOW Fishing Creek QUADRANGE CO III. LP (2): AC nerals I, LLC (2): eorge David Sell: LEASE NO: EPER FRACTURE OR STIMULATE AL CHANGE IN WELL (SPECIFY) TARGET FORMATION: Marcellus Shale DESIGNATED AGENT: Dianna Stamper | E □ DEEP ☒ SHALLOW Fishing Creek QUADRANGLE; Pine Grove COUNTY; Wetzel ACREAGE: 58.1 ACREAGE: 58.1 ACREAGE: EPER □ FRACTURE OR STIMULATE □ PLUG OFF OF AL CHANGE IN WELL (SPECIFY) BHL_MOD TARGET FORMATION: Marcellus Shale ESTIMATED D DESIGNATED AGENT: Dianna Stamper - CT Corporation Systems DESIGNATED AGENT: Dianna Stamper - CT Corporation Systems STANDARD COUNTY: Dianna Stamper - CT Corporation Systems | |

WW-6A1 (5/13)

| Operator's Well No. | Reader Unit 1H 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:

| | Shiben Estates | Antero Resources Corporation | 1/8+ | 198A/0540 |
|-------------------------|-----------------------|------------------------------|---------|-----------|
| Q: Shiben Estates Lease | | | | |
| Lease Name or Number | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book/Page |

*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

Office of Oil and Gas

AUG 1 1 2022

Way Department of Environmental Protection

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 | (m) lech | |
| Its: | Senior VP of I | Land | |

Page 1 of _____

Operator's Well Number

Reader Unit 1H 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)

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- (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 |
| C: Marilyn Halley Seeley Lease | | | |
| Marilyn Halley Seeley | EQT Production Company | 1/8+ | 148A/0831 |
| EQT Production Company | Antero Resources Corporation | Assignment | 230A/0801 |
| A: James Allen Sell Lease | | | |
| James Allen Sell | Antero Resources Corporation | 1/8+ | 258A/0467 |
| F: Shiben Estates, Inc Lease | | | |
| Shiben Estates, Inc. | Antero Resources Corporation | 1/8+ | 202A/0230 |
| G: BRC Appalachian Minerals I, LLC Lease | | | |
| BRC Appalachian Minerals I, LLC | BRC Working Interest Company LLC | 1/8+ | 102A/0505 |
| BRC Working Interest Company LLC | Chesapeake Appalachia LLC | Assignment | 103A/0470 |
| Chesapeake Appalachia LLC | SWN Production Company | Assignment | 157A/0540 |
| SWN Production Company | Antero Exchange Properties, LLC | Assignment | 177A/0533 |
| Antero Exchange Properties, LLC | Antero Resources Corporation | Merger | 0013/0311 |
| I: AMP Fund II, LP Lease | , | 5 | |
| AMP Fund II, LP | Antero Resources Corporation Antero Resources Corporation | 1/8+ | 255A/0685 |
| J: George David Sell Lease | Įį̃ē → šā | | |
| George David Sell, a married man dealing in his | Antero Resources Corporation | 1/8+ | 176A/0463 |
| sole and separate property | 9/10/2 | | |
| K: Shiben Estates, Inc. Lease | 0 7 | | |
| Shiben Estates, Inc. | Antero Resources Corporation | 1/8+ | 265A/0267 |
| H: AMP Fund II, LP Lease | | | |
| AMP Fund II, LP | Antero Resources Corporation | 1/8+ | 255A/0685 |
| L: BRC Appalachian Minerals I, LLC Lease | | | |
| BRC Appalachian Minerals I, LLC | BRC Working Interest Company LLC | 1/8+ | 102A/0505 |
| BRC Working Interest Company LLC | Chesapeake Appalachia LLC | Assignment | 103A/0470 |
| Chesapeake Appalachia LLC | SWN Production Company | Assignment | 157A/0540 |
| SWN Production Company | Antero Exchange Properties, LLC | Assignment | 177A/0533 |
| Antero Exchange Properties, LLC | Antero Resources Corporation | Merger | 0013/0311 |
| M: Tribune Resources Minerals, LLC Lease | | | |
| Tribune Resources Minerals, LLC | Tribune Resources, LLC | 1/8+ | 218A/0803 |
| | | | |
| Tribune Resources, LLC | Antero Resources Corporation | Assignment | 219A/0322 |

Operator's Well Number

Reader Unit 1H 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 |
|---|---|-------------|-----------|
| N: Joshua R. Edgell, et al <u>Lease</u> Joshua R. Edgell, DSSP and Robin F. Moore | Antero Resources Corporation | 1/8+ | 191A/0370 |
| P: Josephine Brast, et al Lease | | | |
| Josephine Brast, et al. | South Penn Oil Co. | 1/8 | 0049/0591 |
| South Penn Oil Co. | Hope Natural Gas Company | Assignment | 009A/0230 |
| Hope Natural Gas Company | Consolidated Gas Supply Corporation | Assignment | 0233/0387 |
| Consolidated Gas Supply Corporation | Consolidated Gas Transmission Corporation | Assignment | 066A/0069 |
| Consolidated Gas Transmission Corporation | CNG Transmission Corporation | Name Change | 0013/0151 |
| CNG Transmission Corporation | Eastern States Oil & Gas Inc. | Assignment | 076A/0232 |
| Eastern States Oil & Gas Inc. | Equitable Production- Eastern States Inc. | Name Change | 0013/0014 |
| Equitable Production-Eastern States Inc. | Equitable Production Company | Merger | 0013/0014 |
| Equitable Production Company | EQT Production Company | Name Change | 0013/0014 |
| EQT Production Company | Tribune Resources successor in interest of Ascent Resources-Marcellus LLC fka American Energy Marcellus LLC | Assignment | 179A/0653 |
| Tribune Resources successor in interest of Ascent Resources-Marcellus LLC fka American Energy Marcellus LLC | Antero Resources Corporation | Assignment | 219A/0322 |



^{*}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.





Modification Horizontal H6A Well Work Permits API: (47-103-03492, 03494, 03495, 03496, & 03497)

1 message

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

Tue, Aug 23, 2022 at 5:53 PM

To: Mallory Stanton <mstanton@anteroresources.com>, Diane Blair <dblair@anteroresources.com>, Dani DeVito <ddevito@shalepro.com>, Scott Lemley <slemley@wvassessor.com>, "Greynolds, Kenneth L" <kenneth.l.greynolds@wv.gov>

I have attached a copy of the newly issued well permit numbers:

47-103-03492 - ECKLEBERRY UNIT 1H 47-103-03494 - LENNY UNIT 1H 47-103-03495 - LENNY UNIT 2H 47-103-03496 - READER 1H 47-103-03497 - READER 2H

These will serve as your copy.

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

5 attachments

47-103-03492 - mod.pdf

47-103-03494 - mod.pdf

47-103-03495 - mod.pdf 1225K

47-103-03496 - mod.pdf 1243K

47-103-03497 -mod.pdf