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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, May 6, 2024  
WELL WORK PLUGGING PERMIT  
Horizontal 6A Plugging

ANTERO RESOURCES CORPORATION  
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit approval for ROCK CAMP 1M  
47-103-03158-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless 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: ROCK CAMP 1M  
Farm Name: MASON, KENNETH & JENNIFER  
U.S. WELL NUMBER: 47-103-03158-00-00  
Horizontal 6A Plugging  
Date Issued: 5/6/2024

# PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

## CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

- 1) Date March 25, 2024
- 2) Operator's  
Well No. Rock Camp 1M
- 3) API Well No. 47-100 - 00100

**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS**

**APPLICATION FOR A PERMIT TO PLUG AND ABANDON**

- 4) Well Type: Oil \_\_\_ / Gas x / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow x
- 5) Location: Elevation 1396' Watershed Fishing Creek  
District Center County Wetzel Quadrangle Littleton 7.5'
- 6) Well Operator Antero Resources Corporation 7) Designated Agent Kevin Ellis  
Address 1615 Wynkoop Street Address 535 White Oaks Blvd  
Denver, CO 80202 Bridgeport, WV 26330
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name ~~Isaiah Richards~~ Stephen Mccoy Name N/A - Antero will plug well  
Address 601 57th Street SE Address \_\_\_\_\_  
Charleston, WV 25304 \_\_\_\_\_

10) Work Order: The work order for the manner of plugging this well is as follows:

**\*Please See Attached Work Order**

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Stephen Mccoy Digitally signed by Stephen Mccoy  
Date: 2024.05.03 11:49:18 -0400 Date \_\_\_\_\_

**Rock Camp 1M**  
Wetzel County, WV  
API #47-103-03158



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

**Objective:** Plug and Abandon from 2801' TD

**Well Design:**

- 26" 85# Conductor @ 40' - Cemented to Surface
- 18-5/8" Surface Casing @ 720' - Cemented to Surface - 17.75" ID
- 13-3/8" Surface Casing @ 1,697' - Cemented to Surface - 12.715" ID
- 9-5/8" Intermediate Casing @ 2,801' - Cemented to Surface - 8.921" ID

Freshwater 120,680

Salt Water 2057

Elevation 1396'

**Oil and Gas Zones:**

1. Big Injun - 2,473' - 2,667'
2. Coal - 1,235' - 680'

**Procedure:**

1. Check and record casing surface pressures into Wellview. Verify no pressure behind 9 5/8". Bleed off pressure and monitor any build-up prior to performing any more work.
2. Notify WV DEP 24 hours prior to commencing work.
3. Move in and rig up flat tank and frac tank (No pits will be utilized).
4. MIRU Service rig with JU Head. Pressure test well control equipment.
5. RIH with 2 3/8" tubing to 2,801'
- ✓ 6. Pull up 10' off bottom, MIRU cement services. Mix and pump a 400' cement plug (2,801' - 2,401') to cover the Big Injun (Class A cement + 2% CaCl<sub>2</sub>, zero excess, yield = 1.15 ft<sup>3</sup>/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
  - a. 9 5/8" casing volume = 0.4341 ft<sup>3</sup>/ft
  - b. 400' plug = 174 ft<sup>3</sup> cement.
  - c. Displace to balance plug with 8.33 ppg fluid
  - d. Slowly pull out of cement plug and lay down 400' of 2-3/8" tubing
  - e. Circulate tubing clear of cement with 8.33ppg fluid

Plug Salt water 2107 - 2007

7. TOOH laying down tubing to 1750'.

- ✓ 8. Mix and pump cement plug to fill up 9-5/8" casing from 1,747' to 1,647' over the 13 3/8 casing shoe. (Class A cement + 2% CaCl<sub>2</sub>, zero excess, yield = 1.15 ft<sup>3</sup>/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)

- a. Volume inside of 9-5/8" = 0.4341 ft<sup>3</sup>/ft
- b. 100' plug = 44 ft<sup>3</sup> cement
- c. Displace to balance plug with 8.33 ppg fluid
- d. Slowly pull out of cement plug while laying down 100' of 2-3/8" tubing
- e. Circulate tubing clear of cement with 8.33ppg fluid

ADD Plugs: Elevation/Coal 1185-1446 18 5/8" / Coal / F.W 790-580

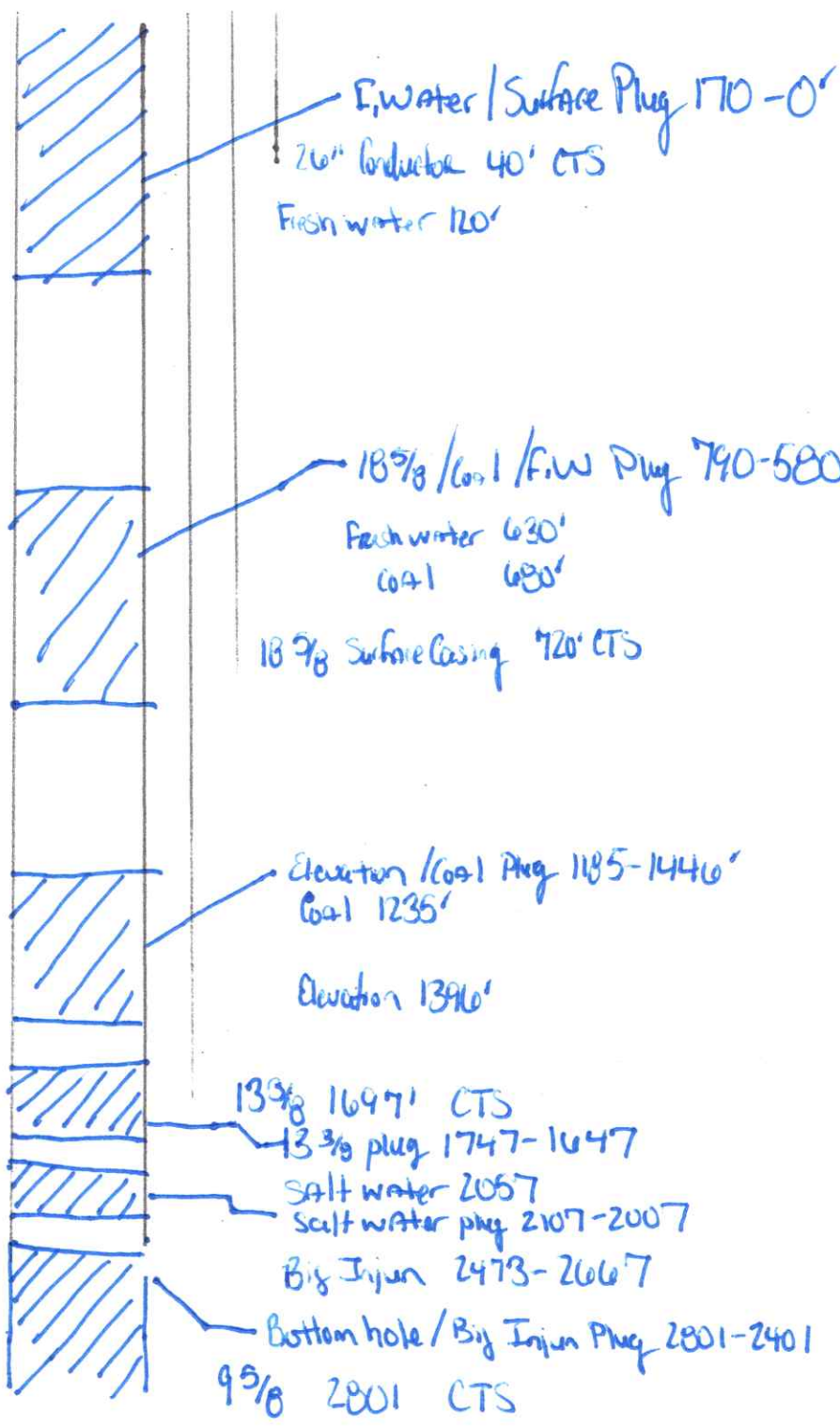
9. TOOH laying down tubing to 300'.

- ✓ 10. Mix and pump final cement plug to fill up 9-5/8" casing from 150' to 0'.
  - a. Mix and pump 7 bbls 10ppg 35ppb weighted Eco spacer from 150'-300' prior to final plug to support cement column
    - a. TOOH to 150'
  - b. 66 ft<sup>3</sup> Class A cement + 2% CaCl<sub>2</sub>, zero excess, yield = 1.15 ft<sup>3</sup>/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
    - a. Volume inside of 9-5/8" = 0.4341 ft<sup>3</sup>/ft
    - b. 150' plug = 66 ft<sup>3</sup> cement
    - c. Slowly pull out of cement plug while laying down 150' of 2-3/8" tubing
    - d. Clean up tubing if possible
    - e. Install Monument Marker with API No.: 47-103-03158

05/10/2024

SMY  
4/17/24





05/10/2024

*[Handwritten signature]*  
4/17/24

State of West Virginia  
Department of Environmental Protection - Office of Oil and Gas  
Well Operator's Report of Well Work

API 47 - 103 - 03158 County Wetzel District Center  
Quad Littleton 7.5' Pad Name Rock Camp Field/Pool Name ----  
Farm name Kenneth R. & Jennifer L. Mason Well Number Rock Camp 1M  
Operator (as registered with the OOG) Antero Resources Corporation  
Address 1615 Wynkoop Street City Denver State CO Zip 80202

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 4387378.70m Easting 532378.05m  
Landing Point of Curve Northing m Easting m  
Bottom Hole Northing m Easting m

Elevation (ft) 1396' GL Type of Well  New  Existing Type of Report  Interim  Final  
Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine  
Mud Type(s) and Additive(s)  
Air - Foam & 4% KCL  
Mud - Polymer

Date permit issued 9/9/2016 Date drilling commenced \_\_\_\_\_ Date drilling ceased \_\_\_\_\_  
Date completion activities began \_\_\_\_\_ Date completion activities ceased \_\_\_\_\_  
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 120, 630' Open mine(s) (Y/N) depths No  
Salt water depth(s) ft 2057' Void(s) encountered (Y/N) depths No  
Coal depth(s) ft 680, 1235' Cavern(s) encountered (Y/N) depths No  
Is coal being mined in area (Y/N) No

Reviewed by:

05/10/2024  
*[Signature]*  
4-17-24

API 47-103 - 03158 Farm name Kenneth R. & Jennifer L. Mason Well number Rock Camp 1M

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	26"	20"	40'	New	85#/J-55		Cemented to Surface
Surface	18 5/8"	17.75"	720'	New	48#/H-40		Cemented to Surface
Coal							
Intermediate 1	13 3/8"	12.715"	1697'	New	36#/J-55		Cemented to Surface
Intermediate 2	9 5/8"	8.921"	2801'	New	36#/J-55		Cemented to Surface
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

Comment Details \_\_\_\_\_

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>2</sup> )	Cement Top (MD)	WOC (hrs)
Conductor							
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 16142' MD, 7438' TVD (BHL), ' (Deepest Point Drilled) Loggers TD (ft) 16142' MD  
 Deepest formation penetrated Marcellus Plug back to (ft) N/A  
 Plug back procedure N/A

Kick off depth (ft) \_\_\_\_\_

Check all wireline logs run  caliper  density  deviated/directional  induction  
 neutron  resistivity  gamma ray  temperature  sonic

Well cored  Yes  No Conventional  Sidewall Were cuttings collected  Yes  No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING \_\_\_\_\_

Conductor - 0  
 Surface - 1 above guide shoe, 1 above insert float, 1 every 4th joint to surface  
 Intermediate - 1 above float joint, 1 above float collar, 1 every 4th joint to surface  
 Production - 1 above float joint, 1 below float collar, 1 every 3rd joint to top of cement

WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS \_\_\_\_\_

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS \_\_\_\_\_

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED N/A









WW-4A  
Revised 6-07

1) Date: 3/25/2024  
2) Operator's Well Number  
Rock Camp 1M

3) API Well No.: 47 - 103 - 03158

**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

4) Surface Owner(s) to be served:		5) (a) Coal Operator	
(a) Name	<u>Kenneth R. &amp; Jennifer L. Mason</u>	Name	_____
Address	<u>PO Box 103</u>	Address	_____
	<u>Alma, WV 26320</u>		_____
(b) Name	_____	(b) Coal Owner(s) with Declaration	
Address	_____	Name	_____
	_____	Address	_____
	_____		_____
(c) Name	_____	Name	_____
Address	_____	Address	_____
	_____		_____
6) Inspector	<u>Isaiah Richards</u>	(c) Coal Lessee with Declaration	
Address	<u>601 57th Street SE</u>	Name	_____
	<u>Charleston, WV 25304</u>	Address	_____
Telephone	<u>304 205 3032</u>		_____

**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

CARLY RAYNE MARVEL  
Notary Public  
State of Colorado  
Notary ID # 20224038743  
My Commission Expires 10-05-2026

Well Operator Antero Resources Corporation  
 By: Jon McEvers  
 Its: Senior VP of Operations  
 Address 1615 Wynkoop Street  
Denver, CO 80202  
 Telephone 303-357-7310

Subscribed and sworn before me this 9 day of April 2024  
CARLY RAYNE MARVEL Notary Public  
My Commission Expires 10-5-2026

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

05/10/2024

**CERTIFIED MAIL RECEIPT TO  
SURFACE OWNER  
WW-4A  
NOTICE OF APPLICATION TO PLUG  
AND ABANDON WELL**

*Cut on dotted line.*

### Instructions

1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. **DO NOT PHOTO COPY OR ALTER LABEL.**
2. Place your label so it does not wrap around the edge of the package.
3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, **DO NOT TAPE OVER BARCODE.** Be sure all edges are secure.
4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
5. Mail your package on the "Ship Date" you selected when creating this label.

### Click-N-Ship® Label Record

<b>USPS TRACKING # :</b> <b>9405 5036 9930 0678 1060 96</b>			
Trans. #:	601634414	Priority Mail® Postage:	<b>\$10.15</b>
Print Date:	04/10/2024	Total:	<b>\$10.15</b>
Ship Date:	04/10/2024		
Expected			
Delivery Date:	04/13/2024		
From:	CARLY MARVEL 1615 WYNKOOP ST DENVER CO 80202-1106		
To:	KENNETH R. & JENNIFER L. MASON PO BOX 103 ALMA WV 26320-0103		
<small>* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.</small>			



*Thank you for shipping with the United States Postal Service!  
Check the status of your shipment on the USPS Tracking® page at [usps.com](https://usps.com)*

05/10/2024





WW-4B

API No. 47-103-03158  
Farm Name Kenneth R. & Jennifer L. Mason  
Well No. Rock Camp 1M

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

**WAIVER**

The undersigned coal operator \_\_\_\_/ owner \_\_\_\_/ lessee \_\_\_\_/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_

By: \_\_\_\_\_

Its \_\_\_\_\_

WW-9  
(5/16)

API Number 47 - 103 - 03158  
Operator's Well No. Rock Camp 1M

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Antero Resources Corporation OP Code 494507062

Watershed (HUC 10) Fishing Creek Quadrangle Littleton 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: \_\_\_\_\_

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? \_\_\_\_\_

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number                      \*UIC Permit # will be provided on Form WR-34 )
- Reuse (at API Number                      Future permitted well locations when applicable. API# will be provided on Form WR-34 )
- Off Site Disposal (Supply form WW-9 for disposal location) (Meadowfill Landfill Permit #SWF-1032-98)
- Other (Explain                     ) Northwestern Landfill Permit #SWF-1025/WV0109410

Will closed loop system be used? If so, describe: Yes, fluids stored in tanks, cuttings removed off site and taken to landfill.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.

-If oil based, what type? Synthetic, petroleum, etc.

Additives to be used in drilling medium? \_\_\_\_\_

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc.

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) \_\_\_\_\_

-Landfill or offsite name/permit number? \_\_\_\_\_

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Gretchen Kohler

Company Official (Typed Name) Gretchen Kohler

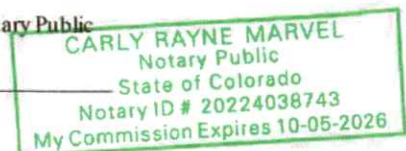
Company Official Title Director of Environmental & Regulatory Compliance

Subscribed and sworn before me this 9<sup>th</sup> day of April, 20 24

Carly Rayne Marvel

Notary Public

My commission expires 10-5-2026



05/10/2024



Proposed Revegetation Treatment: Acres Disturbed 4.38 Prevegetation pH \_\_\_\_\_  
Lime 2-3 Tons/acre or to correct to pH 6.5

Fertilizer type \_\_\_\_\_

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre

**Seed Mixtures**

**Temporary**

**Permanent**

Seed Type	lbs/acre
Annual Ryegrass	40
Field Bromegrass	40

Seed Type	lbs/acre
Crownvetch	10-15
Tall Fescue	30

Please reference Table IV-3 on page 7 of the Well #1 Plugging Plan

Please reference Table IV-4A on page 7 of the Well #1 Plugging Plan

**\*or type of grass seed requested by surface owner**

**Attach:**

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]

Comments: Properly reclaim seed & mulch all disturbed areas.

Title: Well #1: Geo Inspector

Date: 4-17-24

Field Reviewed?  Yes

No

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47-103-03158 WELL NO.: Rock Camp 1M  
FARM NAME: Rock Camp  
RESPONSIBLE PARTY NAME: Antero Resources Corporation  
COUNTY: Wetzel DISTRICT: Center  
QUADRANGLE: Littleton  
SURFACE OWNER: Kenneth R. & Jennifer L. Mason  
ROYALTY OWNER: \_\_\_\_\_  
UTM GPS NORTHING: 4387378.70 m  
UTM GPS EASTING: 532378.05 m GPS ELEVATION: 1,396 ft

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS  : Post Processed Differential \_\_\_\_\_  
Real-Time Differential

Mapping Grade GPS  : Post Processed Differential \_\_\_\_\_  
Real-Time Differential

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

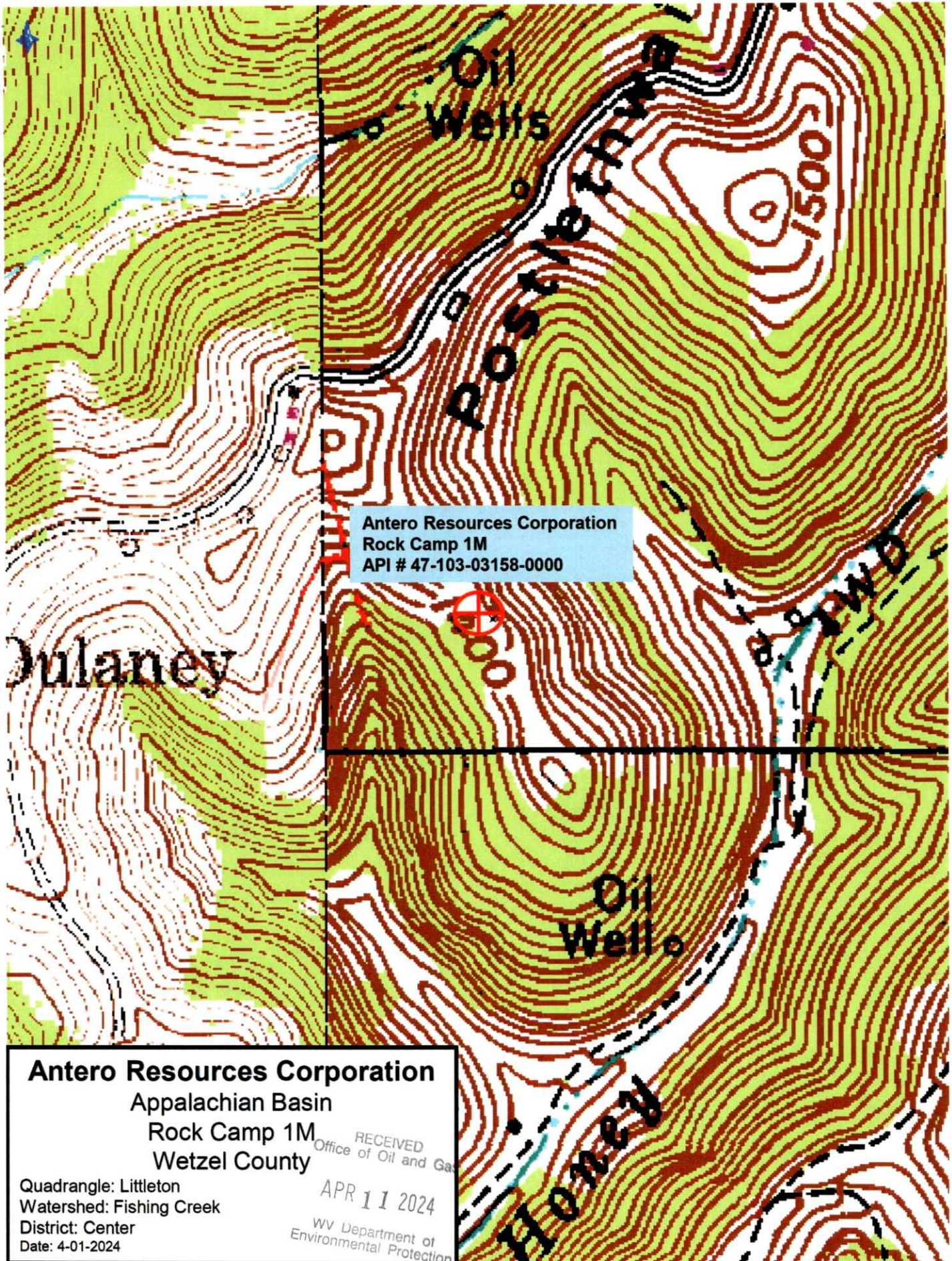
MWJ TWF  
Signature

Permitter Manager  
Title

4/10/24  
Date

05/10/2024





Antero Resources Corporation  
Rock Camp 1M  
API # 47-103-03158-0000

**Antero Resources Corporation**  
Appalachian Basin  
Rock Camp 1M  
Wetzel County

Quadrangle: Littleton  
Watershed: Fishing Creek  
District: Center  
Date: 4-01-2024

RECEIVED  
Office of Oil and Gas  
APR 11 2024  
WV Department of  
Environmental Protection

05/10/2024





Kennedy, James P <james.p.kennedy@wv.gov>

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**plugging permits issued 4710303157 10303158 10302936**

1 message

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**Kennedy, James P** <james.p.kennedy@wv.gov>

Mon, May 6, 2024 at 12:52 PM

To: Mallory Turco <mturco@anteroresources.com>, Stephen E McCoy <stephen.e.mccoy@wv.gov>, Dani Devito <ddevito@shalepro.com>, slemley@wvassessor.com


To whom it may concern, plugging permits have been issued for 4710303157 10303158 10302936.


James Kennedy


WVDEP OOG

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**3 attachments**

 **4710303157.pdf**  
2768K

 **4710303158.pdf**  
2798K

 **4710302936.pdf**  
3112K

05/10/2024