



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, March 13, 2023
WELL WORK PLUGGING PERMIT
Horizontal 6A Plugging

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit approval for PRUNTY UNIT 2H
47-085-09971-00-00

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: PRUNTY UNIT 2H
Farm Name: O'NEIL FAMILY TRUST ET AL
U.S. WELL NUMBER: 47-085-09971-00-00
Horizontal 6A Plugging
Date Issued: 3/13/2023

Promoting a healthy environment.

03/17/2023

PERMIT CONDITIONS 47 0 8 5 0 9 9 7 1

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

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.

4708509971

- 1) Date January 19, 2023
- 2) Operator's
Well No. Prunty Unit 2H
- 3) API Well No. 47-085 - 09071

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 1143' Watershed South Fork Hughes River
District Union County Ritchie Quadrangle Pullman 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 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  Date 03/10/2023

03/17/2023

47 085 09971

Prunty Unit 2H
Ritchie County, WV
API #47-085-09971



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

Objective: Plug and Abandon from 2551' TD

Well Design:

- 20" 94# Conductor @ 46'— Cemented to Surface
- 13-3/8" Surface Casing @ 547' — Cemented to Surface-12.715" ID
- 9-5/8" Intermediate Casing @ 2,558'— Cemented to Surface-8.921" ID
- Open Hole to 5,544' —Packer set at 2476'

Oil and Gas Zones:

1. Big Injun- 2,148'-2,208'
2. Weir- 2,388'-2,504'

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. Current load fluid is 8.33# water
5. RIH with 2 3/8" tubing and tag packer
6. Pull up 10' off packer, MIRU cement services. Mix and pump a 300' cement plug (2,150'-2,450') (Class A cement + 2% CaCl₂, zero excess, yield =1.15 ft³/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
 - a. 9 5/8" casing volume = 0.4341 ft³/ft
 - b. 300' plug = 131 ft³ cement.
 - c. Displace to balance plug with 8.33 ppg fluid
 - d. Slowly pull out of cement plug and lay down 500' of 2-3/8" tubing
 - e. Circulate tubing clear of cement with 8.33ppg fluid
7. TOOH laying down tubing to 300'.
8. Mix and pump the final cement plug to fill up 9-5/8" casing from 150' to surface.
 - 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 ft³ Class A cement + 2% CaCl₂, zero excess, yield =1.15 ft³/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
 - a. Volume inside of 9-5/8" = 0.4341 ft³/ft
 - b. 150' plug = 66 ft³ 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.: 47-085-09971

 03/10/2023

03/17/2023

4708509971

1) Date: 2/13/2023
2) Operator's Well Number
Prunty Unit 2H

3) API Well No.: 47 - 085 - 09971

**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: PLEASE SEE ATTACHMENT	Name: _____
Address: _____	Address: _____
(b) Name: PLEASE SEE ATTACHMENT	(b) Coal Owner(s) with Declaration
Address: _____	Name: _____
(c) Name: PLEASE SEE ATTACHMENT	Address: _____
Address: _____	Name: _____
6) Inspector: Isaiah Richards	(c) Coal Lessee with Declaration
Address: 601 57th Street SE	Name: _____
Charleston, WV 25304	Address: _____
Telephone: 304-205-3032	_____

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Office of Oil and Gas
MAR 03 2023
WV Department of
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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.

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 2 day of March, 2023
Stefan Gaspar Notary Public
 My Commission Expires November 15, 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 depprivacyoffier@wv.gov.

03/17/2023

Lockhart Heirs Pad Surface Owners

Tax Parcel ID: 10-14-10
Owner: Timothy R. O'Neill
Address: 15025 Iona Lakes Drive
Fort Myers, FL 33908

Tax Parcel ID: 10-14-10
Owner: Kathleen R. Hoover
Address: 4 Amador
Newport Beach, CA 92657

Tax Parcel ID: 10-14-10
Owner: Acme Dollars & Sense, LLC
Address: 2436 N. Federal Highway, Suite 456
Lighthouse Point, FL 33064

Tax Parcel ID: 10-14-10
Owner: Mary F. Harms 2015 Irrevocable Trust
Address: 4368 Steuben Woods Drive
Steubenville, OH 43952

Tax Parcel ID: 10-14-10
Owner: Sharon S. O'Neill Stainken
Address: 696 San Ramon Valley Blvd 510
Danville, CA 94526

Tax Parcel ID: 10-14-10
Owner: O'Neill Family Trust, Daniel J. O'Neill -
Trustee
Address: P.O. Box 255
Gravois Mills, MO 65037

Tax Parcel ID: 10-14-10
Owner: Daniel J. O'Neill
Address: P.O. Box 255
Gravois Mills, MO 65037

Tax Parcel ID: 10-14-10
Owner: Kelcie Janeen Loftin
Address: 226 Surry Road
O'Fallon, MO 63366

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Tax Parcel ID:

10-14-10

Owner:

Karah Leigh Loftin

Address:

226 Surry Road
O'Fallon, MO 63366

Tax Parcel ID:

10-14-10

Owner:

Antill Keystone Trust

Address:

114 Melinda Drive
Wintersville, OH 43953

Tax Parcel ID:

10-14-10

Owner:

Sean T. O'Neill

Address:

P.O. Box 255
Gravois Mills, MO 65037

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Expected	
Delivery Date:	03/06/2023
Priority Mail® Postage:	\$9.95
Total:	\$9.95
From:	JOHN GIANNAULA 1615 WYNKOOP ST DENVER CO 80202-1106
To:	SEAN T O'NEILL PO BOX 255 GRAVOIS MILLS MO 65037-0255
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To: ANTILL KEYSTONE TRUST 114 MELINDA DR WINTERSVILLE OH 43953-4049	
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Priority Mail® Postage:	<u>\$9.95</u>
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From: JOHN GIANNAULA 1615 WYNKOOP ST DENVER CO 80202-1106	
To: KARAH L LOFTIN 226 SURREY CT O FALLON MO 63366-7418	
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Delivery Date:	03/06/2023
Priority Mail® Postage:	\$9.95
Total:	\$9.95
From:	JOHN GIANNAULA 1615 WYNKOOP ST DENVER CO 80202-1106
To:	TIMOTHY R O'NEILL 15025 IONA LAKES DR FORT MYERS FL 33908-1848
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Delivery Date:	03/06/2023
Priority Mail® Postage:	\$9.95
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Expected Delivery Date:	03/06/2023
Priority Mail® Postage:	<u>\$9.95</u>
Total:	<u>\$9.95</u>
From:	JOHN GIANNAULA 1615 WYNKOOP ST DENVER CO 80202-1106
To:	O'NEILL FAMILY TRUST, DANIEL J. O'NEILL - TRUSTEE PO BOX 255 GRAVOIS MILLS MO 65037-0255
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Trans. #:	583695957
Print Date:	03/02/2023
Ship Date:	03/02/2023
Expected	
Delivery Date:	03/06/2023
Priority Mail® Postage:	\$9.95
Total:	\$9.95
From: JOHN GIANNAULA	
1615 WYNKOOP ST	
DENVER CO 80202-1106	
To: SHARON S O'NEILL STAIKEN	
# 510	
696 SAN RAMON VALLEY BLVD	
DANVILLE CA 94526-4022	
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Print Date:	03/02/2023
Ship Date:	03/02/2023
Expected Delivery Date:	03/06/2023
Priority Mail® Postage:	<u>\$9.95</u>
Total:	<u>\$9.95</u>
From:	JOHN GIANNAULA 1615 WYNKOOP ST DENVER CO 80202-1106
To:	MARY F. HARMS 2015 IRREVOCABLE TRUST 4368 STEUBEN WOODS DR STEUBENVILLE OH 43953-2301
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Trans. #:	583695957
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Ship Date:	03/02/2023
Expected	
Delivery Date:	03/06/2023
Priority Mail® Postage:	\$9.95
Total:	\$9.95
From: JOHN GIANNAULA 1615 WYNKOOP ST DENVER CO 80202-1106	
To: ACME DOLLARS & SENSE, LLC 2436 N FEDERAL HWY PMB 456 LIGHTHOUSE PT FL 33064-6854	
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MAR 03 2023

WV Department of
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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

USPS TRACKING # :	
9405 5036 9930 0492 0139 69	
Trans. #:	583695957
Print Date:	03/02/2023
Ship Date:	03/02/2023
Expected Delivery Date:	03/06/2023
Priority Mail® Postage:	<u>\$9.95</u>
Total:	<u>\$9.95</u>
From:	JOHN GIANNAULA 1615 WYNKOOP ST DENVER CO 80202-1106
To:	KATHLEEN R HOOVER 4 AMADOR NEWPORT BEACH CA 92657-1226
* 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.	



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WW-9
(5/16)

API Number 47 - 085 - 09971
Operator's Well No. Prunty Unit 2H

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) South Fork Hughes River Quadrangle Pullman 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, Wetzel Co Landfill Permit #SWF-1021)

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 2 day of March, 20 23

Stefan Gaspar



My commission expires November 15, 2026

IMR 03/10/2023

03/17/2023

Proposed Revegetation Treatment: Acres Disturbed 5.59 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: 

Comments: _____

Title: OOG Inspectors Date: 03/10/2023

Field Reviewed? () Yes (X) No

WW-7
8-30-06



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

API: 47-085-09971 WELL NO.: Prunty 2H

FARM NAME: Lockhart Heirs

RESPONSIBLE PARTY NAME: Antero Resources Corporation

COUNTY: Ritchie DISTRICT: Union

QUADRANGLE: Pullman

SURFACE OWNER: Karah Leigh Lofton

ROYALTY OWNER: _____

UTM GPS NORTHING: 4337985.54 m

UTM GPS EASTING: 509484.43 m GPS ELEVATION: 1143.8 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.

MM TUM Signature Permitting Manager Title 3/2/23 Date

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

API 47 - 085 - 09971 County Ritchie District Union
Quad Pullman 7.5' Pad Name Lockhart Heirs Pad Field/Pool Name -----
Farm name Karah Leigh Lofton Well Number Prunty Unit 2H
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 4337985.54m Easting 509484.43m
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1143' 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) _____

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Date permit issued 8/30/2012 Date drilling commenced 1/19/2013 Date drilling ceased 5/21/2013
Date completion activities began N/A Date completion activities ceased N/A
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 222' Open mine(s) (Y/N) depths No
Salt water depth(s) ft _____ Void(s) encountered (Y/N) depths No
Coal depth(s) ft No Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed by: _____
03/17/2023

WR-35
Rev. 8/23/13

API 47-085 - 09971 Farm name Karah Leigh Lofton Well number Prunty Unit 2H

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	24"	20"	56'	New	94#, H-40	N/A	Y
Surface	17 1/4"	13 3/8"	547'	New	48#, J-55	N/A	Y
Coal							
Intermediate 1	12 1/2"	9 5/8"	2558'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set		N/A					

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Class A	200 sx	15.6	1.18	244	0'	8 Hrs.
Surface	Class A	667 sx	15.6	1.18	140	0'	8 Hrs.
Coal							
Intermediate 1	Class A	991 sx	15.6	1.18	213	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) ^{5544'} _____ Loggers TD (ft) _____
 Deepest formation penetrated _____ Plug back to (ft) N/A
 Plug back procedure N/A

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WV Department of Environmental Protection

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

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

WR-35
Rev. 8/23/13

API 47- 085 - 09971 Farm name Karah Leigh Lofton Well number Prunty Unit 2H

PRODUCING FORMATION(S)	DEPTHS	
	TVD	MD
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas _____ Oil _____ NGL _____ Water _____
 _____ mcfpd _____ bpd _____ bpd _____ bpd
 GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	

***PLEASE SEE ATTACHED EXHIBIT 3**

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					MAR 03 2023
					WV Department of
					Environmental Protection

Please insert additional pages as applicable.

Drilling Contractor Hall Drilling
 Address 1137 E Washington Ave City Ellenboro State WV Zip 26346

Logging Company _____
 Address _____ City _____ State _____ Zip _____

Cementing Company Hall Drilling
 Address 1137 E Washington Ave City Ellenboro State WV Zip 26346

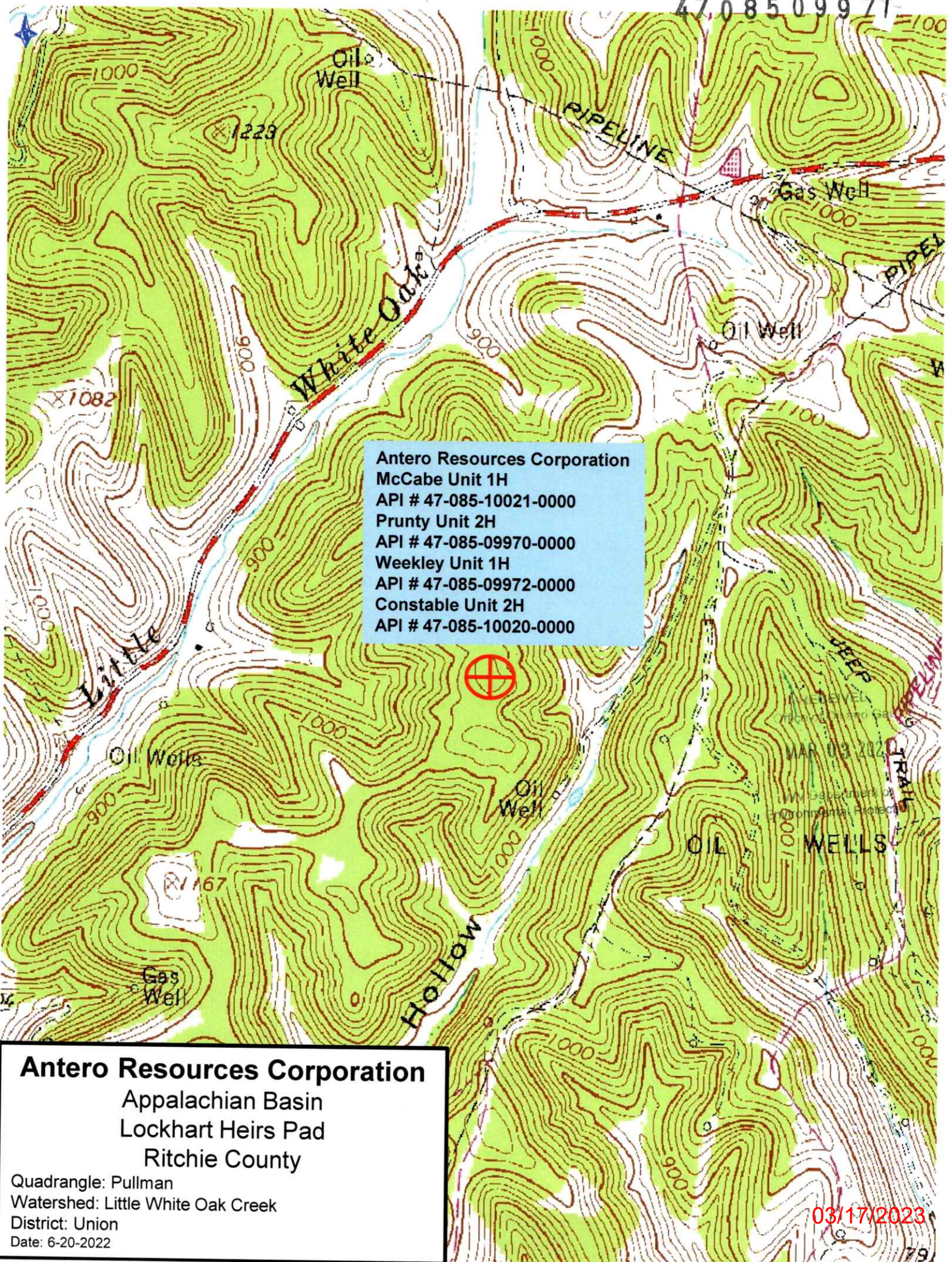
Stimulating Company _____
 Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Mallory Turco Telephone 303-357-7223
 Signature  Title Permitting Manager Date 3/2/23

Submission of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

47.08509971



Antero Resources Corporation
 McCabe Unit 1H
 API # 47-085-10021-0000
 Prunty Unit 2H
 API # 47-085-09970-0000
 Weekley Unit 1H
 API # 47-085-09972-0000
 Constable Unit 2H
 API # 47-085-10020-0000



MAR 03 2022
 Environmental Protection

Antero Resources Corporation
 Appalachian Basin
 Lockhart Heirs Pad
 Ritchie County

Quadrangle: Pullman
 Watershed: Little White Oak Creek
 District: Union
 Date: 6-20-2022

03/17/2023

SURFACE OWNER WAIVER

47 0 8 5 0 9 9 7 1

Operator's Well
Number

Prunty Unit 2H

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

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Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		Date _____

Signature

Date 03/17/2023

WW-4B

47 085 09971

API No. 47-085-09971

Farm Name Lockhart Heirs

Well No. Prunty Unit 2H

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 _____

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Environmental Protection

03/17/2023



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

plugging permits issued 4701706615 4708509971 08509972 08510020 08510021

1 message

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

Mon, Mar 13, 2023 at 2:21 PM


To: Dani Devito <ddevito@shalepro.com>, Mallory Stanton <mstanton@anteroresources.com>, Isaiah M Richards <isaiah.m.richards@wv.gov>, amossor@wvassessor.com, dsponaug@assessor.com


To whom it may concern, plugging permits have been issued for 4701706615 4708509971 08509972 08510020 08510021.


James Kennedy


WVDEP OOG


10 attachments


 **IR-8 4708509972.pdf**
120K


 **ir-8 4708509971.pdf**
120K


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1530K


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