

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

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit approval for POSTLETHWAIT 1M

47-103-03157-00-00

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: POSTLETHWAIT IM

Farm Name: MASON, KENNETH & JENN

U.S. WELL NUMBER: 47-103-03157-00-00

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

- 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	,	20 24
2) Operator's		
Well No. Postlethwait 1M		
3) API Well No. 47-103		- 03157

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

	APPLICATION FOR A PERM	MIT TO PLUG AND ABANDON
4)	Well Type: Oil/ Gas x/ Liquid (If "Gas, Production or Und	d injection/ Waste disposal/ derground storage) Deep/ Shallowx
5)	Location: Elevation 1396' District Center	Watershed Fishing Creek County Wetzel Quadrangle Littleton 7.5'
6)	Well Operator Antero Resources Corporation Address 1615 Wynkoop Street Denver, CO 80202	7) Designated Agent Kevin Ellis Address 535 White Oaks Blvd Bridgeport, WV 26330
8)	Name Stephen McCoy Address 601 57th Street SE Charleston, WV 25304	9) Plugging Contractor Name N/A - Antero will plug well Address
10)	Work Order: The work order for the mann	ner of plugging this well is as follows:
Noti work	fication must be given to the district oi can commence.	l and gas inspector 24 hours before permitted
Work	order approved by inspector	Date 4-17-24

Postlethwait 1M Wetzel County, WV API #47-103-03157



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

Objective: Plug and Abandon from 2,778' 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 @ 2,778'- Cemented to Surface 8.921" ID

tochwater 120,630 COAL 680,1235 Oil and Gas Zones:

Salturater 2067

Elevation 1390'

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

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).
- MIRU Service rig with JU Head. Pressure test well control equipment.
- 5. RIH with 2 3/8" tubing to 2,778'
- 6. Pull up 10' off bottom, MIRU cement services. Mix and pump a 400' cement plug (2,778'-2,378') to cover the Big Injun (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. 400' plug = 174 ft3 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
 - 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% 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. 100' plug = 44 ft3 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 Plus S: Floorian Con 1105 - 1446 F. W 1856 See plus 580 - 790'

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 160'-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.: 47-103-03157

26" Conductor 40' CTS F.W / Surface Plucy 170- Ø Frohwater 120' F. NATE 630' - 790' - 790' 18 5/8 subme cosing 7201 CTS 6041 1235 Elevation / coal Phage 1185-1446 Elevation 1390 133/g Surface Casing 1697' CTS ... cosing shoe Plug 1747-1647 Bottom hole / Bis Triun Play 2778 - 2378 Big Injun 2473-2667 95/8 Int. Cosing 2778 CTS

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

API 47 - 103	03157	County Wetzel	Distri	ct Center		
Quad Wileyville 7.5'		Pad Name Rock C	Camp Field	Pool Name	-	
Farm name Kenneth R	. & Jennifer		Well	Number Post	tlethwait (Jnit 1H
Operator (as registered v	with the OOG)	Antero Resources	Corporation	~		
Address 1615 Wynko		City Den	ver s	tate CO	Zip	80202
		Northing 4387377.10m		32373.63m		
Landing Point		Northing m	Easting m	0		
Botto	om Hole	Northing m	Easting m			
Elevation (ft) 1396'	GL	Type of Well	New DExisting	Type of Report	□Interim	Final
Permit Type Devi	ated 🗅 H	orizontal Horizonta	al 6A D Vertical	Depth Type	□ Deep	■ Shallow
Type of Operation □ C	onvert 🗆 I	Deepen Drill	Plug Back	□ Rework	Stimula	ate
Well Type □ Brine Dis	posal 🗆 CBM	d ■ Gas ■ Oil □ Seco	ndary Recovery Solution	n Mining 🗆 Sto	orage 🗆 C	Other
Type of Completion	Single 🗆 Mu	ltiple Fluids Produc	ed □Brine ■Gas □ N	NGL A Oil	□ Other _	
Drilled with Cable	■ Rotary					
Drilling Media Surface	e hole Air	□ Mud □Fresh Wate	er Intermediate hole	■ Air □ Mud	□ Fresh	Water D Brine
Production hole	Mud t	Fresh Water D Brine				
Mud Type(s) and Addit Air - Foam & 4% KC						
Mud - Polymer						
Date permit issued	9/9/2016	Date drilling comm	enced	Date drilling	ceased	
Date completion activiti	es began		Date completion activities	ceased		
Verbal plugging (Y/N)	N/A	Date permission granted	N/A G	ranted by	N/A	
Please note: Operator is	required to su	bmit a plugging applicat	ion within 5 days of verbal	permission to p	lug	
Freshwater depth(s) ft			Open mine(s) (Y/N) depths		No	
Salt water depth(s) ft	2	057'	Void(s) encountered (Y/N)	depths	No)
Coal depth(s) ft	680,	10051		Pavern(s) encountered (Y/N) depths No		
Is coal being mined in ar		A.1		7. 3 5. "3		
					Revie	ewed by:

05/10/2024

WR-35								I	page 2 of 4
Rev. 8/23/13									
API 47- 103	03157	Farm na	ame_Kenneth	R. & Jenni	fer L. Mas	on Well r	number_Pos	tlethwait	Unit 1H
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		asket epth(s)		circulate (Y/N) details below*
Conductor	26°	20"	40'	New	85#/J-			Cemen	ted to Surface
Surface	18-5/8"	17.75"	720'	New	48#/H-	-40		Cemen	ted to Surface
Coal									
Intermediate 1	13 3/8"	12.715"	1697'	New	36#/J-	-55		Cemen	ted to Surface
Intermediate 2	9 5/8"	8.921"	2778'	New	36#/J-	-55		Cemen	ted to Surface
Intermediate 3									
Production									
Tubing									
Packer type and d	epth set	N/A		***************************************	***				*
CEMENT DATA	Class/Typ of Cemen				ield ³/sks)	Volume (ft. ²)	Cemen		woc
Conductor	OI CLINCII	U Sack	s with	PRO (III	7888)	111-1	Top (MI	, T	(hrs)
Surface								_	
Coal							1		
Intermediate 1							+	-	
Intermediate 2							+		
Intermediate 3							-	-+	
Production							-	_	
Tubing							+	-	
Deepest forma	Drillers TD (ft) 15928' MD, 7438' TVD (BHL), ' (Deepest Point Drilled) Deepest formation penetrated Marcellus Plug back to (ft) N/A Plug back procedure N/A								
Kick off depth	(ft) <u>'</u>								
Check all wire	Check all wireline logs run								
Well cored	Yes W No	Convention	onal Side	wall	Were	cuttings c	ollected []	Yes ■ 1	No
DESCRIBE TO	HE CENTRA	LIZER PLACEMI	ENT USED FO	OR EACH CA	SING STR	ING			
	de shoe, 1 above inse	rt float, 1 every 4th joint to s	urface						
		loat collar, 1 every 4th joint	DE SERVICE DE LA CONTRACTION DEL CONTRACTION DE LA CONTRACTION DE						
Production - 1 above i	lioat joint, 1 below flos	at collar, 1 every 3rd joint to t	top of cement						
WAS WELL C	WAS WELL COMPLETED AS SHOT HOLE □ Yes ■ No DETAILS								
WAS WELL O	WAS WELL COMPLETED OPEN HOLE? □ Yes ■ No DETAILS								
WERE TRACE	ERS USED	□ Yes ■ No	TYPE OF T	RACER(S) U	SED N/A				

API 47- 103 _ 03157

Farm name_Kenneth R. & Jennifer L. Mason_Well number_Postlethwait Unit 1H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)

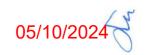
Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
						-		
						-		
						-		

Please insert additional pages as applicable.



Page 4 o	f 4	
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WR-35 Rev. 8/23/13												Page 4 of	4
	_ 03157		Farm	name Ke	enneth	R. & Jer	nnife	er L. Maso	n _{Well}	number F	Postle	ethwait Unit 1H	
All 4/-			14170	Haine						idinoti_			
PRODUCING :	FORMAT	ION(S)	1	DEPTH	<u>S</u>								
Marcellus				'(TOP)		_ TVD	<u>' (T</u>	OP)	MD				
						_			_				
									_				
			<u>:</u>				_						
Please insert ad	ditional pa	ages as	applicable.										
GAS TEST	🗆 Build u	р□І	Drawdown	■ Open	Flow		ОΠ	TEST •	Flow c	Pump			
SHUT-IN PRE	SSURE	Surfac	ce	psi	Botto	m Hole		psi	DURA	TION OF	TES	Г <u>—</u> hrs	
OPEN FLOW	Gas		Oil		NGL		Wa	ater	GAS N	ÆASUF	ED B	Y	
		mefpe	d	bpd _	-	_ bpd		bpd	□ Estir	nated	Orif	fice Pilot	
I FINOLOGY/	TOD		DOTTOM	TV	20	POTTO							
LITHOLOGY/ FORMATION	TOP DEPTH I		BOTTOM DEPTH IN FT		OP I IN FT	DEPTH IN		DESCRIBE I	ROCK TY	PE AND R	ECORI	D QUANTITYAND	
	NAME 1		TVD		D	MD						NE, OIL, GAS, H2S, ETC)	
				-									_
				-			1		the c	-77-			_
		_		+									_
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		-	-	+-	_								_
				1			- 8						_
													_
				-									
Please insert ad	ditional n	ages as	annlicable										_
Drilling Contra Address 912 N	ctor race	Rd	1		City	Howard			State	PA	7in	16841	
Address					City				_ State		_ Z.iP .		
Logging Comp						_			-				
Address				-	City				_ State		_Zip		
Cementing Con	npany Hal	liburton	Energy Serv	rices									
Address 3000 W	/. Sam Hous	ton Pkw	У		City	Houston			State	TX	_Zip	76114	
Stimulating Co.	mpany												
Address	- 1751 E 1850 T				City				_ State		_Zip		
Please insert ad	ditional pa	ages as	applicable.										
Completed hv	Completed by Carly Marvel Telephone 303-357-7373												
	Signature Carly Marvel Title Permitting Agent Date 3/22/2024												
Submittal of Hy	draulic Fr	acturin	g Chemical	Disclosu	re Infor	mation	At	tach copy of	f FR ACE	OCUS	legiet	7	
					without		4 25	vopy o		JUU I	~~ 5,10U	. 7	

WW-4A	
Revised	6-07

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

3) API Well No.: 47 -

103 - 03157

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

4) Surface Own	ner(s) to be served:	5) ((a) Coal Operator
(a) Name	Kenneth R. & Jennifer L		Name
Address	PO Box 103		Address
	Alma, WV 26320		
(b) Name			(b) Coal Owner(s) with Declaration
Address	-		Name
			Address
(c) Name			Name
Address			Address
6) Inspector	Isaiah Richards		(c) Coal Lessee with Declaration
Address	601 57th Street SE		Name
Address	Charleston, WV 25304		Address
Telephone	304 205 3032		Address
relephone	504 203 3032		
Take notice accompanyi Protection, the Applica	ou are not required to take that under Chapter 22-6 cing documents for a permit with respect to the well at	any action at all. of the West Virginia Code to plug and abandon a v the location described or the mailed by registered	this regarding the application which are summarized in the instructions on the reverses side. e, the undersigned well operator proposes to file or has filed this Notice and Application and well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental in the attached Application and depicted on the attached Form WW-6. Copies of this Notice, or certified mail or delivered by hand to the person(s) named above (or by publication in try to the Chief.
		Well Operator	Antero Resources Corporation
		By:	Jon McEvers / M M Sup U
CARLY RAYNE		Its:	Senior VP of Operations
Notary Po		Address	1615 Wynkoop Street
Notary ID # 202			Denver, CO 80202
y Commission Exp	ires 10-05-2026	Telephone	303-357-7310
Subscribed and My Commission	sworn before me the	uis 9th de Je Marve	Ay of April 2024 Notary Public
Oil and Gas Priva	cy 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 depprivacyoffice@wv.gov.

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

USPS TRACKING # : 9405 5036 9930 0678 1060 58

601634414 04/10/2024 04/10/2024 04/13/2024 Priority Mali® Postage: \$10.15 Total: \$10.15

From: CARLY MARVEL

1615 WYNKOOP ST **DENVER CO 80202-1106**

To: KENNETH R. & JENNIFER L. MASON

PO BOX 103

ALMA WV 26320-0103

Retail Pricing Priority Mall rates apply. There is no fee for USPS Tracking® ser on Priority Mall service with use of this electronic rate shipping label. Refunds for unused postage peld labels can be requested online 30 days from the print date.

UNITED STATES
POSTAL SERVICE Thank you for shipping with the United States Postal Service! Check the status of your shipment on the USPS Tracking® page at usps.com

API No.	47-103-03157
Farm Name	Kenneth R. & Jennifer L. Mason
Well No.	Postlethwait 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 then 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	
has examined this proposed pluggi	york order. The undersigned has no objection to the work proposed to well operator has complied with all applicable requirements of the Walations.	be
Date:		
	Ву:	
	lts	

SURFACE OWNER WAIVER

Operator's Well Number

			-		
² ostl	ethy	vait	7	М	

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

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 he objection to a permit being issue FOR EXECUTION BY A NATUETC.	d on those materials.	ne planned wo		naterials, and I have no
	Date	Name		
Signature		By		
		Ita		Date
			Signature	Date

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 V
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
Other (Explain #SWF-1032-98)
Northwestern Landfill Permit #SWF-1025/WV0109410
Will closed loop systembe 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 disposalmethod? 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 swom before me this 9th day of Appli , 20 24
CARANI PO ANTINIA MARIOLIA
Notary Public CARLY RAYNE MARVEL Notary Public
My commission expires State of Colorado Notary ID # 20224038743
My Commission Expires 10-05-2026

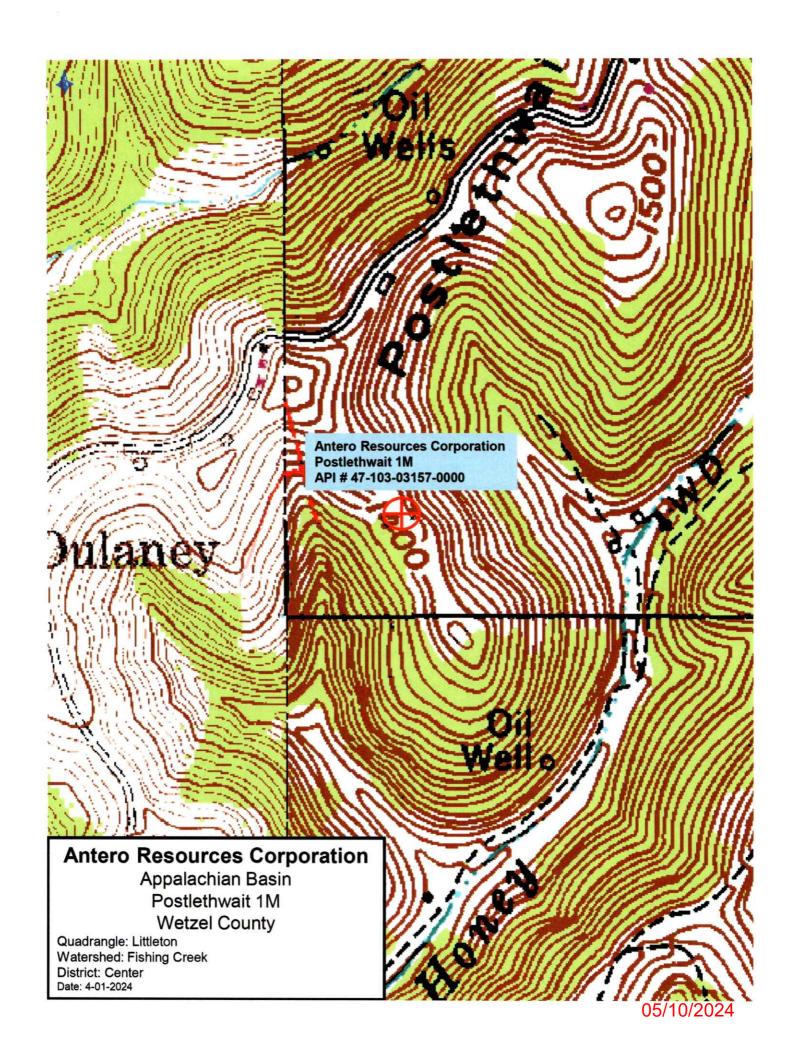
Fertilizer type	Permanent
Mulch 2-3 Tons/acre Seed Mixtures Temporary Seed Type lbs/acre Seed Typ	
Seed Mixtures Temporary Seed Type Ibs/acre Seed Typ	
Temporary Seed Type lbs/acre Seed Typ	
Seed Type Ibs/acre Seed Typ	
**	and w
Annual Ryegrass 40 Crownvetch	e Ibs/acre
	10-15
Field Bromegrass 40 Tall Fescue	30
Please reference Table IV-3 on page 7 of the Well #1 Plugging Plan Please reference Table IV-4	A on page 7 of the Well #1 Plugging Plan
*or type of grass seed requested by surface owner	
Photocopied section of involved 7.5' topographic sheet.	
Plan Approved by: 500 Comments: Property Melann, send and much to Old Standard	L.
Title: W Oil Gas Tripeton Date: 4-17-23	
Title: VW UII (13 h) (ctal Date: 4-11-12)	



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

WELL BOOK	OIT I OIL III OI D
_{API:} 47-103-03157	WELL NO.: Postlethwait 1M
FARM NAME: Rock Camp	
responsible party name: Ante	ero Resources Corporation
	DISTRICT: Center
OUADBANGLE: Littleton	
SURFACE OWNER: Kenneth R.	& Jennifer L. Mason
ROYALTY OWNER:	
UTM GPS NORTHING: 4387377.	<u>10 m</u>
UTM GPS EASTING: 532373.63 I	
The Responsible Party named above has che preparing a new well location plat for a plug above well. The Office of Oil and Gas will a the following requirements: 1. Datum: NAD 1983, Zone: 17 No height above mean sea level (MS 2. Accuracy to Datum – 3.05 meter 3. Data Collection Method: Survey grade GPS X: Post Processed	iging permit or assigned API number on the not accept GPS coordinates that do not meet orth, Coordinate Units: meters, Altitude: (L) – meters.
Real-Time Dif	
Mapping Grade GPS X: Post Process	
	Differential X
 Letter size copy of the topograph I the undersigned, hereby certify this data is belief and shows all the information required prescribed by the Office of Oil and Gas. 	
NW Tw Pur	Title Manager 4/10/29 Date
ī	





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

plugging permits issued 4710303157 10303158 10302936

1 message

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

3 attachments



4710303157.pdf 2768K



4710303158.pdf 2798K



4710302936.pdf 3112K