

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 22, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT 601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for LINGER 5

47-041-01003-00-00

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:

Farm Name: LINGER, H. B.

U.S. WELL NUMBER: 47-041-01003-00-00

Vertical Plugging
Date Issued: 5/22/2023

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. 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.
- 2. Well work activities shall not constitute a hazard to the safety of persons.
- 3. 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 4/6/7	0	4	1	0	10	03
2)Operator	's				-	
Well No.						at
3) API Well	No	. 4	704	410	1003	

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 X / Gas X / Liquid	d injection/ Waste disposal/ derground storage) Deep/ Shallow X
		Watershed 50200020104
5)	Location: Elevation 1498 District Skin Creek	County Lewis Quadrangle Adrian
6)	Well Operator Address Address Unknown DEP Paid Plugging Contract 601 57th Street Charleston, WV 25304	7) Designated Agent Jason Harmon Address 601 57th Street Charleston, WV 25304
8)	Oil and Gas Inspector to be notified Name Kenneth Greynolds	Name North Wind Site Services
	Address 613 Broad Run Drive Jane Lew, WV 26378	Address 1425 Higham St Idaho Falls, ID 83402
	Work Order: The work order for the mann	ner of plugging this well is as follows: RECEIVED Office of Oil and Gas MAY 05 2023 WV Department of Environmental Protection
	fication must be given to the district of can commence.	il and gas inspector 24 hours before permitted
Work	Kenneth Grey order approved by inspector	ProlidSon CV = Kenneth Greynolds email = Kenneth L Greynolds@nv gov C = AD O = WVDEP Ou = Oi apid Gas Date 2023 04 19 08 42:36-0400 Date 2023 04 19 08 42:36-0400

API: 47-041-01003
Permit #: Lew-1003
Well Name: Linger #5
County/State: Lewis, WV

TD: 4592' Elevation: 1498'

Casing: 9 5/8" @ 545' CTS

4 1/2" @ 4592' cem w/ 150 sks

Coal: None reported

Water: None Reported

Gas: 4451', 2436', 2310', 1955'-1904'

Oil: 2436' 2310', 1955'

RECEIVED
Office of Oil and Gas

MAY 05 2023

WV Department of Environmental Protection

Notes:

*6% gel must be used between all Class A Cement/Class L Cement Plugs.

*100' cement plugs 50' in and 50' out must be set at all casing cuts.

Plugging Procedure:

- 1) Notify DEP State Inspector Kenneth Greynolds 304-206-6613, a minimum 48 hrs prior to commencing plugging operations.
- 2) MIRU. Check CSIP, blow down, and check TD.
- 3) TIH w/ tubing to 4451'. Pump 30 bbls of 6% gel. Set 101' Class A/Class L Cement Plug from 4451' to 4350' (gas show). TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off as needed.
- 4) TOOH w/ tubing. Free-point 4 $\frac{1}{2}$ " casing, cut/pull. TIH w/ tubing to casing cut. Set 100' Class A/Class L Cement Plug 50' in and 50' out of casing cut.
- 5) TIH w/ tubing to 2500'. Pump 20 bbls of 6% gel water. Set 240' Class A/Class L Cement Plug from 2500' to 2260' (gas/oil shows @ 2436' and 2310'). TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off as needed.
- 6) TIH w/ tubing to 2005'. Set 151' Class A/Class L Cement plug from 2005' to 1854' (gas show). TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off as needed.
- 7) TIH w/ tubing to 1548'. Pump 20 bbls of 6% gel. Set 100' Class A/Class L Cement plug from 1548' to 1448' (elevation). TOOH w/ tubing to 595'. WOC. Tag TOC, top off as needed.
- 8) Set 100' Class A/Class L Cement plug from 595' to 495' (9 5/8" casing seat). TOOH with tubing.
- 9) If 10" casing is not cemented to surface, attempt to pull casing. If unable to pull, perforate casing @ 200', 150', 100', and 50'.
- 10) TIH w/ tubing to 200'. Circulate Class A/Class L Cement from 200' to surface. TOOH w/ tubing.
- 11) Top off with cement, install monument, reclaim to WV DEP Specs.

^{*}Any casing that cannot be pulled or is not cemented, must be perforated at all cement plugs.

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DEPARTMENT OF MINES 1710 11712 5 10

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ON VICE OF THE DATE OF THE OFFICE OF THE OFF

(776) Vice President 05/26/2023

WW-4A Revised 6-07 1) Date:

4/6/2023

2) Operator's Well Number

Unknown DEP Paid Plugging Contract

3) API Well No.: 4704101003

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

4) Surface Ow	ner(s) to be served:	5)	(a) Coal Operator		
(a) Name	Monogahela Power Company		Name		
Address	800 Cabin Hill Dr.		Address		
	Greensburg, PA 15601				
(b) Name	Sept.		(b) Coal Owne	r(s) with Declarat	ion
Address	4		Name	(-)	
	S 		Address -		
	3 2				
(c) Name			Name -		
Address	8		Address		
	-				
6) Inspector	Kenneth Greynolds		(c) Coal Lessee	e with Declaration	-
Address	613 Broad Run Road		Name	, with Declaration	
Address	Jane Lew, WV 26378		Address _		
Telephone	304-206-6613		Address _		
relephone	504 200 0010				
Take notic accompany Protection, the Applic	you are not required to take that under Chapter 22-6 of ying documents for a permit, with respect to the well at	any action at all. If the West Virginia Coo to plug and abandon a the location described of en mailed by registered	de, the undersigned well open well with the Chief of the Of on the attached Application a d or certified mail or deliver	rator proposes to file or ha fice of Oil and Gas, West nd depicted on the attach	as filed this Notice and Application and Virginia Department of Environmental ed Form WW-6. Copies of this Notice, n(s) named above (or by publication in
	mmmy	Well Operator By:	Unknown DEI	Paid Plyging	Office of Office
WEST	OFFICIAL SEAL NOTARY PUBLIC	Its:	7		MAY 0.5 2022
ST.	ATE OF WEST VIRGINIA NAE DAWN WHITLOCK	Address			WAI U D 2023
601 57th	Street, SE, Charleston, WV 25304				tan / m
My Co	mmission Expires April 06, 2027	Telephone		F	WV Department of Environmental Protection
Subscribed and	sworn before me th	1	ay of May	ACA3	·
My Commission	Expires	pril le	309J	Notary Publ	ıc
Oil and Gas Priva	acy 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 recedent of the business or as needed to comply with statutory or regulatory requirements, including recedent of the business or as needed to comply with statutory or regulatory requirements, including recedent of the business or as needed to comply with statutory or regulatory requirements, including recedent of the business or as needed to comply with statutory or regulatory requirements, including recedent of the business or as needed to comply with statutory or regulatory requirements, including recedent of the business or as needed to comply with statutory or regulatory requirements, including recedent of the business of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our

Posterior ERTIFIED MAIL RECEIPT

Hadison Ac

First-Class Mail Postage & Fees Paid USPS Permit No. G-10

USPS TRACKING #27 APR 2023 P

United States Postal Service

9590 역402 74역4 군055 512위 옵L Inited States Sender: Please print your name, address, and ZIP+4® in this box® 121 Jenny Dr Madison, Al 35756 Wicole McKenzie

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05/26/2023



west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 Phone (304) 926-0450 Harold D. Ward, Cabinet Secretary dep.wv.gov

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

IN THE MATTER OF A VARIANCE FROM)	
LEGISLATIVE RULE 35CSR4)	ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE)	
35CSR8 SECTION 20.1,)	
RELATING TO THE CEMENTING)	
OF OIL AND GAS WELLS)	

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

FINDINGS OF FACT

- 1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
- Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
- 3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and monogramed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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

James Martin, Chief Office of Oil and Gas WW-9 (5/16)

API Number		
Operator's We	eli No	Unknown DEP Paid Plugging Contract

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

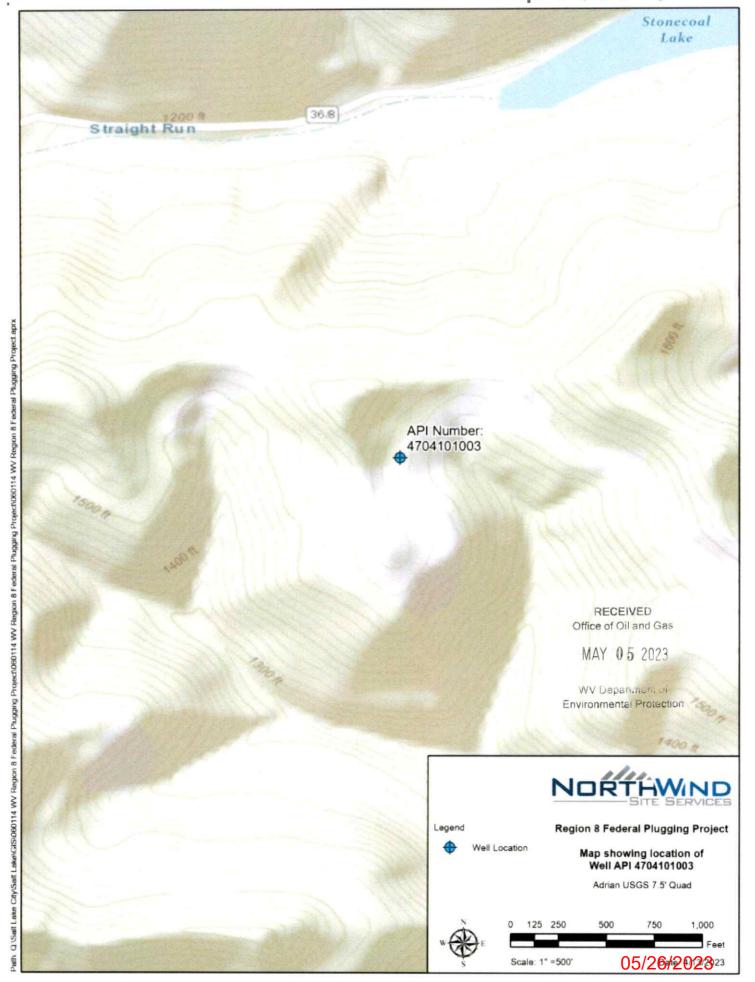
Operator Name Unknown DEP Paid Plugging Contract	OP Code
	Quadrangle Adnan
Do you anticipate using more than 5,000 bbls of water to c	
Will a pit be used? Yes No	
If so, please describe anticipated pit waste:	
Will a synthetic liner be used in the pit? Yes	No If so, what ml.?
Proposed Disposal Method For Treated Pit Waste	es:
	rovide a completed form WW-9-GPP)
	remit Number)
Off Site Disposal (Supply form	
Other (Explain_	re and disposed of off site at an approved facility
	s and disposed of off-site at an approved facility.
Will closed loop systembe used? If so, describe: N/A	NA NA
Drilling medium anticipated for this well (vertical and hori	
-If oil based, what type? Synthetic, petroleum, etc	c. RECEIVED Office of Oil and Gas
Additives to be used in drilling medium? N/A	
Drill cuttings disposal method? Leave in pit, landfill, remo	oved offsite, etc. NA MAY 05 2023
-If left in pit and plan to solidify what medium wil	AAA Debtuares s
-Landfill or offsite name/permit number?	Environmental Protect
	and Gas of any load of drill cuttings or associated waste rejected at any vided within 24 hours of rejection and the permittee shall also disclose
on April 1, 2016, by the Office of Oil and Gas of the Wes provisions of the permit are enforceable by law. Violations or regulation can lead to enforcement action. I certify under penalty of law that I have person application form and all attachments thereto and that, based	
Company Official Title President	
1 Maria	
Subscribed and swom before me this 2rd day o	Notary Public Notary Public STATE OF ST
Mianda Marie De	Notary Public No
My commission expires 08 01 202 U	OF CHINESSEE

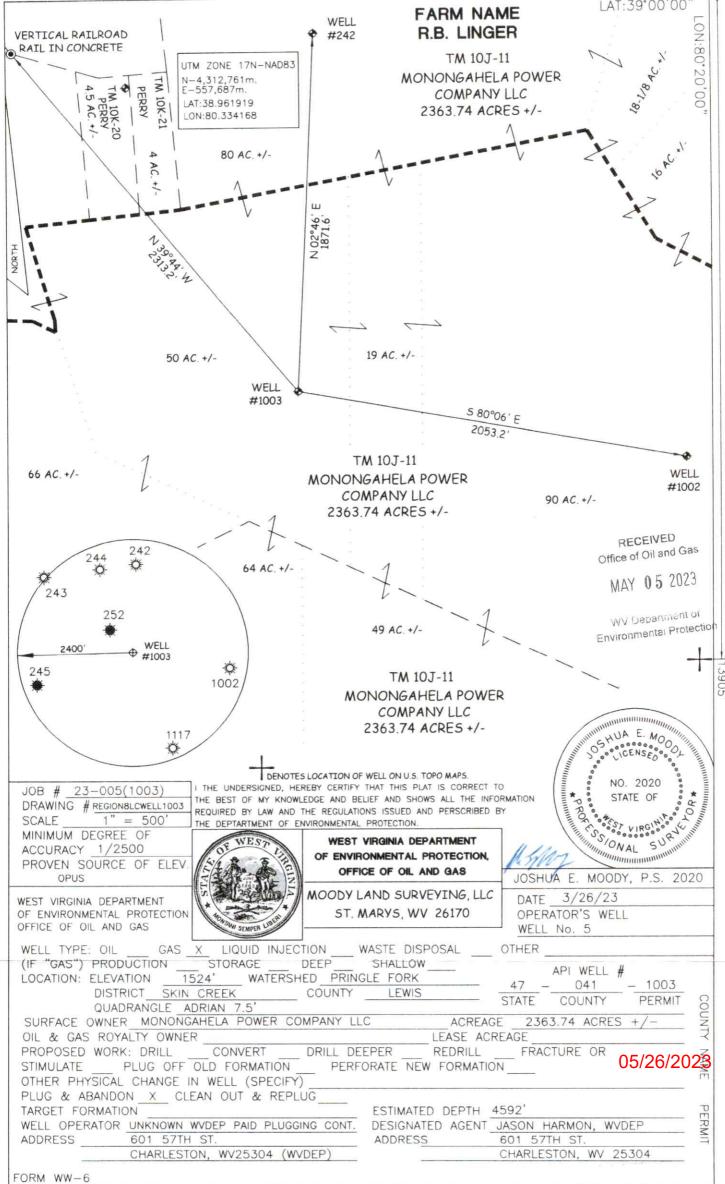
Form WW-9

4704101003

Operator's Well No. Unknown DEP Paid Plugging Contrac

Proposed Revegetation Trea	tment: Acres Disturbed 0.31	Preveg etation p	оН
Lime 2 - 3	Tons/acre or to correct to pH	ſ	
Fertilizer type 10-	10-20 or similar		
Fertilizer amount 5	00	os/acre	
Mulch_ Hay/Straw	2Tons/	acre	
		d Mixtures	
	emporary		anent
Seed Type	lbs/acre	Seed Type	lbs/acre
Sudangrass	40	Tall Fescue	50
provided). If water from the L, W), and area in acres, of	pit will be land applied, provide with land application area.	ation (unless engineered plans incluater volume, include dimensions (L	ading this info have been w, W, D) of the pit, and dime
Maps(s) of road, location, piprovided). If water from the L, W), and area in acres, of Photocopied section of invol	pit will be land applied, provide we the land application area. Ived 7.5' topographic sheet.	ater volume, include dimensions (L	, W, D) of the pit, and dime
Maps(s) of road, location, piprovided). If water from the L, W), and area in acres, of Photocopied section of invol	pit will be land applied, provide withe land application area. lved 7.5' topographic sheet. enneth Greynolds	ater volume, include dimensions (L	RECEIVED Office of Oil and Gas
Maps(s) of road, location, pi provided). If water from the L, W), and area in acres, of Photocopied section of invol	pit will be land applied, provide with the land application area. Ived 7.5' topographic sheet. Popular signed by Carrier Computers and Formula Computers	ater volume, include dimensions (L	, W, D) of the pit, and dime
Maps(s) of road, location, pi provided). If water from the L, W), and area in acres, of Photocopied section of invol	pit will be land applied, provide withe land application area. lved 7.5' topographic sheet. enneth Greynolds	ater volume, include dimensions (L	RECEIVED Office of Oil and Gas MAY 0 5 2023
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Maps(s) of road, location, pi provided). If water from the L, W), and area in acres, of Photocopied section of invol	pit will be land applied, provide with the land application area. Ived 7.5' topographic sheet. Popular signed by Carrier Computers and Formula Computers	ater volume, include dimensions (L	RECEIVED Office of Oil and Gas MAY 0 5 2023
Maps(s) of road, location, piprovided). If water from the L, W), and area in acres, of Photocopied section of involved an Approved by: Comments:	pit will be land applied, provide with the land application area. Ived 7.5' topographic sheet. Popular signed by Carrier Computers and Formula Computers	ater volume, include dimensions (L	MAY 0.5 2023 WV Department of Environment Projection





#1003

SURFACE OWNER WAIVER

Operator's Well Number **4704101003**Unknown DEP Paid Plugging Contract

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 Of and Gas

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

MAY 05 2023

WV Department of Environmental Protection

Date

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.

<u>Comments must be in writing.</u> 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 objection to a permit being issu FOR EXECUTION BY A NATUETC.	ed on those materials.	ne planned work	described in these materials, and I have to FOR EXECUTION BY A CORPORATION	
G:	Date	Name		
Signature		By		
		Its	Date	
			05/26/2023	

Signature

. WW-4B

API No.	4/70/41/01/00/81/003
Farm Name	R.B. Linger
Well No.	5

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.



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

Plugging permits issued 4704101002 and 1003

1 message

Kennedy, James P <james.p.kennedy@wv.gov> Mon, May 22, 2023 at 2:18 PM To: nicole.mckenzie@northwindgrp.com, Henry J Harmon <henry.j.harmon@wv.gov>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, jbreen@assessor.state.wv.us

To whom it may concern, plugging permits have been issued for 4704101002 and 1003.

James Kennedy

WVDEP OOG

2 attachments



4704101002.pdf 1963K