

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

Friday, February 24, 2023 WELL WORK PLUGGING PERMIT Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT 601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for I-7

47-043-01731-00-00

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: MASON, GORDON

U.S. WELL NUMBER: 47-043-01731-00-00

Vertical Plugging

Date Issued: 2/24/2023

Promoting a healthy environment.

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.

WW-4B Rev. 2/01

1)Date	February 7	02/24/202	23
2) Operat	or's		
Well N	0.	1-7	
3) API We	11 No. 47	-043 - 01731	

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

	APPLICATION FOR A PERI	MIT TO PLUG AND ABANDON
4)	Well Type: Oil/ Gas/ Liquid	d injectionxx_/ Waste disposal/
	(If "Gas, Production or Und	derground storage) Deep/ Shallow XX
5)		
	District <u>Duval</u>	County <u>Lincoln</u> Quadrangle <u>Griffithsville WV</u>
6)	Well Operator Ustram PER D (4Pt)	7) Designated Agent
0,	Address 501 57th Street SE	7) Designated Agent Jason Harmon
	Charleston, WV 25304	Address 601 57th Street SE
	The second secon	Charleston, WV 25304
8)	Oil and Gas Inspector to be notified	9) Plugging Contractor
	Name Brian Warden	Name WPS Environmental LLC
	Address 49 Elk Creek Road	
	Debarton, WV 25670	Alum Creek, WV 25003
c. Mo line d. Che e. RTI 228 f. RTI g. RII h. RTI tubi j. PTC k. Rig l. RTI plu m. Rig	es and cap below ground eck reported TD at approximately 2287 ft. If estimated of H to estimated TD or 2287 ft. (or new approved depth), 17-2180 WOC pull tubing to safe elevation above ceme H and tag plug, add cement as needed to plug top, PTG cutter and find free point of 4-1/2 casing, cut, rip and F H tubing to 50 feet below cut, set 100 ft. cement plug a H and tag plug, add cement as needed to plug top, pull ng to safe elevation above cement plug, RIH and tag plug to surface up to pull on 8-5/8 inch casing, attempt to POC, Well R H 297 feet cement plug 297-197 tag plug, add cement is from 100 ft to surface, top off as needed a down, set monument with well tag showing API No. ar	spot 6% get and pump cement plug from approximately ent plug OH to surface POC to 500 ft. Estimated TOC at 1780 ft. cross cut. WOC pull tubing to safe elevation above cement plug tubing to elevation plug set cement plug 820-720 WOC pull lug, add cement as needed to plug top Record indicates cemented to surface as needed to plug top, pull tubing to 100 ft. set the CEIVED and Gas and Date, reclaim all disturbed areas. FEB 15 2023
RTIH	= run tubing in hole PTOH = pull tubing out of hole WO	C = wait on cement POC = pull out casing
All cer	ment plugs must be CLASS "A" PORTLAND CEMENT	
work	fication must be given to the district of can commence. order approved by inspector Older	il and gas inspector 24 hours before permitted Date 2/3/23

Proposed Work Plan

47-043-01731

- 1. Notify the state Inspector within 24 hours of plugging commencement.
- 2. Run down and check TD at approximately 2289'.
- 3. Free point and recover all free casing and tubing in well.
- 4. Set 6% gel between all plugs.
- 5. Set plugs with Class A cement and or Class L cement.
- 6. Set cement plug from 2287' to 2180' then tag plug.
- 7. Set 100' cement plug at free point cut in casing then tag plug.
- 8. Set cement plug at elevation from 820' to 720' then tag plug.

9. Set cement plug from 297' to 197' then tag plug.

10. Set cement plug from 100' to surface.

15/23 2/15/23 11. Rig down, set monument, and proceed to the next well location.

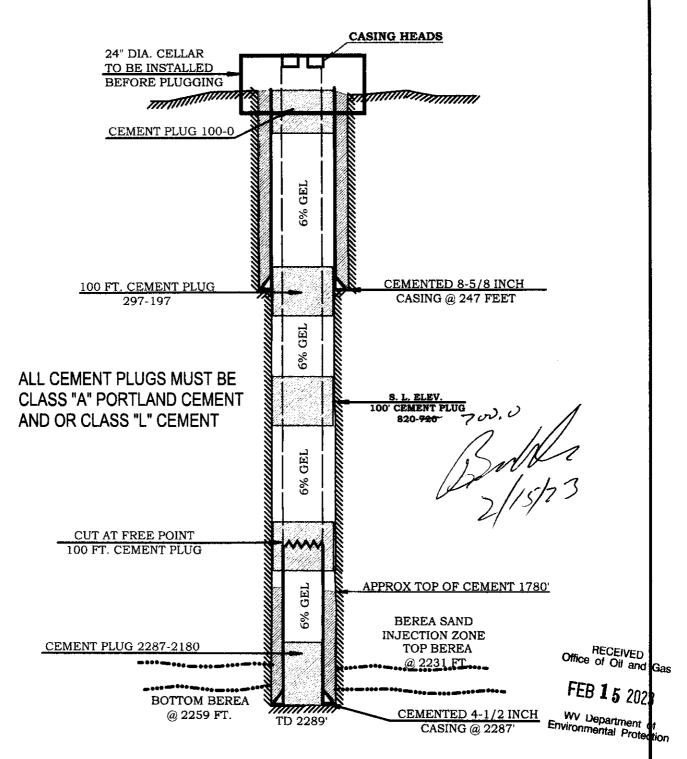
RECEIVED
Office of Oil and Gas

FEB 1 5 2023

WV Department of Environmental Protection

WELL SCHEMATIC

47-043-01731 OP # I-7 DUVAL DISRTICT LINCOLN COUNTY WV ELEVATION 750.6 Ft.



NO FRESH WATER, SALT WATER AND OR COAL DENOTED ON WELL RECORD

WW-4A Revised 6-07

1) Date: 2) Operator's Well Number

043 01731

3) API Well No.: 47 -

STATE OF WEST VIRGINIA

	MENTAL PROTECTION, OFFICE OF OIL AND GAS ATION TO PLUG AND ABANDON A WELL
Owner(s) to be served:	5) (a) Coal Operator

4)	Surface Owr	ner(s) to be served:	5) (a)	Coal Operator	
ं	(a) Name	King Enterprises, Inc.		Name	N/A
	Address	P. O. Box 555 Hamlin, WV 25523		Address	
	(b) Name	Harrini, WV 20020		(b) Coal Own	ner(s) with Declaration
	Address			Name	N/A
				Address	
	(a) Name			Name	
	(c) Name			Address	
	Address			Address	
6)	Inspector	Brian Warden	Λ:	(c) Coal Less	see with Declaration
	Address	49 Elk Creek Road		Name	N/A
		Delbarton, WV 25670		Address	
	Telephone	304-205-3229			
TO	THE PE	RSONS NAMED ARO	WF. van al	auld have seed	ived this Form and the following deguments:

- (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
- 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.

OFFICIAL SEAL NOTARY PUBLIC OTATE OF WEST VIRGINIA	Well Operator By: Its: Address	Unknown DEP Plugging Contract 601 57th Street SE		
RENAE DAWN WHITLOCK 601 57th Street, SE, Charleston, WY 28304		Charleston, WV 25304		
My Commission Espires April 96; PRE7	Telephone		Office of Oil and Gas	
Subscribed and swarn before me this	156	day of Tellangua 2023	FFR 1 5 2022	

Notary Public

- 0 ZUZ3

WV Department of Environmental Protection

Oil and Gas Privacy Notice

My Commission Expires

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.

58	U.S. Postal Service [™] CERTIFIED MAIL® REC Domestic Mail Only	EIPT
김	For delivery information, visit our website	at www.usps.com*
5.2	Hamon Fur Fre A L	USE
902	Certified Mail Fee 54 . 15	0437
	Extra Services & Fees (check box, add fee as abordor(ate)	02
0000	Return Receipt (hardcopy) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Postmark Here
1810	Postage \$1,26 \$ Total Postage and Fees	02/06/2023
7020	Sent To Sherfrises INC Street and Apt. No., or PO Box No. City, State, 219-45 HEMI'M, W 25523 PS Form 3800, April 2015 PSN 7759-02-000-9047	See Reverse for Instructions

Office of Oil and Oa

FEB 15 2023

WV Departure Environmental Project



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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 SECTION 14.1. AND LEGISLATIVE RULE 35CSR8 SECTION 20.1, RELATING TO THE CEMENTING)	ORDER NO.	2022-1
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

- 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.

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 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

	47 0 4 3 9 2 1 7 3 0 3 3 1
API No.	47-043-01731
Farm Name	Guyan Oil Co. C. W. May
Well No.	I-7

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 plugging wor	rk order. The undersigned hat operator has complied with	/ of the coal under this well location s no objection to the work proposed to be all applicable requirements of the West
Date: January 23, 2023	_ No coal owner	, operator and or lease
	Ву:	
	Its	

Office of Oil

WV Departal #

4 /	0	4 5	02/24/2023
API Number 47 -			01731
Operator's Well No.		1-7	A

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

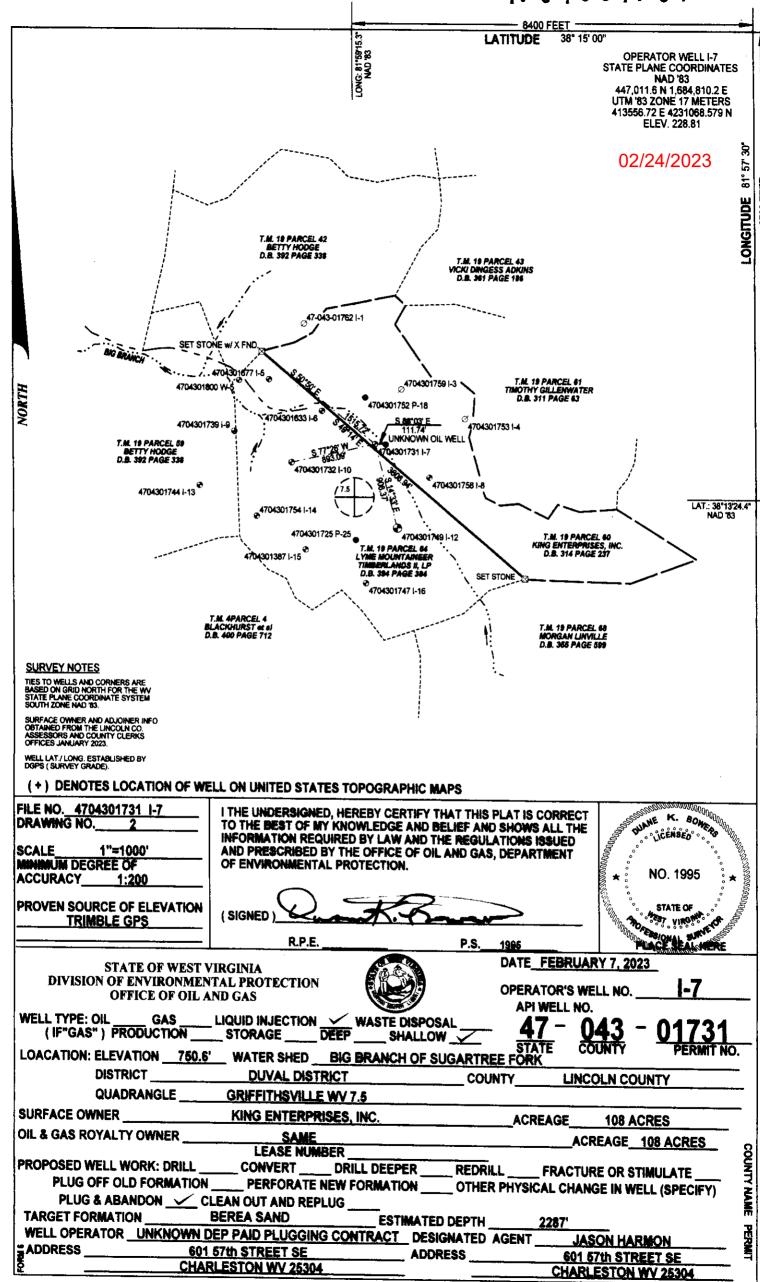
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

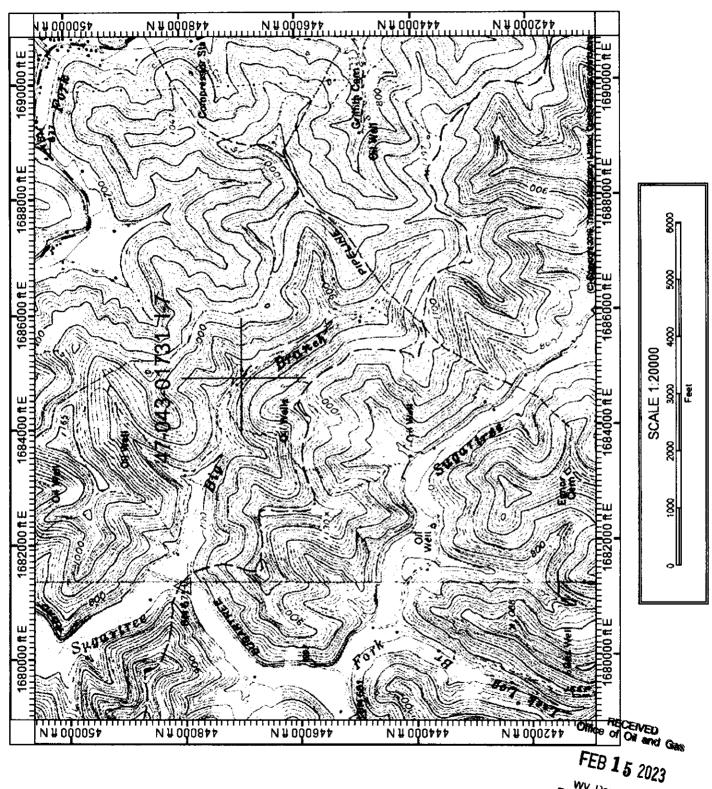
Operator Name Unknown DEP Paid Plugging OP Code
Watershed (HUC 10) Big Branch of Sugartree Fork Quadrangle Griffithsville
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No
Will a pit be used? Yes No X
If so, please describe anticipated pit waste: Plugging fluids, potentially salt water, oil, gel, and cement all flowed back to tanks
Will a synthetic liner be used in the pit? Yes No X 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) Reuse (at API Number)
Off Site Disposal (Supply form WW-9 for disposal location)
Other (Explain
Will closed loop systembe used? If so, describe:
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 o btaining 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. OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA RENAE DAWN WHITLOCK BOT FIT IS TITLE OF WEST VIRGINIA RENAE DAWN WHITLOCK BOT
Subscribed and sworn before me this day of selection, 20 33 Office of Oil and Gas
Vience Lan Library Public FEB 15 2023
My commission expires

47043₂92<mark>1</mark>4/20331

Environ

0.5 acres Prevegetation pH unknown Proposed Revegetation Treatment: Acres Disturbed Lime _____ 2 Tons/acre or to correct to pH _____ +-6.0 10-10-10 Fertilizer type 500 lbs/acre Fertilizer amount 2 Tons/acre **Seed Mixtures Temporary** Permanent Seed Type lbs/acre Seed Type lbs/acre Contractors Mix 25 N/A Ky. 31 Tall Fescue 25 5 Ladino Clover 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 WV Department of Environmental Protection Field Reviewed? FEB 1





WV Department of Environmental Protection

47043024/70331

SURFACE OWNER WAIVER

Operator's Well Number 1-7

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:

T C 43.

4) The proposed well work fails to protect fresh water sources or supplies:

Office of Oil and Car 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 reviewed the violation...".

violation...".

We depaid to 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.

objection to a permit being issued on those materials. FOR EXECUTION BY A NATURAL PERSON			FOR EXECUTION BY A CORPORATION,	
ETC.	D . (.,		
Signature	Date	Name By		
		Its		Date
			Signature	Date

02/24/2023



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

plugging permits issued 4704301731 01739

1 message

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

Fri, Feb 24, 2023 at 11:15 AM

To: Brian Warden brian.warden@wv.gov, Henry J Harmon henry.j.harmon@wv.gov, guybrowning@lincolncountywv.org, operations.wpsenvr@outlook.com

To whom it may concern, plugging permits have been issued for 4704301731 01739.

James Kennedy

WVDEP OOG

4 attachments



IR-8 4704301739.pdf 120K



4704301731.pdf 1442K



4704301739.pdf 1594K



IR-8 4704301731.pdf

120K