

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, February 27, 2023 WELL WORK PLUGGING PERMIT Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT 601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for I-12 47-043-01749-00-00

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: 47-043-01749-00-00

Vertical Plugging Date Issued: 2/27/2023

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. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

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.

1) Date 4 a Tua 0 24	30,127249
2)Operator's	
Well No.	1-12
3) APT Well No.	47-043 - 01749

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/ Liquid (If "Gas, Production or Und	d injection <u>xx</u> / Waste disposal/ derground storage) Deep/ Shallow <u>XX</u>
5)	Location: Elevation 885.7	Watershed Big Branch of Sugartree Fork
0,	District <u>Duval</u>	
6)	Well Operator Unknown DEP Paid Plugging Address 501 57th Street SE Charleston, WV 25304	7) Designated Agent Jason Harmon Address 601 57th Street SE 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	Address <u>934 Little Coal River Road</u>
	Debarton, WV 25670	Alum Creek, WV 25003
24(F. RT g. RIII n. RT tub . PT K. Rig . RT pl m. Rig	20-2300 WOC pull tubing to safe elevation above ceme IH and tag plug, add cement as needed to plug top, PTGH cutter and find free point of 4-1/2 casing, cut, rip and FIH tubing to 50 feet below cut, set 100 ft. cement plug a IH and tag plug, add cement as needed to plug top, pulling to safe elevation above cement plug, RIH and tag pOH to surface pull remaining 4-1/2 casing to surface pub to pull on 8-5/8 inch casing, attempt to POC, Well R	OH to surface POC to 500 ft. Estimated TOC at 1260 ft. cross cut. WOC pull tubing to safe elevation above cement plug tubing to elevation plug set cement plug 1023-923 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 top INCEIVED and Gas and Date, reclaim all disturbed areas. FEB 15 2023
All ce	ment plugs must be CLASS "A" PORTLAND CEMENT	
worl	ification must be given to the district of can commence. The conder approved by inspector approved by approved by inspector approved by inspector approved by inspector approved by app	il and gas inspector 24 hours before permitted Date $\frac{2}{15/23}$

4704301749

Proposed V/ork Plan

47-043-01749

Blhr 2/15/23

- 1. Notify the state Inspector within 24 hours of plugging commencement.
- 2. Run down and check TD at approximately 2480'.
- 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 2400' to 2300' then tag plug.
- 7. Set 100' cement plug at free point cut then tag plug.
- 8. Set cement plug at elevation from 1023' to 923' then tag plug.
- 9. Set cement plug from 358' to 258' then tag plug.
- 10. Set cement plug from 100' to surface.
- 11. Rig Down, set monument, and proceed to the next well location.

RECEIVED
Office of Oil and Gas

FEB 15 2023

WV Department of Environmental Protection

ran Electric Logs: Compensated Density

Gamma Ray Caliper Porosity

Radio activity Induction Logs:

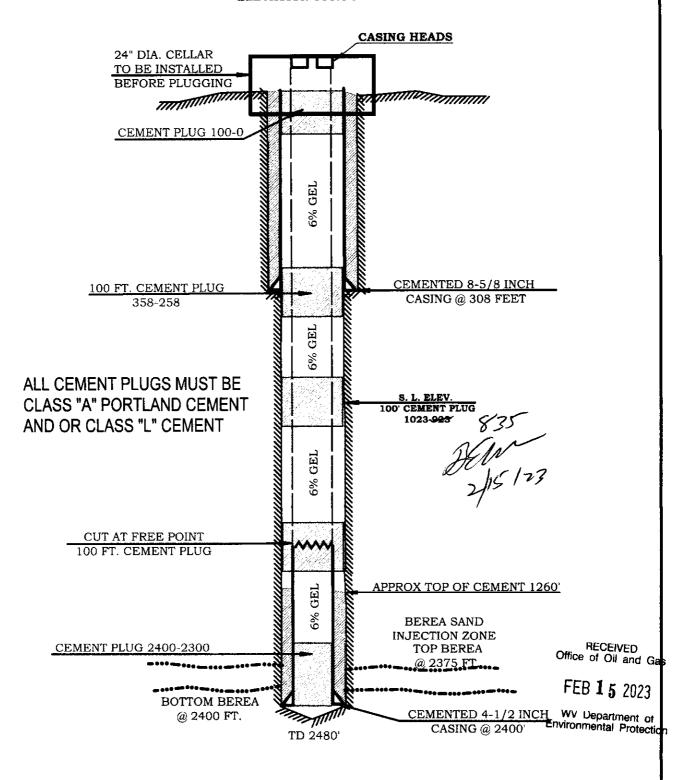
• Indicates Electric Log tops in the remarks section

PROVED LAW 2 VIL L'ARRIVA L'ELL

(over)

WELL SCHEMATIC

47-043-01749 OP # I-12 DUVAL DISTRICT LINCOLN COUNTY WV ELEVATION 885.6 Ft.



NO COAL OR FRESHWATER REPORTED ON WELL RECORD

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- 60	-	-		-	-		d	-	•

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

Address	23 South Main Street	Address	
	Hanover, NH 03755		
(b) Name		(b) Coal O	wner(s) with Declaration
Address		Name	N/A
		Address	
(c) Name		Name	
Address		Address	
Inspector	Brian Warden	(c) Coal Le	essee with Declaration
Address	49 Elk Creek Road	Name	N/A
	Delbarton, WV 25670	Address	
Telephone	(304205-3229		

- (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.

OFFICIAL SEAL By: NOTARY PUBLIC STATE OF WEST VIRGINIA RENAE DAWN WHITLOCK 601 57th Street, SE, Charleston, WY 25304 Address	Unknown DEP Plugging Contract On 57th Street SE	
My Commission Expires April 06, 2027	Charleston, WV 25304	
Telephone		Office of Oil and Gas
Subscribed and sworn before me this 15th	day of Lebruary 2003	FEB 1 5 2023
My Commission Expires	Notary Public	WV Department of Environmental Protection

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.

4704301749

Please contact the OOG at 304-926-0450 if you have any questions regarding this notice.

Date Issued:_	1/30/23	_ Date Served:_	1/30/23	
Name of perso	on servedLy	me Mountaineer T	imberlands	II LP
Service Addres	ss;23 South	Main Street, Hand	over NH 037	255
Certified Mail	Receipt No. (if applicable) 7020	1810 0000 905	5 9241 / 9590 9402 7673 2122 9993 75
Name of Perso	on Making Per	sonal Service (if ag	oplicable)	

	U.S. Postal Service" CERTIFIED MAIL® RECE	IPT	\$8.76	\$8.76	\$8.70		(20SP5) Messeget v alse or call	
55 9241	Pormestic Mail Only For delivery information, visit our website at Hangver AB 13755 Certified Mail Fee	www.usps.com . USE 0427	2122 9993			XXXXXXX7510 96 85 85 14 iase \$8 76	net to 2877/ ds. Standard P pply: You may pply: You may pply: Tracklod o	Trans.
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	Street and bit. Mr. Mr. A. St. City State. 219-4 N. H. O.3 755 PS Form 3800, April 2015 PSN 7530-02-000-9047	See Reverse for instruction		0	15	ă		Bushiphenadahar Jisa

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Office of Oil and Gas

FEB 1 5 2023

WV Department of Environmental Protection

API No. 4 7	0 4 3 0 1 / 4 9
Farm Name	Guyan Oil Co. Gordon Mason
Well No.	I-12

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 wo	/ owner/ lessee/ of the coal under this well location ork order. The undersigned has no objection to the work proposed to be ll operator has complied with all applicable requirements of the West ions.
Date:January 23, 2023	No coal owner, operator and or lease
	Ву:
	Its
	RECEIVED Office of Oil and Gas

WV Department of Environmental Protection

FEB 1 5 2023



west virginia departm	ent of environm	renta	l protec	ilor
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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)	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.
- 2. 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.

47.0 4 3 0 1 7 4 9

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

API Number 47 -	Ω.43	5 0.1.7	4	9
API Number 47"	043	01749		•
Operator's Well No.	J-1	2		

03/03/2023

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

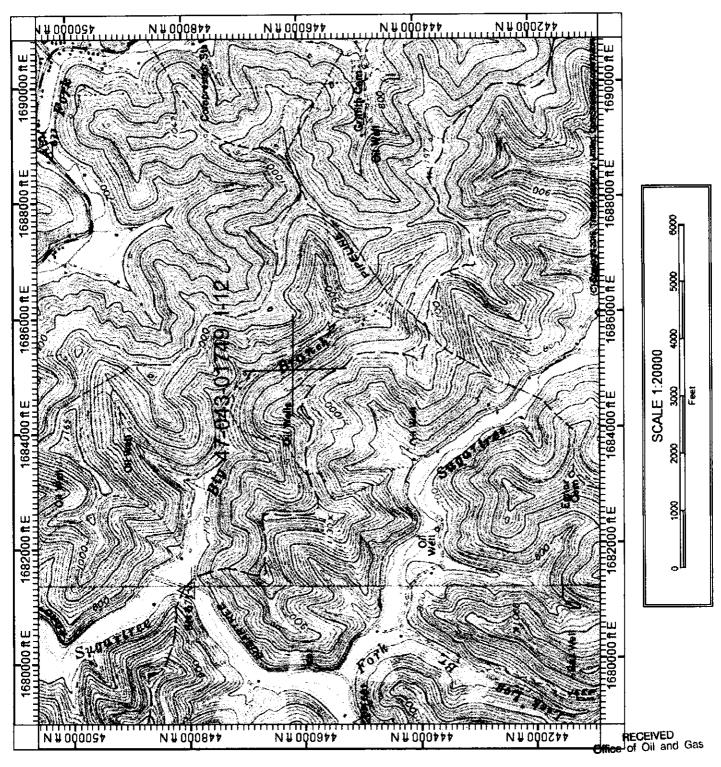
Operator Name	Unknown DEP Paid Plugging	(OP Code	
Watershed (HUC 10	Big Branch of Sugartree Fork	Quadrangle	Griffithsville	
Do you anticipate us	sing more than 5,000 bbls of water to comp	lete the proposed well	work? Yes No	X
Will a pit be used?	Yes No X			
If so, pleas	e describe anticipated pit waste: Plugging	fluids, salt water, oil ge	el, cement flowback to tanks	
	thetic liner be used in the pit? Yes			
Proposed I	Disposal Method For Treated Pit Wastes:			
	Land Application (if selected provid			
_	XX Underground Injection (UIC Permit			
_	Reuse (at API Number Off Site Disposal (Supply form WV)
Will closed loop sy	stembe used? If so, describe:			
Drilling medium an	ticipated for this well (vertical and horizont	tal)? Air, freshwater, o	oil based, etc.	
-If oil base	d, what type? Synthetic, petroleum, etc			
Additives to be used	d in drilling medium?			
Drill cuttings dispo	salmethod? Leave in pit, landfill, removed	offsite, etc		
-If left in p	it and plan to solidify what medium will be	used? (cement, lime,	sawdust)	
-Landfill o	r offsite name/permit number?			
	ride written notice to the Office of Oil and O waste facility. The notice shall be provided by disposed.			
on April 1, 2016, by provisions of the pe or regulation can lea I certify u application form an the information, I by	at I understand and agree to the terms and y the Office of Oil and Gas of the West Virmit are enforceable by law. Violations of ad to enforcement action. Inder penalty of law that I have personally dall attachments thereto and that, based on believe that the information is true, accura formation, including the possibility of fine o	rginia Department of Is any term or condition of y examined and am fa my inquiry of those in te, and complete. I am	Environmental Protection. In of the general permit and/or amiliar with the information dividuals immediately response.	understand that the other applicable law n submitted on this onsible for o btaining
Company Official S	signature from Horn	on	OFFICIAL	
Company Official (Typed Name		NOTARY P STATE OF WES RENAE DAWN	TVIRGINIA Z
Company Official T	"itle	W	601 57th Street, SE, Ch My Commission Expli	arleston, WV 25304 res April 06, 2027
	A\ A		0.0	Office of Oil and Gas
Subscribed and swo	1000	thray	, 20 23	FEB 1 5 2023
My commission ext	0 - 0		Notary Public	WV Department of Environmental Protection

47 0 4 3 0 1 7 4 9
Operator's Well No.

ed Revegetation Treatm	ent: Acres Disturbed _	0.5 acres	Preveg etation pH	unknown
Lime 2	Tons/acre or to corr	ect to pH+	-6.0	
Fertilizer type	10-10-10			
Fertilizer amount	500	lbs/acre		
Mulch	2	Tons/acre		
		Seed Mixtures		
Tem	porary		Permanent	t
Seed Type	lbs/acre		Seed Type	lbs/acre
N/A			Contractors Mix	25
			Ky. 31 Tall Fescue	25
			Ladino Clover	5
s) of road, location, pit and area in acres, of the opied section of involve	t will be land applied, pe land application area.	provide water volum	ss engineered plans including e, include dimensions (L, W,	this info have been D) of the pit, and din
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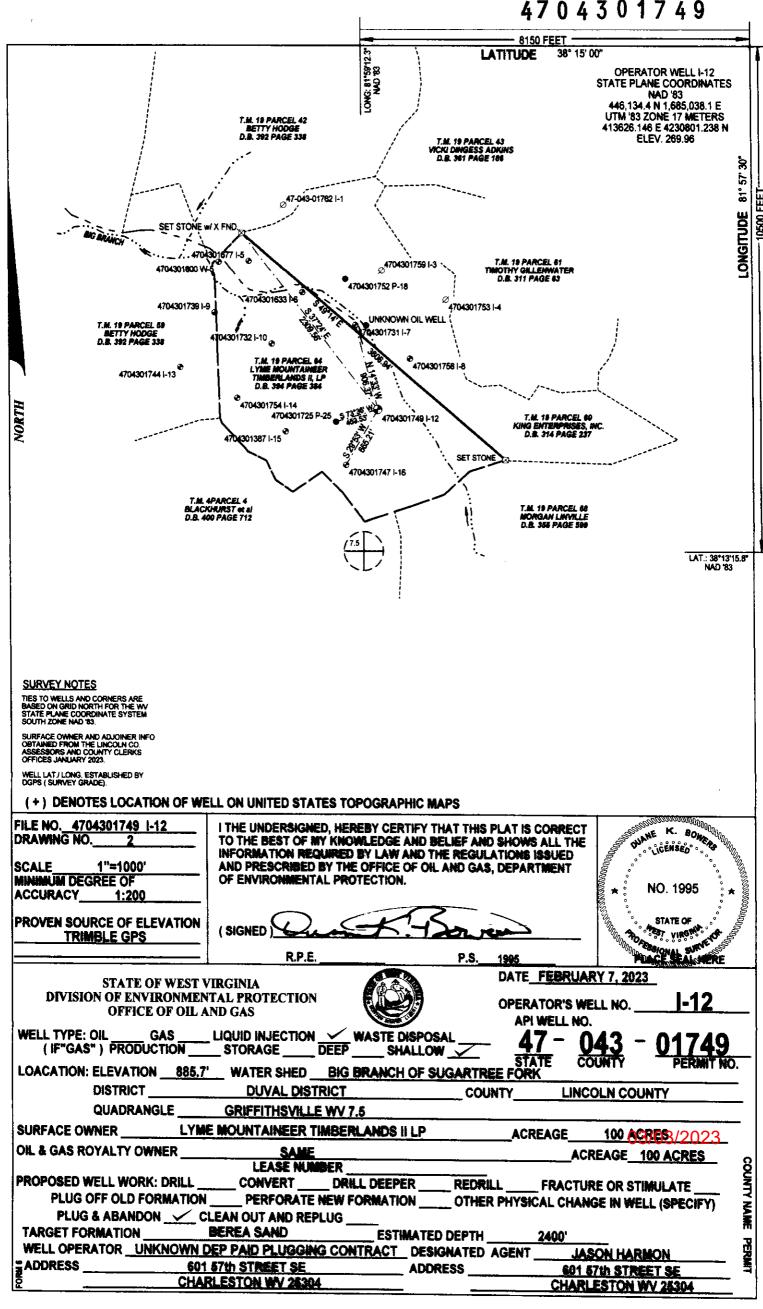
FEB 15 2023

wv Department of Environmental Protection 03/03/2023



FEB 15 2023

WV Department of Environmental Protection



SURFACE OWNER WAIVER

4704301749

Operator's Well Number

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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 RECEIVED grounds: Office of Oil and Gas

- 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;

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WV Department of 5) The applicant has committed a substantial violation of a previous permit or a substantial reference 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 a permit being issued on those	•	planned work	described in these materials, and I have no
FOR EXECUTION BY A NATURAL PERETC.			FOR EXECUTION BY A CORPORATION,
	Date	Name	
Signature		By _	·
		Its _	Date

Signature



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

plugging permits issued 4704301744 04301749

1 message

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

Mon, Feb 27, 2023 at 11:14 AM

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

To whom it may concern, plugging permits have been issued for 4704301744 04301749.

James Kennedy

WVDEP OOG

4 attachments

