

#### 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-13 47-043-01744-00-00

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: KING, JOHN

U.S. WELL NUMBER: 47-043-01744-00-00

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. 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.

1) Date 47 Q3,	4 3 0 <sub>,</sub> 1 <u>, 7, 4</u> 4
2) Operator's	
Well No.	I-13
3) API Well No.	47- <b>043</b> - <b>01744</b>

## 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	erground storage) Deep/ Shallow_XX
51 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Make a calle of Bir Brook of Considera Fords
5) Location: Elevation 963.7 FT.	
District <u>Duval</u>	County Lincoln Quadrangle Griffithsville WV
C) Wall Openston () DEPO (C)	7) Designated Agent
6) Well Operator <u>Unknown DEP Paid Plugging</u> Address 501 57th Street SE	7) Designated Agent <u>Jason Harmon</u> Address 601 57th Street SE
Charleston, WV 25304	Charleston, WV 25304
Onanoson, WV 20004	Chaneston, WV 25304
8) Oil and Gas Inspector to be notified	9)Plugging Contractor
Name Brian Warden	
Address 49 Elk Creek Road	Address 934 Little Coal River Road
Debarton, WV 25670	Alum Creek, WV 25003
<ul> <li>d. Check reported TD at approximately 2515 ft. If estimated de. RTIH to estimated TD or 2515 ft. (or new approved depth), 2515-2392 WOC pull tubing to safe elevation above cemer f. RTIH and tag plug, add cement as needed to plug top, PTG. RIH cutter and find free point of 4-1/2 casing, cut, rip and Ph. RTIH tubing to 50 feet below cut, set 100 ft. cement plug at i. RTIH and tag plug, add cement as needed to plug top, pull tubing to safe elevation above cement plug, RIH and tag plj. PTOH to surface pull remaining 4-1/2 casing to surface k. Rig up to pull on 9-5/8 inch casing, attempt to POC, Well RI. RTIH 382 feet cement plug 382-282 tag plug, add cement a plug from 100 ft to surface, top off as needed m. Rig down, set monument with well tag showing API No. ar</li> <li>RTIH = run tubing in hole PTOH = pull tubing out of hole WOG</li> </ul>	spot 6% gel and pump cement plug from approximately nt plug OH to surface POC to 500 ft. Estimated TOC at 1350 ft. cross cut. WOC pull tubing to safe elevation above cement plug tubing to elevation plug set cement plug 1136-1036 WOC pull lug, add cement as needed to plug top  tecord indicates cemented to surface as needed to plug top, pull tubing to 100 ft. set top hole and Date, reclaim all disturbed areas.  Office of Oil and
All cement plugs must be CLASS "A" PORTLAND CEMENT	and or CLASS"L" CEMENT
	and or CLASS"L" CEMENT  WV Benatment of Environmental Protection
work can commence.	l and gas inspector 24 hours before permitted
Work order approved by inspector	Men Date 2/15/23

#### **Proposed Work Plan**

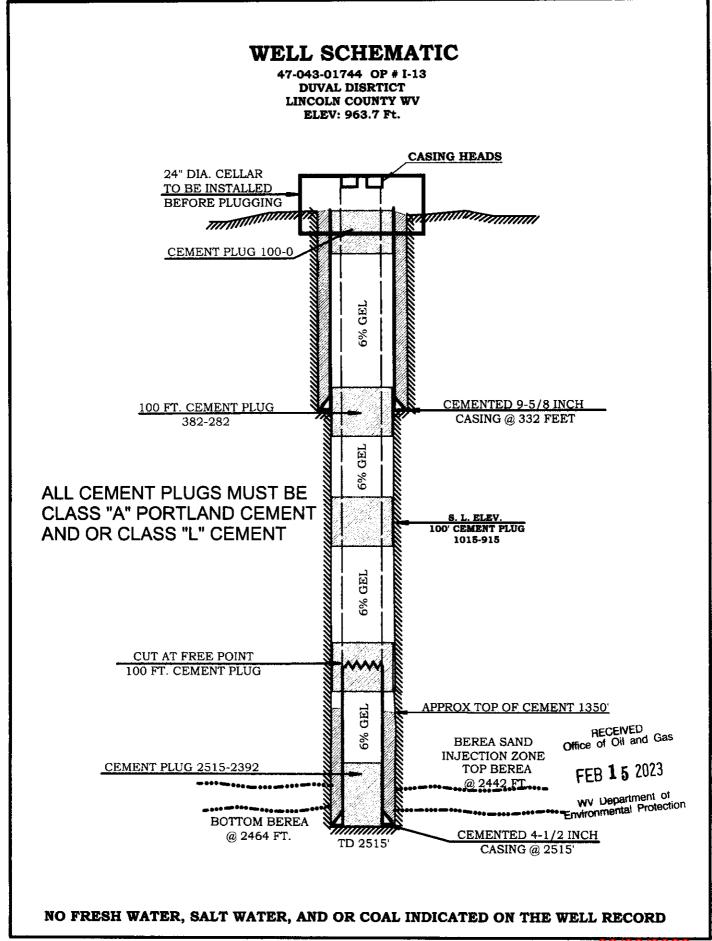
#### 47-043-01744

- 1. Notify the state Inspector within 24 hours of plugging commencement.
- 2. Run down and check TD at approximately 2515'.
- 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 2515' to 2392' then tag plug.
- 7. Set 100' cement plug at free point cut then tag plug.
- 8. Set cement plug from 1015' to 915' then tag plug.
- 9. Set cement plug from 382' to 282' then tag plug.
- 10. Set cement plug from 100' to surface.
- 11. Rig down, set monument, then move to the next well location.

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Office of Oil and Occ

FEB 1 5 2023

WV Deparation (c) Environmental Protection



Caliper

Dual Induction-Later log

Indicates Liectric Log tops in the remarks section.

WW-4A Revised 6-07 1) Date: January 23, 2023
2) Operator's Well Number I-13

3) API Well No.: 47 -

043 - 01744

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

4)	(a) Name	ner(s) to be served: Betty Hodge	5) (a) Coal Operator Name	N/A
	Address	101 Bridgeview	Address	
		Charleston, WV 25309		
	(b) Name		(b) Coal Own	ner(s) with Declaration
	Address		Name	N/A
			Address	
	(c) Name		Name	,
	Address		Address	
6)	Inspector	Brian Warden	(c) Coal Less	see with Declaration
	Address	49 Elk Creek Road	Name	N/A
		Delbarton, WV 25670	Address	
	Telephone	304-205-3229		
		RSONS NAMED ABO	OVE: You should have recei	ived this Form and the following documents:

(2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operato OFFICIAL SEAL Its NOTARY PUBLIC STATE OF WEST VIRGINIA Address	60/57th Street SE
RENAE DAWN WHITLOCK 801 57th Street, SE, Charleston, Wy 25304	Charleston, WV 25304
My Commission Expires April 08, 202Tellephone	RECEIVED

Office of Oil and Gas

Notary Public FEB 1 5 2023

WV Department of Environmental Protection

Oil and Gas Privacy Notice

My Commission Expires

Subscribed and

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 <a href="mailto:depprivacyoffier@wv.gov">depprivacyoffier@wv.gov</a>.

### SURFACE OWNER WAIVER

4704301744

Operator's Well Number

-	-	
_1	```	
- 1	0	

## 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, Good should request a copy from the Chief. FEB 1 5 2023

## VOLUNTARY STATEMENT OF NO OBJECTION

VOLUNTARY STATEMENT OF NO OBJECTION

WV Department of the instructions to surface owners and that I have received implications and the state of the instructions to surface owners and the state of the instructions to surface owners and the state of the instructions to surface owners and the state of the instructions of the instruction of the instructions of the instruction of the and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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

FOR EXECUTION BY A NATURAL PERSON ETC

Touts	L. 4/2
	Signature

Date 2	14	22
7	/	

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Name
By

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Its	



west viralnia	department	of	environmenta	i pro	tect	Ю
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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.

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

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API Number	47	043	2.	01/44			
Operator's W	ell No.		1-1	3			

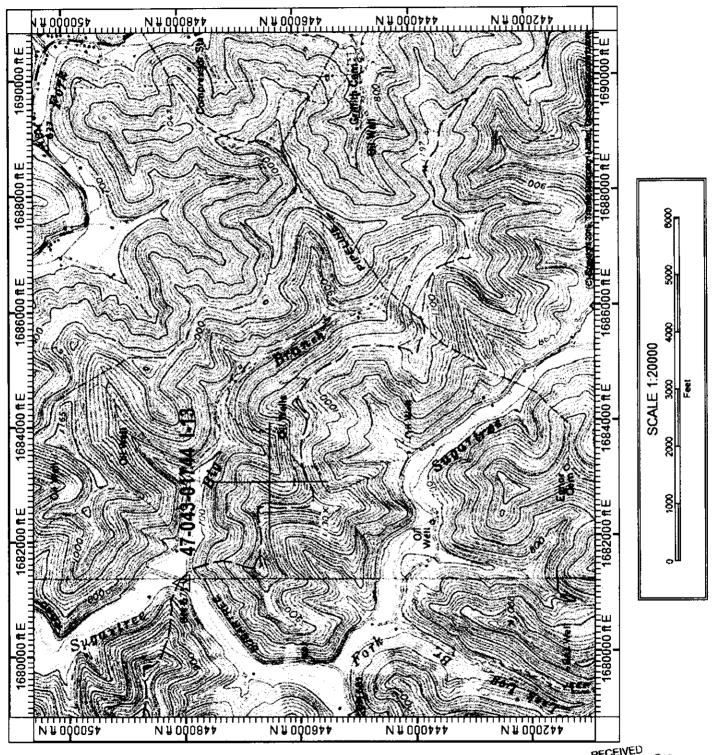
# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

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 X
Will a pit be used? Yes No X
If so, please describe anticipated pit waste: Plugging fluids, potentially oil, salt water, gel and cement, will be 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)  XX 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 is sued 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  Company Official Signature  Company Official Title  RECEIVED  Office of Oil and Gas
Subscribed and sworn before me this 15th day of the land you got the state of the s
Notary Public WV Department of Environmental Protection
My commission expires (1500)

		•	_		
Operator's	Wel	l No		I-13	

d Kevegetation Treat	ment: Acres Disturbed	0.5 acres	Preveg etation pH	unknown
	Tons/acre or to cor		-6.0	
Fertilizer type				
Fertilizer amount_	500	lbs/acre		
Mulch	2	Tons/acre		
		Seed Mixtures	Ĺ	
Te	emporary		Permanent	i
Seed Type	lbs/acre		Seed Type	lbs/acre
N/	'A		Contractors Mix	25
<u> </u>			Ky. 31 Tall Fescue	25
			Ladino Clover	5
) of road, location, p d). If water from the and area in acres, of	it and proposed area for pit will be land applied, f the land application are	provide water volun a.	ess engineered plans including ne, include dimensions (L, W,	this info have been D) of the pit, and dir
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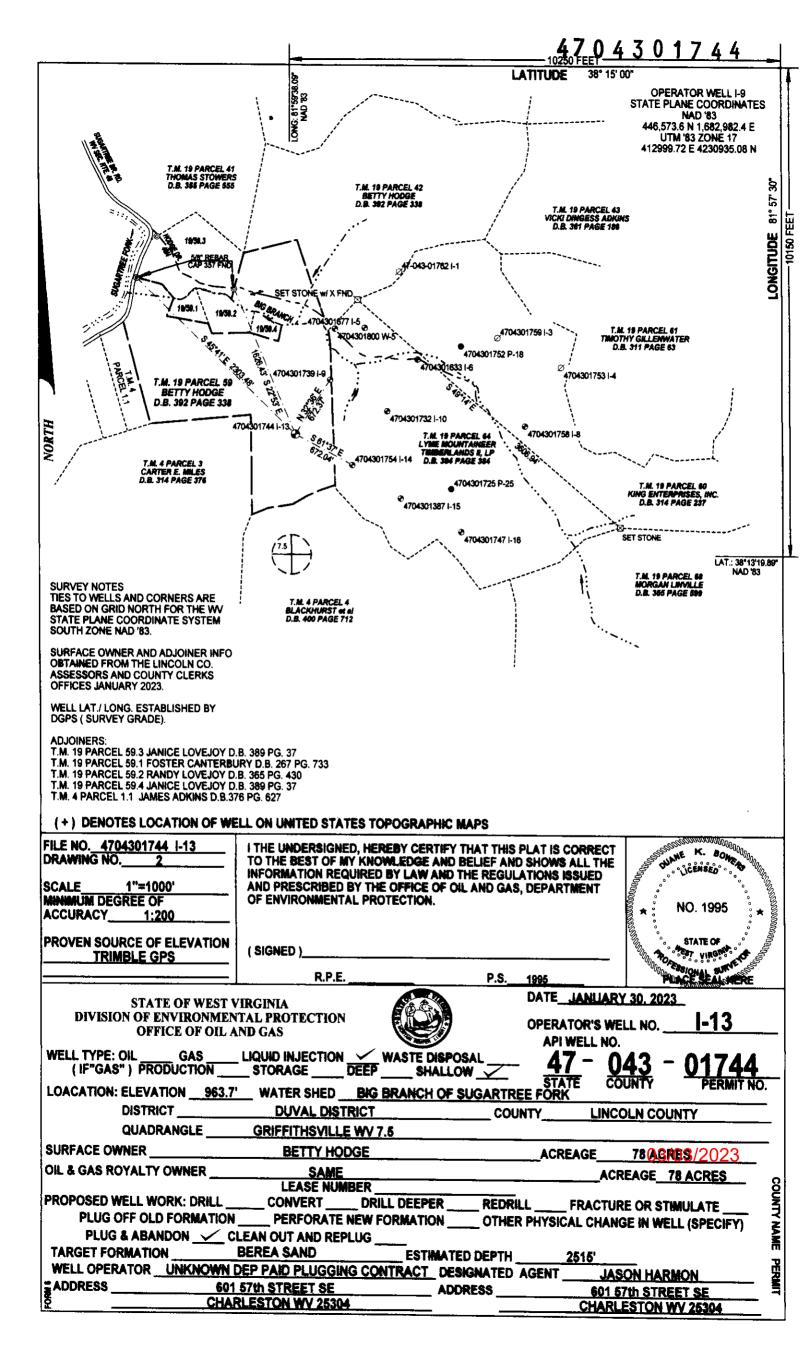


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WV Department of Environmental Protection

03/03/2023



4704301744

API No.	47-043-01744		
Farm Name	Guyan Oil Co. John King		
Well No.	I-13		

## 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 work order.	wner/ lessee/ of the coal under this well location. The undersigned has no objection to the work proposed to be or has complied with all applicable requirements of the West
Date:January 23, 2023	No coal owner, operator and or lease
	By:
	Its

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Office of Oil and Gas

FEB 15 2023

wv Department of Environmental Protection



#### 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 <a href="mailto:henry.j.harmon@wv.gov">henry.j.harmon@wv.gov</a>, Brian Warden <a href="mailto:henry.j.harmon@wv.gov">brian Warden <a href="mailto:henry.j.harmon@wv.gov">henry.j.harmon@wv.gov</a>, Brian Warden <a href="mailto:henry.j.harmon@wv.gov">henry.j.harmon@wv.gov</a>), Brian Warden <a href="mailto:henry.j.harmon@wv.gov">henry.j.harmon@wv.gov</a> operations.wpsenvr@outlook.com

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

James Kennedy

WVDEP OOG

#### 4 attachments

