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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, July 24, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 8  
47-015-00670-00-00

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: OTTO LEASE  
U.S. WELL NUMBER: 47-015-00670-00-00  
Vertical Plugging  
Date Issued: 7/24/2023

# 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

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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 June 16, 2023  
2) Operator's  
Well No. Bado Otto No. 8  
3) API Well No. 47-015 - 00570

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 X / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 679' Watershed Elk River  
District Pleasant County Clay Quadrangle Elkhurst 7.5'

6) Well Operator Unknown- WV DEP Paid Plugging Contract 7) Designated Agent Jason Harmon  
Address 601 57th Street, SE Address 601 57th Street, SE  
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified Name Jeremy James 9) Plugging Contractor Name Next LVL Energy  
Address P.O. Box 36 Address 104 Heliport Loop  
Clendenin, WV 25045 Bridgeport, WV 26330

10) Work Order: The work order for the manner of plugging this well is as follows:  
**See attached Work Procedure**

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JUN 30 2023  
WV Department of  
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector  Date 6-27-23

07/28/2023

N

NE

E

0

30

60

90

120

☉ 52°NE (T) LAT: 38.460856 LON: -81.193400 ±13ft ▲ 668ft



#9398

47-015-0670

10 Apr 2023 07:59:16.02



## Plugging Prognosis

API #: 4701500670  
West Virginia, Clay Co.

### Casing Schedule:

13" @ 52' (no cement info)  
4-1/2" @ 1559' (cement to Surface w/ 171 sks)  
TD @ 1559'

Completion: Injun Formation 1531'-1539'

Fresh Water: 75'  
Salt Water: 210'  
Gas Shows: None listed  
Oil Shows: None listed  
Coal: None listed  
Elevation: 679'

1. Notify Inspector Jeremy James @ 304-951-2596, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Pull tbg and lay down.
4. Check TD w/ wireline.
5. Run in to depth @ 1539'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 108' C1A/Class L cement plug from 1539' to 1431' (Completion Zone Plug). Tag TOC. Top off as needed. *confirm 4 1/2 is cemented w/ bond log. remove csg or perforate as needed.*
6. TOOH w/ tbg to 1431'. Pump 6% bentonite gel from 1431' to 729'.
7. TOOH w/ tbg to 729'. Pump 100' C1A/Class L cement plug from 729' to 629' (elevation plug).
8. TOOH w/ tbg to 629'. Pump 6% bentonite gel from 629' to 260'.
9. TOOH w/ tbg to 260'. Pump 260' Class A/Class L Cement plug from 260' to surface (Saltwater, Freshwater, 13" csg shoe, and surface plug).
10. Erect monument with API#.
11. Reclaim location and road to WV-DEP specifications.

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JUN 30 2023

WV Department of  
Environmental Protection



07/28/2023

WW-4A  
Revised 6-07

1) Date: June 16, 2023  
2) Operator's Well Number  
Bodo Otto No. 8

3) API Well No.: 47 - 015 - 00670

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

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name: Gary A. King	Name: N/A
Address: P.O. Box 370 Clay, WV 25043	Address: _____
(b) Name: Linda Walker Graham, et al	<b>(b) Coal Owner(s) with Declaration</b>
Address: 3435 Pebble Dr. Monroe, NC 28110	Name: No Declarations found
(c) Name: _____	Address: _____
Address: _____	Name: _____
_____	Address: _____
<b>6) Inspector</b> Jeremy James	<b>(c) Coal Lessee with Declaration</b>
Address: P.O. Box 36	Name: No Declarations found
Clendenin, WV 25045	Address: _____
Telephone: 304-951-2596	_____

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Office of Oil and Gas

JUN 30 2023

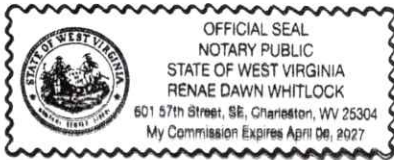
WV Department of Environmental Protection

**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in 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.



Well Operator: Unknown - WVDEP Paid Plugging Contract

By: Jason Harmon

Its: WV Office of Oil & Gas Deputy Chief

Address: 601 57th Street, SE  
Charleston, WV 25304

Telephone: 304-926-0452

Subscribed and sworn before me this 30th day of June 2023

Renae Dawn Whitlock Notary Public

My Commission Expires April 6, 2027

**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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

07/28/2023



info@slswv.com  
www.slswv.com

June 19, 2023

Linda Walker Graham, et al  
3435 Pebble Dr.  
Monroe, NC 28110

Mrs. Graham,

Please find enclosed a Permit Application to plug and abandon a Well for API# 47-015-00670, in Union District, Clay County, WV which records in the County Courthouse indicate that you are a surface owner. Through the West Virginia DEP Paid Plugging Contract, orphaned and abandoned wells have been proposed to be plugged. I have included an extra Surface owner signature form highlighted in yellow for you to sign if you approve of the proposed work, please sign and send it back to SLS Land & Energy Development in the self-addressed envelope provided for you. The Permit Application is yours to keep for your records. If you have any questions, please do not hesitate to contact me.

Jim Mencer  
SLS Land & Development  
Permitting Tech.  
304-462-5634

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Office of Oil and Gas  
JUN 30 2023  
WV Department of  
Environmental Protection

12 Vanhorn Drive, Glenville, WV 26351  
1412 Kanawha Boulevard East, Charleston, WV 25301  
254 East Beckley Bypass, Beckley, WV 25801  
**304-462-5634**

07/28/2023







info@sww.com  
www.sww.com

June 19, 2023

Gary A. King  
P.O. Box 370  
Clay, WV 25043

Mr. King,

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1412 Kanawha Boulevard East, Charleston, WV 25301  
254 East Beckley Bypass, Beckley, WV 25801  
304-462-5634

07/28/2023





info@sismw.com  
www.sismw.com

April 3, 2023

Gary A. King  
P.O. Box 370  
Clay, WV 25043

Mr. King,

Please find enclosed a Notice of Intent to Plug / Replug Abandoned Wells Form for API #47-015-00670 in Union Dist., Clay County, WV, Map 10A Parcel 4, which records from the Clay County Courthouse indicate that you are a surface owner.

The well listed above is proposed to be plugged through the West Virginia DEP Paid Plugging Contract, orphaned and abandoned wells program. SLS Land & Energy Development has been contracted to obtain a plugging permit for this well. If you have a water well that you may want to have tested prior to the well plugging, please contact us.

If you have any other questions please do not hesitate to contact me.

Jim Mencer  
SLS Land & Development  
Permitting Tech.  
304-462-5634

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Office of Oil and Gas

JUN 30 2023

WV Department of  
Environmental Protection

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1412 Kanawha Boulevard East, Charleston, WV 25301  
254 East Beckley Bypass, Beckley, WV 25801  
**304-462-5634**

07/28/2023



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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304  
(304) 926-0450  
Fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
dep.wv.gov

**NOTICE OF INTENT  
TO PLUG / REPLUG  
ABANDONED WELL(S)**

Gary A. King  
P.O. Box 370  
Clay, WV 25043

RECEIVED  
Office of Oil and Gas  
JUN 30 2023  
WV Department of  
Environmental Protection

You are hereby given a twenty-day notice, as required by West Virginia Code, Chapter 22, Article 10, Section 7, that the West Virginia Department of Environmental Protection, Office of Oil and Gas (OOG), intends to enter upon the following described premises where an abandoned well(s) is situated and plug or re-plug such well(s) and reclaim any area disturbed by the plugging or re-plugging. This notice should be construed only as a declared intent to plug such well(s); site-specific considerations or other factors may ultimately prevent the plugging or re-plugging at this time.

Description of premises: Union Dist., Clay County WV, Map 10A Parcel 4  
Lot 30, Well API# 47-015-00670

The well(s) is considered “abandoned” within the meaning of W. Va. Code § 22-6-19 because it is a dry hole or because it has not been in use for a period of 12 consecutive months and no satisfactory proof of a “bona fide” future use for the well has been demonstrated to the OOG.

If you are a surface owner of the above described premises, be advised that surface owners have the right to repair of any damage or disturbance resulting from the well plugging or to compensation for (1) the reasonable cost of repairing or replacing any water well, (2) the reasonable value of any crops destroyed, damaged or prevented from reaching market, (3) the reasonable cost of repair to personal property up to the value of the replacement value of personal property of like age, wear and quality, (4) lost income or expenses incurred, and (5) reasonable costs to reclaim or repair real property, including roads. Additionally, the surface owners have the potential right to take any casing, equipment or other salvage not claimed in this notice. Please be advised that it is the intent of the OOG to take all casing, equipment, and other salvage from the subject well(s).



PO Box 150  
GLENNVILLE, WV 26351



7022 2420 0003 5359 3868

FIRST-CLASS



ZIP 26351  
02 7H  
0001267858 APP 03 2023

\$ 008.10<sup>00</sup>

MR. GARY A. KING  
P.O. BOX 370  
CLAY, WV 25043

U.S. Postal Service  
Certified Mail<sup>®</sup>

*Domestic First-Class*

For delivery information, visit our website at [usps.com](http://usps.com).

**OFFICIAL USE**

Certified Mail Fee	\$ 4.15
Extra Services & Fees (check box, add fee as appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 3.15
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$ 6.00
<b>Total Postage and Fees</b>	<b>\$ 8.10</b>

Sent to Mr. Gary A. King  
Street and Apt. No., or PO-Box No. P.O. Box 370  
City, State, ZIP+4<sup>®</sup> Clay, WV 25043

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9017 See Reverse for Instructions

8986 6565 6000 0742 2202

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JUN 30 2023

WV Department of  
Environmental Protection

07/28/2023



info@slsww.com  
www.slsww.com

April 3, 2023

Linda Walker Graham, et al  
3435 Pebble Dr.  
Monroe, NC 28110

Mrs. Graham,

RECEIVED  
Office of Oil and Gas  
JUN 30 2023  
WV Department of  
Environmental Protection

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If you have any other questions please do not hesitate to contact me.

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SLS Land & Development  
Permitting Tech.  
304-462-5634

12 Vanhorn Drive, Glenville, WV 26351  
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**304-462-5634**

07/28/2023



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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304  
(304) 926-0450  
Fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
dep.wv.gov

**NOTICE OF INTENT  
TO PLUG / REPLUG  
ABANDONED WELL(S)**

RECEIVED  
Office of Oil and Gas

JUN 30 2023

WV Department of  
Environmental Protection

Linda Walker Graham, et al  
3435 Pebble Dr.  
Monroe, NC 28110

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PO Box 150  
GLENVILLE, WV 26351



7022 2410 0003 5359 3875

FRST-CLASS

LINDA WALKER GRAHAM, ET AL  
3435 PEBBLE DR.  
MONROE, NO 28110

US POSTAGE PITNEY BOWES  
ZIP 26351 \$ 008.10<sup>0</sup>  
02 7H  
0001267858 APR 03 2023



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JUN 30 2023  
WV Department of  
Environmental Protection

U.S. POSTAGE OFFICIAL USE For delivery information, see our website at <a href="http://www.usps.com">www.usps.com</a>		Postmark Here
Certified Mail Fee	\$ 4.15	
Extra Services & Fees (check box, and fee as appropriate)		
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 3.35	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	
Postage	\$ .60	
<b>Total Postage and Fees</b>	<b>\$ 8.10</b>	
Sent To	Linda Walker Graham, et al	
Street and Apt. No., or PO Box No.	3435 Pebble Dr.	
City, State, ZIP+4®	Monroe, NC 28110	
PS Form 3800, April 2015 PSN 7530-01-000-9001 See Reverse for Instructions		

7022 2410 0003 5359 3875

07/28/2023



west virginia department of environmental protection

Office of Oil and Gas  
601 57<sup>th</sup> 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 )  
OF OIL AND GAS WELLS )**

**ORDER NO. 2022-13**

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Office of Oil and Gas  
JUN 30 2023  
WV Department of  
Environmental Protection

**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.

Promoting a healthy environment.

07/28/2023

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 monogrammed 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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WV Department of  
Environmental Protection

07/28/2023

WW-9  
(5/16)

API Number 47- 015 - 00670  
Operator's Well No. Bodo Otto No. 8

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Unknown - WV DEP Paid Plugging Contract OP Code \_\_\_\_\_

Watershed (HUC 10) Elk River Quadrangle Elkhurst 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

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 #25-774 )
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Offsite

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

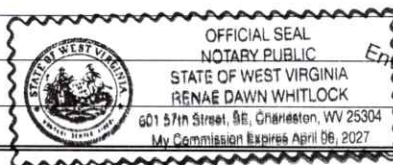
-Landfill or offsite name/permit number? N/A

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 Jason Harmon  
Company Official (Typed Name) Jason Harmon  
Company Official Title Deputy Chief



RECEIVED  
Office of Oil and Gas  
JUN 30 2023  
WV Department of Environmental Protection

Subscribed and sworn before me this 30th day of June, 2023  
Renae Dawn Whitlock Notary Public

My commission expires April 6, 2027

07/28/2023

Proposed Revegetation Treatment: Acres Disturbed Less than an acre Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 20-20-20

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Fescue	30
		Clover	3
		Contractor Mix	10

Attach:

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: \_\_\_\_\_

Comments: No pit will be used.

Title: inspector OOG

Date: 6-27-23

Field Reviewed?  Yes  No

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**WELL NO. 8  
47-015-00670**



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296

slsww.com

**PETROLEUM 7.5' USGS QUAD**

**SCALE: 1"=2000'**

0'      2000'      4000'



<b>DRAWN BY</b> GF	<b>FILE NO.</b> 9398	<b>DATE</b> 6-02-23	<b>CADD FILE:</b> 9398-SURV-TOP0-R00- GF-060223.DWG
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**BODO OTTO LEASE**  
**480 ACRES**  
**WELL NO. 8**  
**47-015-00670**

NAD'83 GEO. LAT-(N) 38.460884 LONG-(W) 81.193388  
NAD'83 UTM (M) N. 4,256,971 E. 483,128

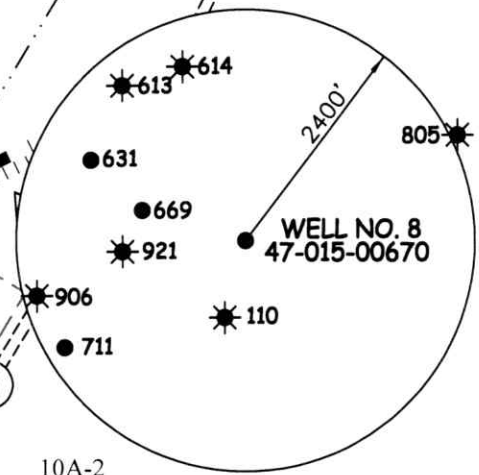
LATITUDE 38°30'00"

LONGITUDE 81°10'00"

NAD'83 GRID NORTH

14,245'

ELK RIVER



10A-3  
J & W LEASING CORP.  
0.27 AC.

10A-2  
J & W LEASING CORP.  
0.25 AC.

N 09°37'50" W  
166.75'

N 40°54'30" E  
119.88'

10A-4  
GARY A. KING &  
LINDA W. GRAHAM, ETAL  
0.59 AC.

10-43  
GARY A. KING &  
LINDA W. GRAHAM, ETAL  
468.74 AC.

**WELL NO. 8**  
**47-015-00670**

10A-5  
BOYCE KELLY, ETAL  
0.3 AC.

10A-6  
BOYCE KELLY, ETAL  
0.33 AC.

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**LEGEND**

- LEASE LINE
- SURFACE LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- DISTRICT-TAXMAP-PARCEL 00-00-00

**NOTES ON SURVEY**

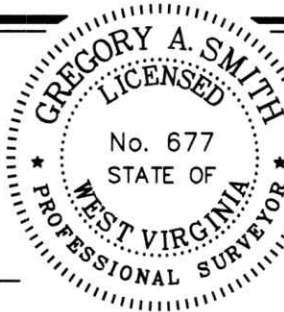
1. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.



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slswv.com

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE JUNE 08, 20 23

REVISED, 20

OPERATORS WELL NO. 8

API WELL NO. 47 - 015 - 00670-P

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 9398-SURV-4701500670-JM-R00-230508.dwg

HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SUBMETER MAPPING GRADE TIE TO CORS NETWORK) SCALE 1" = 155'

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



WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 679' WATERSHED ELK RIVER DISTRICT UNION COUNTY CLAY QUADRANGLE ELKHURST 7.5'

SURFACE OWNER GARY A. KING & LINDA W. GRAHAM, ETAL ACREAGE 0.6± ROYALTY OWNER MARK KING HEIRS ACREAGE 480±

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER  PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION BIG INJUN ESTIMATED DEPTH 1582'

WELL OPERATOR UNKNOWN WVDEP PAID PLUGGING CONTRACT DESIGNATED AGENT JASON HARMON, WVDEP ADDRESS 601 57TH STREET CHARLESTON, WV 25304 (WVDEP) ADDRESS 601 57TH STREET CHARLESTON, WV 25304

COUNTY NAME PERMIT

# BODO OTTO LEASE WELL NO. 8 47-015-00670



70 FEET± @  
0-5% GRADE

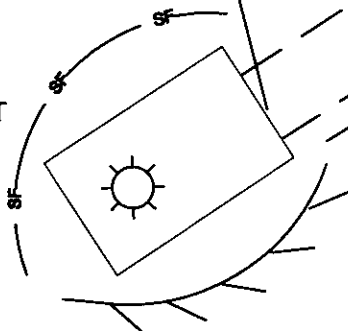
25 FEET± @  
10-15% GRADE

1.27 MILES±  
TO CO. RT. 13/2  
OHU



WOODS

SEDIMENT  
BARRIER



WOODS

**WELL NO. 8**  
**API# 47-015-00670**

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

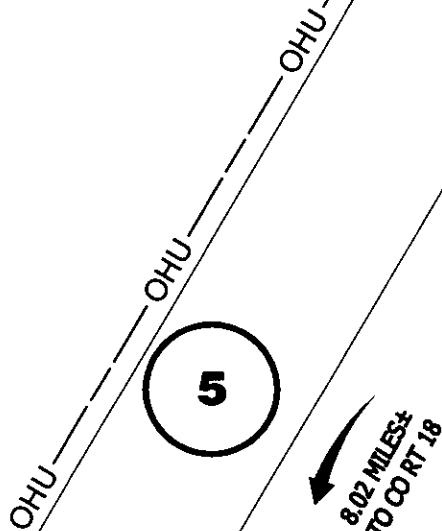
STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

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= EXISTING CULVERT

= PROPOSED CULVERT  
15' MIN. UNLESS  
OTHERWISE NOTED

= PROPOSED STREAM  
CROSSING

= APPROXIMATE LIMITS  
OF DISTURBANCE

**SCALE: 1"=20'**



12 Vanhorn Drive | P.O. Box 190 | Glenville, WV 26031 | 304.462.5654  
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DRAWN BY: GF FILE NO.: 9398 DATE: 6-2-23 CADD FILE: 9398-SURV-REC-000-GF-060223.DWG

07/28/2023



**SURFACE OWNER WAIVER**

API# 47-015-00670

Operator's Well  
Number

Bodo Otto No. 8

**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 57<sup>th</sup> 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 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 NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		_____ Date _____

Signature

Date **07/28/2023**

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WV Department of  
Environmental Protection

WW-4B

API No. 47-015-00670  
Farm Name Otto Lease  
Well No. Bodo Otto No. 8

**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 than 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**

The undersigned coal operator \_\_\_\_ / owner \_\_\_\_ / lessee \_\_\_\_ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_

By: \_\_\_\_\_

Its \_\_\_\_\_

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JUN 30 2023  
WV Department of  
Environmental Protection

07/28/2023



info@sllswv.com  
www.sllswv.com

June 27, 2023

Jason Harmon, Deputy Director  
WV Department of Environmental Protection  
Office of Oil & Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304-2345

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JUN 30 2023  
WV Department of  
Environmental Protection

Dear Mr. Harmon,

Please find enclosed a permit application to plug API# 47-015-00670 in Union District, Clay County. It is a part of the multi-well plugging contract for the Orphan and Abandoned Well Program for Region 6. The plugging contractor is Next Level Energy, operating under the Region 6 contract. The Inspector has signed off on the work to be performed and the surface owners has been mailed Plugging Permit Application. Mail receipts has been included for surface owner packages along with notice of intent form and mail receipts.

If you have any questions or comments please do not hesitate to contact me.

Jim Mencer  
Permitting Technician  
SLS Land & Energy Development  
304-462-5634

12 Vanhorn Drive, Glenville, WV 26351  
1412 Kanawha Boulevard East, Charleston, WV 25301  
254 East Beckley Bypass, Beckley, WV 25801  
**304-462-5634**

07/28/2023



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

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## plugging permit issued 4701500670

1 message

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

Mon, Jul 24, 2023 at 10:59 AM

To: Henry J Harmon <henry.j.harmon@wv.gov>, Jeremy E James <jeremy.e.james@wv.gov>, Chris Veazey <CVeazey@dgoc.com>, Austin Sutler <asutler@nextvlenergy.com>, tdavis@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4701500670.

James Kennedy

WVDEP OOG

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 **4701500670.pdf**  
3221K

07/28/2023