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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)

Thursday, March 16, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1  
47-073-00523-00-00

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: 1  
Farm Name: MCCULLOUGH, JOHN  
U.S. WELL NUMBER: 47-073-00523-00-00  
Vertical Plugging  
Date Issued: 3/16/2023

4707300523

## 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. 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.

03/17/2023

4707300523

WW-4B  
Rev. 2/01

1) Date January 31, 2023  
2) Operator's  
Well No. John McCullough No. 1  
3) API Well No. 47-073-00523

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 948' Watershed Tributary of South Fork of Rock Run  
District LaFayette County Pleasants Quadrangle Ellenboro 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 Isaiah Richards  
Address 114 Turkey Lick Road  
West Union, WV 26456  
9) Plugging Contractor Name Next LVL Energy  
Address 104 Heliport Loop  
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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Office of Oil and Gas

**FEB 13 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 02/09/2023

03/17/2023

## PLUGGING PROGNOSIS

West Virginia, Pleasants County  
API # 47-073-000523

**Casing Schedule**

6-5/8" csg @ 1455' (cemented info on report says "no")  
2" csg @ 1988' (2x7 Expansion Packer @ 1605')  
TD @ 1988'

**Completion:** 1760'-1770'

**Fresh Water:** 150'

**Saltwater:** None Reported

**Coal:** None Reported

**Oil Show:** None Reported

**Gas Show:** 1630'; 1720' (with water)

**Elevation:** 920'

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1. Notify inspector, Isaiah Richardson @ (304) 205-3032, 48 hrs. prior to commencing operations.
2. Check wellhead pressure and kill well as needed.
3. Release packer and pull 2" tbg.
4. Run in to depth @ 1770'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 240' Class A/Class L cement plug from **1770' to 1530' (Completion and Gas show plug)**. Tag TOC. Top off as needed. Tag to confirm TD *Ima* 02/09/2023
5. TOO H w/ tbg to 1530'. Pump 6% bentonite gel from 1530' to 1505'
6. Run CBL on 6-5/8" csg to identify TOC or Free point.
7. Free point 6-5/8" csg. Cut and TOO H. Set 100' Class A/Class L cement plug across csg cut. 50' in/out of cut. TOO H w/ tbg to top of plug. **Do not omit any plugs listed below. Perforate as needed.**
8. TOO H w/ tbg to 1505'. Pump 100' Class A/Class L Cement plug from 1505' to 1405' (6-5/8" csg shoe plug)
9. TOO H w/ tbg to 1405'. Pump 6% bentonite gel from 1405' to 970'
10. TOO H w/ tbg to 970'. Pump 100' Class A/Class L Cement plug from **970' to 870' (Elevation plug)**
11. TOO H w/ tbg to 870'. Pump 6% bentonite gel from 870' to 200'
12. TOO H w/ tbg to 100'. Pump 200' Class A/Class L Cement plug from **200' to surface (Fresh water and surface plug)**.
13. Erect monument with API#, date plugged, & company name.
14. Reclaim location and road to WV-DEP specifications.



02/09/2023

03/17/2023





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 13

4707300523

Permit No. PLEAS-523

**WELL RECORD**

Oil or Gas Well Gas

Company A.M. Cooper

Address 3107 Elm Street, Parkersburg, W. Va

Farm J.C. McCullough Acres 22.37

Location (waters) Rock Run

Well No. 1 Elev. 920

District Lafayette County Pleasants

The surface of tract is owned in fee by same

Mineral rights are owned by same

Drilling commenced June 18, 1956

Drilling completed July 19, 1956

Date Shot None From        To       

With       

Open Flow 10 /10ths Water in 2 Inches

Volume 155,000 Cu. Ft.

Rock Pressure 10 lbs. 4 hrs.

Oil none lbs. / 24 hrs.

Fresh water 3150 feet

Salt water none feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
18			Kind of Packer <u>2 7/8 x 1 1/2</u>
18			Expansion
18	280	None	Size of 2 x 7 o.d
2 1/2	1063	None	
2 1/2	1455	1455	Depth set 1605
2			Perf. top 1760
2		1088	Perf. bottom 1770

License Used       

CASING CEMENTED	No.	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT <u>None</u> FEET INCHES				
FEET		INCHES	FEET	INCHES
FEET		INCHES	FEET	INCHES

Formation	Color	Harder Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Surface			10	10			
Red Rock		Soft	10	50			
Slate	White	Soft	50	140			
Sand	Soft	Soft	140	235	Water		
Shale	Red	Soft	235	260	150		
Slate	Gray	Soft	260	285			
Shale	Red	Soft	285	345			
Slate	White	Soft	345	395			
Slate	Brown	Soft	395	420			
Shale	Red	Soft	420	440			
Sand		Soft	440	475			
Slate	White	Soft	475	500			
Shale	Red	Soft	500	550			
Slate	White	Soft	550	645			
Sand		Solid	645	658			
Slate	White	Soft	658	720			
Shale	Red	Soft	720	730			
Slate	White	Soft	730	745			
Shale	Red	Soft	745	785			
Slate	White	Soft	785	805			
Shale	Big red	Soft	805	865			
Slate	White	Soft	865	890			
Shell		Hard	890	895			
Slate	Black	Soft	895	930			
Shale	Pink	Soft	930	955			
Slate	White	Soft	955	970			
Slate	Black	Soft	970	1005			
Shell		Hard	1005	1015			
Slate	White	Soft	1015	1025			
Shell		Hard	1025	1040			
Slate	White	Soft	1040	1070			
Slate	Black	Soft	1070	1120			
Slate	White	Soft	1120	1220			
Slate	Black	Soft	1220	1255			
Sand	Limy	Hard	1255	1285			
Sand		Hard	1285	1295			
Slate	Black	Soft	1295	1340			
Sand		Solid	1340	1365			

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AUG 1956  
WEST VIRGINIA  
DEPT. OF MINES

03/17/2023





Jan 18, 2023 at 12:59:42 PM



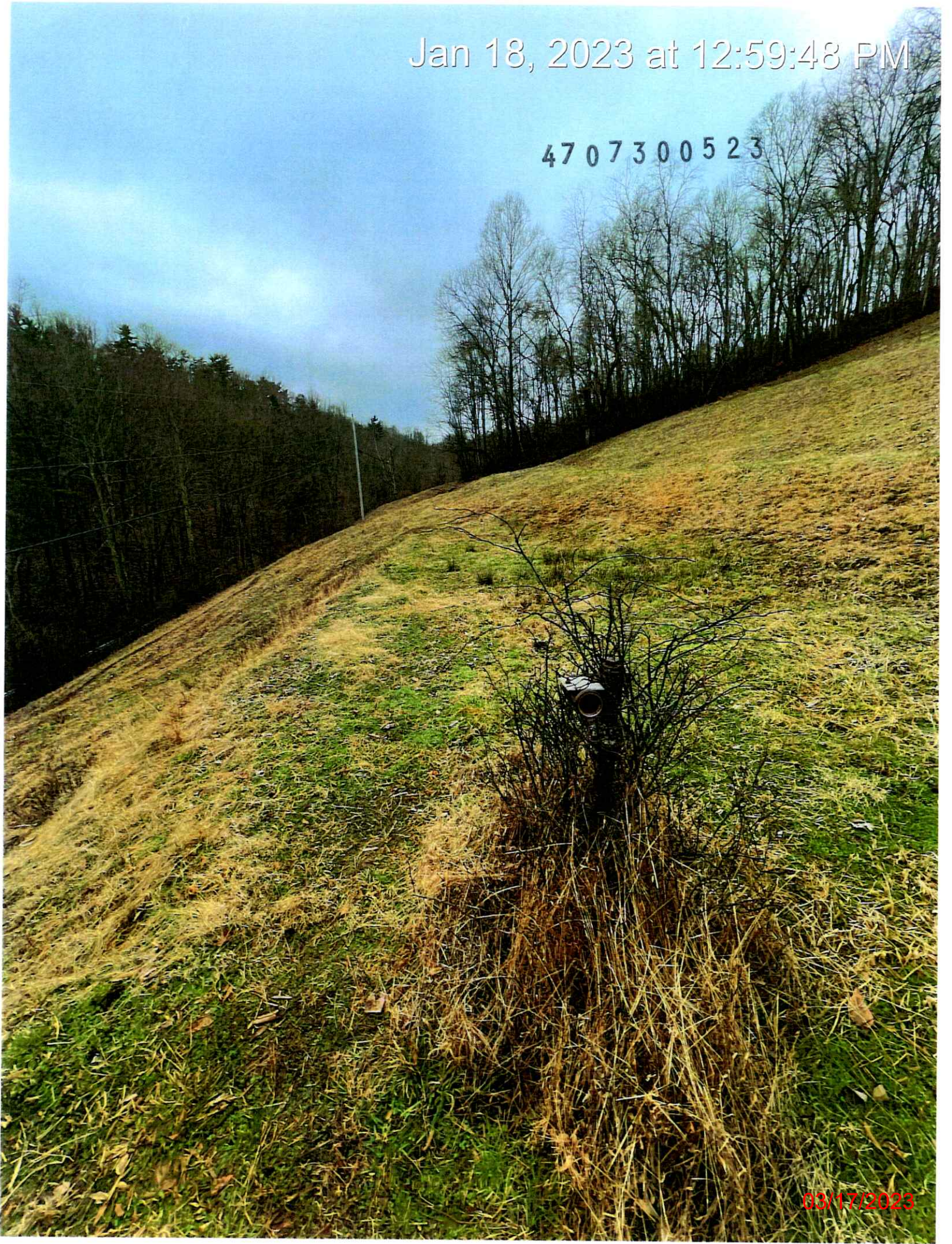
03/17/2023



Jan 18, 2023 at 12:59:48 PM

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03/17/2023





4707300523

WW-4A  
Revised 6-07

1) Date: January 31, 2023  
2) Operator's Well Number  
John McCullough No. 1

3) API Well No.: 47 - 073 - 00523

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name: Homer R. & Sandra K. Noland	Name: N/A
Address: 205 Winchester Ln. Saint Marys, WV 26170	Address: _____
(b) Name: _____	(b) Coal Owner(s) with Declaration
Address: _____	Name: No Declarations found
(c) Name: _____	Address: _____
Address: _____	Name: _____
Address: _____	Address: _____
6) Inspector: Isaiah Richards	(c) Coal Lessee with Declaration
Address: 114 Turkey Lick Road	Name: No Declarations found
West Union, WV 26456	Address: _____
Telephone: 304-205-3032	Address: _____

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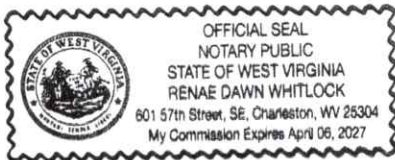
**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents: WV Department of Environmental Protection

- (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.

Well Operator: Unknown - WVDEP Paid Plugging Contract  
 By: Jason Harmon *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 13<sup>th</sup> day of February  
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).

03/17/2023





4707300523

info@slsww.com  
www.slsww.com

February 1, 2023

Homer R. & Sandra K. Noland  
205 Winchester Ln.  
Saint Marys, WV 26170

Mr. & Mrs. Noland,

Please find enclosed a Permit Application to plug and abandon a Well for API# 47-073-00523, in Pleasants County, WV which records from the County Courthouse indicate that you are the 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 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

RECEIVED  
Office of Oil and Gas

**FEB 13 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**

**03/17/2023**



**CERTIFIED MAIL**

7022 2410 0003 5359 3332  
7022 2410 0003 5359 3332

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Postage and Fees: \$4.15  
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Registered Mail Fee: \$3.00  
Signature Confirmation Restricted Delivery Fee: \$3.00  
Registered Mail Restricted Delivery Fee: \$3.00  
Signature Confirmation Restricted Delivery Fee: \$3.00  
Registered Mail Restricted Delivery Fee: \$3.00

Postmark: [Blank]

PS Form 3811, July 2020 PSN 7530-02-000-9063

4707300523  
US POSTAGE  
\$009.72  
FEB 24 2023

**SMITH LAND SURVEYING, INC.**  
12 Vanhorn Drive  
PO Box 150  
Glenville, WV 26351

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**TO:** Homer R. & Sandra K. Noland  
205 Winchester Ln.  
Saint Marys, WV 26170

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Homer R. & Sandra K. Noland  
205 Winchester Ln.  
Saint Marys, WV 26170

2. Article Number (Transfer from service label)

9590 9402 7774 2152 3634 96

7022 2410 0003 5359 3332

PS Form 3811, July 2020 PSN 7530-02-000-9063

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
X

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Insured Mail	
<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	

Domestic Return Receipt

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Office of Oil and Gas  
**FEB 13 2023**  
WV Department of Environmental Protection

03/17/2023





47 073 005 23

info@slsww.com  
www.slsww.com

January 13, 2023

Noland R. Homer & Sandra K  
205 Winchester Ln.  
Saint Marys, WV 26170

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Office of Oil and Gas

FEB 13 2023

WV Department of  
Environmental Protection

Mr. and Mrs. Homer,

Please find enclosed a Notice of Intent to Plug / Replug Abandoned Wells Form for API #47-073-00523 in Pleasants County, WV, Map 11 Parcel 4, which records from the Pleasants County Courthouse indicate that you are the 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 any questions please do not hesitate to contact me.

Jim Mencer  
SLS Land & Development  
Permitting Tech.  
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**

03/17/2023



4707300523

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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

**FEB 13 2023**

WV Department of  
Environmental Protection

Noland R. Homer & Sandra K  
205 Winchester Ln,  
Saint Marys, WV 26170

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: Lafayette Dist., Pleasants County WV, Map 11 Parcel 4  
28 Acres, Well API# 47-073-00523

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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).



4707300523

7022 2410 0003 5359 3134

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

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7022 2410 0003 5359 3134

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Extra Services & Fees (check box, add fee if appropriate)

Return Receipt (hardcopy) \$ 2.25

Return Receipt (electronic)

Certified Mail Restricted Delivery

Adult Signature Required

Adult Signature Restricted Delivery

Postage \$ 0.57

Total Postage and Fees \$ 2.82

Postmark Here

Sent to Noland R. Homer and Sandra K.  
 Street and Apt. No. or PO Box No. 205 Winchester Ln  
 City, State, ZIP+4<sup>®</sup> Glennville WV 26170  
9-551 Phone

PS Form 3800, April 2015 FSN 7500-02-000-9047 See Reverse for Instructions

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FEB 13 2023  
U.S. Department of  
Environmental Protection

NOLAND R. HOMER & SANDRA K.  
205 WINCHESTER LN.  
SAINT MARYS, WV 26170



PO Box 150  
GLENNVILLE, WV 26351

03/17/2023



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

**FEB 13 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.



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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Environmental Protection

4707300523

WW-9  
(5/16)

API Number 47 - 073 - 00523  
Operator's Well No. John McCullough No.1

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) Tributary of South Fork of Rock Run Quadrangle Ellenboro 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

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Office of Oil and Gas

FEB 13 2023

WV Department of  
Environmental Protection

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

Subscribed and sworn before me this 13th day of February, 2023

Rena Dawn Whitlock Notary Public

My commission expires April 6, 2027





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

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.

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Plan Approved by: 

WV Department of  
Environmental Protection

Comments: No pit will be used.

Title: OOG Inspector

Date: 02/09/2023

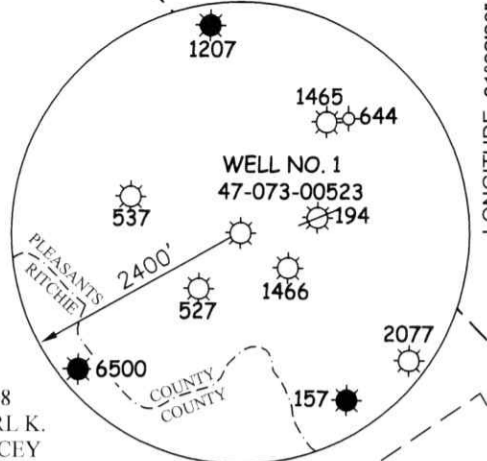
Field Reviewed? ( ) Yes ( x ) No

**JOHN MCCULLOUGH LEASE**  
**37 ACRES**  
**WELL NO. 1**  
**47-073-00523**

LATITUDE 39°20'00"

LONGITUDE 81°02'30"

(UTM(M) ZONE 17)  
NAD'83 GEO. LAT-(N) 39.331797 LONG-(W) 81.072697  
NAD'83 UTM (M) N. 4,353,600 E. 493,735



**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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WV Department of Environmental Protection

**SLS**  
FROM THE GROUND UP  
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  
slsvv.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 JANUARY 27, 20 23  
REVISED \_\_\_\_\_, 20 \_\_\_\_  
OPERATORS WELL NO. 1  
API WELL NO. 47 - 073 - 00523-P  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 9346-SURV-Well 04707300523-MT-R00-20230129.dwg  
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SUBMETER MAPPING GRADE TIE TO CORS NETWORK) SCALE 1" = 500'

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

**WELL TYPE:** OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

**LOCATION:**  
ELEVATION 948' WATERSHED TRIBUTARY OF SOUTH FORK OF ROCK RUN  
DISTRICT LAFAYETTE COUNTY PLEASANTS QUADRANGLE ELLENBORO 7.5'

SURFACE OWNER HOMER R. & SANDRA K. NOLAND ACREAGE 28±  
ROYALTY OWNER JOHN C. MCCULLOUGH HEIRS & ASSIGNS ACREAGE 37±

**PROPOSED WORK:**  
DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ PLUG AND ABANDON X CLEAN OUT AND REPLUG \_\_\_ OTHER \_\_\_  
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION BIG INJUN  
ESTIMATED DEPTH 1988'

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

STS

COUNTY NAME PERMIT

03/17/2023



# JOHN MCCULLOUGH LEASE

## 47-073-00523

100 FEET ± @  
5-10% GRADE

80 FEET ± @  
0-5% GRADE

200 FEET ± @  
5-10% GRADE

320 FEET ± @  
0-5% GRADE

POND

WOODED

860 FEET ± AT 0-5% GRADE

18" STEEL  
(WASHED OUT)

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Environmental Protection



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).

47-073-00523

WELL NO. 1

SEDIMENT TRAP

SEDIMENT BARRIER

OVERHEAD WIRES

TANK

42" PLASTIC

TANK

0.45 MILES ±  
TO CO RT 16/2

30

15" STEEL

48" GALVANIZED

0.62 MILES ±  
TO CO RT 30/3

30



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.9634  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296

solv.com

SCALE: 1" = 100'

0' 100' 200'



EXISTING CULVERT

PROPOSED CULVERT  
15" MIN. UNLESS  
OTHERWISE NOTED

PROPOSED STREAM  
CROSSING

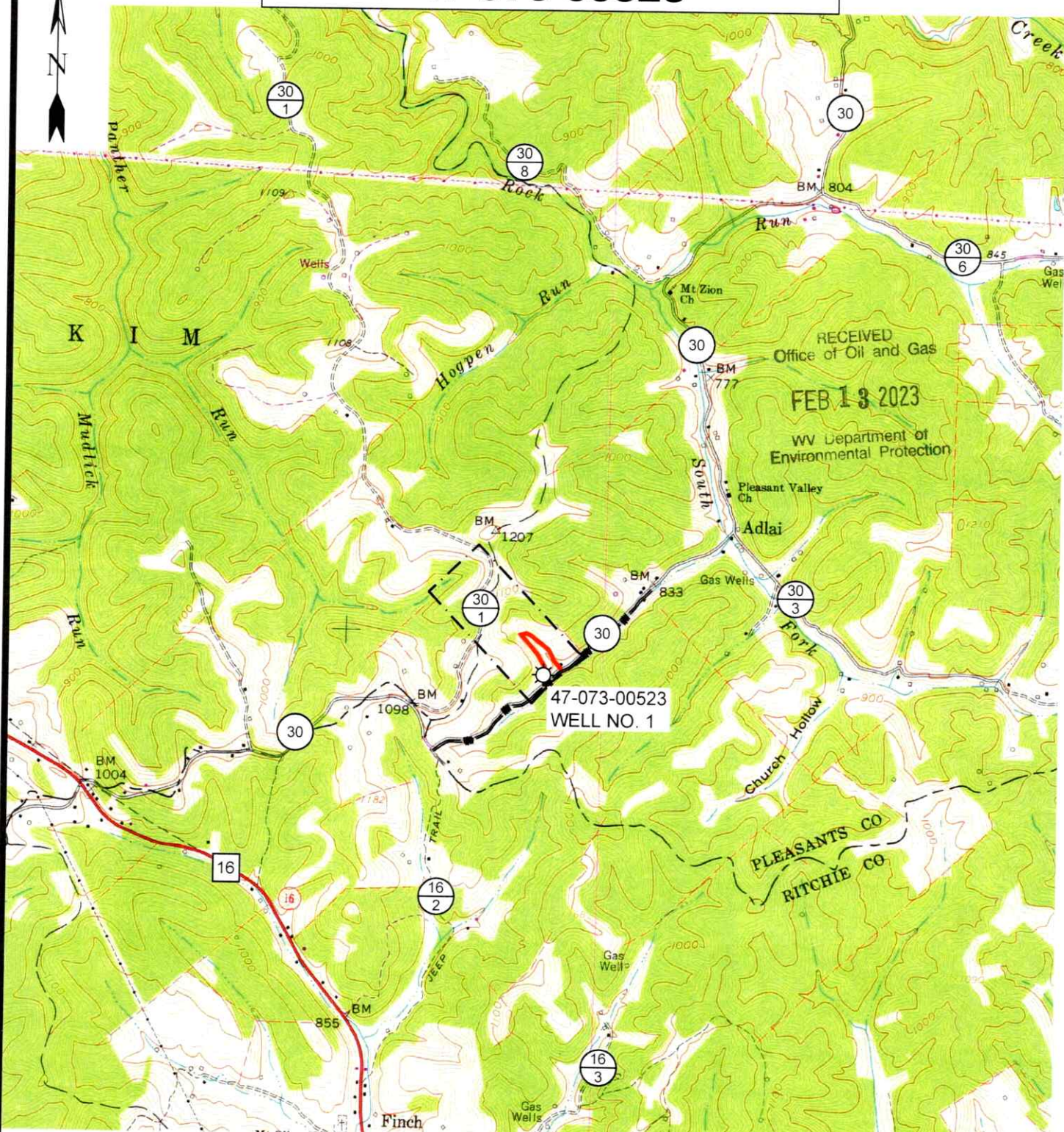
APPROXIMATE LIMITS

03/17/2023

DRAWN BY JDR	FILE NO. 9346	DATE 01-30-23	CADD FILE: 9346-SURV-REC-R00- JDR-230131.DWG
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# JOHN MCCULLOUGH LEASE 47-073-00523



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1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296

slevv.com

**SCALE: 1"=2000'**

0'      2000'      4000'



TOPO SECTION OF ELLENBORO, WV  
7.5' TOPO QUADRANGLE

DRAWN BY JDR	FILE NO. 9346	DATE 01-30-23	CADD FILE: 9346-SURV-REC-R00- JDR-230131.DWG
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03/17/2023



4707300523



info@sldswv.com  
www.sldswv.com

February 10, 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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**FEB 13 2023**

WV Department of  
Environmental Protection

Dear Mr. Harmon,

Please find enclosed a permit application to plug API# 47-073-00523 in Lafayette District, Pleasants County. It is a part of the multi-well plugging contract for the Orphan and Abandoned Well Program for Region 1. The plugging contractor is Next Level Energy, operating under the Region 1 contract. The WV DEP Inspector has signed the permit application and the Surface Owner has been mailed a copy of the Permit Application by certified mail. The mail receipts for the Surface Owner package and Notice of Intent form are included.

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**

03/17/2023

API No. **4707300523**  
47-073-00523  
Farm Name \_\_\_\_\_  
Well No. John McCullough No.1

**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.

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Office of Oil and Gas

**FEB 13 2023**

WV Department of  
Environmental Protection

**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 \_\_\_\_\_







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

---

## Plugging permits issued 4707300523 07300527

1 message

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

Thu, Mar 16, 2023 at 10:23 AM

To: Henry J Harmon <henry.j.harmon@wv.gov>, Isaiah M Richards <isaiah.m.richards@wv.gov>, Austin Sutler <asutler@dgoc.com>, vgorrell@assessor.state.wv.us


To whom it may concern, plugging permits for wells 4707300523 07300527 have been issued.


James Kennedy


WVDEP OOG


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### 4 attachments

 **IR-8 4707300527.pdf**  
120K

 **IR-8 4707300523.pdf**  
120K

 **4707300523.pdf**  
4175K

 **4707300527.pdf**  
4064K

03/17/2023