



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

Thursday, June 29, 2023

WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 90146
47-085-10404-00-00

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: CHAQ OIL COMPANY
U.S. WELL NUMBER: 47-085-10404-00-00
Vertical Plugging
Date Issued: 6/29/2023

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. 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 April 19, 2023
2) Operator's
Well No. Chaq Oil Co. No. 90146
3) API Well No. 47-085 - 10404

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 1198' Watershed Oil Spring Run of Goose Creek
District Grant County Ritchie Quadrangle Petroleum 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 9) Plugging Contractor
Name Isaiah Richards Name Next LVL Energy
Address 114 Turkey Lick Road Address 104 Heliport Loop
West Union, WV 26456 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 16 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 06/14/2023

06/30/2023



☉ 115°SE (T) LAT: 39.216188 LON: -81.285328 ±32ft ▲ 1100ft



47-085-10404

#9387
22 Mar 2020 06/30/2020 16:32:02

PLUGGING PROGNOSIS

West Virginia, Ritchie County
API # 47-085-10404

Plugging Procedure written based on procedures from offset wells that have been plugged in the past

Casing Schedule

6-5/8" csg @ unknown depth
2-3/8" tbg and rods @ unknown depth
TD @ ~350'

1. Notify inspector, Isaiah Richards @ (304) 205-3032, 48 hrs. prior to commencing operations.
2. Pull 2-3/8" tbg and rods from the hole
3. Check hole TD @ ~350'
4. Run in to depth @ 350'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 100' Class A/Class L cement plug from 350' to 250' (**Bottom hole plug**). Tag TOC. Top off as needed.
5. If possible, free point 6-5/8" csg. Cut and TOOH.
6. TOOH w/ tbg to 250'. Pump 250' Class A/Class L Cement plug from 250' to surface.
7. Erect monument with API#.
8. Reclaim location and road to WV-DEP specifications.



06/14/2023

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06/30/2023

WW-4A
Revised 6-07

1) Date: April 19, 2023
2) Operator's Well Number
Chaq Oil Co. No. 90146

3) API Well No.: 47 - 085 - 10404

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

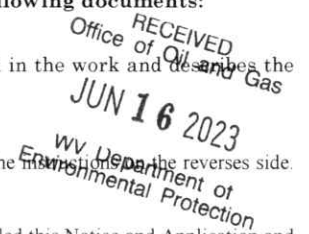
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Hershberger Sawing and Logging, LLC.</u>	Name <u>N/A</u>
Address <u>8383 Kedron Rd.</u>	Address _____
<u>Apple Creek, OH 44606</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>No Declarations found</u>
_____	Address _____
_____	_____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Isaiah Richards</u>	(c) Coal Lessee with Declaration
Address <u>114 Turkey Lick Road</u>	Name <u>No Declarations found</u>
<u>West Union, WV 26456</u>	Address _____
Telephone <u>304-205-3032</u>	_____

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

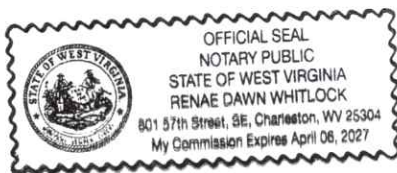
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the information on the reverse 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 21st 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.

06/30/2023



info@swww.com
www.swww.com

March 13, 2023

Hershberger Sawing and Logging LLC
8383 Kidron Rd
Apple Creek, OH 44606

Hershberger Sawing and Logging LLC,

Please find enclosed a Notice of Intent to Plug / Replug Abandoned Wells Form for the various wells listed on the notice of intent in Pleasants County, WV, Map 20 Parcel 4, which records from the Ritchie 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 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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12 Vanhorn Drive, Glenville, WV 26351
1412 Kanawha Boulevard East, Charleston, WV 25301
254 East Beckley Bypass, Beckley, WV 25801
304-462-5634

06/30/2023



west virginia department of environmental protection

Office of Oil and Gas
601 57th 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)**

Hershberger Sawing and Logging LLC
8383 Kidron Rd,
Apple Creek, OH 44606

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: Grant Dist., Ritchie County WV, Map 20 Parcel 4
100.00 Acres, Well API# 47-085-10440, 47-085-10406, 47-085-10407, 47-085-10404

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).

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Office of Oil and Gas

JUN 16 2023

WV Department of Environmental Protection

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

Date Issued: _____ Date Served: _____

Name of person served _____

Service Address; _____

Certified Mail Receipt No. (if applicable) _____

Name of Person Making Personal Service (if applicable) _____

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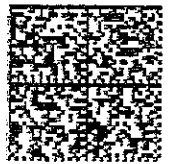
06/30/2023



PO Box 150
GLENNVILLE, WV 26351

HERSBERGER SAWING AND LOGGING LLC
8383 KIDRON RD
APPLE CREEK, OHIO 44606

FIRST-CLASS



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Office of Oil and Gas

JUN 16 2023

WV Department of
Environmental Protection

ZIP 26351
02 7H
MAR 13 2023
\$ 008.10⁰⁰



7022 2410 0003 5359 3653

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

CERTIFIED MAIL



7022 2410 0003 5359 3653

7022 2410 0003 5359 3653

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Certified Mail Fee

7.15

Extra Services & Fees (check box and fee as appropriate)

Return Receipt (hardcopy)

Certified Mail Restricted Delivery

Adult Signature Required

Adult Signature Restricted Delivery

Postage

0.6

Total Postage and Fees

8.10

Postmark
Here

Sent to

Hersberger Sawing and Logging LLC

8383 Kidron Rd

Apple Creek, OH 44606

PS Form 3800, April 2015 (PSN 7530-02-000-9047)

See Reverse for Instructions

06/30/2023



info@slsww.com
www.slsww.com

April 19, 2023

Hershberger Sawing and Logging, LLC.
8383 Kedron Rd.
Apple Creek, OH 44606

To whom it may concern,

Please find enclosed a Permit Application to plug and abandon a Well for API# 47-085-10404, in Ritchie County, WV, which records from the County Courthouse indicate that you are the surface owners. 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
JUN 16 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

06/30/2023



7022 2410 0003 5359 4001
7022 2410 0003 5359 4001

US POSTAGE
FIRST CLASS
\$ 009.72
NOV 16 2022

U.S. Postal Service®
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

OFFICIAL USE

For delivery information, visit usps.com

1. Article Number (Transfer from service label)
9590 9402 7774 2152 3743 24

2. Article Addressed to:
HERSHBERGER SAWING AND LOGGING, LLC.
8383 KEDRON RD.
APPLE CREEK, OH 44606

3. Service Type
 Adult Signature
 Adult Signature Restricted Delivery
 Certified Mail®
 Certified Mail Restricted Delivery
 Collect on Delivery
 Collect on Delivery Restricted Delivery
 Insured Mail
 Insured Mail Restricted Delivery (over \$500)

4. Signature
 X
 Agent
 Addresssee

5. Received by (Printed Name)
 B
 C

6. Date of Delivery
 D

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

8. Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

9. Return Receipt (Form 3811)
 Return Receipt for Merchandise
 Return Receipt for Registered Mail
 Return Receipt for Signature Confirmation
 Return Receipt for Signature Confirmation Restricted Delivery
 Return Receipt for Insured Mail
 Return Receipt for Insured Mail Restricted Delivery (over \$500)

10. Remarks

11. Signature of Addressee (Printed Name)
 Hershberger Sawing & Logging, LLC
 8383 Kedron Rd.
 Apple Creek, OH 44606

12. Signature of Addressee (Signature)
 Hershberger Sawing & Logging, LLC
 8383 Kedron Rd.
 Apple Creek, OH 44606

13. Signature of Addressee (Signature)
 Hershberger Sawing & Logging, LLC
 8383 Kedron Rd.
 Apple Creek, OH 44606

14. Signature of Addressee (Signature)
 Hershberger Sawing & Logging, LLC
 8383 Kedron Rd.
 Apple Creek, OH 44606

15. Signature of Addressee (Signature)
 Hershberger Sawing & Logging, LLC
 8383 Kedron Rd.
 Apple Creek, OH 44606

16. Signature of Addressee (Signature)
 Hershberger Sawing & Logging, LLC
 8383 Kedron Rd.
 Apple Creek, OH 44606

17. Signature of Addressee (Signature)
 Hershberger Sawing & Logging, LLC
 8383 Kedron Rd.
 Apple Creek, OH 44606

18. Signature of Addressee (Signature)
 Hershberger Sawing & Logging, LLC
 8383 Kedron Rd.
 Apple Creek, OH 44606

19. Signature of Addressee (Signature)
 Hershberger Sawing & Logging, LLC
 8383 Kedron Rd.
 Apple Creek, OH 44606

20. Signature of Addressee (Signature)
 Hershberger Sawing & Logging, LLC
 8383 Kedron Rd.
 Apple Creek, OH 44606

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

TO: HERSHBERGER SAWING & LOGGING, LLC.
 8383 KEDRON RD.
 APPLE CREEK, OH 44606

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> 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. <p>1. Article Addressed to: HERSHBERGER SAWING AND LOGGING, LLC. 8383 KEDRON RD. APPLE CREEK, OH 44606</p> <p>2. Article Number (Transfer from service label) 9590 9402 7774 2152 3743 24</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>	<p>4. Signature <input checked="" type="checkbox"/> X <input type="checkbox"/> Agent <input type="checkbox"/> Addresssee</p> <p>5. Received by (Printed Name) <input type="checkbox"/> B <input type="checkbox"/> C</p> <p>6. Date of Delivery <input type="checkbox"/> D</p> <p>7. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>8. Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9033</p>	<p>Domestic Return Receipt</p>

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 Office of Oil and Gas
 JUN 16 2023
 WV Department of
 Environmental Protection

06/30/2023



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
Phone (304) 926-0450

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

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4)
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

ORDER NO. 2022-13

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.

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Office of Oil and Gas

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FINDINGS OF FACT

WV Department of
Environmental Protection

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.

06/30/2023

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.

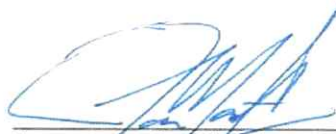
ORDER

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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Office of Oil and Gas

JUN 16 2023

WV Department of
Environmental Protection

06/30/2023

WW-9
(5/16)

API Number 47 - 085 - 10404
Operator's Well No. 90146

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) Oil Spring Run of Goose Creek Quadrangle Petroleum 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

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Office of Oil and Gas
JUN 16 2023
WV Department of
Environmental Protection

Subscribed and sworn before me this 21st day of June, 20 23

Renee 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
		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.

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Environmental Protection

Title: OOG Inspector Date: 06/14/2023

Field Reviewed? () Yes (x) No

06/30/2023

CHAQ OIL CO. 100 ACRE LEASE WELL NO. 90146 47-085-10404

NAD'83 GEO. LAT-(N) 39.216248 LONG-(W) 81.285306
NAD'83 UTM (M)(ZONE 17) N. 4,340,813 E. 475,370

LATITUDE 39°15'00"

LONGITUDE 81°15'00"

54-11
HERSHBERGER
SAWING AND
LOGGING, LLC
27.5 AC.

20-4
HERSHBERGER
SAWING &
LOGGING, LLC
100 AC.

27-7.3
PREFERRED
AIRPARTS, LLC
287.117 AC.

20-7
MIKE ROSS INC.
AND GAS
COMPANY INC.
397.175 AC.

20-7
MIKE ROSS INC.
AND GAS
COMPANY INC.
397.175 AC.
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12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3957
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slewv.com

LEGEND

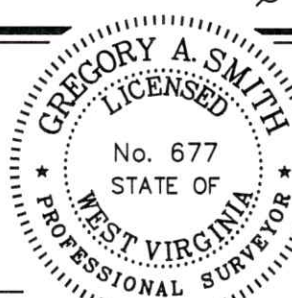
- LEASE LINE
- SURFACE LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- DISTRICT-TAXMAP-PARCEL 00-00-00

NOTES ON SURVEY

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

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 APRIL 10, 20 23
 REVISED _____, 20 _____
 OPERATORS WELL NO. WELL NO. 90146
 API WELL NO. 47 - 085 - 10404-P
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 9387-SURV-4708510404-MT-R00-230417.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 LIQUID INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW

LOCATION: ELEVATION 1098' WATERSHED OIL SPRING RUN OF GOOSE CREEK

DISTRICT GRANT COUNTY RITCHIE QUADRANGLE PETROLEUM 7.5'

SURFACE OWNER HERSHBERGER SAWING AND LOGGING LLC ACREAGE 100±

ROYALTY OWNER HERSHBERGER SAWING AND LOGGING LLC ACREAGE 100±

PROPOSED WORK: LEASE NO. 06/30/2023

DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON CLEAN OUT AND REPLUG _____ OTHER _____

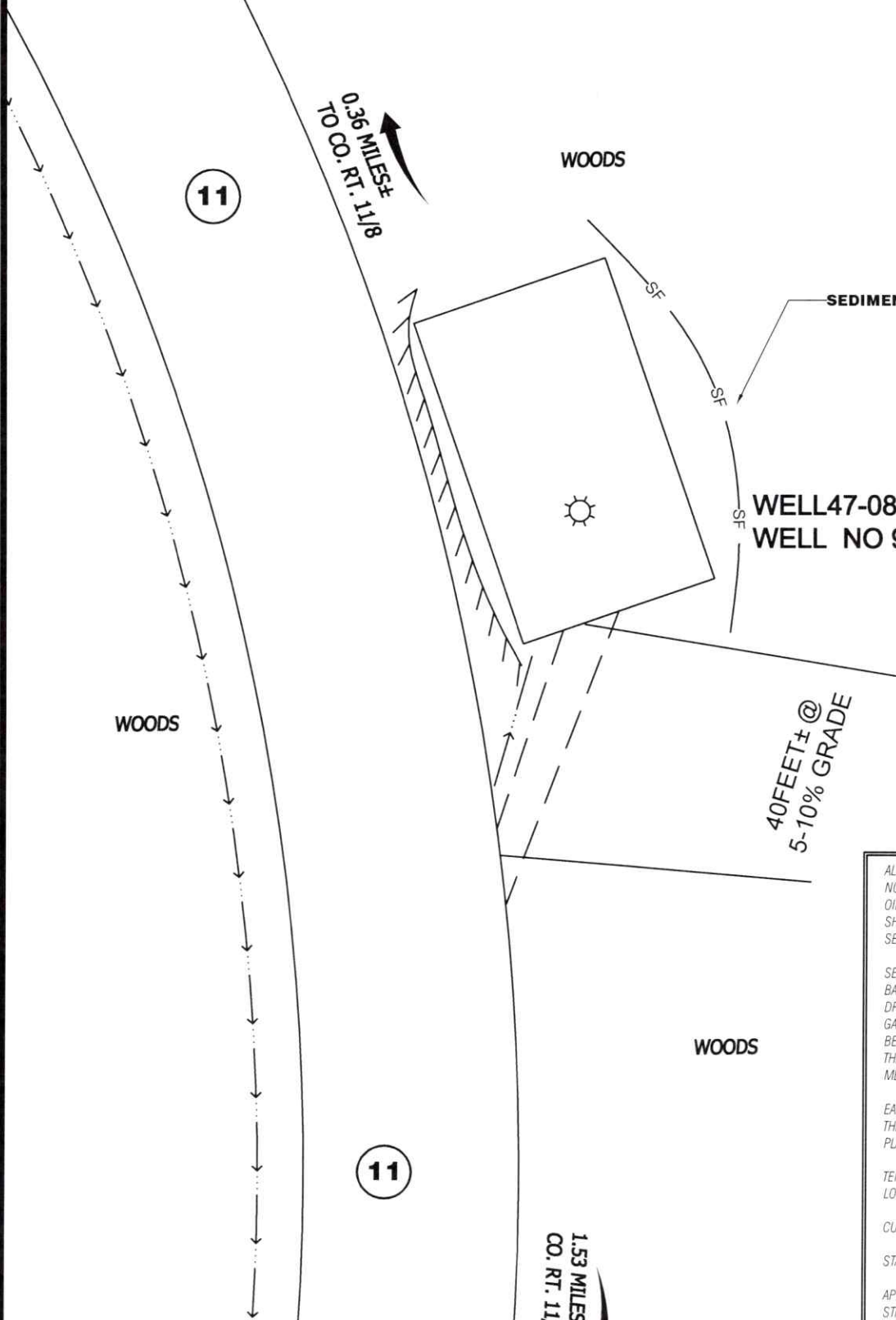
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION UNKNOWN
ESTIMATED DEPTH UNKNOWN

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

COUNTY NAME

PERMIT

HERSHBERGER LEASE 47-085-10404



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JUN 16 2023
WV Department of
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).

- = EXISTING CULVERT
- = PROPOSED CULVERT 15' MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING
- = APPROXIMATE LIMITS

06/30/2023



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

sllswv.com

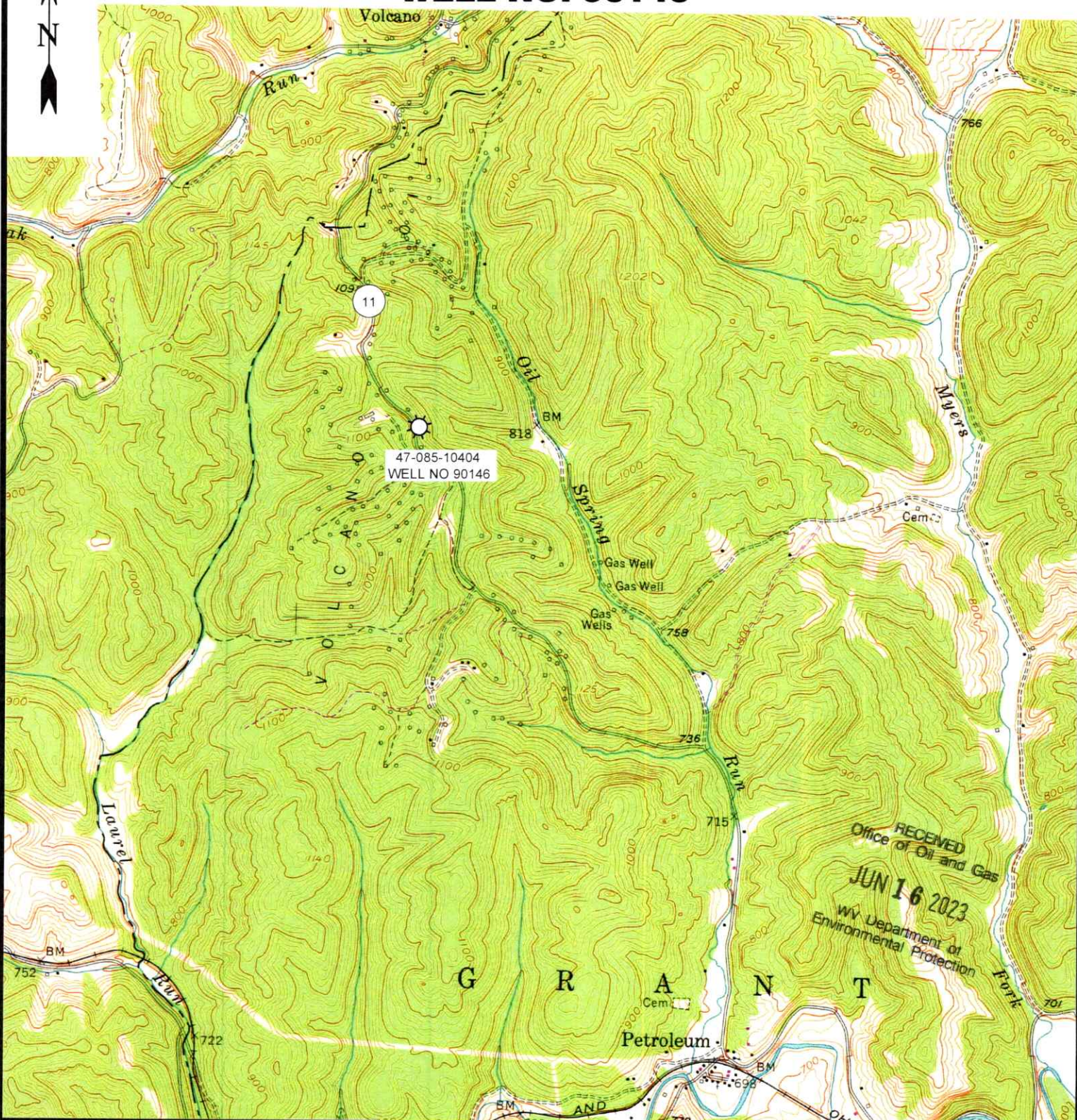
SCALE: 1"=20'



DRAWN BY GF	FILE NO. 9387	DATE 4-04-23	CADD FILE: 9387-SURV-REC-R00-GF-040423.DWG
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47-085-10404

WELL NO. 90146



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

slswv.com

PETROLEUM 7.5' USGS QUAD

SCALE: 1"=2000'

0' 2000' 4000'



DRAWN BY GF	FILE NO. 9387	DATE 4-04-23	CADD FILE: 9387-SURV-TOPO-ROO- GF-040423.DWG
----------------	------------------	-----------------	--

06/30/2023

Example

]FORM WW-4 (B)
Observe
File Copy
(Rev. 9/94)

1) Date 5/18/04
2) Operator's
Well No. Goose Creek# 27
3) API Well No. 47-085-09068P

80460

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil x / Gas _____ / Liquid injection _____ / Waste disposal _____ /
(If "Gas, Production _____ or Underground storage _____) Deep _____ / Shallow x
- 5) Location: Elevation _____ Watershed Laurel Run
District Grant 2 County Ritchie Quadrangle Petroleum 544
- 6) Well Operator WV DEP Plugging 7) Designated Agent James Martin
Address 1356 Hansford St. Address Same
Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Steve Mosser Name _____
Address Route 80, Box 3 Address _____
Smithville, WV 26187

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

1. PULL 2 3/8" TUBING, AND RODS FROM THE HOLE.
2. CHECK HOLE T.D. AT @ 350'.
3. RUN 2 3/8" tubing to 350'.
4. GEL HOLE.
5. CEMENT FROM 350' TO 250'.
6. PULL TUBING FROM THE HOLE.
7. FREE POINT, AND CUT 6 5/8" casing at @ 150'.
8. PULL 6 5/8" casing from the hole.
9. RUN 2 3/8" TUBING TO 150'.
10. CEMENT FROM 150' TO Surface.
11. PULL TUBING FROM THE HOLE.
12. ERECT A MONUMENT W/API NUMBER.

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JUN 16 2023
WV Department of
Environmental Protection

OFFICE USE ONLY

PLUGGING PERMIT

Permit Number _____ Date _____, 19__

This permit covering the well and well location shown below is evidence of permission granted to plug in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector 24 Hours before actual permitted work has commenced.

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

Permit expires _____ unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond: _____ Agent: _____ Plat: _____ Casing: _____ WPCP: _____ Other: _____

Chief Office of Oil and Gas 06/30/2023

Example

]FORM WW-4(B)
Observe
File Copy
(Rev. 9/94)

1) Date 7/30/04
2) Operator's
Well No. Goose Creek# 34-80429
3) API Well No. 47-085 09101P

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil x / Gas _____ / Liquid injection _____ / Waste disposal _____ /
(If "Gas, Production _____ or Underground storage _____) Deep _____ / Shallow x
- 5) Location: Elevation _____ Watershed Laurel Run
District Grant 2 County Ritchie Quadrangle Petroleum 544
- 6) Well Operator WV DEP Plugging 7) Designated Agent James Martin
Address 1356 Hansford St. Address Same
Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Steve Mosser Name _____
Address Route 80, Box 3 Address _____
Smithville, WV 26187

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

- 1. CHECK HOLE T.D. AT @ 350'.
- 2. RUN 2 3/8" tubing to 350'.
- 3. GEL HOLE.
- 4. CEMENT FROM 350' TO 250'.
- 5. PULL TUBING FROM THE HOLE.
- 6. FREE POINT, AND CUT 6 5/8" casing at @ 150'.
- 7. PULL 6 5/8" casing from the hole.
- 8. RUN 2 3/8" TUBING TO 150'.
- 9. CEMENT FROM 150' TO Surface.
- 10. PULL TUBING FROM THE HOLE.
- 11. ERECT A MONUMENT W/API NUMBER.

NOTE: Well has been open for years. If we cannot
Get to T.D. well will be cleaned out to T.D.

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JUN 16 2023

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Office of Oil & Gas

AUG 02 2004

WV Department of
Environmental Protection

N 4346297
E 475391

OFFICE USE ONLY

PLUGGING PERMIT

Permit Number _____ Date _____, 19____

This permit covering the well and well location shown below is evidence of permission granted to plug in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector 24 Hours before actual permitted work has commenced.

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

Permit expires _____ unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond: _____ Agent: _____ Plat: _____ Casing: _____ WPCP: _____ Other: _____

06/30/2023

Example

FORM WW-4(B)
Observe
File Copy
(Rev. 9/94)

1) Date 3/13/04
2) Operator's
Well No. Goose Creek # 9
3) API Well No. 47-085 C9040P

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil x / Gas _____ / Liquid injection _____ / Waste disposal _____ /
(If "Gas, Production _____ or Underground storage _____) Deep _____ / Shallow x
- 5) Location: Elevation _____ Watershed Laurel Run
District Grant County Ritchie Quadrangle Petroleum 544
- 6) Well Operator WV DEP Plugging 7) Designated Agent James Martin
Address 1356 Hansford St. Address Same
Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Steve Mosser Name _____
Address Route 80, Box 3 Address _____
Smithville, WV 26187

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

- 1. PULL 2 3/8" TUBING, AND RODS FROM THE HOLE.
- 2. CHECK HOLE T.D. AT @ 350'.
- 3. RUN 2 3/8" tubing to 350'.
- 4. GEL HOLE.
- 5. CEMENT FROM 350' TO 250'.
- 6. PULL TUBING FROM THE HOLE.
- 7. FREE POINT, AND CUT 6 5/8" casing at @ 150'.
- 8. PULL 6 5/8" casing from the hole.
- 9. RUN 2 3/8" TUBING TO 150'.
- 10. CEMENT FROM 150' TO Surface.
- 11. PULL TUBING FROM THE HOLE.
- 12. ERECT A MONUMENT W/API NUMBER.

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JUN 16 2023

PLUGGING PERMIT

WV Department of
Environmental Protection

Permit Number _____ Date _____, 19____

This permit covering the well and well location shown below is evidence of permission granted to plug in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector 24 Hours before actual permitted work has commenced.

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

Permit expires _____ unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond: _____ Agent: _____ Plat: _____ Casing: _____ WPCP: _____ Other: _____

Chief Office of Oil 06/30/2023

WW-4B

API No.	<u>47-085-10404</u>
Farm Name	<u>Chaq Oil Company</u>
Well No.	<u>90146</u>

**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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Office of Oil and Gas

JUN 16 2023

WV Department of
Environmental Protection

06/30/2023

Operator's Well
Number

Chaq Oil Co. No. 90146

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, 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

06/30/2023

Office of Oil and Gas
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JUN 16 2023
WV Department of Environmental Protection



info@slsww.com
www.slsww.com

June 15, 2023

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

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Office of Oil and Gas
JUN 16 2023
WV Department of
Environmental Protection

Dear Mr. Harmon,

Please find enclosed a permit application to plug API# 47-085-10404 in Grant District, Ritchie County, WV. It is a part of the multi-well plugging contract for the Orphan and Abandoned Well Program for Region 3. The plugging contractor is Next Level Energy, operating under the Region 3 contract. The Inspector has signed off on the work to be performed and signature forms are in the Plugging Application. Surface Owner has been mailed Intent to Plug and abandon forms and a copy of the Plugging Permit. Certified mail receipts are enclosed.

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

06/30/2023



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

plugging permits approved 4708510470 10478 10404

1 message

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

Thu, Jun 29, 2023 at 3:31 PM


To: Henry J Harmon <henry.j.harmon@wv.gov>, Isaiah M Richards <isaiah.m.richards@wv.gov>, Austin Sutler <asutler@nextlvenergy.com>, Chris Veazey <CVeazey@dgoc.com>, amossor@wvassessor.com


To whom it may concern, plugging permits have been issued for 4708510470 10478 10404.


James Kennedy

WVDEP OOG

3 attachments

 **4708510478.pdf**
3440K

 **4708510404.pdf**
3949K

 **4708510470.pdf**
4256K

06/30/2023