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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, August 11, 2025  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304


Re: Permit approval for 90219  
47-029-00151-00-00

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: BURROUGHS GREG ET UX   
U.S. WELL NUMBER: 47-029-00151-00-00  
Vertical Plugging  
Date Issued: 8/11/2025

# 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.
3. 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 03/24, 20 25  
2) Operator's  
Well No. Unknown DEP Plugging Contract 90219  
3) API Well No. 47-029 - 00151

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ☒ / Gas ☒ / Liquid injection \_\_\_\_ / Waste disposal \_\_\_\_ /  
(If "Gas, Production \_\_\_\_ or Underground storage \_\_\_\_) Deep \_\_\_\_ / Shallow ☒

5) Location: Elevation 1103 Watershed 05030101  
District Clay County Hancock Quadrangle East Liverpool South

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

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Strader Gower Name North Wind Response and Reclamation  
Address 601 57th Street Address 1425 Higham Street  
Charleston, WV 25304 Idaho Falls, ID 83402

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

See Attached

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Office Of Oil and Gas  
JUL 08 2025  
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

7/21/2025

08/15/2025

## Plugging Procedure

47-029-00151

Well # 90219

Farm Name: Burroughs Greg ET UX (JTWROS)

Elevation: 1103' (100' shallower than offset 00053)

Quad: East Liverpool South

District: Clay

County: Hancock

Casing Schedule: 7" casing visible at surface. Depths unknown.

### Offset 47-029-00053

8 1/4" @ 106' (no cement info)

6 5/8" @ 950' (no cement info)

Elevation @ 1203'

Salt Water @ 610'

TD @ 1350'

#### Notes:

- Class A or Class L Cement is to be used for all cement plugs.
- Attempt to pull all free casing. If casing is unable to be pulled, perforate at all gas, oil, coal, and water shows.
- 6% gel spacers between all plugs

#### Plugging Procedure

- 1) Notify WV State Inspector Strader Gower 48 hours prior to commencing plugging operations.
- 2) MIRU. RIH with wireline, record bottom of casing and TD. Contact State Inspector.
- 3) TIH with tubing to approx 1250'. Pump 20 bbls of gel. Set a 200' Class A/Class L Cement plug from 1250' to 1050' (bottom hole/elevation). TOOH with tubing. WOC. Tag TOF, top off with cement as needed.
- 4) TIH with tubing to approx 900'. Pump 5 bbls of gel. Set 100' plug covering the 6 5/8" casing seat. TOOH with tubing. WOC. Tag TOC, top off with cement as needed.
- 5) Attempt to locate free-point 6 5/8" casing. Cut and pull casing. Cover casing cut with 100' cement plug 50' and 50' out of cut. If casing is unable to be pulled, perforate casing in all fresh water, oil, gas, water shows.
- 6) TIH with tubing to 560'. Set 100' cement plug from 560' to 460' (salt water).
- 7) TIH with tubing to approx. 156'. Circulate cement to surface. TOOH with tubing.
- 8) Top off well, set monument, RDMO. Reclaim to WV DEP specs.

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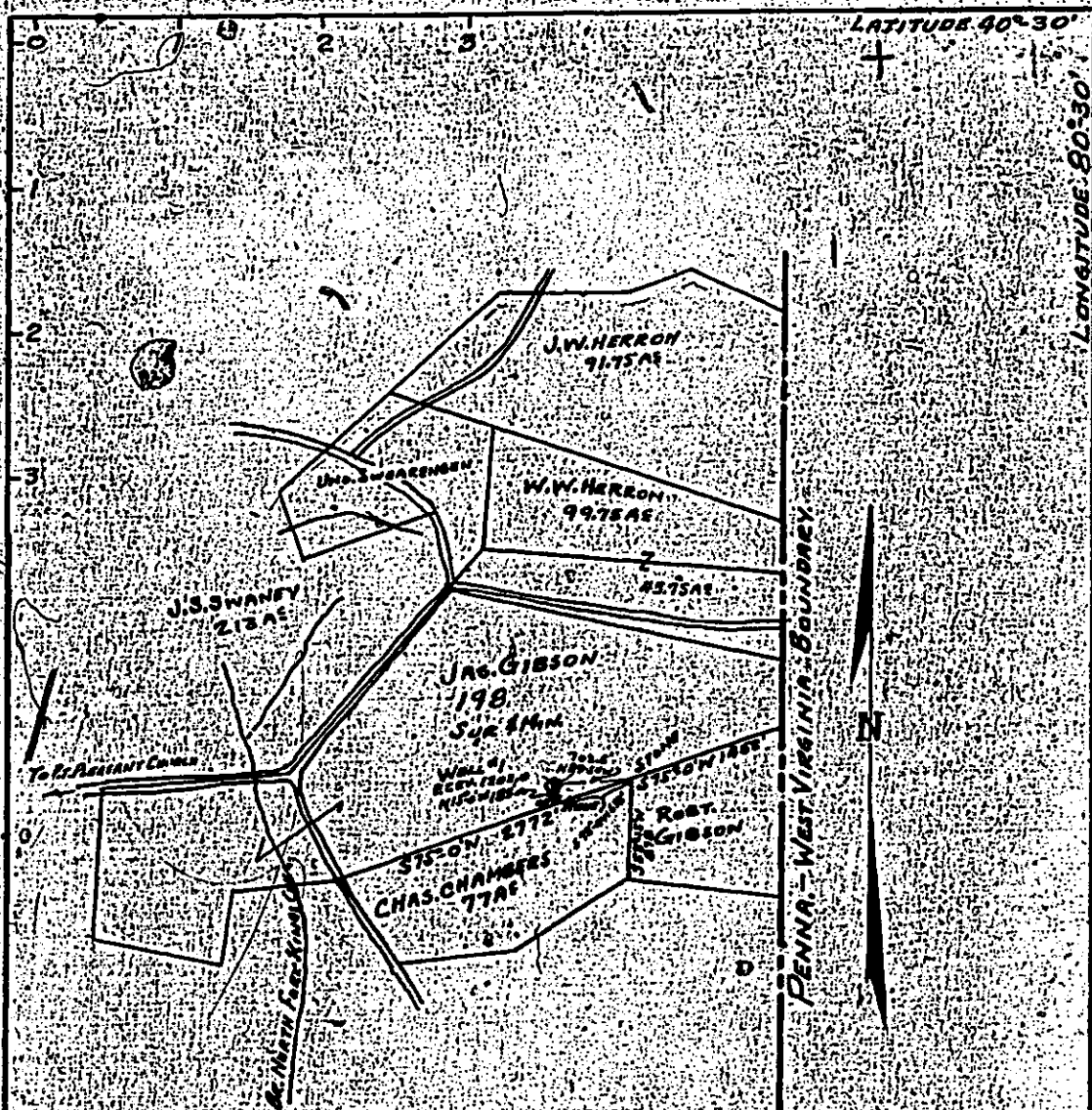
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*State Inspector*  
*STRADER GOWER*  
*7/21/2025*

08/15/2025





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79 2025

View of well location of  
this well is shown on map

New Location ☒  
Drill Deeper ☐  
Abandonment ☐

Company **CHAMBERS AND SON**  
Address **STEUBENVILLE, O**  
Farm **JAS. GIBSON**  
Tract \_\_\_\_\_ Acres **198** Lease No. \_\_\_\_\_  
Well (Farm) No. **1** Serial No. \_\_\_\_\_  
Elevation (Spirit Level) **1203.0**  
Quadrangle **STEUBENVILLE**  
County **HANCOCK** District **CLAY**  
Engineer **Frank H. Schumacher**  
Engineer's Registration No. **6635 (OHIO)**  
File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
Date **12-1-45** Scale **1"=1320'**

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

WELL LOCATION MAP  
FILE NO. HAN-53

+ Denotes location of well on United States  
Topographic Maps, scale 1 to 62,500, lat-  
itude and longitude lines being represented  
by border lines as shown.  
- Denotes one inch spaces on border line  
of original tracing.

08/15/2025



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. HAN-53

Oil or Gas Well

Company Chambers & Bom Oil Company  
Address 616 Market St., Steubenville, Ohio  
Farm James Gibson Acres 1.98

Location (waters) \_\_\_\_\_  
Well No. 1 Elev. 1203.00

District Clay County Hancock

The surface of tract is owned in fee by \_\_\_\_\_

Mineral rights are owned by \_\_\_\_\_

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_

Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

With \_\_\_\_\_

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Rock Pressure \_\_\_\_\_ lbs \_\_\_\_\_ Cu. Ft.

Oil \_\_\_\_\_ bbls. 1st 24 hrs.

Fresh water \_\_\_\_\_ feet

Salt water 610 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size	Conductor	8"	Kind of Packer
10			
12			
10			Size of
8 1/4	106	106	
6 3/4	950	950	Depth set
5 3/16			
4			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Sand and Shale (broken formation)			0	610	Water		
Salt Sand			610	730			
Shale and Lame			730	800			
Engin Sand			810	950			
Shale			950	1216			
Stray Sand			1216	1252			
Shale			1252	1314			
Top Berea			1314				
Total Depth				1350			

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WV Department of  
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PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

WORK ORDER PREPARED BY THE DEPARTMENT OF MINES.

Total Depth - 1350'

Fill with clay or other non-porous material 1350' - 1294'  
Heat cement 1294' - 1284'  
Drive wood plug 1284' - 1281' - sealing Berea Sand  
Continue to fill with clay 1281' - 970' - 20' below 6 1/2" casing  
Drive wood plug and pull 6 1/2" casing and as casing is lifted  
Continue to fill with clay 790' - 20' above Big Injun Sand  
Heat cement 790' - 780'  
Crushed stone 780' - 775'  
Continue to fill with clay 775' - 590'  
Heat cement 590' - 580' - sealing off Salt Sand and Water  
Crushed stone 580' - 575'  
Continue to fill with clay 575' - 136' - 30' below 8 1/2" casing  
Drive wood plug 136' - 133'  
Pull 8 1/2" casing  
Continue to fill with clay 133' to Surface

ERECT CONCRETE MARKER OVER THE HOLE AS DESCRIBED BY RULE 18 OF THE 1931 REGULATIONS.

To the Department of Mines, either the Coal Owner or Coal Operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this 20th day of February, 1946.

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date stated in the notice of intention to plug and abandon the said well on opposite side of this sheet.

Very truly yours,

Well Operator.

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this 20th day of February, 1946.

DEPARTMENT OF MINES  
Oil and Gas Division  
By: J. R. Jackson

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.

08/15/2025

WW-4A  
Revised 6-07

1) Date: 03/24/2025  
2) Operator's Well Number  
Unknown DEP paid Plugging Contract  
3) API Well No.: 47 - 029 - 00151

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 Greg Burroughs ET UX (JTWROS)	Name
Address 244 Oil Well Lane	Address
New Cumberland, WV 26047	
(b) Name	(b) Coal Owner(s) with Declaration
Address	Name
	Address
(c) Name	Name
Address	Address
6) Inspector	(c) Coal Lessee with Declaration
Address	Name
	Address
Telephone	

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 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.

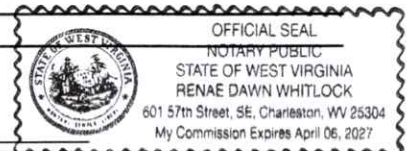
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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.

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WV Department of  
Environmental Protection

Well Operator Unknown - DEP Paid Plugging  
By: [Signature]  
Its: [Signature]  
Address [Signature]  
Telephone [Signature]



Subscribed and sworn before me this 14th day of July 2025  
[Signature] 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).

08/15/2025



9589 0710 5270 2905 6745 81

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

New Cumberland, WV 26047

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.01
<b>Total Postage and Fees</b>	<b>\$5.96</b>

Sent To  
 Greg Burroughs  
 Street and Apt. No., or PO Box No.  
 244 Oil Well Ln  
 City, State, ZIP+4®  
 New Cumberland, WV 26047

0277  
 67  
 Postmark  
 Here  
 07/08/2025

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

API: 47-029-00151

08/15/2025

WW-9  
(5/16)

API Number 47 - 029 - 00151  
Operator's Well No. Unknown DEP Paid Plugging Contract

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

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

Watershed (HUC 10) 05030101 Quadrangle East Liverpool South

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

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WV Department of  
Environmental Protection

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. \_\_\_\_\_

Additives to be used in drilling medium? N/A

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

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

-Landfill or offsite name/permit number? \_\_\_\_\_

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT 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 Allison Walker

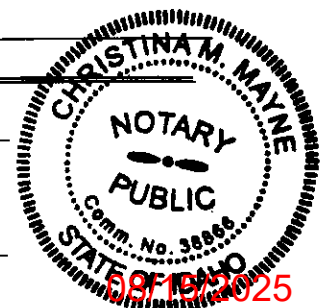
Company Official (Typed Name) Allison Walker

Company Official Title President

Subscribed and sworn before me this 3 day of July, 20 25

Christina M. Mayne Notary Public

My commission expires 2/16/28



Proposed Revegetation Treatment: Acres Disturbed 0.18 Prevegetation pH \_\_\_\_\_Lime 2-3 Tons/acre or to correct to pH \_\_\_\_\_Fertilizer type 10-10-20 or SimilarFertilizer amount 500 lbs/acreMulch Hay 2 Tons/acreSeed Mixtures**Temporary**

Seed Type lbs/acre

**Permanent**

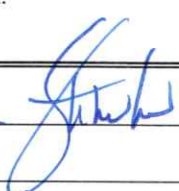
Seed Type lbs/acre

Tall Fescue 50

## 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: STRADER GOWER 

Comments: \_\_\_\_\_

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JUL 08 2025

WV Department of  
Environmental ProtectionTitle: Oil & Gas InspectorDate: 7/21/2025

Field Reviewed?

☒ Yes☐ No

08/15/2025





7/7/2025

Strader Gower  
WV Department of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304

SUBJECT: Class L Cement Waiver

Dear Mr. Gower:

North Wind Response and Reclamation is providing this letter to inform you that Class L Cement will be used in all plugging operations under Agency Purchase Order DEP2500000304 with the Department of Environmental Protection Office of Oil and Gas, for the following API numbers:

47-029-00144	47-029-00152	47-029-00159
47-029-00145	47-029-00153	47-029-00160
47-029-00146	47-029-00154	47-029-00161
47-029-00147	47-029-00155	47-029-00162
47-029-00148	47-029-00156	47-029-00163
47-029-00149	47-029-00157	47-029-00164
47-029-00151	47-029-00158	47-029-00165

Please feel free to reach out to me if you have any questions or concerns, at [greg.hunt@northwindgrp.com](mailto:greg.hunt@northwindgrp.com) or 541-944-5472.

Sincerely,

A handwritten signature in blue ink, appearing to read "Greg", is located to the right of the word "Sincerely,".

*Gregory W Hunt*

Greg Hunt

08/15/2025



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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, 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**

<b>IN THE MATTER OF A VARIANCE FROM</b>	)	
<b>LEGISLATIVE RULE 35CSR4</b>	)	<b>ORDER NO. 2022-13</b>
<b>SECTION 14.1. AND LEGISLATIVE RULE</b>	)	
<b>35CSR8 SECTION 20.1,</b>	)	
<b>RELATING TO THE CEMENTING</b>	)	
<b>OF OIL AND GAS WELLS</b>	)	

**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

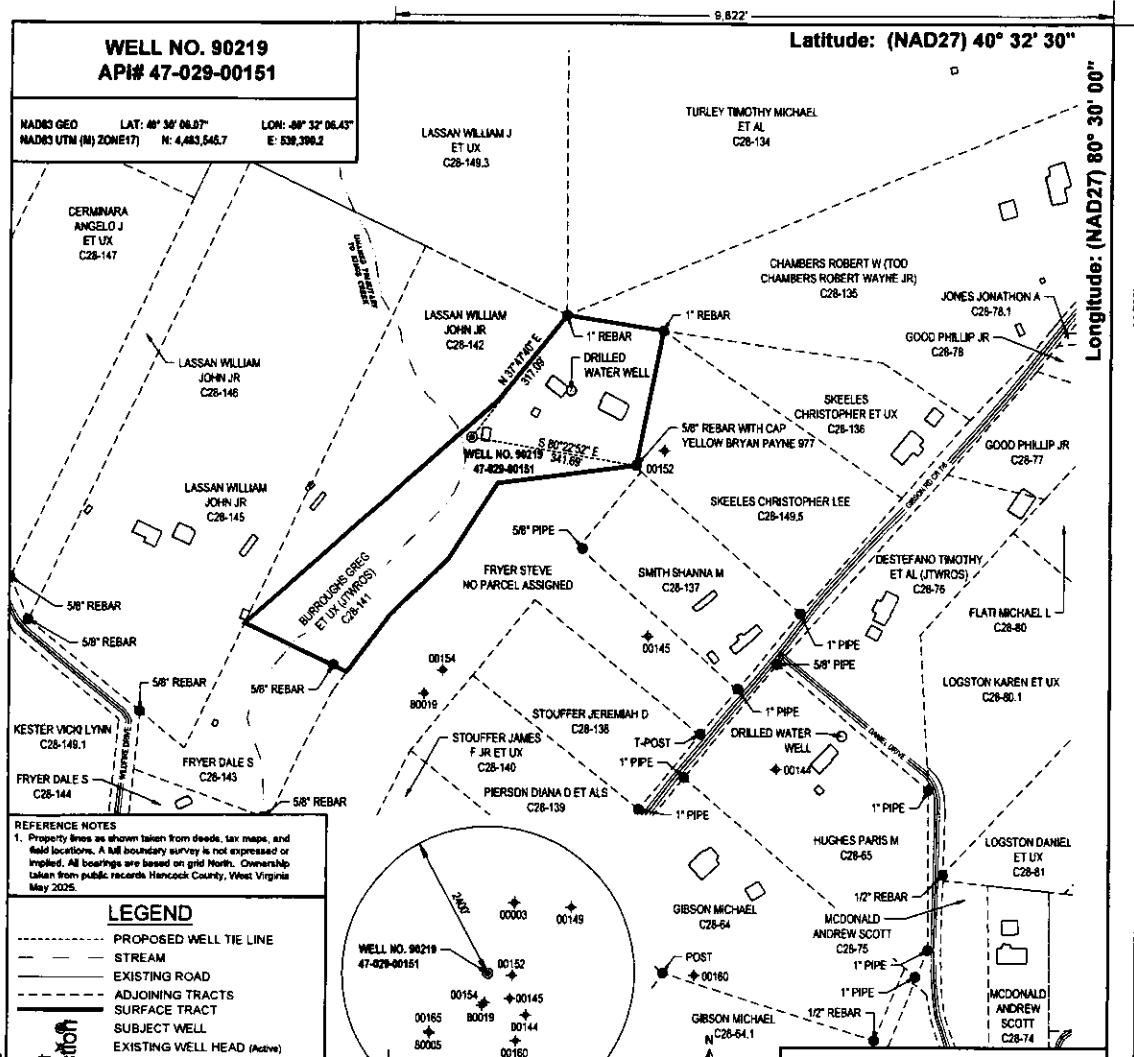
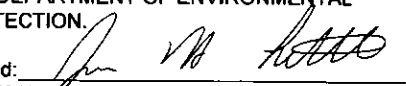
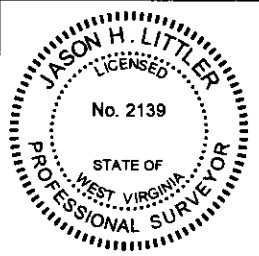
  
\_\_\_\_\_  
James Martin, Chief  
Office of Oil and Gas

08/15/2025

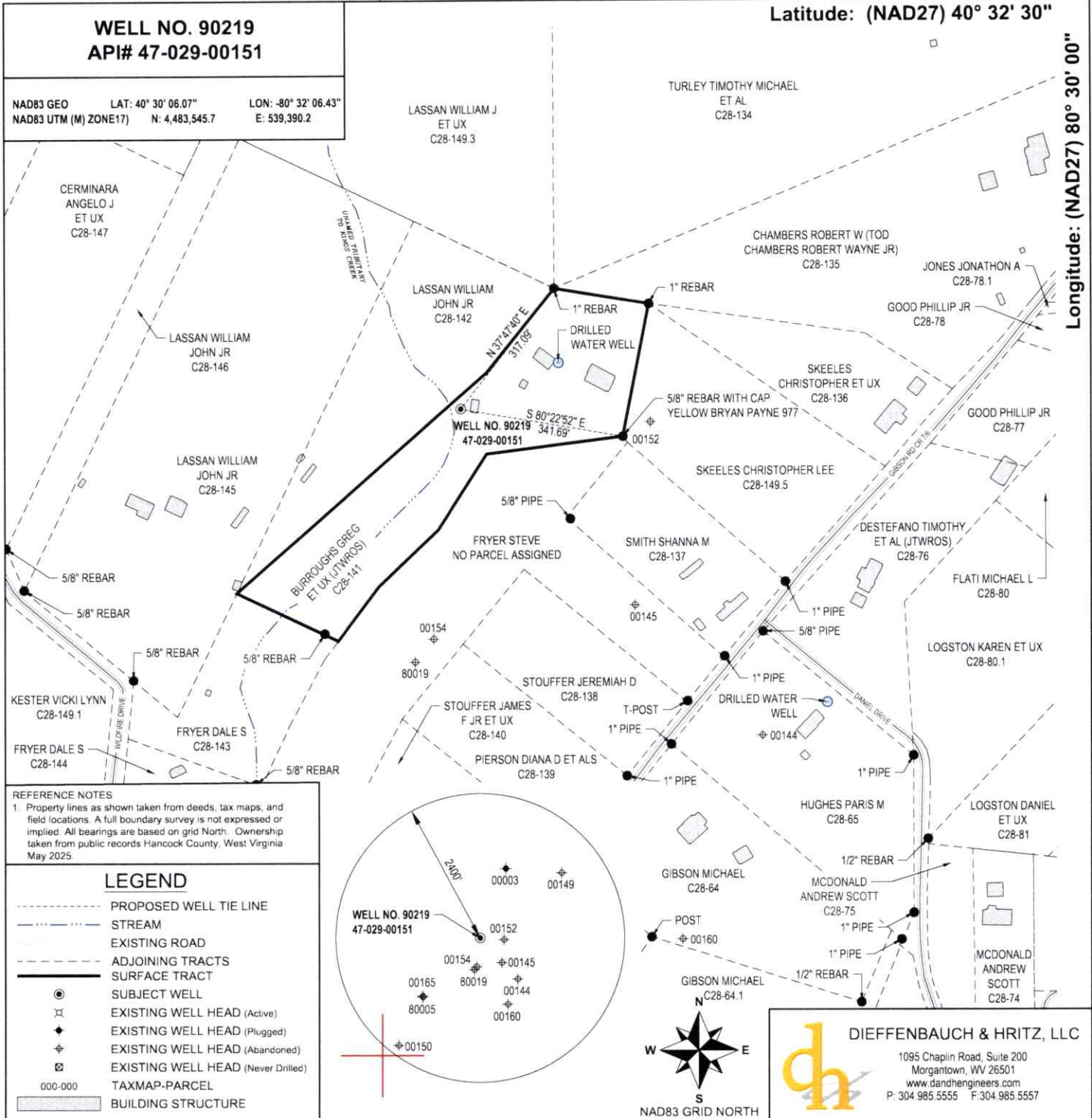


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Office Of Oil and Gas

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WELL NO. 90219 API# 47-029-00151		Latitude: (NAD27) 40° 32' 30"	
NAD83 GEO NAD83 UTM (N) ZONE17	LAT: 40° 30' 06.97" N: 4,483,545.7	LONG: -80° 32' 06.43" E: 538,398.2	
			
<b>REFERENCE NOTES</b> 1. Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Hancock County, West Virginia May 2025.			
<b>LEGEND</b> - - - PROPOSED WELL TIE LINE - - - STREAM - - - EXISTING ROAD - - - ADJOINING TRACTS - - - SURFACE TRACT - - - SUBJECT WELL - - - EXISTING WELL HEAD (Active) - - - EXISTING WELL HEAD (Plugged) - - - EXISTING WELL HEAD (Abandoned) - - - EXISTING WELL HEAD (Never Drilled) - - - TAXMAP-PARCEL - - - BUILDING STRUCTURE			
<b>FILED</b> 25195-001 SHEET # 1 of 1 SCALE: 1" = 300' TICK SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURACY: 1/2500		<b>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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.</b>  Signed:  P.S. #2139 Jason H. Littler, P.S.	
<b>PROVEN SOURCE OF ELEVATION:</b> NGS OPUS (ONLINE POSITIONING USER SERVICE)			
<b>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</b> WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304		DATE: MAY 29, 2025  OPERATOR'S WELL #: 90219  API WELL #: 47 029 00151 STATE COUNTY PERMIT	
Well Type: <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Waste Disposal <input type="checkbox"/> Production <input type="checkbox"/> Deep <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Liquid Injection <input type="checkbox"/> Storage <input checked="" type="checkbox"/> Shallow		ELEVATION: 1106'	
WATERSHED: KINGS CREEK		QUADRANGLE: EAST LIVERPOOL SOUTH	
COUNTY / DISTRICT: HANCOCK COUNTY / CLAY DISTRICT		ACREAGE: 4.45	
SURFACE OWNER: BURROUGHS GREG ET UX (JTWROS)		ACREAGE: N/A	
OIL & GAS ROYALTY OWNER: N/A			
<input type="checkbox"/> DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE SPECIFY: _____		ESTIMATED DEPTH: UNKNOWN	
TARGET FORMATION: UNKNOWN			
WELL OPERATOR: UNKNOWN WVDEP PAID PLUGGING CONTRACT		DESIGNATED AGENT: JASON HARMON, WVDEP	
ADDRESS: 601 57TH STREET		ADDRESS: 601 57TH STREET	
CITY: CHARLESTON STATE: WV ZIP: 25304 (WVDEP)		CITY: CHARLESTON STATE: WV ZIP: 25304	

08/15/2025



FILE#: 25195-001  
SHEET#: 1 of 1  
SCALE: 1" = 300'  
TICK SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE OF ELEVATION: NGS OPUS (ONLINE POSITIONING USER SERVICE)

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: P.S. #2139 Jason H. Littler, P.S.

DATE: MAY 29, 2025

OPERATOR'S WELL #: 90219

API WELL #: 47 029 00151  
STATE COUNTY PERMIT

ELEVATION: 1106'  
QUADRANGLE: EAST LIVERPOOL SOUTH  
ACREAGE: 4.45  
ACREAGE: N/A

WELL TYPE: ☒ Oil ☐ Waste Disposal ☐ Production ☐ Deep  
☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow

WATERSHED: KINGS CREEK  
COUNTY / DISTRICT: HANCOCK COUNTY / CLAY DISTRICT  
SURFACE OWNER: BURROUGHS GREG ET UX (JTWROS)  
OIL & GAS ROYALTY OWNER: N/A

DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE  
PLUG OFF FORMATION ☐ PERFORATE NEW FORMATION ☒ PLUG & ABANDON  
CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ SPECIFY:

TARGET FORMATION: UNKNOWN

ESTIMATED DEPTH: UNKNOWN

WELL OPERATOR: UNKNOWN WVDEP PAID PLUGGING CONTRACT  
ADDRESS: 601 57TH STREET  
CITY: CHARLESTON STATE: WV ZIP: 25304 (WVDEP)

DESIGNATED AGENT: JASON HARMON, WVDEP  
ADDRESS: 601 57TH STREET  
CITY: CHARLESTON STATE: WV ZIP: 25304

State of West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**Abandoned Well Inspection Form**

**I. Well Identification**      well score 45      well class 3      sub class 7

API Number: 47-02900151      Assigned Number: 90219

Well Operator: Unknown Operator

Farm/Landowner: BURROUGHS GREG ET UX (JTWROS)      Well Number: 90219

**II. Well Location**

Quad: EAST LIVERPOOL SOUTH      District: Clay      County: Hancock

Latitude: 40.501530      Longitude: -80.534769

**III. Impacts to public health or safety**

1. Does this well appear to be an immediate threat to human health or safety, i.e., sinkhole, explosion hazard, noxious gas/chemicals, unstable equipment? If yes, explain. NO ☒ YES ☐

*Note: An affirmative response to Question 1 results in an automatic Class 1 designation*


2. Does this well appear to be a potential (i.e., non-imminent) threat to human health or safety. If yes, explain. NO ☒ YES ☐

*Note: An affirmative response to this question results in an automatic Class 2 designation*


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**IV. Impacts to the environment**

3. Is this well leaking fluids (i.e., oil and/or saltwater) at the surface? Is leakage minor or significant? Check all that apply. If yes, explain, and include an estimate on the volume of fluids leaking.

NO ☒      OIL ☐      MINOR ☐      SIGNIFICANT ☐  
Yes ☐      SALTWATER ☐      MINOR ☐      SIGNIFICANT ☐

*Note: An affirmative response for significant leakage of any fluids for Question 3 results in an automatic Class 1 designation. Minor leakage results in a Class 2 designation.*


4. Is there evidence of contaminated soil around the wellhead? NO ☒ YES ☐  
If yes, explain and estimate the size of the impacted area.


5. If yes to question 3, has fluid leakage escaped the well location? NO ☒ YES ☐  
If yes, explain.

*Note: An affirmative response to Question 5 results in an automatic Class 1 designation*


6. Is there evidence of groundwater contamination within 1,000 ft of well. NO ☒ YES ☐  
If yes, explain.

*Note: An affirmative response to Question 6 will result in an automatic Class 1 designation*


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Rev: 09/2022

7. Is this well leaking gas? Is leakage minor or significant? Check all that apply. If yes, explain detection methodology and include gas detector make and model, if used. Note that any well exhibiting leaking methane is subject to contract methane quantification requirements.

NO ☒      METHANE ☐      MINOR ☐      SIGNIFICANT ☐  
Yes ☐      H<sub>2</sub>S ☐

*Note: An affirmative response for significant leakage of methane or any H<sub>2</sub>S for Question 7 results in an automatic Class 1 designation. Minor leakage of methane results in a Class 2 designation.*


8. Well condition, check all that apply. If yes, explain.

a. Severely deteriorated (or absent) surface casing:      NO ☒ YES ☐  
b. Severely deteriorated (or absent) production casing:      NO ☒ YES ☐

*Note: An affirmative response to both Questions 8a and 8b will result in an automatic Class 1 designation, otherwise Class 2.*


9. Approximate well dates (if known):

Activity	< 25 years	25 – 50 years	> 50 years	Approximate year
Well Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1929
Well Abandonment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1980

10. What is the approximate distance of the well to the nearest planned or active mineral development, check all that apply:

Mineral Resource	0 – 1000'	1000-2000'	>2,000'
a. Oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Gas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Coal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Limestone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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IR-9FWell Class: \_\_\_\_\_

Rev: 09/2022

*Note: The presence of planned or active mineral development within 1,000' of the subject well will result in an automatic Class 1 designation. Development within 2,000' of the subject well results in a Class 2 designation.*

11. What is the approximate distance of the well to the nearest water resource, check all that apply:

Water Resource	0 – 100'	100-500'	>500'	Identity
a. Drinking water	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Possible Water Well
b. River/stream	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c. Lake/Reservoir	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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12. Estimate number of people residing within 1,000' of the well location:

	0 – 20	> 20
a. Number of residents	<input checked="" type="checkbox"/>	<input type="checkbox"/>

13. Current land use (check all that apply):

AGRICULTURAL ☒ COMMERCIAL ☐ RECREATIONAL ☐ RESIDENTIAL ☐  
UNDEVELOPED ☐ OTHER:

14. Is there refuse or other debris on location? If yes, explain.

NO ☒ YES ☐


15. Is the well located in a disadvantaged community, as defined by CEJST

No ☒ Yes ☐

If yes identify all factors for which the community was flagged as disadvantaged (i.e, 90<sup>th</sup> percentile)

A. Climate change <input type="checkbox"/>				
B. Energy <input type="checkbox"/>				
C. Health <input type="checkbox"/>				
D. Housing <input type="checkbox"/>				

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IR-9FWell Class: \_\_\_\_\_

Rev: 09/2022

E. Legacy pollution ☐

--	--	--	--

F. Transportation ☐

--	--	--	--

G. Water and wastewater ☐

--	--	--	--

H. Workforce development ☐

--	--	--	--

**V. Inspection certification**

Inspection Date and Time: 

11/13/2024
------------

I hereby certify that all the information contained in this inspection report (or any other accompanying or required documents) is correct, accurate and complete to the best of my knowledge. I understand that the falsification, misrepresentation, or omission of any facts in said documents may be cause for non-payment under terms of the contract.

Signature: 

<i>Strader Gower</i>
----------------------

Printed Name: 

Strader Gower
---------------

Title: 

Oil & Gas Inspector
---------------------

Date: 

11/17/2024
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# NORTHWIND RESPONSE & RECLAMATION

7/3/2025

Strader Gower  
WV Department of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304

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SUBJECT: Notice of Application to Plug and Abandon a Well

Dear Mr. Gower:

Enclosed is the permit application for well API Number 47-029-00151 that North Wind Response and Reclamation plans to plug and abandon under Agency Purchase Order DEP2500000304 with the Department of Environmental Protection Office of Oil and Gas. This well is located on land of surface owner Greg Burroughs.

Please feel free to reach out to me if you have any questions or concerns, at [greg.hunt@northwindgrp.com](mailto:greg.hunt@northwindgrp.com) or 541-944-5472.

Sincerely,

*Gregory W. Hunt*

Greg Hunt

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

- ☒ WW-4B
- ☐ WW-4B signed by inspector
- ☒ WW-4A
- ☐ SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- ☐ COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- ☒ WW-9 PAGE 1 (NOTARIZED)
- ☒ WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- ☐ WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- ☒ RECENT MYLAR PLAT OR WW-7
- ☒ WELL RECORDS/COMPLETION REPORT
- ☐ TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- ☐ MUST HAVE VALID BOND IN OPERATOR'S NAME
- ☐ CHECK FOR \$100 IF PIT IS USED

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## SURFACE OWNER WAIVER

Operator's Well  
Number

Unknown DEP Paid Plugging Contract

### 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  
08/15/2025

WW-4B

API No. 47-029-00151

Farm Name \_\_\_\_\_

Well No. 90219

### 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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Environmental Protection

08/15/2025



Kennedy, James P &lt;james.p.kennedy@wv.gov&gt;

---

**plugging permits issued for 4702900154 00153 00152 00151 00149**

1 message

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

Mon, Aug 11, 2025 at 11:59 AM

To: Henry J Harmon &lt;henry.j.harmon@wv.gov&gt;, Strader C Gower &lt;strader.c.gower@wv.gov&gt;, Greg Hunt &lt;greg.hunt@northwindgrp.com&gt;, jalongi@assessor.state.wv.us

To whom it may concern, plugging permits have been issued for 4702900154 00153 00152 00151 00149.

--

***James Kennedy***

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas


601 57<sup>th</sup> Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

[james.p.kennedy@wv.gov](mailto:james.p.kennedy@wv.gov)

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**5 attachments** **4702900151.pdf**  
2485K **4702900149.pdf**  
2414K **4702900153.pdf**  
2730K **4702900154.pdf**  
2736K **4702900152.pdf**  
2918K**08/15/2025**