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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  
Not Available Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 30157  
47-029-00157-00-00

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: KEENAN LINDA KAY CARSON  
U.S. WELL NUMBER: 47-029-00157-00-00  
Not Available 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, 2025  
2) Operator's  
Well No. Unknown DEP Plugging Contract 30157  
3) API Well No. 47-029 - 00157

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 1264 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

47-029-00157

Well # 30157

Farm Name: Linda Kay Carsen ET AL LF EST John Leslie

Elevation: 1264'

Quad: East Liverpool South

District: Clay

County: Hancock

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

### Offset 47-029-00102

20' of conductor

300' of 9 5/8" CTS

1100' of 7" Cemented from 1100' to 800'

Elevation @ 1240'

Salt Water @ 700'

FW @ 200'

Coal @ 360'

TD @ 1364'

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### 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. TOOH with tubing.
- 3) RIH with wireline, record bottom of casing and TD.
- 4) TIH with tubing to approx 1364'. Pump 20 bbls of gel. Set a 200' Class A/Class L Cement plug from approx 1364' to 1164' (bottom hole/elevation/casing seat). TOOH with tubing. WOC. Tag TOF, 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 750'. Set 100' cement plug from 750' to 650' (salt water).
- 7) TOOH with tubing to 410'. Set 100' cement plug from 410' to 310', covering coal show.

*Strader Gower*  
STRADER GOWER  
7/21/2025  
08/15/2025





- 8) TOOH with tubing to approx. 250'. Circulate cement to surface. TOOH with tubing.
- 9) Top off well, set monument, RDMO. Reclaim to WV DEP specs.

*Shirley*  
GRADER LOWER  
7/21/2025

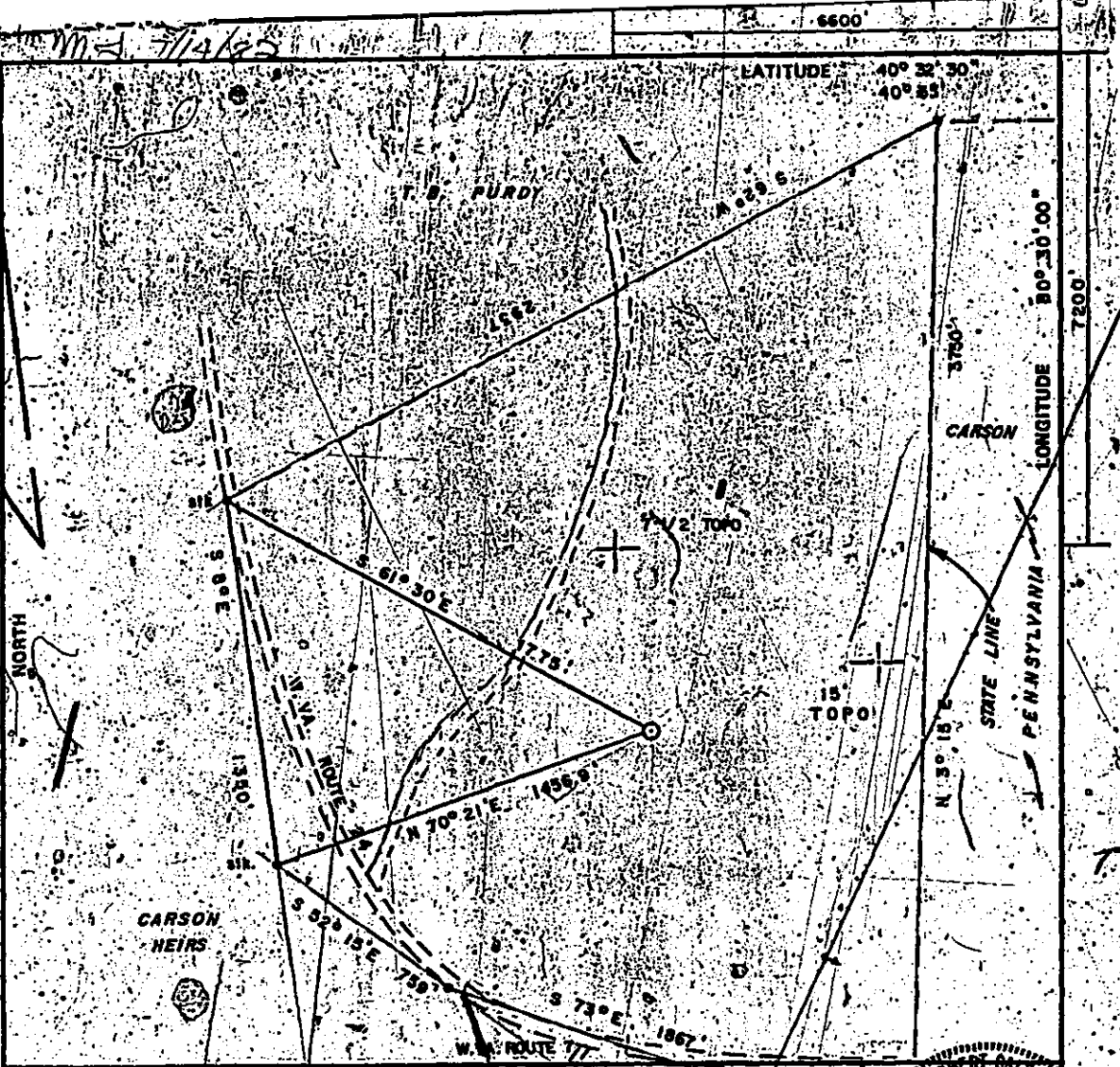
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Environmental Protection

08/15/2025

Hancock-102

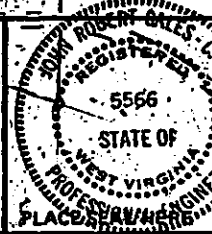
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FILE NO. 79-399-P.H.  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF  
ACCURACY 1/200  
PROVEN SOURCE OF  
ELEVATION STATE LINE MON. EL 1273  
1800' S.E. of SITE

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 REGU-  
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-  
MENT OF MINES.  
(SIGNED) *John Robert Gills*  
P.E. 5566 L.L.S.



(+) DENOTES LOCATION OF  
WELL ON UNITED STATES  
TOPOGRAPHIC MAPS  
FORM IV-6  
(8-78)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

DATE 7-1-82  
OPERATOR'S WELL NO. \_\_\_\_\_  
API WELL NO. \_\_\_\_\_  
47-029-0102  
STATE COUNTY PERMIT

WELL TYPE: OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL ☐  
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW  
LOCATION: ELEVATION 1240 WATER SHED OHIO RIVER  
DISTRICT CLAY COUNTY HANCOCK  
QUADRANGLE EAST LIVERPOOL SOUTH

SURFACE OWNER J.A. CARSON & S.H. CARSON Heirs ACREAGE 139  
OIL & GAS ROYALTY OWNER J.A. Carson & S.H. Carson Heirs LEASE ACREAGE 139  
LEASE NO. 358

PROPOSED WORK: DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR  
STIMULATE ☐ PLUG OFF OLD FORMATION ☐ PERFORATE NEW  
FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG ☐  
TARGET FORMATION *Gordon* ESTIMATED DEPTH 1650'  
WELL OPERATOR PATRICK G. HOSLER DESIGNATED AGENT PATRICK G. HOSLER  
ADDRESS BOX 191 ADDRESS BOX 191  
NEW CUMBERLAND, W.VA. 26047 NEW CUMBERLAND, W.VA. 26047



RECEIVED

APR 20 1983

RECEIVED

FEB 17 1984



OIL &amp; GAS DIVISION

DEPT. OF MINES

IV-35  
(Rev 8-81)

OIL &amp; GAS DIVISION

DEPT. OF MINES

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JUN 13 1984

OIL &amp; GAS DIVISION

DEPT. OF MINES

State of West Virginia

Department of Mines

Oil and Gas Division

Date 3/14/83

Operator's

Well No. 1

Farm Carson Heirs

API No. 47-029-0102

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ☒ / Gas ☐ / Liquid Injection ☐ / Waste Disposal ☐  
(If "Gas," Production ☐ / Underground Storage ☐ / Deep ☐ / Shallow ☐)LOCATION: Elevation: 1240 Watershed Ohio River  
District: Clay County Hancock Quadrangle East Liverpool South

COMPANY Patrick G. Hosler

ADDRESS Box 191, New Cumberland, W. Va.

DESIGNATED AGENT Same as above

ADDRESS

SURFACE OWNER, J.A. &amp; S.H. Carson Heirs

ADDRESS R.D. #3, Box 157, New Cumberland

MINERAL RIGHTS OWNER Same as above

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK Robert  
Lowther General Delivery  
ADDRESS Middlebourne, W. Va. 26149

PERMIT ISSUED 7/9/82

DRILLING COMMENCED 7/23/82

DRILLING COMPLETED 7/31/82

IF APPLICABLE: PLUGGING OF DRY HOLE OR  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON

Casing Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond. 4	20	20	
13-10"			
9 5/8	300'	300'	To Surface
8 5/8			
7	1100	1100	600' to 1100'
5 1/2			
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Berea Depth 1310 feet

Depth of completed well 1304 feet Rotary ☒ / Cable Tools

Water strata Depth: Fresh 200 feet; Salt 700 feet

Coal seam depths: 360 - Is coal being mined in the area? No

## OPEN FLOW DATA

Producing formation Berea

Pay zone depth 1310 feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 4 Bbl/d

Final open flow 0 Mcf/d Final open flow 5 Bbl/d

Time of open flow between initial and final tests 0 hours

Static rock pressure 0 psig (surface measurement) after 0 hours shut in

(If applicable due to multiple completion--)

Second producing formation Pay zone depth feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 0 Mcf/d Oil: Final open flow 0 Bbl/d

Time of open flow between initial and final tests 0 hours

Static rock pressure 0 psig (surface measurement) after 0 hours shut in

(Continue on reverse side)

08/15/2025

DETAILS OF PERFORATED INTERVALS, FRACURING OR STIMULATING, PHYSICAL CHANGE, ETC.

1310 TO 1330 Shot with Judy m. TE

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand Broken			0	25	
Clay Gray			25	42	
Red Rock			42	48	
Slate Gray			48	60	
Pink Rock			60	80	
Slate Gray			80	118	
Red Rock			118	145	
Slate Gray			145	170	
Sand			170	178	
Red Rock			178	195	
Slate Gray			195	236	
			236	237	Coal
Slate Black			238	238	
Slate Gray Dark			238	241	
Slate Black			241	278	
Slate Gray			278	288	
Pink Rock			288	385	
Slate Gray			385	395	
Sand Salt			395	442	
Slate Gray Dark			442	498	
			498	499	Coal
Clay			499	524	
Slate Gray			524	534	
Slate Black			534	548	
Clay			548	553	
Clay			553	570	
Slate Gray			570	590	
Sand Black			590	618	
Slate Gray			618	715	
Sand Broken			715	755	
Slate Gray			755	815	
Sand			815	853	
Slate Dark Gray			853	902	
Sand			902	959	
Slate Gritty Gray			959	1250	
Slate Black			1250	1270	
Slate Gray Gritty			1270	1290	
Sand			1290	1329	
Slate Gray			1329	1361	
			1361	1364	

INSUN FORMATION

BEREA FORMATION

(Attach separate sheets as necessary)

SLATE GRAY

CHALLENGE PETROLEUM INC

Well Operator

By: *Patricia L. Smith*

Date: 3/14/83

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including all encountered in the drilling of a well."

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 - 00157

**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 Linda Kay Carson Keenan ET AL Sub LF EST John Leslie Carson	Name
Address 1350 Barclay Hill Rd	Address
Beaver, PA 15009	
(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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Office Of Oil and Gas

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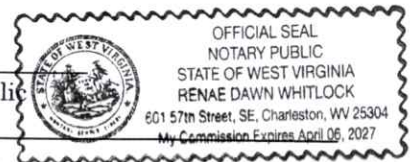
WV Department of  
Environmental Protection

Well Operator Unknown - DEP Plugging  
By: Jason Harmon  
Its: \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone \_\_\_\_\_

Subscribed and sworn before me this 14th day of July 2025

My Commission Expires April 6, 2027

Notary Public



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 6744 68

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For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®.	
Beaver, PA 15009	
Certified Mail Fee \$4.85	0277 67
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	\$4.10
<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	Postmark Here
Total Postage and Fees \$9.96	07/08/2025
Sent To Linda Kay Carson Keenan Street and Apt. No., or PO Box No. 1350 Barclay Hill Rd. City, State, ZIP+4® Beaver, PA 15009	
PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions	

API: 47-029-00157

08/15/2025



WW-9  
(5/16)

API Number 47 - 029 - 00157  
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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JUL 08 2025

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 WV Department of  
Environmental Protection

-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 J. Allison Walker

Company Official (Typed Name) Allison Walker

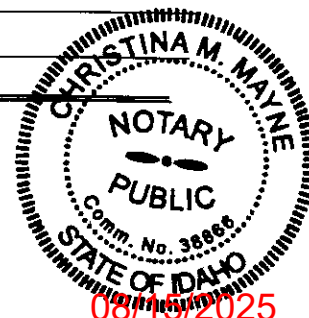
Company Official Title President

Subscribed and sworn before me this 3 day of July, 2025

Christina M Mayne

Notary Public

My commission expires 2/16/28



Proposed Revegetation Treatment: Acres Disturbed 0.15 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/acre**Seed Mixtures****Temporary****Permanent**

Seed Type lbs/acre

Seed Type

lbs/acre

Tall Fescue50

## 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 Protection

Title: 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,

*Gregory W Hunt*

Greg Hunt

A handwritten signature in blue ink, appearing to be "G. Hunt", located in the bottom right corner of the page.

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



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James Martin, Chief  
Office of Oil and Gas

08/15/2025



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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JUL 08 2025  
West Virginia Department of Environmental Protection

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WV Department of Environmental Protection

08/15/2025



7/3/2025

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

SUBJECT: Notice of Application to Plug and Abandon a Well

Dear Mr. Gower:

Enclosed is the permit application for well API Number 47-029-00157 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 Linda Kay Carson Keenan ET AL Sub LF EST John Leslie Carson.

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

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WV Department of  
Environmental Protection



## 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

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**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. 47-029-00157

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

Well No. 30157

## 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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WV Department of  
Environmental Protection

08/15/2025



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

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**plugging permits issued for 4702900155 00156 00157 00160 00164 00165**

1 message

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

Mon, Aug 11, 2025 at 2:05 PM

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

To whom it may concern, plugging permits have been issued for 4702900155 00156 00157 00160 00164 00165.

--

**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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**6 attachments****4702900155.pdf**  
2393K**4702900157.pdf**  
2593K**4702900164.pdf**  
2795K**4702900156.pdf**  
2818K**4702900160.pdf**  
2626K**4702900165.pdf**  
2469K**08/15/2025**