



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

Wednesday, August 20, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 90194
47-029-00158-00-00

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: 90194
Farm Name: HANCOCK COUNTY 4-H FOH
U.S. WELL NUMBER: 47-029-00158-00-00
Vertical Plugging
Date Issued: 8/20/2025

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

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 90164
3) API Well No. 47-029 - 00158

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 1128 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 25 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

Strader Gower

Date

8/19/2025

08/22/2025

Plugging Procedure

47-029-00158

Well # 90194

Farm Name: Hancock County 4-H Foundation

Elevation: 1128'

Quad: East Liverpool South

District: Clay

County: Hancock

Casing Schedule: Rods, 2 3/8" and 6 5/8" visible at surface. Depths unknown.

Offset 47-029-00056

10' of 10"

260' of 8 1/4"

1026' of 6 5/8"

Elevation @ 1171.9'

FW @ 100'

TD @ 1370'

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 1370'. Pump 20 bbls of gel. Set a 292' Class A/Class L Cement plug from approx 1370' to 1078' (bottom hole/elevation). TOOH with tubing. WOC. Tag TOF, top off with cement as needed.
- 5) TIH with tubing to approx 1076'. Pump 5 bbls of gel. Set 100' plug from 1076' to 976', covering the 6 5/8" casing seat. TOOH with tubing. WOC. Tag TOC, top off with cement as needed.
- 6) 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.
- 7) TIH with tubing to 200'. Circulate cement to surface. TOOH with tubing.
- 8) Top off well, set monument, RDMO. Reclaim to WV DEP specs.

Strader Gower

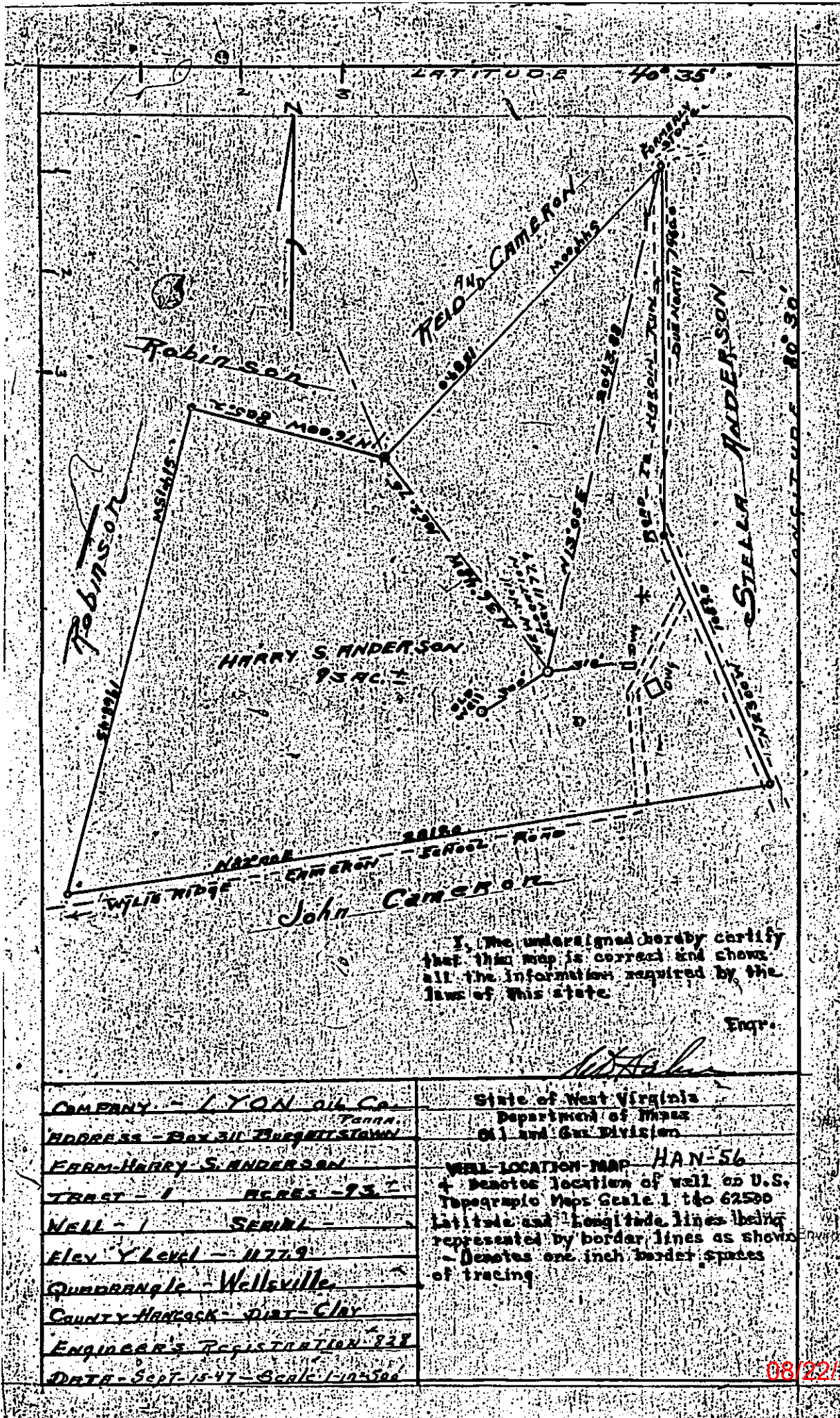
8/19/2025

08/22/2025

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State of Oil and Gas

JUL 25 2025

Department of
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08/22/2025



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. HAN 56

Oil or Gas Well Oil
(Kind)

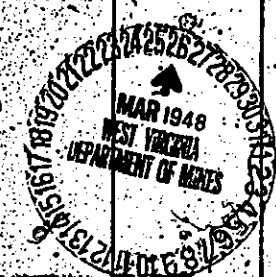
Company Ivon Oil Company
Address Box 311, Burgettstown, Penna.
Farm Harry Anderson Acres 2.3
Location (waters) Kings Creek
Well No. No. 1 Elev. 1127.9
District Clay County Hancock
The surface of tract is owned in fee by Harry Anderson
Address New Cumberland
Mineral rights are owned by Same W. Va. Address

Drilling commenced November 5, 1947
Drilling completed March 19, 1948
Date Shot 3/22/48 From 1357 To 1361
With Glycerine
Open Flow 10ths Water in Inch
Dry /10ths Merc. in Inch
Volume None Cu. Ft.
Rock Pressure None lbs. hrs.
Oil None bbls. 1st 24 hrs.
Fresh water 100 feet
Salt water None feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
12			
10	10		Size of
8 1/2	260		
8 1/4	1026		Depth set
5 3/16			
2	0		Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale	Brown	Soft	10 Ft.	90			
Sand	White	Soft	90 Ft.	100	Water		
Shale	Brown	Hard	100	500			
Sand	White	Hard	500	627			
Shale	Brown	Hard	627	945			
Sand	White	Hard	945	1000			
Shale	Brown	Hard	1000	1270			
Sand	White	Hard	1270	1310			
Shale	Black	Soft	1310	1353			
Sand	White	Hard	1353	1370			



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Office of Oil and Gas

JUL 25 2025

WV Department of
Environmental Protection

08/22/2025

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 - 00158

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

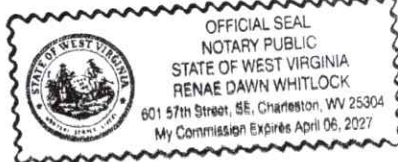
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Hancock County 4-H Foundation</u>	Name <u></u>
Address <u>271 Camp Aura LN</u>	Address <u></u>
<u>New Cumberland, WV 26047</u>	
(b) Name <u></u>	(b) Coal Owner(s) with Declaration
Address <u></u>	Name <u></u>
	Address <u></u>
(c) Name <u></u>	Name <u></u>
Address <u></u>	Address <u></u>
6) Inspector <u></u>	(c) Coal Lessee with Declaration
Address <u></u>	Name <u></u>
Telephone <u></u>	Address <u></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 describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



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

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Office of Oil and Gas
JUL 25 2025
WV Department of
Environmental Protection

Subscribed and sworn before me this 28th 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.

08/22/2025

0959 1855 0000 0090 9102

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
New Cumberland, WV 26047	
Certified Mail Fee	\$5.30
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	\$1.07
Total Postage and Fees	\$10.77
Sent To Hancock County 4H Foundation Street and Apt. No., or PO Box No. 271 Camp Aura Ln City, State, ZIP+4® New Cumberland, WV 26047	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

API # 47-029 -00158

08/22/2025

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 _____)

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

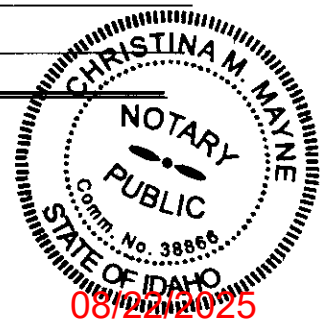
Company Official (Typed Name) Allison Walker

Company Official Title President

Subscribed and sworn before me this 23 day of July, 20 25

Christina M. Mayne Notary Public

My commission expires 2/16/28





7/7/2025

Strader Gower
WV Department of Environmental Protection
Office of Oil and Gas
601 57th 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 or 541-944-5472.

Sincerely,

Greg Hunt

Strader Gower
8/19/2025

08/22/2025



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)	ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE)	
35CSR8 SECTION 20.1,)	
RELATING TO THE CEMENTING)	
OF OIL AND GAS WELLS)	

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.

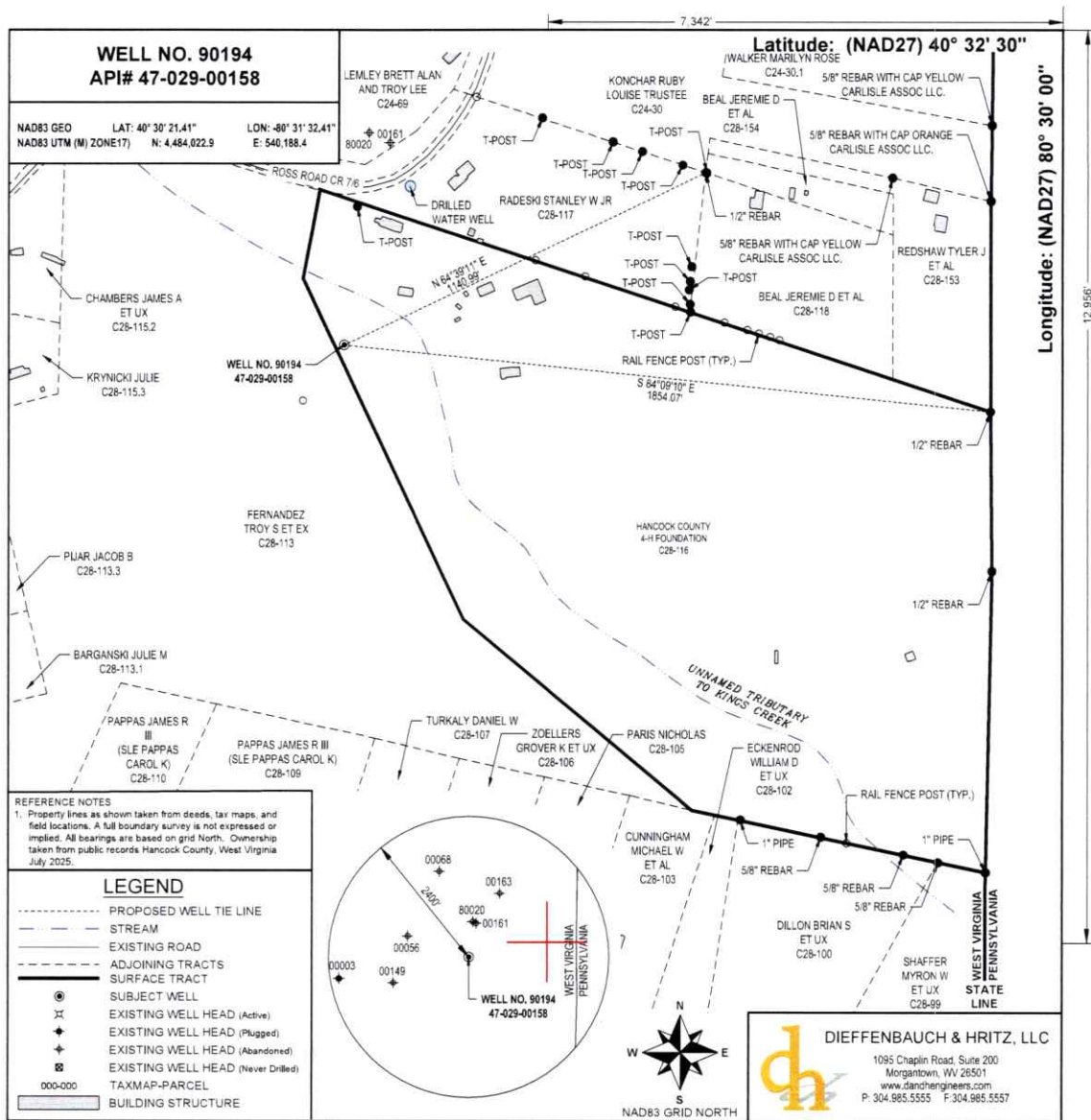
IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief
Office of Oil and Gas

08/22/2025

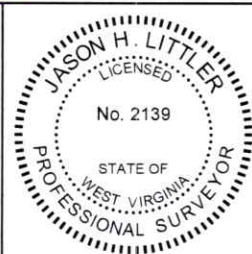


FILE#: 25195-001
SHEET#: 1 of 1
SCALE: 1" = 400'
TICK SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/2500

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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: JULY 3, 2025
OPERATOR'S WELL #: 90194
API WELL #: 47 029 00158
STATE COUNTY PERMIT

Well Type: ☒ Oil ☐ Waste Disposal ☐ Production ☐ Deep
☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow
WATERSHED: KINGS CREEK
COUNTY / DISTRICT: HANCOCK COUNTY / CLAY DISTRICT
SURFACE OWNER: HANCOCK COUNTY 4-H FOUNDATION
OIL & GAS ROYALTY OWNER: N/A

ELEVATION: 1115'
QUADRANGLE: EAST LIVERPOOL SOUTH
ACREAGE: 48.67
ACREAGE: 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

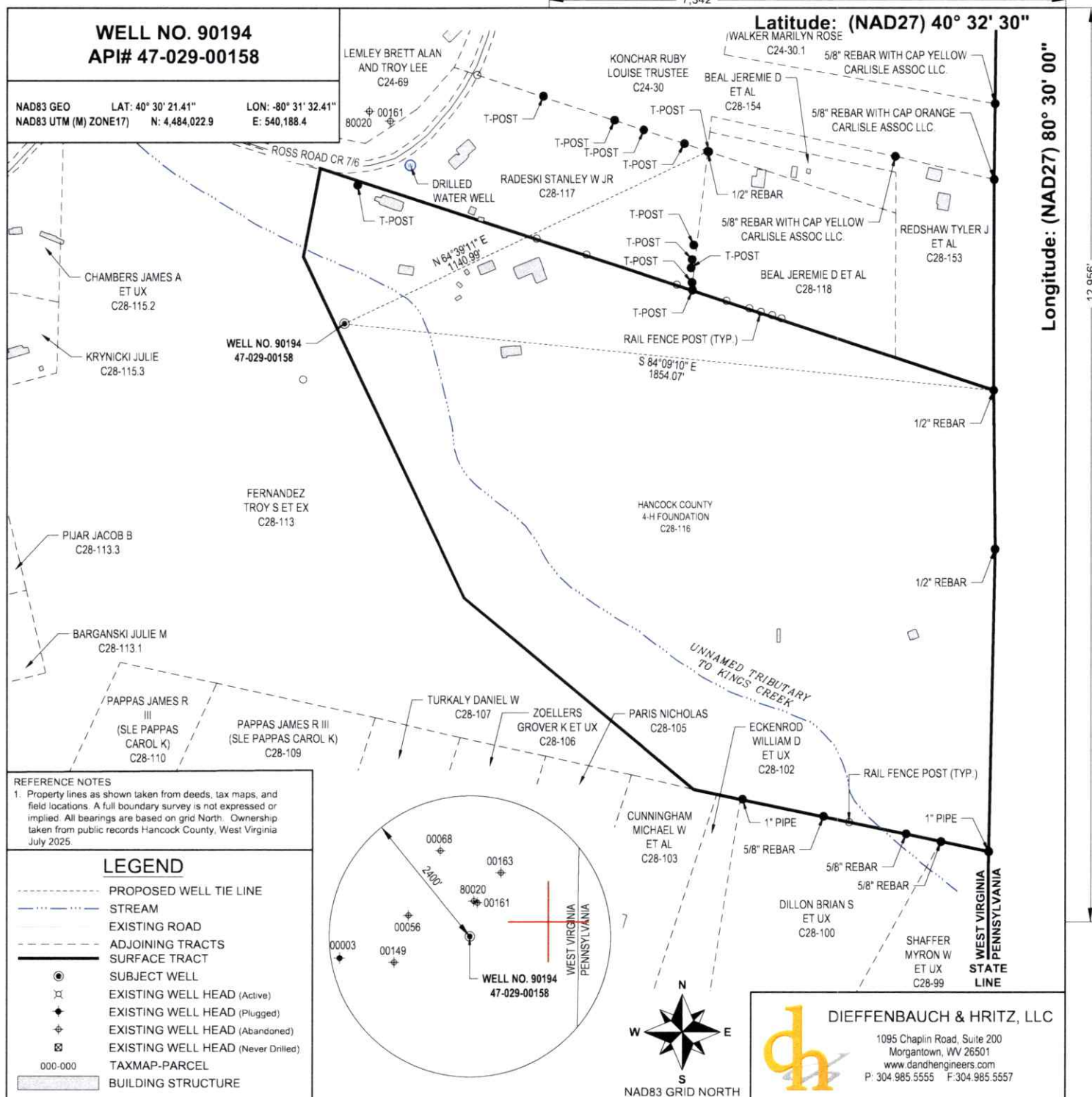
WELL OPERATOR: UNKNOWN WVDEP PAID PLUGGING CONTRACT
ADDRESS: 601 57TH STREET
CITY: CHARLESTON STATE: WV ZIP: 25304 (WVDEP)
DESIGNATED AGENT: JASON HARMON, WVDEP
ADDRESS: 601 57TH STREET
CITY: CHARLESTON STATE: WV ZIP: 25304

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Department of Environmental Protection

08/22/2025



FILE#:	25195-001
SHEET#:	1 of 1
SCALE:	1" = 400'
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: Jason H. Littler
P.S. #2139 Jason H. Littler. P.S.



(+) DENOTES LOCATION OF WELL ON
UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: JULY 3, 2025

OPERATOR'S WELL #: 90194

API WELL #: 47 029 00158
STATE COUNTY PERMIT

Well Type: ☒ Oil ☐ Waste Disposal ☐ Production ☐ Deep
☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow

WATERSHED: KINGS CREEK
COUNTY / DISTRICT: HANCOCK COUNTY / CLAY DISTRICT
SURFACE OWNER: HANCOCK COUNTY 4-H FOUNDATION
OIL & GAS ROYALTY OWNER: N/A

ELEVATION: 1115'
QUADRANGLE: EAST LIVERPOOL SOUTH
ACREAGE: 48.67 08/22/2025
ACREAGE: 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 well class sub class

API Number: Assigned Number:

Well Operator:

Farm/Landowner: Well Number:

II. Well Location

Quad: District: County:

Latitude: Longitude:

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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WV Department of
Environmental Protection

08/22/2025

IR-9FWell Class: _____

Rev: 09/2022

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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JUL 25 2025

WV Department of
Environmental Protection
08/22/2025

IR-9FWell Class: _____

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 ☐ H₂S ☐

Note: An affirmative response for significant leakage of methane or any H₂S 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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Wy Department of
Environmental Protection

08/22/2025

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"/>	

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, 90th percentile)

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

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08/22/2025

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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:

Strader Gower

Printed Name:

Strader Gower

Title:

Oil & Gas Inspector

Date:

11/17/2024

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WV Department of
Environmental Protection

08/22/2025

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 1570'

Fill with red clay from bottom 1570' - 1050' - 24" below 6-5/8" casing
Heat Cement 1050' - 1040'
5' crushed stone on cement plug

FULL 6-5/8" casing

SET A PERMANENT BRIDGE AT 300'

2 sacks neat cement and 5' crushed stone on bridge

FULL 8-1/4" casing and
Fill with clay to surface

Erect marker such as is described in Rule 18, 1931 Regulations.

To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

Gentlemen:

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

day of MARCH, 1948

DEPARTMENT OF MINES
Oil and Gas Division

By:

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.

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Office of Oil and Gas

JUL 25 2025

WV Department of
Environmental Protection



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
	<u>Lyon Oil Company</u>
ADDRESS	COMPLETE ADDRESS
	<u>Box 511, Burgettstown, Pa.</u>
COAL OPERATOR OR COAL OWNER	WELL TO BE ABANDONED
	<u>March 24, 1948</u> 194
ADDRESS	District
	<u>Clay</u>
LEASE OR PROPERTY OWNER	County
	<u>Hancock</u>
	Well No. <u>ONE</u>
ADDRESS	Farm
	<u>Harry Anderson</u>

NOTIFY INSPECTOR OLIVER W. LINEBERG -- MORGANTOWN -- TELEPHONE 3967

Gentlemen:--

24 HOURS IN ADVANCE OF PLUGGING DATE.

The undersigned well operator is about to abandon the above described well and will commence

the work of plugging and abandoning said well on the 1st day of April, 1948,
(which date shall not be less than five days after the day on which this notice so mailed is received,
or in due course should be received by the Department of Mines.)

This notice is given 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
represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said
well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the
reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the
above date.

Very truly yours,

Lyon Oil Company

Secretary

Well Operator.

NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a competent
engineer, showing the district and county in which the tract of land is located, the name and acreage of same,
the names of the owners and adjacent tracts, and the location of the about to be abandoned well, determined
by survey, and the courses and distances of such well from two permanent points or landmarks on said tract, shall
be submitted with this notice.

(Over)

HAN 56-P

Permit Number

08/22/2025

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JUL 25 2025

Department of
Environmental Protection

INSPECTOR'S PLUGGING REPORT

08/22/2025



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

NONE
COAL OPERATOR OR COAL OWNER
ADDRESS
NONE
COAL OPERATOR OR COAL OWNER
ADDRESS
LYON OIL COMPANY
NAME OF WELL OPERATOR
BOX 311, BURGESSTOWN, PENNA.
COMPLETE ADDRESS
SEPTEMBER 30, 1947
PROPOSED LOCATION
CLAY District
HANGCOCK County
HARRY ANDERSON
OWNER OF MINERAL RIGHTS
R. D. NEW CUMBERLAND, W. VA.
ADDRESS
HARRY ANDERSON Farm
Well No. ONE (1) 40° 35' 20' 30"

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated AUGUST 18, 1947, made by HARRY ANDERSON, to LYON OIL COMPANY, and recorded on the 30 day of September, 1947, in the office of the County Clerk for said County in Book 1, page 163.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

LYON OIL COMPANY

WELL OPERATOR

Box 311

STREET

Burgessstown

CITY OR TOWN

Pennsylvania

STATE

*Section 3 . . . If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.



AMBERT PRINTING COMPANY, CHARLESTON, W. VA.

HAN-56

PERMIT NUMBER

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Office of Oil and Gas

25 2025

Department of
Environmental Protection

08/22/2025

56

WW-4B

API No. 47-029-00158

Farm Name _____

Well No. 90194

**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: _____

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Office of Oil and Gas

By: _____

Its _____ JUL 25 2025

West Virginia Department of
Environmental Protection

08/22/2025

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 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..."

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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

08/22/2025

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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WV Department of
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08/22/2025



7/16/2025

Strader Gower
WV Department of Environmental Protection
Office of Oil and Gas
601 57th 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 47-029-00158 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 Hancock County 4-H Foundation.

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

Sincerely,

Gregory W Hunt

Greg Hunt

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JUL 25 2025

WV Department of
Environmental Protection



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

plugging permits issued 4702900163 00162 00161 00159 00158

1 message

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

Wed, Aug 20, 2025 at 9:31 AM

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

To whom it may concern, plugging permits have been issued for 4702900163 00162 00161 00159 00158.

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

5 attachments**4702900163.pdf**
2917K**4702900161.pdf**
2899K**4702900162.pdf**
2886K**4702900158.pdf**
2916K**4702900159.pdf**
2675K**08/22/2025**