



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

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 1
47-029-00156-00-00

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: RITER WILLIAM N ET UX
U.S. WELL NUMBER: 47-029-00156-00-00
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

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 90161
3) API Well No. 47-029 - 00156

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 1244 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

47-029-00156

Well # 90161

Farm Name: Ritter William ET UX

Elevation: 1244'

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.

Stake Gower
STRADER GOWER
7/21/2025

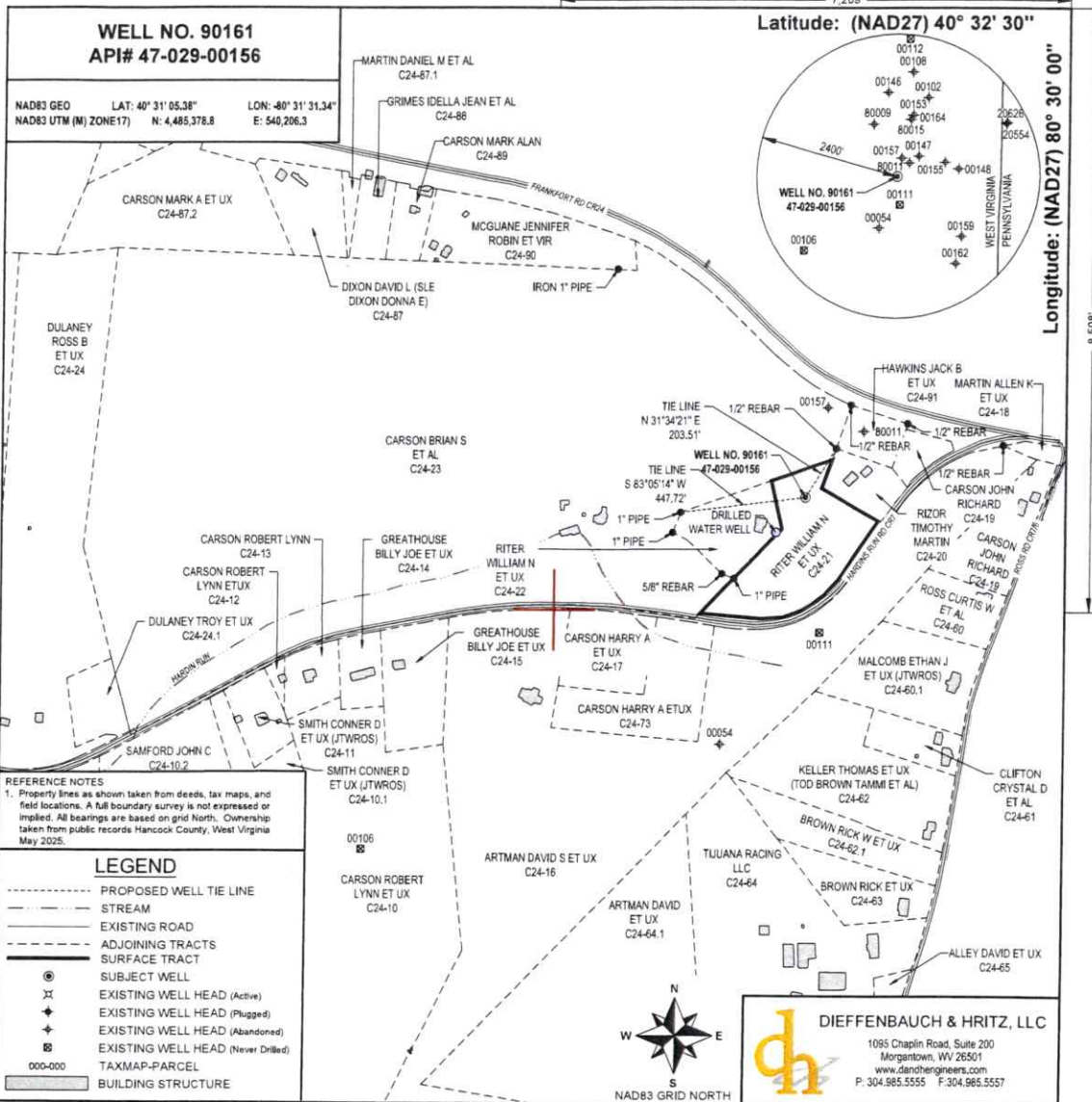
08/15/2025

- 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.

John C. Smith
STRAIGHT
7/21/2025

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WV Department of
Environmental Protection

08/15/2025

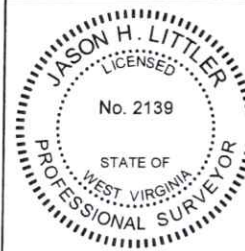


FILE#: 25195-001
SHEET#: 1 of 1
SCALE: 1" = 500'
TICK SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/2500

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: MAY 29, 2025

OPERATOR'S WELL #: 90161

API WELL #: 47 029 00156
STATE COUNTY PERMIT

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

WATERSHED: HARDIN RUN - OHIO RIVER

COUNTY / DISTRICT: HANCOCK COUNTY / CLAY DISTRICT

SURFACE OWNER: RITER WILLIAM N ET UX

OIL & GAS ROYALTY OWNER: N/A

ELEVATION: 1240'

QUADRANGLE: EAST LIVERPOOL SOUTH

ACREAGE: 3.727

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

WV Department of
Environmental Protection

JUL 08 2025

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Office Of Oil and Gas

08/15/2025

Hancock-102

08/15/2025

(Reverse)

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Robert Chisler

Address P. O. Box 101

Pentress, W. Va.

GEOLOGICAL TARGET FORMATION Gordon

Estimated depth of completed well 1650 feet. Rotary ☒ Cable tools ☐

Approximate water strata depths: Fresh, 170 feet; salt, 600 feet.

Approximate coal seam depths: 400

Is coal being mined in this area: Yes ☐ No ☒

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS	PACKERS
	Size	Grade	per ft.	New Used	For Drill	Left in Well		
Conductor	12				20'		10 Sacks	Kinds
Fresh water	9 5/8				300'		60 Sacks	
Coal	7"				1300'			Sizes
Intermed.								
Production	7 3/8				1640'			Depths set
Tubing	2 3/8				1640'			
Liners								Perforations:
								Top Bottom
								1360 1630

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code 822-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code 822-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code 822-4-12a, and (v) if applicable, the consent required by Code 822-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

Well will be fractured and notification as to what is done will be sent to

THIS PERMIT MUST BE POSTED AT THE WELL SITE

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 3-16-83

BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 822-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

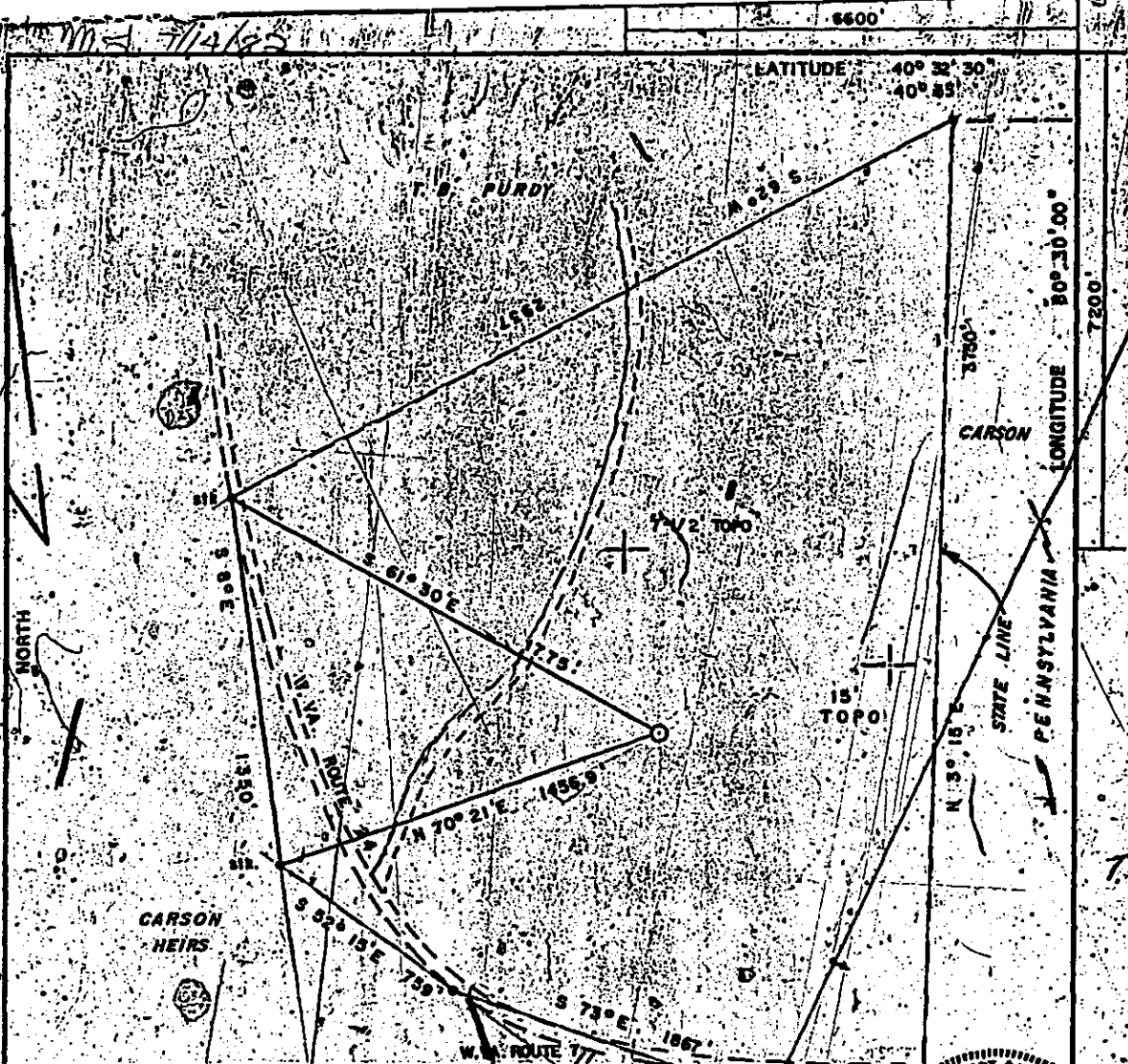
The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19

By:

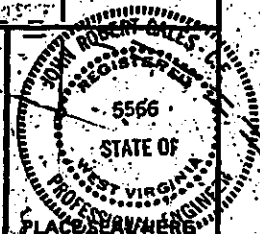
Its

08/15/2025



FILE NO. 79-399-PH
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
(8-79)



DATE 7-6-82
OPERATOR'S WELL NO. 1
API WELL NO. 47-029-0102
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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 ☐ REGRILL ☐ 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

08/15/2025

RECEIVED

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APR 20 1983

FEB 17 1984



OIL & GAS DIVISION

DEPT. OF MINES

IV-35

(Rev 8-81)

RECEIVED

JUN 13 1984

OIL & GAS DIVISION

DEPT. OF MINES

OIL & 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 X / 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. & 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	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond. 4	20	20	
23-10"			
9 5/8	300'	300'	To Surface
8 5/8			
7	1100	1100	800' 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 Mcf/d Oil: Initial open flow Bbl/d

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

Time of open flow between initial and final tests 0 hours

Static rock pressure 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)

CHALLENGE PETROLEUM INC

Well Operator

By: *Patricia L. Hahn*

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."

1) Date: 03/24/2025

2) Operator's Well Number
Unknown DEP paid Plugging Contract

3) API Well No.: 47 - 029 - 00156

4) Surface Owner(s) to be served: (a) Name _____ Address _____ _____	5) (a) Coal Operator Name _____ Address _____ _____
(b) Name _____ Address _____ _____	(b) Coal Owner(s) with Declaration Name _____ Address _____ _____
(c) Name _____ Address _____ _____	Name _____ Address _____ _____
6) Inspector Address _____ _____	(c) Coal Lessee with Declaration Name _____ Address _____ _____
Telephone _____ _____	

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
RENAE DAWN WHITLOCK
601 57th Street, SE, Charleston, WV 25304
My Commission Expires April 06, 2027

08/15/2025

9589 0710 5270 2905 6744 99

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	\$4.85
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
Total Postage and Fees	\$9.96

0277
67

Postmark
Here

07/08/2025

Sent To
 William N Riter
 Street and Apt. No., or PO Box No.
 3832 Frankfort Rd.
 City, State, ZIP+4®
 New Cumberland, WV 26047

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

API: 47-029-00156

08/15/2025

WW-9
(5/16)

API Number 47 - 029 00156
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
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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 J Allison Walker

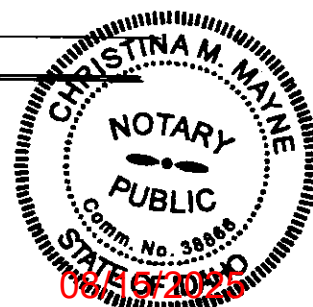
Company Official (Typed Name) Allison Walker

Company Official Title President

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

Christina M. Mayne Notary Public

My commission expires 2/14/28



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****Permanent**

Seed Type lbs/acre

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 LOWER 

Comments: _____

Title: Oil & Gas InspectorDate: 7/21/2025

Field Reviewed?

☒ Yes☐ No

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JUL 08 2025
WV Department of
Environmental Protection

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Office of Oil and Gas
JUL 08 2025
WV Department of
Environmental Protection
08/15/2025



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,

Gregory W Hunt

Greg Hunt

A handwritten signature in blue ink, consisting of the letters "G" and "H" in a stylized, cursive-like font.



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.

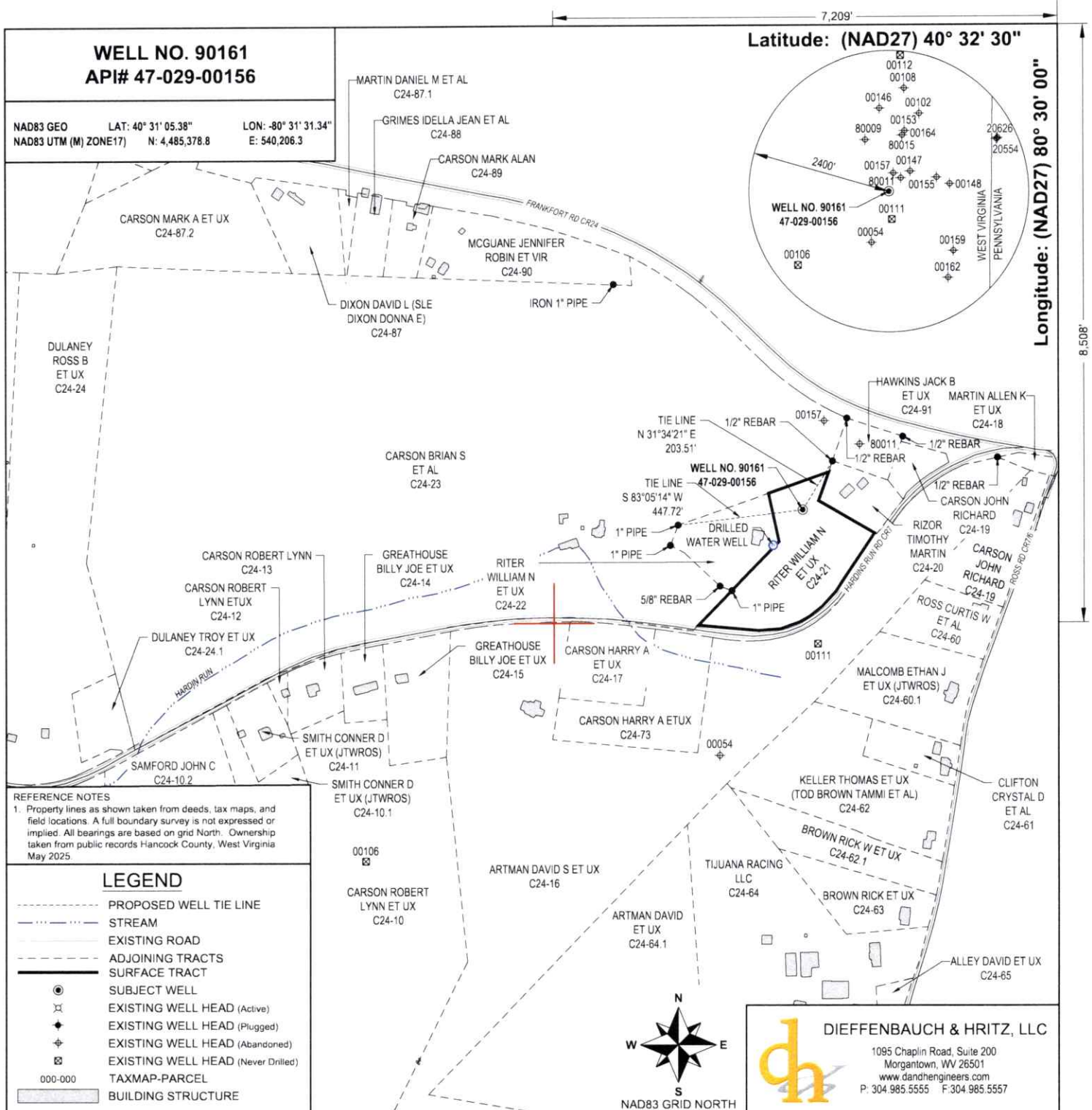
IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief
Office of Oil and Gas

08/15/2025



FILE#: 25195-001

SHEET#: 1 of 1

SCALE: 1" = 500'

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.



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



DATE: MAY 29, 2025

OPERATOR'S WELL #: 90161

API WELL #: 47 029 00156
STATE COUNTY PERMIT

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

WATERSHED: HARDIN RUN - OHIO RIVER

COUNTY / DISTRICT: HANCOCK COUNTY / CLAY DISTRICT

SURFACE OWNER: RITER WILLIAM N ET UX

OIL & GAS ROYALTY OWNER: N/A

ELEVATION: 1240'

QUADRANGLE: EAST LIVERPOOL SOUTH

ACREAGE: 3.727

ACREAGE: N/A

08/15/2025

☐ 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



7/3/2025

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 47-029-00156 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 William N Riter.

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

RECEIVED
Office Of Oil and Gas
JUL 08 2025
WV Department of
Environmental Protection

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

08/15/2025

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

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- ☐ TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
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- ☐ CHECK FOR \$100 IF PIT IS USED

RECEIVED Gas
Office Of Oil and
JUL 08 2025
WV Department of
Environmental Protection

08/15/2025



7/3/2025

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 47-029-00155 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 Kimberley Davis.

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

RECEIVED
Office Of Oil and Gas
JUL 08 2025
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 57th St. SE
Charleston, WV 25304
(304) 926-0450

RECEIVED
Office Of Oil and Gas
JUL 08 2025
WV Department of
Environmental Protection

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. 47-029-00156

Farm Name _____

Well No. 90161

**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 _____

08/15/2025



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

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

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 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

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