



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, July 1, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 2
47-105-01451-00-00

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.

H. Jason Harmon
Chief

Operator's Well Number:
Farm Name: TWYMAN, GEORGE WD
U.S. WELL NUMBER: 47-105-01451-00-00
Vertical Plugging
Date Issued:

Promoting a healthy environment.

07/03/2026

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.

07/03/2026

1) Date 02/12 , 20 26
2) Operator's
Well No. Unknown DEP Plugging Contract 80019
3) API Well No. 47- 105 - 01451

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 747 ft District Clay	Watershed Little Kanawha/5030203 County Wirt Quadrangle Petroleum
6) Well Operator Unknown DEP Paid Plugging Contract Address 601 57th Street Charleston, WV 25304	7) Designated Agent Jason Harmon Address 601 57th Street Charleston, WV 25304
8) Oil and Gas Inspector to be notified Name April Lawson Address 601 57th Street Charleston, WV 25304	9) Plugging Contractor Name North Wind Response and Reclamation Address 1425 Higham Street Idaho Falls, ID 83402

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

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector	April Lawson Digitally signed by: April Lawson DN: CN = April Lawson email = april.lawson@wv.gov C = US O = DEP Oil and Gas Date: 2026.06.08 11:31:17 -0400	Date	6/8/26
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07/03/2026

Plugging Prognosis

47-105-01451

No Records

7" casing visible at surface

47-105-00346 offset records:

Casing Schedule:

10" @ 12'

6 5/8" @ 145'

2 3/8" and Rods: Depth not recorded

TD: 407'

Coal: None reported

Gas: None Reported

Oil: 407' (Shot from 407' to 385')

Salt Water: 407'

Fresh Water: 65'

RECEIVED

Office of Oil and Gas

JUN 02 2026

WV Department of Environmental Protection

- 1) Notify WVDEP State Inspector, April Lawson 681-990-6944, 48 hours prior to commencing plugging operations.
- 2) MIRU. RIH with wireline, locate casing seat and check TD.
- 3) TIH with tubing to attainable TD. Circulate hole with fresh water.
- 4) Pump Class A/Class L Cement from TD to below casing seat. TOOH with tubing.
- 5) RIH with wireline, perforate casing.
- 6) TIH with tubing to TOC. Circulate Class A/Class L Cement from TOC to surface. TOOH with tubing.
- 7) Top off well with cement, set monument, RDMO. Reclaim to WVDEP Specs.

07/03/2026

WELL NO. 2 API# 47-105-01451		Latitude: (NAD27) 39° 10' 00.00"	
NAD83 GEO	LAT: 39°08'15.47"	LON: -82°19'21.61"	
NAD83 UTM (N) ZONE17	N: 4,332,882.6	E: 385,688.0	

REFERENCE NOTES
1. Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Wirt & Ritchie County, West Virginia April 2026.

LEGEND

- PROPOSED WELL TIE LINE
- STREAM
- EXISTING ROAD
- ADJOINING TRACTS
- COUNTY DIVIDE LINE
- SURFACE TRACT
- ⊙ SUBJECT WELL
- ⊕ EXISTING WELL HEAD (Active)
- ⊕ EXISTING WELL HEAD (Plugged)
- ⊕ EXISTING WELL HEAD (Abandoned)
- ⊕ EXISTING WELL HEAD (Never Drilled)
- 000-000 TAXMAP-PARCEL
- ▭ BUILDING STRUCTURE

RECEIVED
Office of Oil and Gas
JUN 02 2026
WV Department of Environmental Protection

DIEFFENBAUGH & HRITZ, LLC
1095 Chaplin Road, Suite 200
Morgantown, WV 26501
www.danchengineers.com
P: 304.985.5555 F: 304.985.5557

FILE#: 26195-001	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: <u>Jason H. Littler</u> 5/28/26 P.S. #2139; Jason H. Littler, P.S.	
SHEET#: 1 of 1		
SCALE: 1" = 300'		
TICK SCALE: 1" = 2000'		
MINIMUM DEGREE OF ACCURACY: 1/2500		
PROVEN SOURCE OF ELEVATION: NGS CPUS (ONLINE POSITIONING USER SERVICE)		
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304 Well Type: ☒ Oil ☐ Waste Disposal ☐ Production ☐ Deep ☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow WATERSHED: HUGHES RIVER COUNTY / DISTRICT: WIRT COUNTY / CLAY DISTRICT SURFACE OWNER: TWYMAN GEORGE WD OIL & GAS ROYALTY OWNER: N/A ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐ PLUG OFF FORMATION ☐ PERFORATE NEW FORMATION ☒ PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐ OTHER CHANGE SPECIFY: _____ TARGET FORMATION: UNKNOWN ESTIMATED DEPTH: UNKNOWN WELL OPERATOR: UNKNOWN WVDEP PAID PLUGGING CONTRACT ADDRESS: 601 57TH STREET CITY: CHARLESTON STATE: WV ZIP: 25304 (WVDEP) DATE: MAY 28, 2026 OPERATOR'S WELL #: 2 API WELL #: 47 105 01451 STATE COUNTY PERMIT ELEVATION: 740' QUADRANGLE: PETROLEUM, WV ACREAGE: 17.00 ACREAGE: N/A DESIGNATED AGENT: JASON HARMON, WVDEP ADDRESS: 601 57TH STREET CITY: CHARLESTON STATE: WV ZIP: 25304		

07/03/2026



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.

COAL OPERATOR OR COAL OWNER
ADDRESS
COAL OPERATOR OR COAL OWNER
ADDRESS
OWNER OF MINERAL RIGHTS
ADDRESS

Joseph Shelnitz Tr.
265 Church St. New Haven, Conn.
Jan 23 1957
Clay District
Wirt County
Well No. 5
O.C. Beckner Farm

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 12/15/56, made by David Law, to

Joseph Shelnitz Tr., and recorded on the 15 day of December, 1956, in the office of the County Clerk for said County in Book 116, page 275.

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 Magistral District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

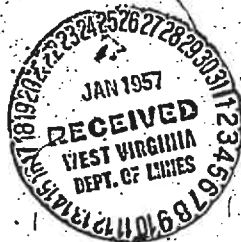
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting 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, Joseph Shelnitz Tr.
E. Gilbert Caroline (his agent)



Address of Well Operator

265 Church St.
New Haven
Conn.

*Section 8 . . . 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.

MAINTAINING PRINTING AND LITHOGRAPHING CO.
CHARLESTON, W. VA.

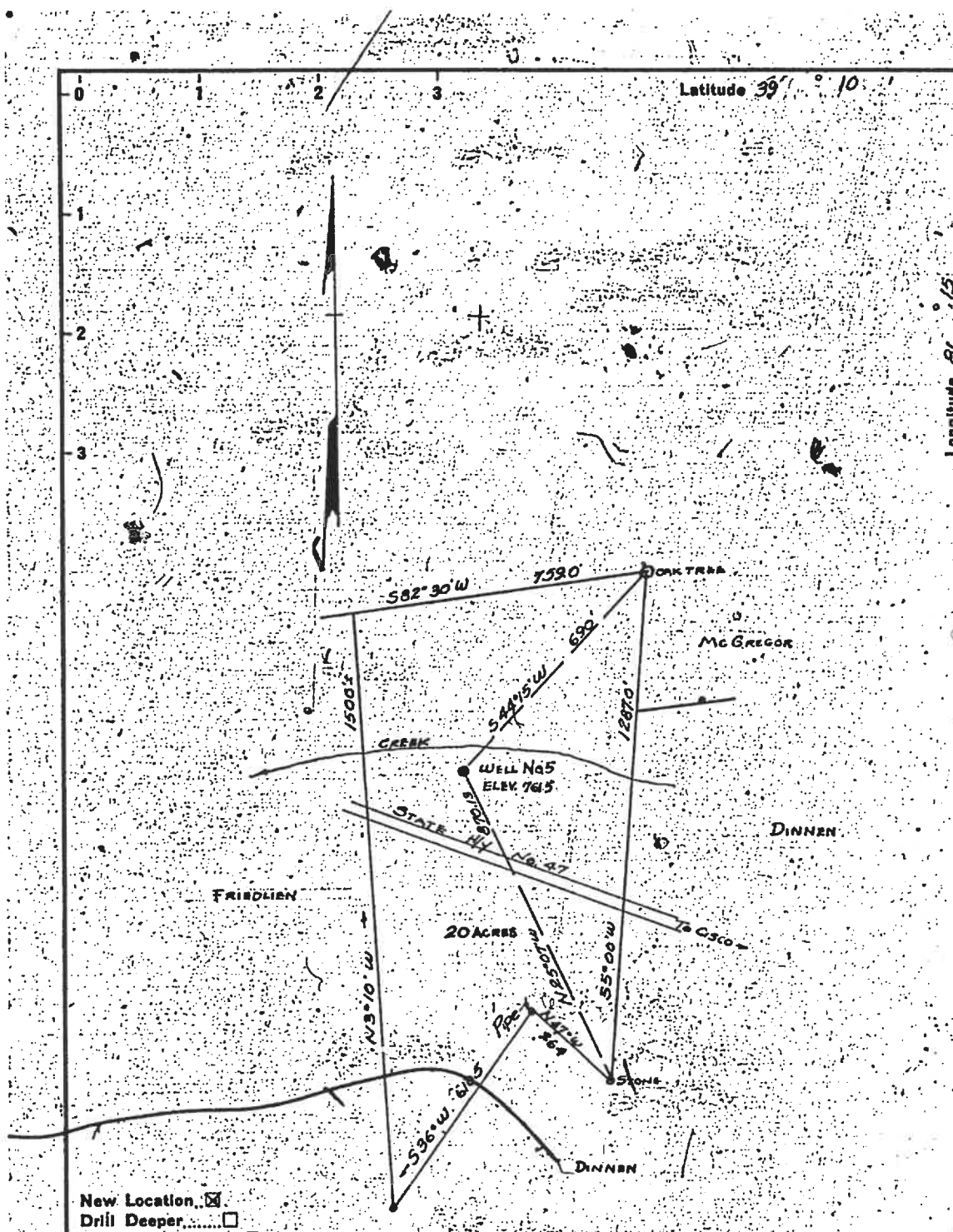
near well
number West 248

346

WIR-346 PERMIT NUMBER

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JUN 02 2026
WV Department of
Environmental Protection

07/03/2026



New Location. ☒
Drill Deeper. ☐
Abandonment. ☐

WELL OPERATOR - JOSEPH SHELNITZ - 2456 NURCH - NEW HAVEN
CONN.

Company CARWELL DRILLING Co.
Address 170 SUMMERS ST. CHARLESTON, W.VA.
Farm O.C. BECKNER
Tract Acres 20 Lease No.
Well (Farm) No. 5 Serial No.
Elevation (Spirit Level) 761.5
Quadrangle ELIZABETH
County WIRT District CLAY
Engineer L.G. MERRILL
Engineer's Registration No. 152
File No. Drawing No.
Date JAN. 25. 1957. Scale 1" = 300'

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

WELL LOCATION MAP

FILE NO. WIRB-346

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

- Denotes one inch spaces on border line
of original tracing.

RECEIVED
Office of Oil and Gas
JUN 02 2026
WV Department of
Environmental Protection

07/03/2026

A-10
January 25, 1957

Mr. Harry Stevens, Inspector
Oil and Gas Wells
Grantsville, West Virginia

Dear Mr. Stevens:

We have given verbal permission
to Mr. Gilbert Caroline to begin drilling (January 28th) on
O. C. Beckner Well No. 5, Clay District, Wirt County - there
being no coal in this area.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

MG:g

cc Mr. Gilbert Caroline
170 Summers Street
Charleston, W. Va.

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Office of Oil and Gas

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WV Department of
Environmental Protection

07/03/2026

A-11

February 4, 1957

Mr. Gilbert Caroline
Carswell Drilling Company
170 Summers Street
Charleston, West Virginia

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Office of Oil and Gas
JUN 02 2026
U.S. Department of
Environmental Protection

Dear Mr. Caroline:

We have not yet received tracing
for Well No. 5 on O. C. Beckner Farm, Clay District, Wirt
County and we are not able to issue formal permit.

immediately.

Please take care of this matter.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

MG:g

07/03/2026

A-12

February 8, 1956

Mr. Gilbert Caroline
Carswell Drilling Company
170 Summers Street
Charleston, West Virginia

Dear Sir:

Enclosed is permit WIR-346 for the drilling
of the Joseph Shelnitz well No. 5 on the O. C. Beckner
farm, Clay District, Wirt County.

When the drilling is completed, please send
us two copies of the well record.

Blanks are enclosed.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CNH:K
Encl-1

CC: Harry Stevens, Inspector

Mr. Joseph Shelnitz, Treasurer
New Haven, Connecticut

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Office of Oil and Gas
JUN 02 2026
WV Department of
Environmental Protection

07/03/2026



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle

Permit No. W/R-346

WELL RECORD

Oil or Gas Well

Oil

(KIND)

Company Joseph Sheluda (Tr)
Address 265 Church St. New Haven Conn.
Farm O.C. Beckner Acres 2.2
Location (waters) Hughes River
Well No. 5 Elev. 761'-5"
District Clay County Wirt
The surface of tract is owned in fee by O.C. Beckner
Address Petroleumville
Mineral rights are owned by Same
Address

Drilling commenced 2/4/57
Drilling completed 2/15/57
Date Shot 2/15/57 From 385 To 407
With 40 gts nitro
Open Flow 0 /10ths Water in 0 Inch
Volume 0 /10ths Merc. in 0 Inch
Rock Pressure 0 lbs. hrs.
Oil 0 bbls. 1st 24 hrs.
WELL ACIDIZED
WELL FRACTURED

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	<u>12</u>	<u>12</u>	Size of
8 3/4			
6 3/4	<u>145</u>	<u>145</u>	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

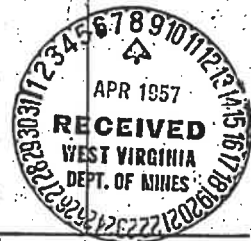
RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 65 Feet

Salt Water 407 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	red	soft	0	10			
Red Rock		"	10	30			
white slate	white	"	30	40			
Red Rock		"	40	125	water	65'	
Red Rock		"	125	144			
slate	white	Hard	144	285			
Red Rock		soft	285	305			
slate	"	Hard	305	340			
Red Rock		soft	340	348			
lime shell	"	Hard	348	353			
Red Rock		soft	353	380			
slate	white	Hard	380	382			
sand	Grey	med.	382	407	oil + salt water		



07/03/2026



1425 Higham St., Idaho Falls, ID 83402
contactus@northwindgrp.com
(208) 528-8718
northwindgrp.com

6/2/2026

April Lawson
OOG Inspector
WV Department of Environmental Protection Office of Oil and Gas
601 57th Street
Charleston, WV 25304

SUBJECT: Letter of Intent for Class L Cement

Dear Ms. Lawson:

We intend to use Class A cement; however, if Class A cement is unavailable, we will use Class L cement to plug the following well.

API Number: API 47-105-01451

Attached is the approved variance order for use of Class L cement.

Sincerely,

Gregory W Hunt

Greg Hunt

07/03/2026



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.

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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

07/03/2026

1) Date: 02/12/2026
2) Operator's Well Number
Unknown DEP paid Plugging Contract
3) API Well No.: 47 - 105 - 01451

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

RECEIVED
Office of Oil and Gas

JUN 02 2026

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name Twyman George WD	Name
Address	Address
(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
Telephone	Address

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: Jason Harmon	
Its: Address	
Telephone	

Subscribed and sworn before me this 04 day of June 2026
My Commission Expires June 1, 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 depprivacyoffier@wv.gov.

07/03/2026

RTH WIND
TRI COMPANY
1425 Higham St
daho Falls, ID 83402



9489 0090 0027 6824 5480 45

Label 890-PB, Oct. 2015
Pitney Bowes

FIRST-CLASS



US POSTAGE
PITNEY BOWES
ZIP 83402
02 7H
\$ 006.04
0006140348 MAY 29 2026

07/03/2026

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

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Office of Oil and Gas
JUN 02 2026
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,

Signature	Date	Name	
		By	
		Its	Date
		Signature	Date

07/03/2026

WW-4B

API No. 47-105-01451

Farm Name

Well No.

INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE

RECEIVED
Office of Oil and Gas
JUN 02 2026
WV Department of
Environmental Protection

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 then 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 _____

07/03/2026

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 OOG-3
Watershed (HUC 10) 5030203 Quadrangle Petroleum, WV

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 34-167-2-9731-00)
- _____ 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? _____

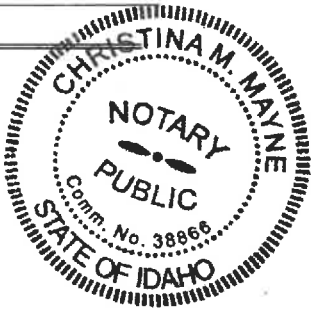
Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

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 1 day of May, 20 26
Christina M Mayne Notary Public
My commission expires 2/16/2028



07/03/2026

Proposed Revegetation Treatment: Acres Disturbed ~1 acre Prevegetation pH _____

Lime 2-3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-10-20 or Similar

Fertilizer amount 500 lbs/acre

Mulch Hay 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

Tall Fescue **50**

Contractor Mix 20

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: **April Lawson**
Digitally signed by April Lawson
(DN: cn = April Lawson email =
April.Lawson@hwy.gov, c = US, o = DEP
Oil and Gas
Date: 2026.06.08 11:35:19 -0400)

Comments: Follow E&S Control Manual

Title: OOG Inspector

Date: 6/8/26

Field Reviewed? (☒) Yes () No

07/03/2026

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

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Office of Oil and Gas
JUN 02 2026
WV Department of
Environmental Protection

Operator Name: Unknown DEP Paid Plugging Contract
Watershed (HUC 10): _____ Quad: _____
Farm Name: _____

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

4. Summarize all activities at your facility that are already regulated for groundwater protection.

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

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WV Department of
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6. Provide a statement that no waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Signature: _____

Date: _____

07/03/2026

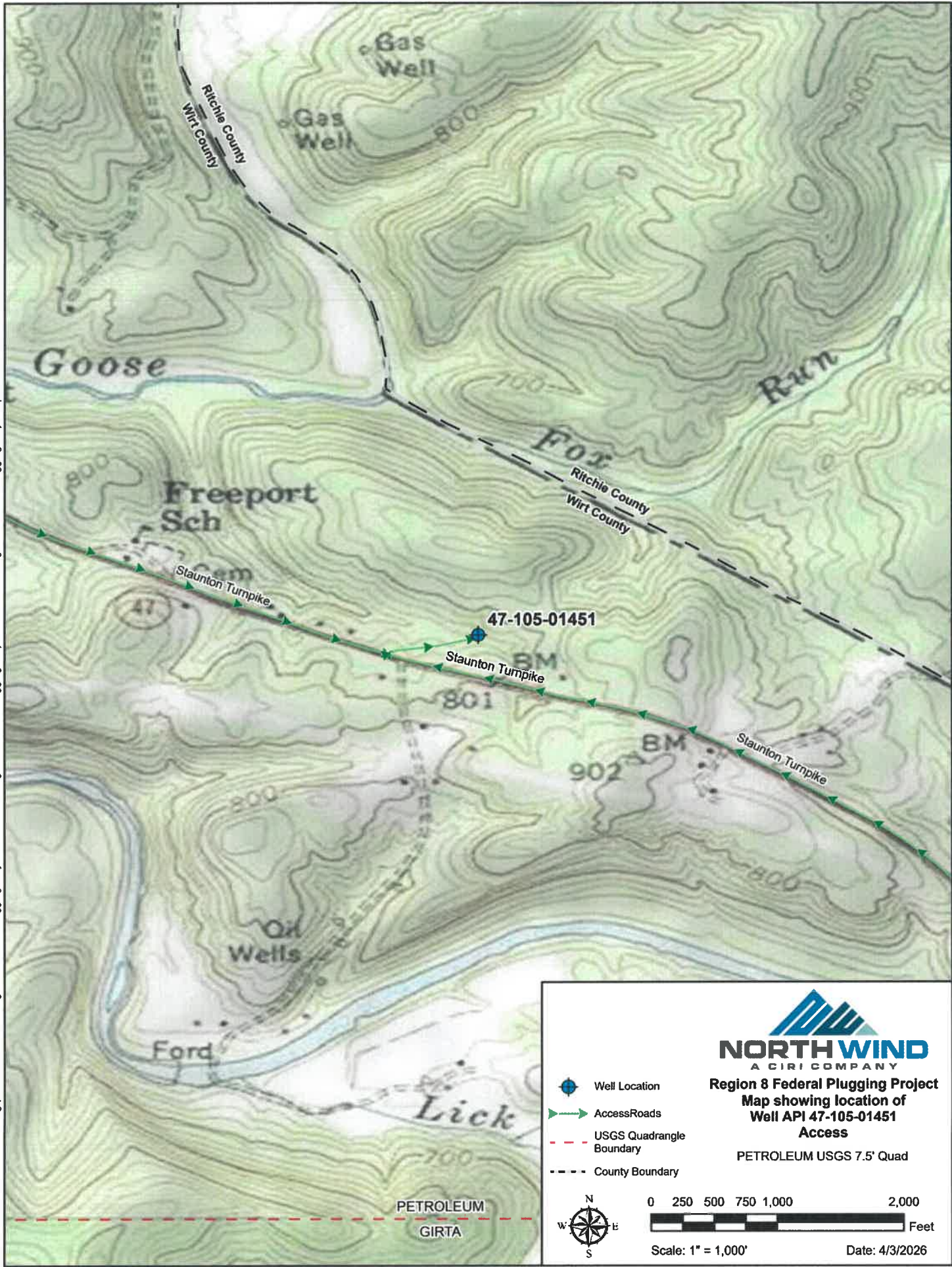


TWYMAN GEORGE WD

ID: 53-02-0006-0018-0000
AP# 47-105-01451
Office of Conservation

Legend

07/03/2026



07/03/2026

WELL NO. 2 API# 47-105-01451		Latitude: (NAD27) 39° 10' 00.00"	
NAD83 GEO LAT: 39°08'15.47" LON: -82°19'21.61"			
NAD83 UTM (M) ZONE17 N: 4,332,882.6 E: 385,688.0			

REFERENCE NOTES

1. Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Wirt & Ritchie County, West Virginia April 2026.

LEGEND

- PROPOSED WELL TIE LINE
- STREAM
- EXISTING ROAD
- ADJOINING TRACTS
- COUNTY DIVIDE LINE
- SURFACE TRACT
- SUBJECT WELL
- EXISTING WELL HEAD (Active)
- EXISTING WELL HEAD (Plugged)
- EXISTING WELL HEAD (Abandoned)
- EXISTING WELL HEAD (Never Drilled)
- 000-000 TAXMAP-PARCEL
- BUILDING STRUCTURE

WELL NO. 2 47-105-01451

00562, 00210, 00168, 00209, 00153, 00346, 01449, 01462, 01430, 00013, 000248

WIRTS COUNTY

W **N** **E** **S**

NAD83 GRID NORTH

DIEFFENBAUCH & HRITZ, LLC

1095 Chaplin Road, Suite 200
Morgantown, WV 26501
www.dandengineers.com
P: 304.965.5555 F: 304.965.5557

FILE#: 26195-001	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: <i>Jason H. Littler</i> 5/28/26 P.S. #2139: Jason H. Littler, P.S.	
SHEET#: 1 of 1		
SCALE: 1" = 300'		
TICK SCALE: 1" = 2000'		
MINIMUM DEGREE OF ACCURACY: 1/2500		
PROVEN SOURCE OF ELEVATION: NGS OPUS (ONLINE POSITIONING USER SERVICE)		

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP

OFFICE OF OIL & GAS

601 57TH STREET

CHARLESTON, WV 25304

Well Type: ☒ Oil ☐ Waste Disposal ☐ Production ☐ Deep

☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow

WATERSHED: HUGHES RIVER

COUNTY / DISTRICT: WIRT COUNTY / CLAY DISTRICT

SURFACE OWNER: TWYMAN GEORGE WD

OIL & GAS ROYALTY OWNER: N/A

☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE

☐ PLUG OFF FORMATION ☐ PERFORATE NEW FORMATION ☒ PLUG & ABANDON

☐ CLEAN OUT & REPLUG ☐ OTHER CHANGE SPECIFY: _____

TARGET FORMATION: UNKNOWN

ESTIMATED DEPTH: UNKNOWN

WELL OPERATOR: UNKNOWN WVDEP PAID PLUGGING CONTRACT

ADDRESS: 601 57TH STREET

CITY: CHARLESTON STATE: WV ZIP: 25304 (WVDEP)

DESIGNATED AGENT: JASON HARMON, WVDEP

ADDRESS: 601 57TH STREET

CITY: CHARLESTON STATE: WV ZIP: 25304

DATE: MAY 28, 2026

OPERATOR'S WELL #: 2

API WELL #: 47 105 01451

STATE COUNTY PERMIT

ELEVATION: 740'

QUADRANGLE: PETROLEUM, WV

ACREAGE: 17.00 **07/03/2026**

ACREAGE: N/A

WW-7
8-30-06



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JUN 02 2026
WV Department of
Environmental Protection

West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-105-01451 WELL NO.: _____

FARM NAME: _____

RESPONSIBLE PARTY NAME: _____

COUNTY: Wirt DISTRICT: Clay

QUADRANGLE: Petroleum

SURFACE OWNER: Twyman George WD

ROYALTY OWNER: _____

UTM GPS NORTHING: 4332103.49

UTM GPS EASTING: 472114.58 GPS ELEVATION: 747

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____: Post Processed Differential ____

Real-Time Differential ____

Mapping Grade GPS ____: Post Processed Differential ____

Real-Time Differential ____

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

J. Allison Walker

Signature

President

Title

5/1/2026

Date

07/03/2026



5/1/2026

April Lawson
WV Department of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, WV 25304

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Office of Oil and Gas
JUN 02 2026
WV Department of
Environmental Protection

SUBJECT: Notice of Application to Plug and Abandon a Well

Dear Ms. Lawson:

Enclosed is the permit application for well API Number 47-105-01451 that North Wind Response and Reclamation plans to plug and abandon under Agency Purchase Order DEP2600000261, Federal Multi-Well Plugging Contract – Wirt & Ritchie, with the Department of Environmental Protection Office of Oil and Gas. This well is located on land of surface owner Twyman George WD.

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

07/03/2026

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

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Office of Oil and Gas

JUN 02 2026

WV Department of
Environmental Protection

- ☐ 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

07/03/2026

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

plugging permit issued 4710501451

1 message

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

Wed, Jul 1, 2026 at 9:26 AM

To: April N Lawson <april.n.lawson@wv.gov>, Greg Hunt <greg.hunt@northwindgrp.com>, Alana C Hartman <alana.c.hartman@wv.gov>, dk.wilson@wirtcountywv.net, Henry J Harmon <henry.j.harmon@wv.gov>

To whom it may concern, a plugging permit was issued for 4710501451.

--

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**4710501451.pdf**

2389K

07/03/2026