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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, May 11, 2026

WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 3  
47-105-01450-00-00

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  
Acting Chief

Operator's Well Number:  
Farm Name: Chris Martin & Scott Townsend  
U.S. WELL NUMBER: 47-105-01450-00-00  
Vertical Plugging  
Date Issued: 5/11/2026

Promoting a healthy environment.

05/15/2026

## 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.

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### CONDITIONS

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1. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
2. Well work activities shall not constitute a hazard to the safety of persons.
3. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

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05/15/2026

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 649 ft Watershed Little Kanawha/5030203  
District Clay County Wirt Quadrangle Petroleum

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 April Lawson 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**

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 Date 3/25/26  
Digitally signed by April Lawson  
DN: CN = April Lawson, email =  
april.lawson@wv.gov C = US O = DEP-Oil  
and Gas  
Date: 2026.03.25 09:35:54 -0400

05/15/2026

**Plugging Prognosis**

47-105-01450

No records

7" casing visible at surface

**47-105-00138 offset records:**

TD: 544'

**Casing Schedule:**

8 ¼" @ 18'

6 5/8" @ Depth not recorded

Coal: None reported

Gas: None Reported

Oil: Trace

Salt Water: None Reported

Fresh Water: None Reported

- 1) Notify WVDEP State Inspector, April Lawson 681-990-6944, 48 hours prior to commencing plugging operations.
  - 2) MIRU. RIH with wireline, locate bottom of casing 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. Perf 7" @ 100'
  - 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.
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05/15/2026

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

A-1

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

none  
COAL OPERATOR OR COAL OWNER

C. O. HOGG  
NAME OF WELL OPERATOR

ADDRESS

Box 607 Titusville, Pa.  
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

September 13, 1939  
PROPOSED LOCATION

ADDRESS

Olay District

OWNER OF MINERAL RIGHTS

Wirt County

ADDRESS

Well No. A-1

G. O. Grow 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 May 20, 1929 made by Roberts Oil Company to G. O. Grow and recorded on the      day of      in the office of the County Clerk for said County in Book 79, page 463

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.

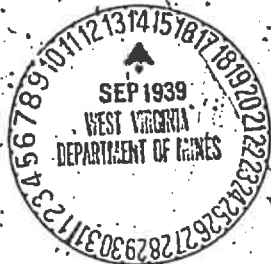
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting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



C. O. Hogg  
WELL OPERATOR

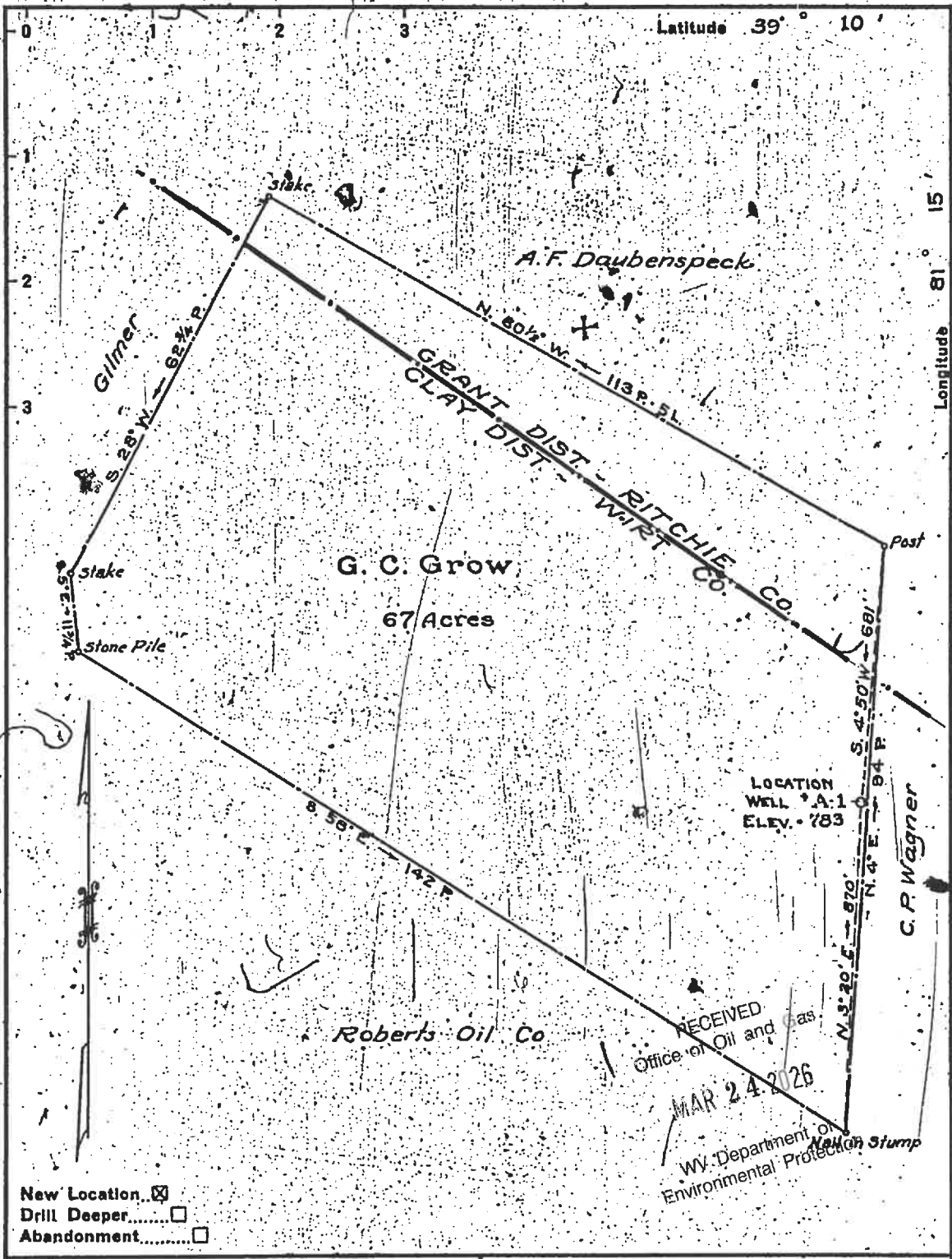
Box 607  
STREET

Titusville  
CITY OR TOWN

Pa.  
STATE

Address of Well Operator

\*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.



New Location   
 Drill Deeper.....  
 Abandonment.....

Company C.C. Hogg  
 Address Titusville, Pa.  
 Farm G.C. Grow  
 Tract \_\_\_\_\_ Acres 67 Lease No. \_\_\_\_\_  
 Well (Farm) No. A-1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 783  
 Quadrangle Elizabeth, W. Va.  
 County Wirt District Clay  
 Engineer Parker C. Peters  
 Engineer's Registration No. 485  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Sept 13, 1939 Scale 1" = 20 Poles

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

WELL LOCATION MAP  
 FILE NO. WIR-138

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

PRINTED ON  
 RECYCLED PAPER

05/15/2026

A-9

# National Petroleum Company

TITUSVILLE, PENNSYLVANIA

September 13, 1939

Department of Mines  
Oil & Gas Division  
Charleston, W. Va.

Gentlemen:

Inclosed you will find "Notice of proposed location of oil and gas well", signed by the writer and "Well Location Map", prepared by Parker E. Peters of Parkersburg, W. Va.

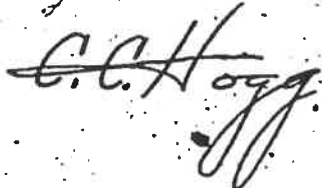
This proposed well, designated by A-1 is a test well. It is being drilled on the property of Mr. G. C. Grow, in consideration of an option, which he gave the writer August 17th 1939.

In other words, the writer proposes to purchase Mr. Grow's property, provided the sand conditions, as determined by the drilling of this well, are found to be satisfactory.

There are no coal operations, neither will any known veins of coal be penetrated by this well.

We trust that the inclosed papers are in proper order. Owing to the time limit of our option, we hope this permit will be granted, as soon as possible.

Yours truly



RECEIVED  
Office of Oil and Gas

MAR 24 2026

WV Department of  
Environmental Protection

05/15/2026

September 14, 1936

Mr. C. G. Hagg  
National Petroleum Company  
Titusville, Pennsylvania

Dear Sir:

We are in receipt of your application and tracing for Well No. A-1 on the G. C. Crow Farm, Clay District, Wirt County, and your letter of September 13th advising us this will be a test well and that you have only a limited time to begin the work.

In view of the conditions you have outlined and since there is no coal in this locality, you may proceed with the drilling if all interested parties in addition to the Department of Mines have been properly notified, and there can be no objections. Our inspector, Mr. J. F. Kent, who supervises Wirt County drilling, will be notified of the situation.

Formal permit cannot be issued under tax laws and same will be forwarded as soon as possible.

Very truly yours,

Secretary  
OIL AND GAS DIVISION

M/er

CC: J. F. Kent, Inspector Oil & Gas Wells

RECEIVED  
Office of Oil and

MAR 24 2026

WV Department  
Environmental Protection

05/15/2026

September 24, 1969

Mr. C. C. Hogg  
Box 807  
Titonville, Pennsylvania

Dear Sirs:

Permit WIR-158 to drill Well No. A-1 on the  
G. C. Crow Farm, Clay District, West County, is enclosed.

Duplicate permit shall be posted on the rig.

When the well is completed, please file complete  
record on the enclosed forms OG-10.

Very truly yours,

Secretary  
OIL AND GAS DIVISION

RECEIVED  
Office of Oil and Gas

MAR 24 1970

WV Department  
Environmental Protection

RE/ur  
enc-4

05/15/2026

January 11, 1940

Mr. C. C. Hogg  
Box 607  
Titusville, Pennsylvania

Dear Sir:

Please send us the record for Well No. 1-1 on  
the G. C. Grow Farm, Clay District, Wirt County, for which  
permit WIR-138 was issued September 24, 1939.

We wish to complete our records for 1939.

Very truly yours,

Secretary  
OIL AND GAS DIVISION

133/a1  
enc-2

RECEIVED  
Office of Oil and Gas

MAR 24 1940

WV Department of  
Environmental Protection

05/15/2026

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

B-1

*Elizabeth*

WELL RECORD

Permit No. WLR-138

Oil or Gas Well Oil  
(Kind)

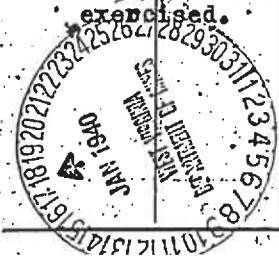
Company	<u>G. C. Hogg</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address	<u>Titusville, Pa.</u>	Size			
Farm	<u>G. C. Grow</u> Acres <u>70</u>	16			Kind of Packer
Location (waters)	<u>Hughes River</u>	18			<u>None</u>
Well No.	<u>1-1</u> Elev. <u>783</u>	10			Size of
District	<u>Clay</u> County <u>Wirt</u>	8 1/2	<u>18-ft.</u>	<u>18 ft.</u>	Depth set
The surface of tract is owned in fee by	<u>G. C. Grow</u>	5 3/16			Perf. top
Address	<u>Avon, N. Y.</u>	3			Perf. bottom
Mineral rights are owned by	<u>Same</u>	2			Perf. top
Address	<u>Same</u>	Liners Used			Perf. bottom
Drilling commenced	<u>About October 1, 1939</u>				
Drilling completed	<u>October 25, 1939</u>	CASING CEMENTED	<u>SIZE</u>	<u>No. Ft.</u>	<u>Date</u>
Date shot	<u>None</u> Depth of shot <u>None</u>	COAL WAS ENCOUNTERED AT	<u>FEET</u>	<u>INCHES</u>	<u>FEET</u> <u>INCHES</u>
Open flow	<u>None</u> /10ths Water in <u>None</u> Inch	<u>FEET</u> <u>INCHES</u>	<u>FEET</u> <u>INCHES</u>	<u>FEET</u> <u>INCHES</u>	<u>FEET</u> <u>INCHES</u>
Volume	<u>None</u> /10ths Merc. in <u>None</u> Inch				
Rock Pressure	<u>None</u> lbs. <u>None</u> hrs.				
Oil	<u>Trace</u> bbls. 1st 24 hrs.				
Fresh water	<u>None</u> feet				
Salt water	<u>None</u> feet				

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
			0	12'	Top soil	18' 8 1/2"	conductor set in shale.
			12'	50'	Gray shale		
			50'	80'	Slate and shells		
			80'	150'	1st Cow Run sand		Core Barrel run from 121' to 126'
			150'	154'	Slate and coal blossom		
			154'	168'	Sandy shale		
			168'	237'	Hole reduced to 6 1/2"		
			237'	361'	Gray shale		
			361'	365'	2nd Cow Run sand		
			365'	369'	Slate & coal		
			369'	373'	Sand		
			373'	395'	Slate & coal		
			395'	403'	Gray sand		
			403'	410'	Slate & shale		
			410'	415'	Sand		
			415'	473'	Limestone		
			473'	544'	Brown shale		
			495'	500'	Salt sand		
			535'	544'	Core taken		

RECEIVED  
Office of Oil and Gas  
MAR 24 2026  
WV Department of Environmental Protection

This well was drilled for experimental purposes. Attempt was made to run Baker core barrel in First Cow Run, and also in the Salt sand. However, it was too hard to take satisfactory core. There was very light showing of oil in either of the sands encountered. There was a slight seepage of water, perhaps coming in the sandy shale near the coal blossom, really not enough to determine where it did come into the hole.

The well was drilled as consideration for an option granted by Mr. G. C. Grow. We therefore turned it over to him when the option was exercised.



(Over)

05/15/2026

1) Date: 02/12/2026  
2) Operator's Well Number  
Unknown DEP paid Plugging Contract  
3) API Well No.: 47 - 105 - 01450

**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>Martin Chris &amp; Townsend Scott</u>	Name _____
Address <u>20322 Staunton Tpke</u>	Address _____
<u>Petroleum, WV 26161</u>	
(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 _____

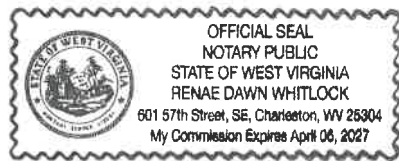
RECEIVED  
Office of Oil and Gas  
MAR 24 2026  
WV Department of Environmental Protection

**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 *Juan Harmon*  
By: \_\_\_\_\_  
Its: \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone \_\_\_\_\_  
unknown- DEP Paid Plugging

Subscribed and sworn before me this 07th day of March 2026  
*Renae Dawn Whitlock* Notary Public  
My Commission Expires April 6, 2027

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

05/15/2026

**BIRTH WIND**  
 COMPANY  
 1425 Higham St  
 Idaho Falls, ID 83402

Martin Chris & Townsend Scott  
 20322 Staunton Tpke  
 Petroleum, WV 26161

US POSTAGE PAID PERMIT NO. 8083  
 ZIP 83402 **\$ 006.93**  
 02.7H MAR 23 2026  
 0006140346



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 Return Receipt (hardcopy) \$ \_\_\_\_\_  
 Return Receipt (electronic) \$ \_\_\_\_\_  
 Certified Mail Restricted Delivery \$ \_\_\_\_\_  
 Adult Signature Required \$ \_\_\_\_\_  
 Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

Total Postage and Fees \$ \_\_\_\_\_

Sent to  
 Street and Apt. No. or PO Box No.  
 20322 Staunton Tpke  
 City, State, ZIP+4<sup>®</sup>  
 Petroleum, WV 26161

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9007 See Reverse for Instructions



7016 0600 0000 5381 6645  
 7016 0600 0000 5381 6645

05/15/2026

**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 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date	_____	Name	_____
Signature			By	
			Its	_____
				Date
			Signature	Date

05/15/2026

WW-4B

API No. 47-105-01450

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

Well No. \_\_\_\_\_

**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 \_\_\_\_\_

05/15/2026

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 \_\_\_\_\_

Watershed (HUC 10) \_\_\_\_\_ Quadrangle \_\_\_\_\_

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 *J. Allison Walker*

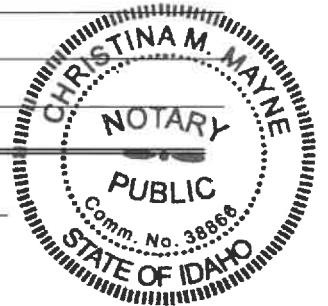
Company Official (Typed Name) Allison Walker

Company Official Title President

Subscribed and sworn before me this 19 day of March, 20 26

Christina M Mayne Notary Public

My commission expires 2/16/28



05/15/2026

Proposed Revegetation Treatment: Acres Disturbed ~1 acre Prevegetation pH \_\_\_\_\_

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

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**

**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:

Comments:

Title: **President**

Date:

Field Reviewed? ( ) Yes ( ) No

05/15/2026

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

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.

---

05/15/2026

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: \_\_\_\_\_

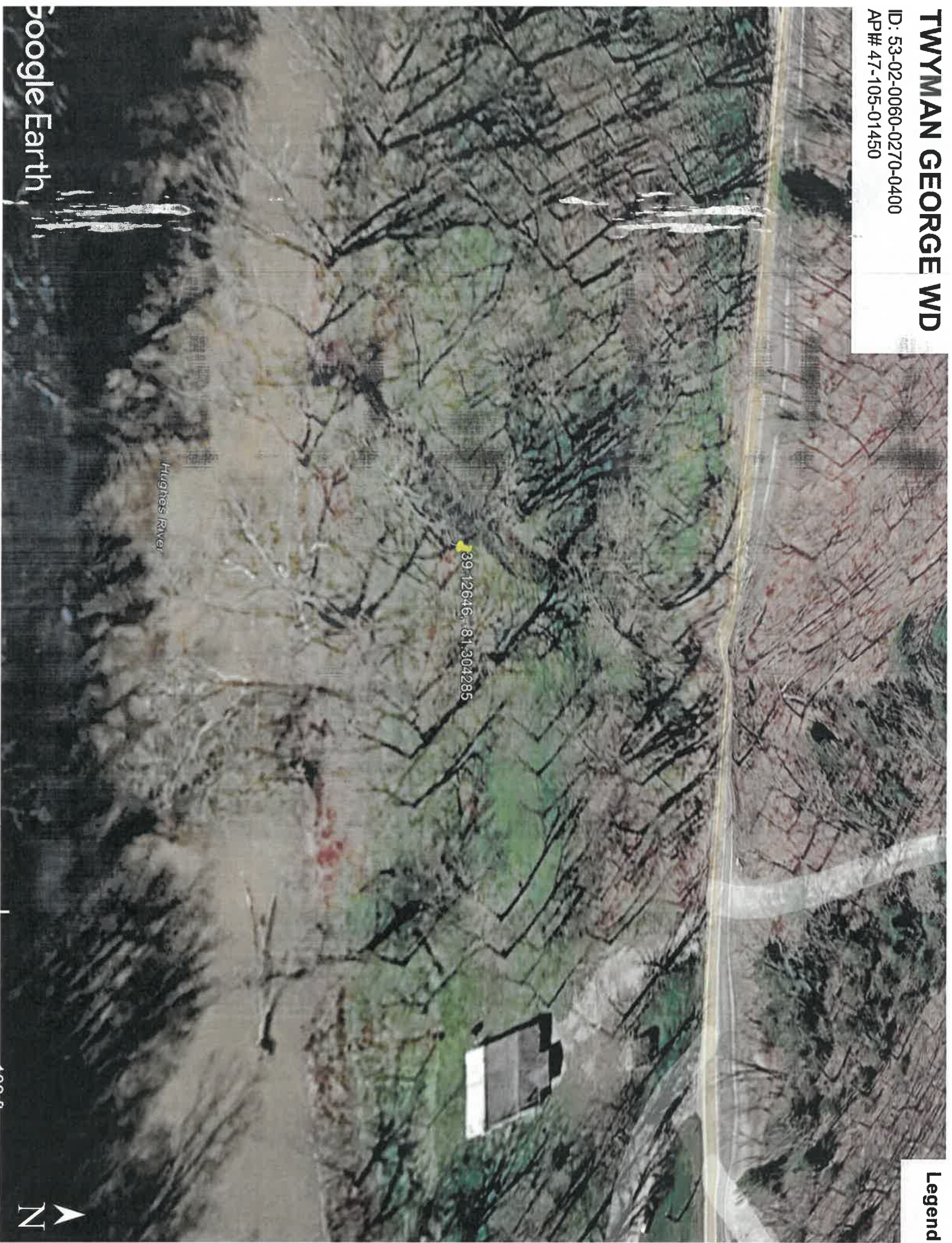
05/15/2026

**TWYMAN GEORGE WD**

ID: 53-02-0060-0270-0400

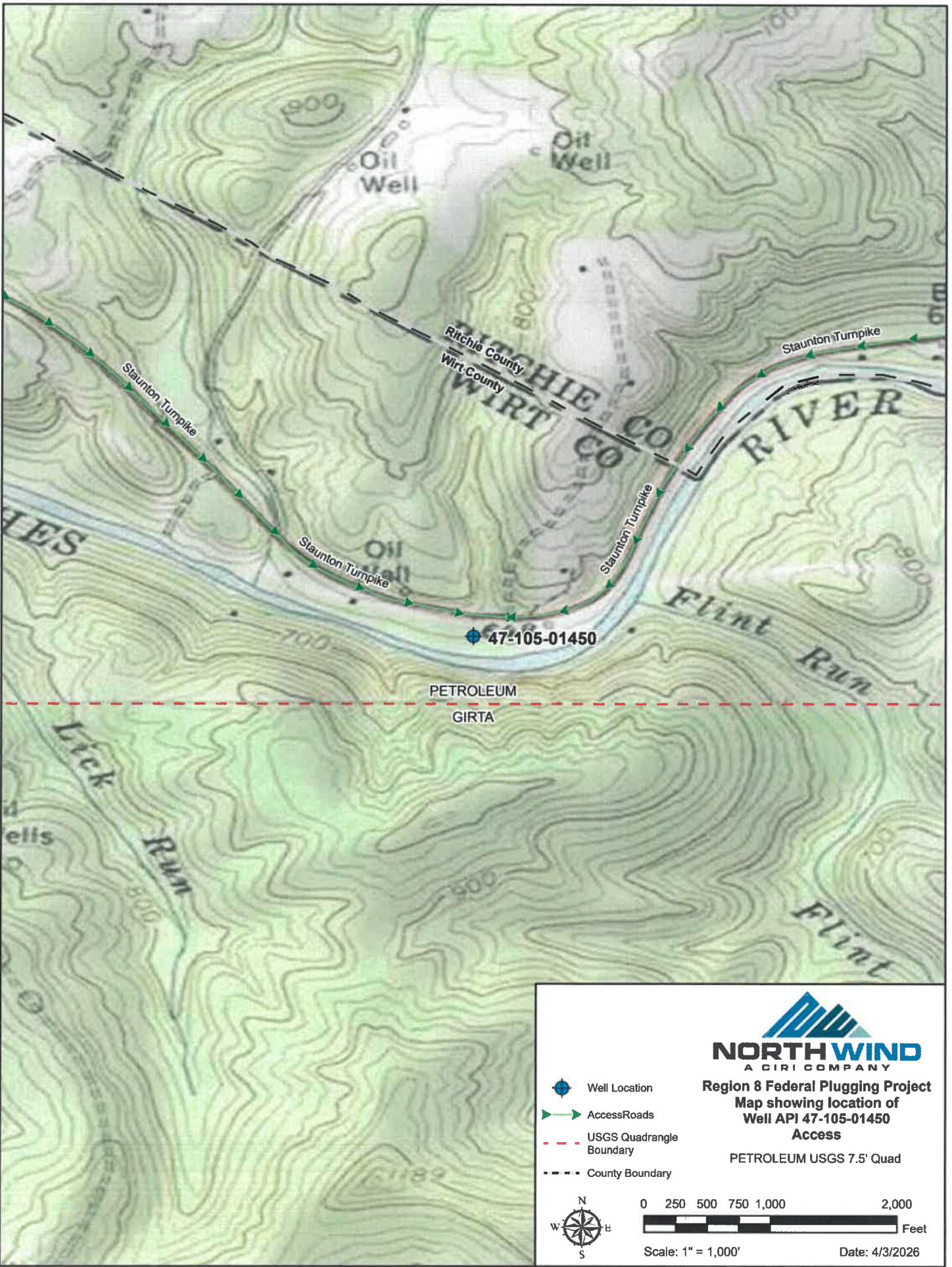
AP#: 47-105-01450

Legend



Google Earth

05/15/2026



05/15/2026



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

API: 47-105-01450 WELL NO.: \_\_\_\_\_

FARM NAME: \_\_\_\_\_

RESPONSIBLE PARTY NAME: \_\_\_\_\_

COUNTY: Wirt DISTRICT: Clay

QUADRANGLE: Petroleum

SURFACE OWNER: \_\_\_\_\_

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4330854.21

UTM GPS EASTING: 473698.37 GPS ELEVATION: 649

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.**

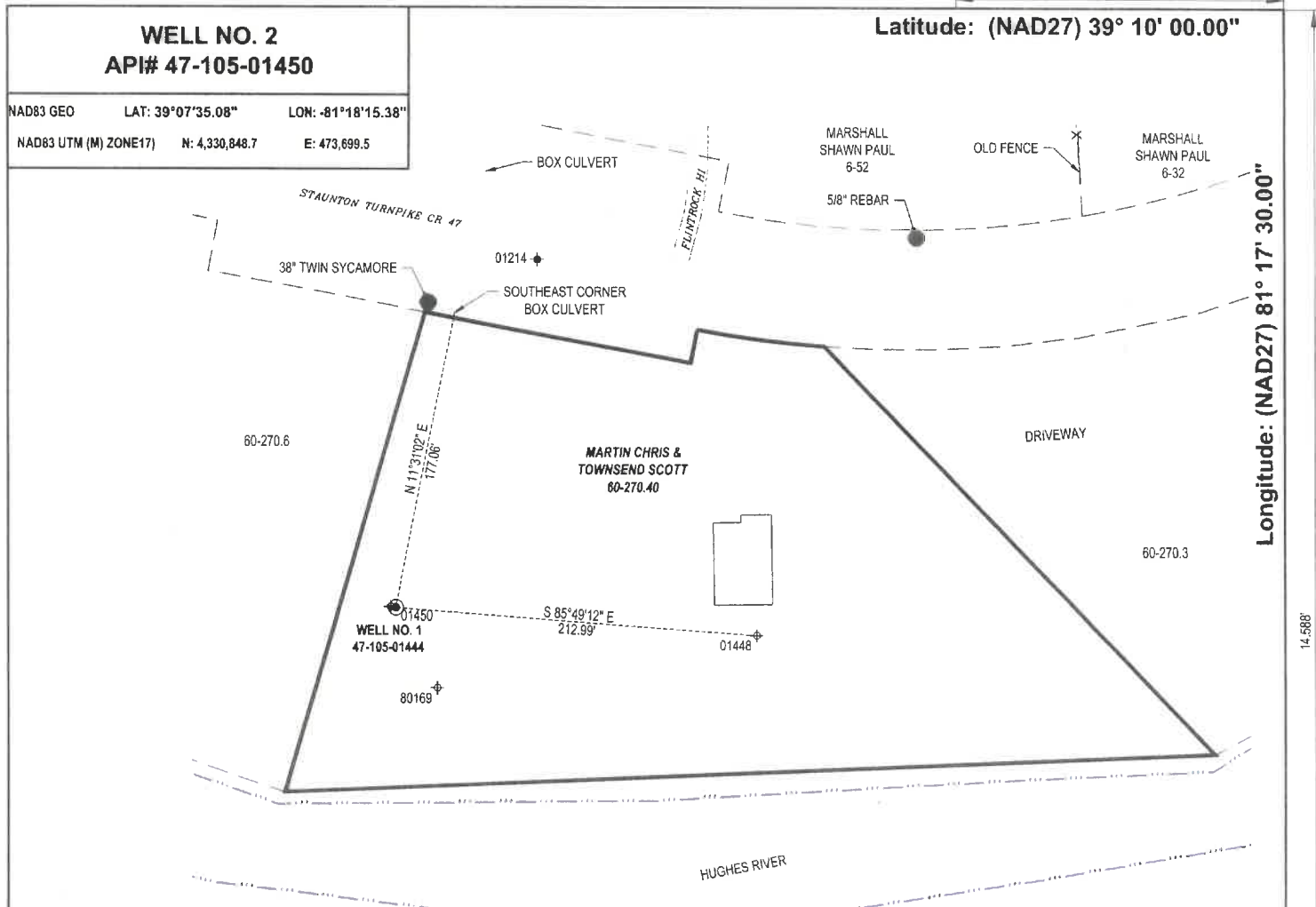
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

J. Allison Walker  
Signature

President  
Title

3/26/2026  
Date

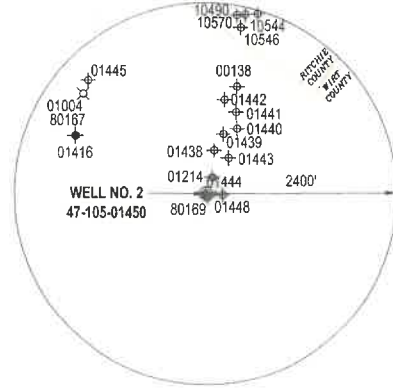
05/15/2026



**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



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

FILE#: 26195-001  
 SHEET#: 1 of 1  
 SCALE: 1" = 100'  
 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: *J. H. Littler* 4/27/26  
 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: APRIL 27, 2026  
 OPERATOR'S WELL #: 2  
 API WELL #: 47 105 01450  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow  
 WATERSHED: HUGHES RIVER  
 COUNTY / DISTRICT: WIRT COUNTY / CLAY DISTRICT  
 SURFACE OWNER: MARTIN CHRIS & TOWNSEND SCOTT  
 OIL & GAS ROYALTY OWNER: N/A

ELEVATION: 627'  
 QUADRANGLE: PETROLEUM, WV  
 ACREAGE: 1.73 **05/15/2026**  
 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

# NORTHWIND RESPONSE & RECLAMATION

3/19/2025

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

RECEIVED  
Office of Oil and Gas

MAR 24 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 47-105-01450 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 Martin Chris & Townsend Scott.

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

Sincerely,

*Gregory W Hunt*

Greg Hunt

05/15/2026

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

RECEIVED  
Office of Oil and Gas  
MAR 24 2026  
WV Department of  
Environmental Protection



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

**plugging permits issued for 4710500138 01444 01450**

1 message

**Kennedy, James P** <james.p.kennedy@wv.gov> Mon, May 11, 2026 at 11:38 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, plugging permits have been issued for 4710500138, 01444, and 01450.

--

**James Kennedy**

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

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

Charleston, WV 25304

304-926-0499 ext. 45025

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

**3 attachments**

**4710501450.pdf**  
2314K

**4710500138.pdf**  
2646K

**4710501444.pdf**  
2678K

05/15/2026