

02/10/2023



---

west virginia department of environmental protection

---

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)

Friday, February 10, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for Harris #1  
47-049-02507-00-00

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: Harris #1  
Farm Name: RICKY RINEHART  
U.S. WELL NUMBER: 47-049-02507-00-00  
Vertical Plugging  
Date Issued: 2/10/2023

Promoting a healthy environment.

# PERMIT CONDITIONS 47 0 4 9 0 2 5 0 7 <sup>02/10/2023</sup>

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. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. 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.
3. Well work activities shall not constitute a hazard to the safety of persons.

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 X/ Liquid injection \_\_\_/ Waste disposal \_\_\_/  
(If "Gas, Production \_\_\_ or Underground storage \_\_\_) Deep \_\_\_/ Shallow X

5) Location: Elevation 1290' Watershed Buffalo Creek  
District Mannington County Marion Quadrangle Glover Gap

6) Well Operator DEP Paid Plugging Contract 7) Designated Agent Jason Harmon  
Address 601 57th St. Address 601 57th St.  
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Bryan Harris Name \_\_\_\_\_  
Address P.O.Box 157 Address \_\_\_\_\_  
Volga, WV 26238

10) Work Order: The work order for the manner of plugging this well is as follows:  
**see Plugging Project: 4704902507 Rinehart 72110, below**

RECEIVED  
Office of Oil and Gas  
FEB 03 2023  
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 Bryan Harris Date Dec 1, 2022

V. REMEDIATION AND/OR PLUGGING WORK PLAN

Notify Inspector Specialist, Bryan Harris @ (304)553-6087. Email address is [bryan.o.harris@wv.gov](mailto:bryan.o.harris@wv.gov). Notification is required 24 hrs prior to commencing plugging operations

1. Removal and cleanup of refuge on site will be needed to gain access to well site.
2. Install 24" cellar around existing well head. There is no conductor or surface casing visible. May have to set a joint of casing to rig up on if none found.
3. TIH check TD. Offset well TD @ ~~3133'~~  
If estimated depth cannot be reached begin cleaning out uncased hole to approved depth/TD by Inspector Specialist.
4. Once TD has been reached and approved by Inspector Specialist, Load hole with water. Run bond log.
5. TIH with tubing to estimated TD, spot 2sks gel and pump 200' bottom hole cement \* plug. TOH. WOC, tag top of cement plug. Add cement if needed.
6. Cut and pull free 4 1/2" casing, perf or rip casing left in hole. TIH with tubing, spot cement \* plug across casing seat, perfs and cut. WOC, tag cement.
7. TIH with tubing and spot gel to 800'. Pump 200' cement plug \* from 1350' to 1150' to cover elevation and saltwater show. WOC, tag top of plug and add cement if needed.
8. TIH with tubing and set 200' cement \* plug from 800' to 600'. Known Coal in area. WOC, Set cement plug 500' to 300'. WOC.
9. TIH with tubing and set cement \* from 200' to surface. Rig down, set monument and reclaim site.
10. NOTE.. Any casing found in the well with out cement in the annulus that cannot be retrieved must be perforated and cement at all saltwater, freshwater, coal, oil, gas, casing shoe and elevation points.

RECEIVED  
Office of Oil and Gas

FEB 03 2023

WV Department of  
Environmental Protection

\* Class L cement may be used in place of Class A

02/10/2023  
4704902507

Rinehart  
PLUGGING PROJECT  
4704902507

Well detail: No well records available. Only 4 1/2" casing visible at surface.  
Elevation 1290'

Offset well 4704900460 records show:

Elev. 1194'

No fresh water

Salt water @ 2963'

Coal @ 687'-690' No oil

TD @ 3133' Gas show @ 2963' 4th sand

No casing records

Site-based considerations:

Well is located at the top of a hill. Access road will need to be brushed and cleared.  
Brush to be stacked on lower side. Stone as needed.  
Refuge on location will need to be removed prior to plugging. (Standard Derrick)

Well is leaking gas thru 4 1/2" casing.

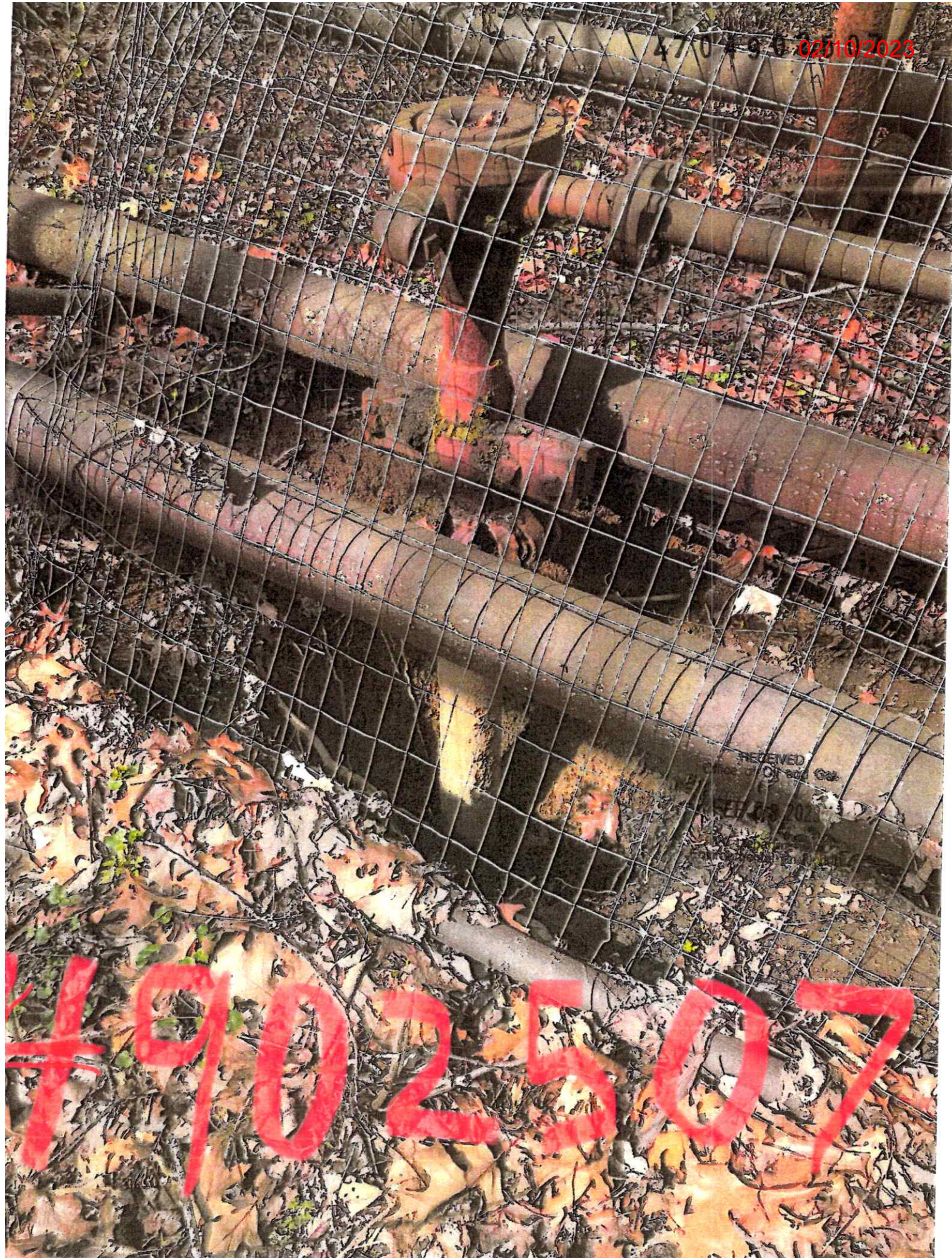
RECEIVED  
Office of Oil and Gas

FEB 03 2023

WV Department of  
Environmental Protection



470490 02/10/2023



4702507



02/10/2023

7049025

RECEIVED  
Ontario  
2023  
Ministry of  
Environment and  
Forestry





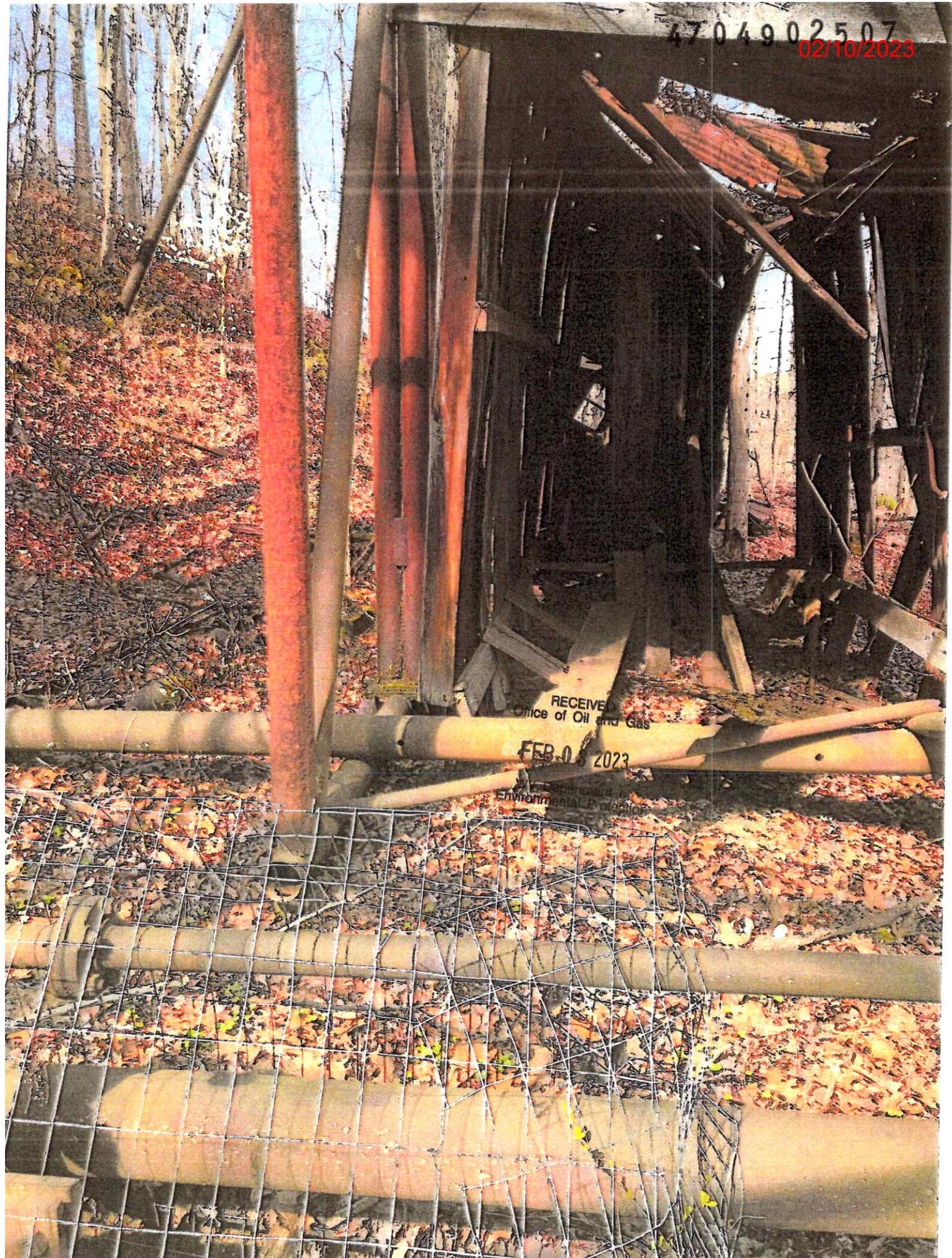
4704902507

02/10/2023

RECEIVED  
Office of Oil and Gas

FEB 06 2023

Department of  
Environmental Protection



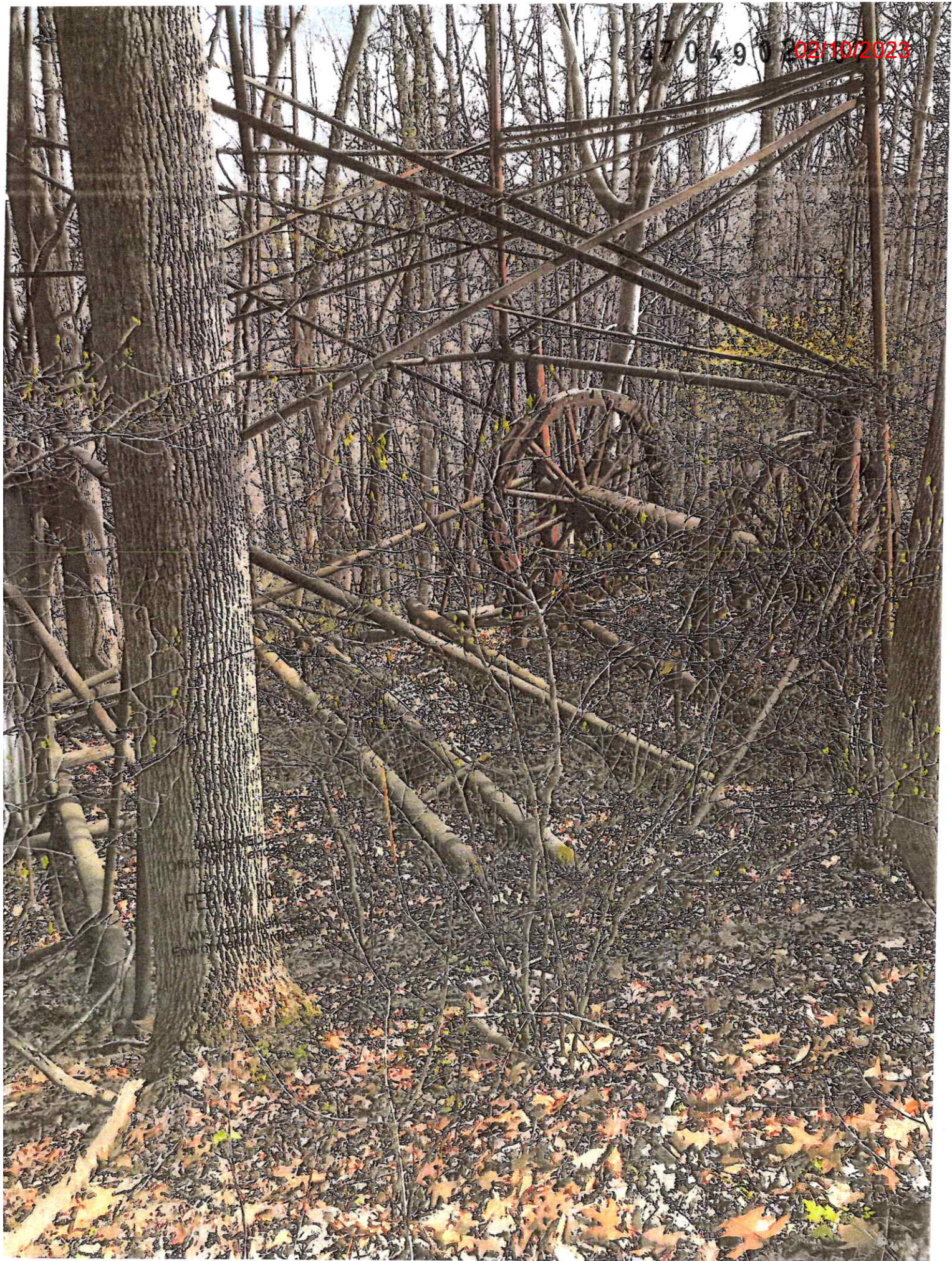


47049 02/10/2023





470490 02/10/2023





4704902507

02/10/2023

WW-4A  
Revised 6-07

1) Date: Dec 1, 2022  
2) Operator's Well Number  
Rinehart 72110

3) API Well No.: 47 - 049 - 02507

**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>Ricky L. Rinehart</u>	Name <u>NA</u>
Address <u>67 Cellular Drive</u>	Address _____
<u>Mannington, WV. 26582</u>	_____
(b) Name <u>Thomas D. Watts C/O Kerr, Marilyn</u>	(b) Coal Owner(s) with Declaration
Address <u>191 Orchard Road</u>	Name _____
<u>Waynesburg, PA. 15370</u>	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Bryan Harris</u>	(c) Coal Lessee with Declaration
Address <u>P.O.Box 157</u>	Name <u>Na</u>
<u>Volga, WV 26238</u>	Address _____
Telephone <u>304-553-6087</u>	_____

**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

RECEIVED  
Office of Oil and Gas  
FEB 03 2023

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse 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.

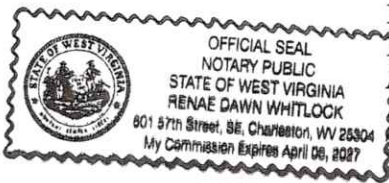
Well Operator UNKNOWN - DEP PAID PLUGGING CONTRACT

By: Jason Harmon

Its: 601 57th St.

Address Charleston, WV 25304

Telephone 304-926-0450



Subscribed and sworn before me this 2nd day of February 2023  
Renae 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).



**SURFACE OWNER WAIVER**

02/10/2023  
**4704902507**

Operator's Well  
Number

4704902507 Rinehart 72110

**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,

  
\_\_\_\_\_  
Signature

Date 1-19-2023 Name  
By  
Its

**DEP Paid Plugging Contract**

\_\_\_\_\_  
Bryan Harris  
Date

Signature  Date 1-19-23



WW-4B

API No. **4704902507**  
47-095-0250710/2023  
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.

RECEIVED  
Office of Oil and Gas  
FEB 08 2023  
WV Department of  
Environmental Protection

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





west virginia department of environmental protection

Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
Phone (304) 926-0450

Harold D. Ward, Cabinet Secretary  
dep.wv.gov

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

**IN THE MATTER OF A VARIANCE FROM )  
LEGISLATIVE RULE 35CSR4 )  
SECTION 14.1. AND LEGISLATIVE RULE )  
35CSR8 SECTION 20.1, )  
RELATING TO THE CEMENTING )  
OF OIL AND GAS WELLS )**

**ORDER NO. 2022-13**

RECEIVED  
Office of Oil and Gas

**FEB 03 2023**

WV Department of  
Environmental Protection

**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

RECEIVED  
Office of Oil and Gas  
FEB 03 2023  
WV Department of  
Environmental Protection



4704902507

02/10/2023

WW-9  
(5/16)

API Number 47 - 049 - 02507  
Operator's Well No. Rinehart 72110

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) Buffalo Creek Quadrangle Glover Gap

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: Na

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Na

-If oil based, what type? Synthetic, petroleum, etc. Na

Additives to be used in drilling medium? Na

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Na

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) Na

-Landfill or offsite name/permit number? Na

RECEIVED  
Office of Oil and Gas  
FEB 03 2023  
WV Department of  
Environmental Protection

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.

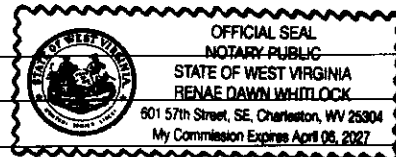
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 \_\_\_\_\_

Company Official (Typed Name) Jason Harmon

Company Official Title Deputy Chief



Subscribed and sworn before me this 2nd day of February, 20 23

Renae Dawn Whitlock Notary Public

My commission expires April 6, 2027



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

Lime 2 tons Tons/acre or to correct to pH \_\_\_\_\_

Fertilizer type 20-20-20

Fertilizer amount 500 lbs lbs/acre

Mulch 2 tons Tons/acre

**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Meadow Mix	30 lbs
		Clover	5 lbs
		Contractor Mix	10 lbs

**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: Bryan Harris

Comments: \_\_\_\_\_

RECEIVED  
Office of Oil and Gas  
FEB 03 2023  
WV Department of  
Environmental Protection

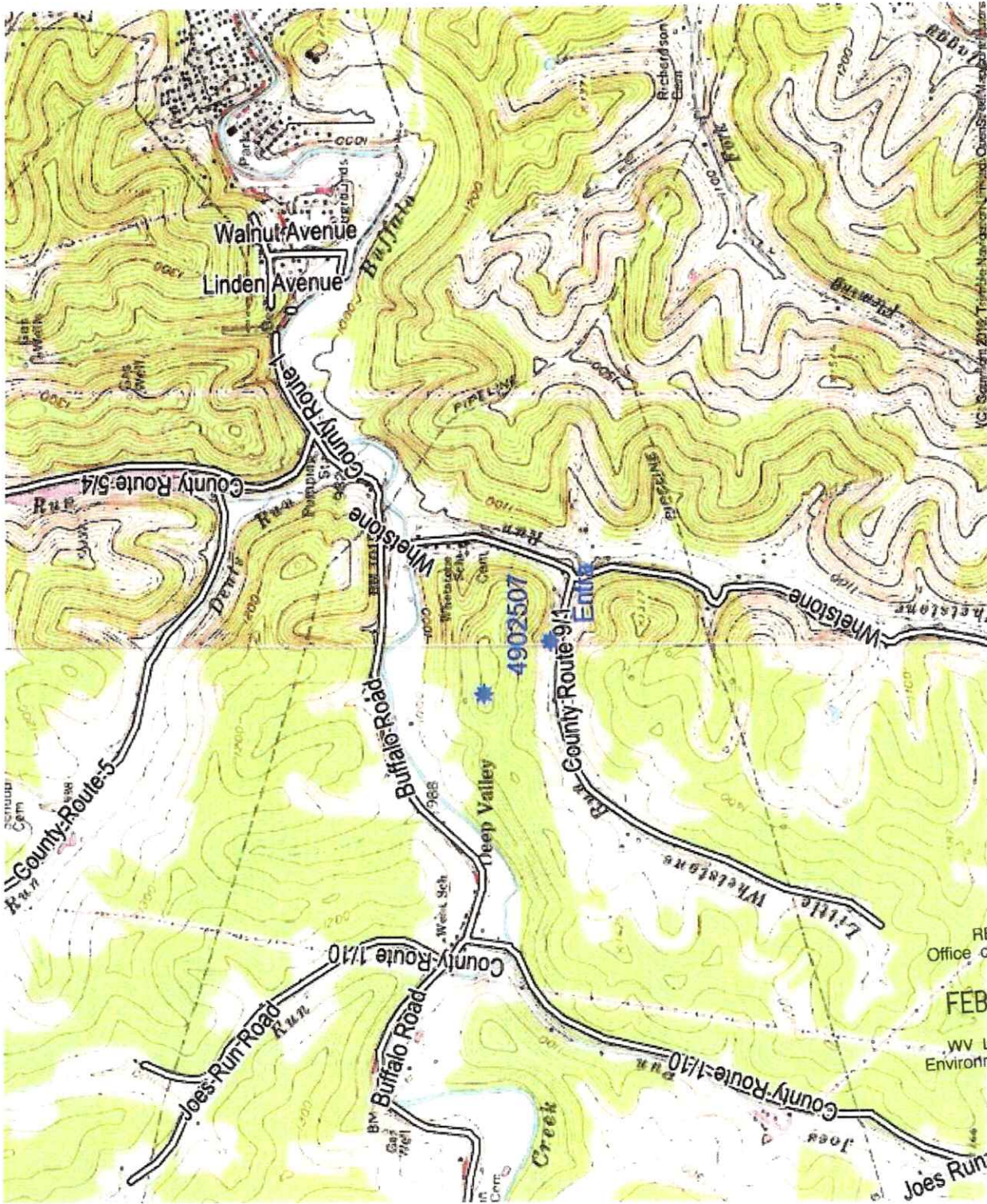
**Inspector Specialist**

Dec 1, 2022

Field Reviewed? (  ) Yes (  ) No



02/16/2023



RECEIVED  
Office of Oil and Gas  
FEB 03 2023  
WV Department of  
Environmental Protection



WW-7  
8-30-06



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

API: 4704902507 WELL NO.: Rinehart 72110  
 FARM NAME: Ricky L. Rinehart  
 RESPONSIBLE PARTY NAME: UNKNOWN - DEP PAID PLUGGING  
 COUNTY: Marion DISTRICT: Mannington  
 QUADRANGLE: Glover Gap  
 SURFACE OWNER: Ricky L. Rinehart  
 ROYALTY OWNER: Thomas D. Watts C/O Kerr, Marilyn  
 UTM GPS NORTHING: 05 53 553  
 UTM GPS EASTING: 43 74 824 GPS ELEVATION: 1290'

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.

Bryan Harris

Dec 1, 2022

Signature

Title

Date

RECEIVED  
Office of Oil and Gas  
FEB 03 2023  
WV Department of  
Environmental Protection



02/10/2023



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

---

## plugging permit issued 4704902507

1 message

---

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

Fri, Feb 10, 2023 at 9:40 AM

To: Bryan O Harris <bryan.o.harris@wv.gov>, Samuel D Ward <samuel.d.ward@wv.gov>, Henry J Harmon <henry.j.harmon@wv.gov>, mtrach@wvassessor.com


To whom it may concern, a plugging permit has been issued for 4704902507.


James Kennedy

WVDEP OOG

---

### 2 attachments

 **ir-8 4704902507.pdf**  
120K

 **4704902507.pdf**  
4562K