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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)

Wednesday, May 21, 2025  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1-S-4557  
47-017-00480-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number:  
Farm Name: FREEMAN, JOSEPH  
U.S. WELL NUMBER: 47-017-00480-00-00  
Vertical Plugging  
Date Issued: 5/21/2025

## **PERMIT CONDITIONS**

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

### **CONDITIONS**

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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.

1) Date Mar 10, 2025  
2) Operator's  
Well No. Moses 1-S-4557  
3) API Well No. 47-017 - 00480

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 827' Watershed Right Fork Arnolds Creek  
District West Union County Doddridge Quadrangle West Union

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: 4701700480 Moses 1-S-4557, below**

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 Mar 10, 2025

05/23/2025





139° SE

Latitude

39.267298°

LOCAL 10:32 AM

Longitude

-80.807934°

THURSDAY 02.20.2025

ALTITUDE 255 FEET

05/23/2025

## **SITE PREPARATION**

### **4701700480 MOSES 1-S-4557**

Install silt fence along Right Fork Arnolds Creek.

Stone access road as needed for stabilization to Key Oil Co well 4701704565.

Install mats across Key Oil Co well site to and around Moses site for plugging equipment.

05/23/2025



PLUGGING PROJECT  
4701700480 MOSES I-S-4557

Well detail:

4 1/2" casing necked down to 2" tubing visible at surface.  
12" conductor around well.  
Seperator connected to well.  
Fluid emanating from area around well.  
Records for this well indicate:

Fresh water 20'  
8 1/4" casing - 275' removed  
Elevation - 827'  
6 5/8" casing - 990' removed  
5 3/16" casing - 1778' 14sx cement  
Gas Show - 1819'-1830' injun  
TD - 1835'

Site-based considerations:

Well sits in a level bottom 15' from Right Fork Arnolds Creek.  
Well leaking fluid into Right Fork Arnolds Creek.  
Silt fence will need to be installed between creek and plugging equipment.  
Matting boards will be needed for plugging equipment.  
Stone shall be applied to access road. Access road approximately 70'.  
811 will be notified to mark subsurface utilities.  
Key Oil Company has a well, API 017-04565, 100' from Moses well.  
Access road will cross 04565 site.  
Caution should be used to prevent any mishaps.

05/23/2025

PLUGGING PROJECT  
4701700480 MOSES 1-S-4557

V. REMEDIATION AND/OR PLUGGING WORK PLAN

Notify Inspector Specialist, **Bryan Harris @ 304-553-6087.**  
**Notification is required 24 hrs prior to commencing plugging operations**

1. Remove separator and existing refuge from well.
2. Excavate around well and set a cellar.
3. Rig up to existing 4 1/2" casing.
4. Run in well to find TD @ <sup>241</sup>1835' or depth approved by Project Coordinator.
5. Run 1sk gel followed by 200' cement plug on bottom.
6. Run bond log on 4 1/2" casing to find free point.
7. Pull free casing. Set 100' cement plug across casing cut.
8. Run min 100' cement plugs at casing seats, gas zones, perms and elevation.
9. 6% Gel spacer between all plugs.
10. Above elevation, set cement plug from 600' to <sup>Surface</sup>500'.
11. ~~Set 200' cement surface plug.~~
12. Tag all plug to verify location.
13. Wait on cement plugs to firm before tag.
14. Set monument, reclaim.

CLASS A Cement

05/23/2025

Well No. 4557- Joseph Freeman.

## FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Clay	00	70				
Sand	70	95				
Coal	95	98				
Slate	98	165				
Sand	165	195				
Red Rock	195	240				
Sand	240	260				
Red Rock & Lime	260	314				
Coal	314	318				
Slate	318	440				
Sand	440	500				
Slate & Lime	500	565				
Coal (Pgh.)	565	570				
Lime	570	620				
Slat & Red Rock	620	900				
Little Dunkard	900	920				
Slate & Lime	920	1060				
<del>Big Dunkard</del>	<del>1060</del>	<del>19080</del>				
Big Dunkard	1060	1080				
Slate & Lime	1080	1200				
Gas Sand	1200	1290				
Slate	1290	1360				
1st Salt Sand	1360	1460				
Slate	1460	1600				
2nd Salt Sand	1600	1620				
Slate	1620	1720				
Maxon Sand	1720	1787				1750 6 Bailleurs
Slate	1787	1830				
Little Lime	1830	1867				
<del>Slate &amp; Lime</del> Cave	1867	1880				
Big Lime	1880	1966				1966-1980
Big Injun Sand	1966	2033				2028
Slate	2033	2036				
Swuay Sand	2036	2040				
Slate	2040	2141				
Total Depth		2141				

1966-1980  
2028

E

Prod Well No.

~~47-017-02041-P~~

See: 017-480



1) Date: Mar 10, 2025  
2) Operator's Well Number  
Moses 1-S-4557

3) API Well No.: 47 - 017 - 00480

**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>Mary L. Nesler</u>	Name <u>NA</u>
Address <u>856 Arnolds Creek Rd.</u>	Address _____
<u>West Union, WV. 26456</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Na</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>	_____

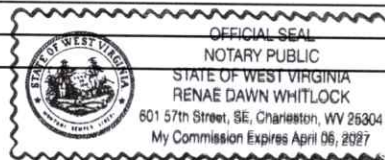
**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

- (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.

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 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 22nd day of April  
Renae Dawn Whitlock  
My Commission Expires April 6, 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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

05/23/2025

## SURFACE OWNER WAIVER

Operator's Well  
Number

Moses 1-S-4557

### INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW-4A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well.  
**Note:** If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials. (See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

### NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57th St. SE  
Charleston, WV 25304  
(304) 926 0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office in 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 share 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 in Events 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 these materials.

FOR EXECUTION BY A NATURAL PERSON  
ETC

FOR EXECUTION BY A CORPORATION

 Date: 5/19/25 Name: \_\_\_\_\_  
By: \_\_\_\_\_  
To: \_\_\_\_\_

DEP Paid Plugging Contract

Bryan Harris, Inspector, Supervisor

Date

Signature

Date

05/23/2025

Tracking Number:

Remove X

9489009000276628817965

Copy      Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to an individual at the address at 1:48 pm on May 16, 2025 in CHARLOTTE, NC 28278.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Feedback

Delivered

Delivered, Left with Individual

CHARLOTTE, NC 28278  
May 16, 2025, 1:48 pm

Arrived at USPS Regional Destination Facility

MID CAROLINA-CHARLOTTE NC DISTRIBUTION CENTER  
May 15, 2025, 8:22 am

In Transit to Next Facility

May 14, 2025

Arrived at USPS Regional Facility

PITTSBURGH PA DISTRIBUTION CENTER  
May 13, 2025, 11:31 pm

Pre-Shipment, USPS Awaiting Item

May 12, 2025



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name DEP Paid Plugging Contract OP Code \_\_\_\_\_

Watershed (HUC 10) Right Fork Arnolds Creek Quadrangle West Union

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

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 Jason Harmon

Company Official (Typed Name) Jason Harmon

Company Official Title Deputy Chief

Subscribed and sworn before me this 22nd day of April, 2025

Renee 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 20-20-20Fertilizer amount 500 lbs lbs/acreMulch 2 tons Tons/acre**Seed Mixtures****Temporary**

Seed Type lbs/acre

**Permanent**

Seed Type lbs/acre

Contractor Mix 50 lbsClover 5 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: \_\_\_\_\_

Field Reviewed? (☒) Yes (☐) No Mar 10, 2025

05/23/2025

## **Site Reclamation**

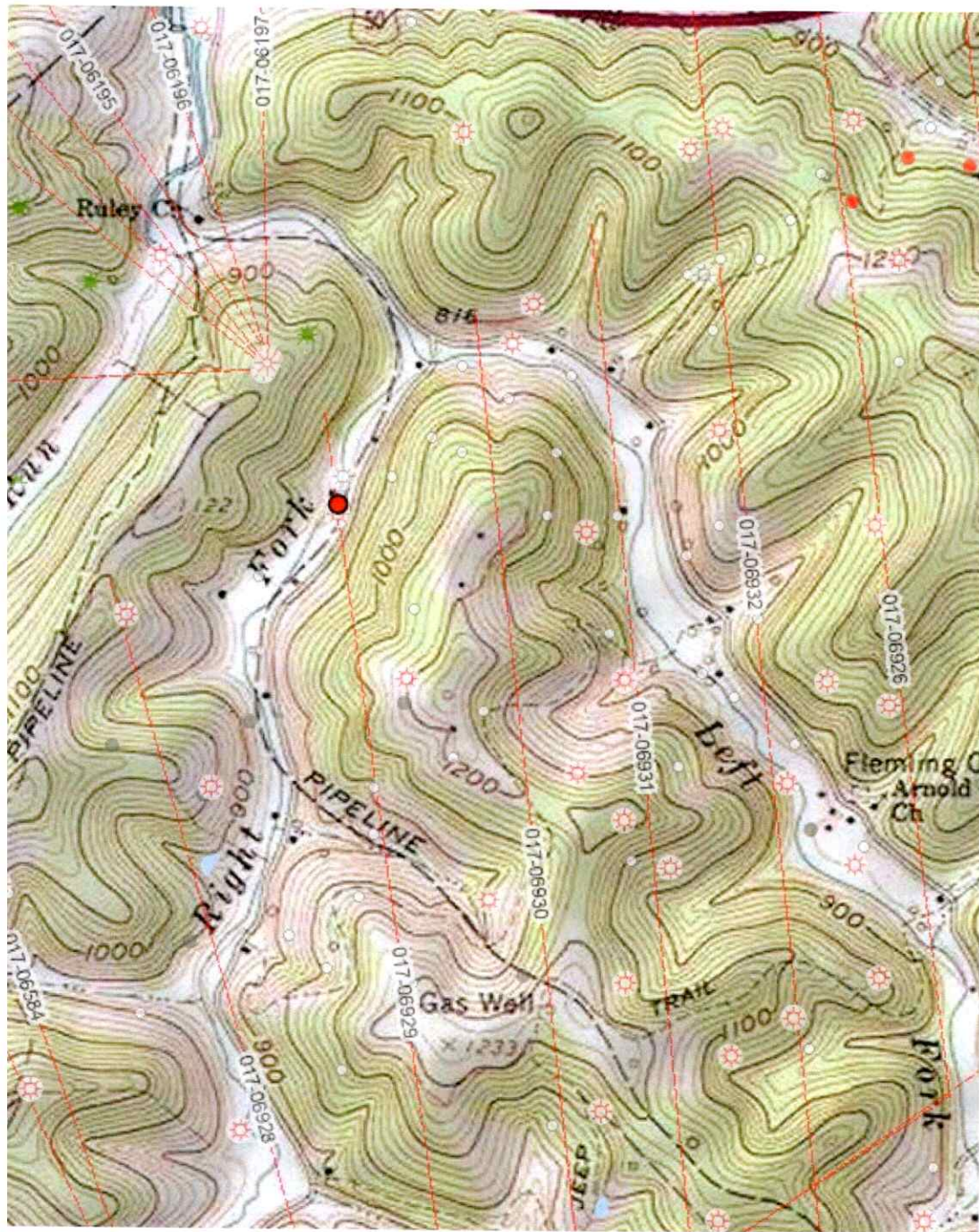
**4701700480 MOSES 1-S-4557**

Remove mats. Smooth up all disturbed areas.

Remove silt fence.

Lime, fertilize, seed and mulch all disturbed areas from plugging operations.

05/23/2025



05/23/2025

WW-7  
8-30-06



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

API: 4701700480 WELL NO.: Moses 1-S-4557  
FARM NAME: Freeman, Joseph  
RESPONSIBLE PARTY NAME: DEP Paid Plugging Contract  
COUNTY: Doddridge DISTRICT: West Union  
QUADRANGLE: West Union  
SURFACE OWNER: Mary L. Nesler  
ROYALTY OWNER: Key Oil  
UTM GPS NORTHING: 5 16 557  
UTM GPS EASTING: 43 46 468 GPS ELEVATION: 827'

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 X : 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	Inspector Specialist	July 16, 2024
Signature	Title	Date

05/23/2025



WW-4B

API No. NO COAL  
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 \_\_\_\_\_

05/23/2025



Kennedy, James P &lt;james.p.kennedy@wv.gov&gt;

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**plugging permit issued 4701700480**

1 message

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

Wed, May 21, 2025 at 10:25 AM

To: Henry J Harmon &lt;henry.j.harmon@wv.gov&gt;, Bryan O Harris &lt;bryan.o.harris@wv.gov&gt;, Sherman B King &lt;sherman.b.king@wv.gov&gt;, dsponaug@assessor.com

To whom it may concern, a plugging permit has been issued for 4701700480.

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***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)**4701700480.pdf**

1750K

05/23/2025