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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, April 13, 2026  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 4  
47-015-00519-00-00

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: CUNNINGHAM, ROSE  
U.S. WELL NUMBER: 47-015-00519-00-00  
Vertical Plugging  
Date Issued: 4/13/2026

## **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**

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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 March 30, 2026  
2) Operator's  
Well No. R.B. Cunningham #4  
3) API Well No. 47-015 - 0018  
**RECEIVED**  
Office of Oil and Gas

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

**APR 01 2026**  
WV Department of  
Environmental Protection

**APPLICATION FOR A PERMIT TO PLUG AND ABANDON**

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

5) Location: Elevation 772.85 Watershed Elk River  
District Union County Clay Quadrangle Elkhurst 7.5'

6) Well Operator Unknown-WV DEP Paid Plugging Contract 7) Designated Agent Jason Harmon  
Address 601 57th St. SE Address \_\_\_\_\_  
Charleston, WV 25306

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Jeremy James Name R&R well service LLC  
Address PO Box 36 Address 42 Lynch Ridge  
Clendenin, WV 25045 Walton WV 25286

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

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

Work order approved by inspector  Date 4-1-26

**04/17/2026**

## Plugging Procedure

Date: 03/30/2026

API #: 47-015-00519

Operators Well Number: R.B. Cunningham #4

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Casing Details				
OD (in.)	ID (in.)	Weight/Grade	Depth (ft)	Hole Size (in)
8 1/4		NA	445'	Pulled
6 5/8		NA	1129'	NA
2 3/8		NA	1382'	NA

1. Notify the inspector at least 24 hours prior to conducting abandonment operations.
2. Blow down well.
3. POOH with Tubing and packer. If unable to pull Packer, Shoot of at top of packer, RIH and confirm TD and fill depth.
4. Prep for cement. NOTIFY INSPECTOR OF TAG DEPTH.
5. Lead with 6% gel spacer on all cement plugs.
  - a. Note: API Class A will be used for cement plugs.
6. Run tubing into TD. Pump 10 BBL of 6% Gel. Pull Tubing to 1340'.
7. **Plug 1:** Set 265' cement plug from 1340' to 1075' to cover top of shot hole and gas shows
8. Free point 7" casing, rip and pull pipe. If unable to pull casing, Perforate every 100' to 450'.
9. **Plug 2:** Set 625' cement plug from 1075' to 450' to cover elevation and gas shows.
10. **Plug 3:** Set 200' cement plug from 200' to surface  
Set Monument 30" above ground with Well Name, API Number, and Plug Date.

 4-1-26

04/17/2026

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD



Quadrangle Clay  
Permit No. CLAY-519

Company FR. COPPER ASSOCIATES  
Address BY P.O. SO. CHAS. VA  
Farm R.B. Cunningham's 4.0 Acres P. 16  
Location (waters) BLK RIVER  
Well No. 2 Elev. 750  
District UNION County CLAY  
The surface of tract is owned by ROCKWELL CO. INC. Address MILTON VA  
Mineral rights are owned by SAME Address \_\_\_\_\_  
Drilling commenced SEPT 1 1953  
Drilling completed NOV 13 1953  
Date Shot NOV 1 From 1344 To 1359  
With 4 1/2 qt Nitro  
Open Flow 15/10ths Water in 2 1/2" - 2 1/2 hours Inch  
/10ths Mer. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure 393 lbs. 24 hrs.  
Oil \_\_\_\_\_ bbls. 1st 24 hrs.  
Fresh water 90-95 feet  
Salt water 750 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Pack. <u>2 1/2"</u>
18			<u>Tube pack</u>
12			Size of _____
10			Depth set <u>1310</u>
8 1/4	<u>1 1/2"</u>	<u>ALL</u>	
6 1/2	<u>1 1/2"</u>	<u>ALL</u>	
6 1/16			
2			Perf. top _____
2	<u>1382' 5"</u>	<u>ALL</u>	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
FEET 26 INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<u>0-16</u>	—	<u>SOFT</u>	<u>0</u>	<u>16</u>			
<u>SAND</u>	<u>yellow</u>	<u>Soft</u>	<u>16</u>	<u>18</u>	<u>Gas</u>	<u>520</u>	<u>Flow 1"</u>
<u>SLATE</u>	<u>BLACK</u>	<u>—</u>	<u>18</u>	<u>21</u>	<u>OIL SAND</u>	<u>660-635</u>	
<u>SAND</u>	<u>Yellow</u>	<u>—</u>	<u>21</u>	<u>29</u>			
<u>SLATE</u>	<u>BLACK</u>	<u>—</u>	<u>29</u>	<u>40</u>	<u>H.F. water</u>	<u>748</u>	
<u>SAND</u>	<u>WHITE</u>	<u>—</u>	<u>40</u>	<u>42</u>	<u>Some SAND</u>	<u>948</u>	
<u>SLATE</u>	<u>BLACK</u>	<u>HARD</u>	<u>42</u>	<u>65</u>	<u>—</u>	<u>1032-39</u>	
<u>SAND</u>	<u>WHITE</u>	<u>—</u>	<u>65</u>	<u>110</u>	<u>—</u>	<u>1212-15</u>	
<u>SLATE</u>	<u>BLACK</u>	<u>Soft</u>	<u>110</u>	<u>119</u>			
<u>SAND</u>	<u>GRAY</u>	<u>Soft</u>	<u>119</u>	<u>135</u>			
<u>SLATE</u>	<u>BLACK</u>	<u>—</u>	<u>135</u>	<u>156</u>	<u>Gas</u>	<u>1318-22</u>	<u>Flow 1"</u>
<u>BROWN SAND</u>	<u>Gray</u>	<u>Soft</u>	<u>156</u>	<u>330</u>	<u>Gas</u>	<u>1355-60</u>	<u>Flow 2"</u>
<u>SAND</u>	<u>Gray</u>	<u>—</u>	<u>330</u>	<u>370</u>			
<u>SAND</u>	<u>White</u>	<u>—</u>	<u>370</u>	<u>510</u>			
<u>BRN SAND</u>	<u>White</u>	<u>HARD</u>	<u>510</u>	<u>525</u>	<u>SHOT NOV 1 WITH</u>		<u>25 qt Nitro</u>
<u>SAND</u>	<u>White</u>	<u>HARD</u>	<u>525</u>	<u>1071</u>	<u>Top shot</u>	<u>1344</u>	
<u>SLATE</u>	<u>BLACK</u>	<u>Soft</u>	<u>1071</u>	<u>1079</u>	<u>Bottom</u>	<u>1359</u>	
<u>LIME</u>	<u>—</u>	<u>—</u>	<u>1079</u>	<u>1092</u>	<u>1-1/2" x 9' x 30 ft</u>		
<u>SHELLS</u>	<u>—</u>	<u>—</u>	<u>1092</u>	<u>1121</u>	<u>1-4/8" x 1/2" x 15 ft</u>		
<u>SAND</u>	<u>GRAY</u>	<u>HARD</u>	<u>1121</u>	<u>1222</u>	<u>Through particles</u>		
<u>RED ROCK</u>	<u>RED</u>	<u>Soft</u>	<u>1222</u>	<u>1227</u>			
<u>SILTSTONE</u>	<u>BLACK</u>	<u>—</u>	<u>1227</u>	<u>1258</u>			
<u>GREEN LIME</u>	<u>BLACK</u>	<u>Soft</u>	<u>1258</u>	<u>1285</u>	<u>HOLE DRILLED WITH</u>		
<u>RED ROCK</u>	<u>Red</u>	<u>Soft</u>	<u>1285</u>	<u>1297</u>	<u>20# gauge</u>		
<u>MAXON</u>	<u>White</u>	<u>HARD</u>	<u>1297</u>	<u>1298</u>			
<u>SLATE</u>	<u>BLACK</u>	<u>Soft</u>	<u>1298</u>	<u>1359</u>			
<u>G. LIME</u>	<u>—</u>	<u>Soft</u>	<u>1359</u>	<u>1360</u>			
			<u>1360</u>	<u>1380</u>			

(Over)

1) Date: 03/30/2026  
2) Operator's Well Number  
R.B. Cunningham #4  
3) API Well No.: 47 - 015 - 00519

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

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APR 01 2026  
WV Department of  
Environmental Protection

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name _____ Address _____ Charleston WV 25303	Name _____ Address _____
(b) Name _____ Address _____	(b) Coal Owner(s) with Declaration Name _____ Address _____
(c) Name _____ Address _____	Name _____ Address _____
6) Inspector Address _____ Telephone _____	(c) Coal Lessee with Declaration Name _____ Address _____

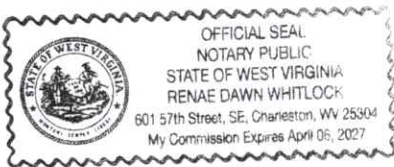
**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

- (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-WV DEP Paig Plugging Contract  
 By: Jason Harmon  
 Its: WV Office of Oil and Gas  
 Address 601 57th St. SE  
Charleston, WV 25304  
 Telephone \_\_\_\_\_



Subscribed and sworn before me this 1st day of April 26  
 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 [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).

04/17/2026

R. B. Cunningham #4

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9589 0710 5270 3654 9731 78

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Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	
Postage	\$	
Total Postage and Fees	\$	

State of WV DNR  
Building 3 Room 643  
Charleston WV 25303

PS Form 3800, January 2023 PSN 7530-02-000-904/ See Reverse for Instructions

04/17/2026

**SURFACE OWNER WAIVER**

Operator's Well  
Number

R.B. Cunningham #4

**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

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**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

04/17/2026  
Date

API No. 47-015-00519  
Farm Name \_\_\_\_\_  
Well No. R.B. Cunningham #4

**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.

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

WW-9  
(5/16)

API Number 47 - 015 - 00519  
Operator's Well No. R.B. Cunningham #4

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

Operator Name Unknown-WV DEP Paid plugging Contract OP Code \_\_\_\_\_

Watershed (HUC 10) Elk River Quadrangle Elkhurst 7.5'

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 Spirit Services)

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 RECEIVED Office of Oil and Gas

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

Additives to be used in drilling medium? N/A

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Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A WV Department of Environmental Protection

-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.

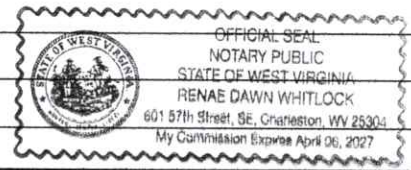
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations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

Company Official (Typed Name) Jason Harmon

Company Official Title \_\_\_\_\_



Subscribed and sworn before me this 1st day of April, 2026

Renee Whitlock  
Notary Public

My commission expires April 6, 2027

04/17/2026

Proposed Revegetation Treatment: Acres Disturbed \_\_\_\_\_ Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 20-20-20

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre

**Seed Mixtures**

<b>Temporary</b>		<b>Permanent</b>	
Seed Type	lbs/acre	Seed Type	lbs/acre
_____	_____	<b>Contractors Mix</b>	<b>50</b>
_____	_____	_____	_____
_____	_____	_____	_____

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.

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Plan Approved by: 

APR 01 2026

Comments: Above ground Steel Pit will be used

WV Department of  
Environmental Protection

Title: inspector OOG

Date: 4-1-26

Field Reviewed?  Yes  No

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

Operator Name: Unknown-WV DEP paid Plugging Contract  
Watershed (HUC 10): Elk River Quad: Elkhurst 7.5'  
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.

N/a

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

N/a

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

Elk River 300'

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

N/a

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

04/17/2026

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

N/a

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.

n/a

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

n/a

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



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

API: 47-015-00519 WELL NO.: #4

FARM NAME: R.B. Cunningham

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

COUNTY: Clay DISTRICT: Union

QUADRANGLE: Elkhurst 7.5'

SURFACE OWNER: State of WV DNR

ROYALTY OWNER: Unknown

UTM GPS NORTHING: 4254215.59

UTM GPS EASTING: 484006.87 GPS ELEVATION: 783

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.

Signature T. J. [Signature]

Title \_\_\_\_\_

Date 3-30-26

RECEIVED  
Office of Oil and Gas  
APR 01 2026  
WV Department of  
Environmental Protection

04/17/2026

47-015-00519



24Mar26 10:59 Ad-hoc  
© 24-Mar-26 10:59:09

04/17/2026



1" = 1800'

-81°10'59.31901" (-81.18314°)

4,720'

UTM NAD83-17N  
N: 4,254,212.244  
E: 484,016.463

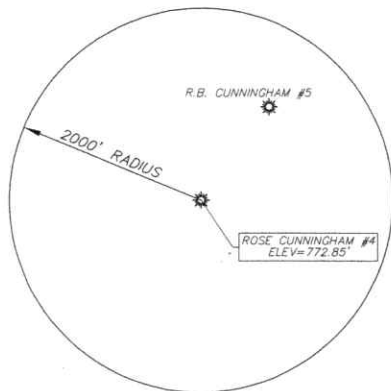
Latitude: 38°27'30"

Longitude: 81°10'00"

8,119'

38°26'09.74288" (38.43604°)

North



STATE OF WV DNR  
TAX MAP 15 PARCEL 2  
DEED BOOK 173/404  
PLAT A/351



R.B. CUNNINGHAM #5

ROSE CUNNINGHAM #4

1/2" REBAR FOUND

S88°36'55"E 2553.14', (TIE)

ROSE CUNNINGHAM #4

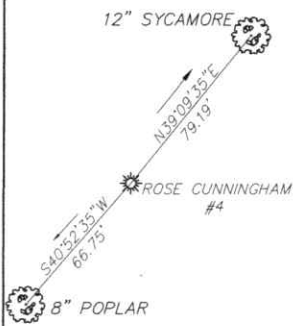
R.B. CUNNINGHAM #3

S00°12'35"E 3009.94', (TIE)

1" IRON PIPE FOUND

SEC. RT. 5  
ELK RIVER

WELL REFERENCES



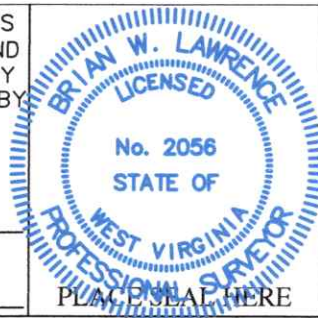
SCALE:  
1"=80'

FILE # ROSE CUNNINGHAM #4  
 DRAWING # ROSE CUNNINGHAM #4  
 SCALE 1"=1500'  
 MINIMUM DEGREE OF ACCURACY 1 / 200  
 PROVEN SOURCE OF ELEVATION SURVEY GRADE G.P.S.

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: Brian W. Lawrence  
BRIAN W. LAWRENCE

R.P.E.: \_\_\_\_\_ L.L.S.: 2056



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

DATE: 03/25/2026  
 OPERATORS WELL #: 4  
 API WELL # 47 015 00519  
 STATE COUNTY PERMIT

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

WATERSHED ELK RIVER ELEVATION: 772.85'  
 COUNTY/DISTRICT UNION/CLAY QUADRANGLE: ELKHURST 7.5'  
 SURFACE OWNER STATE OF WV DNR ACREAGE 744.01  
 OIL & GAS ROYALTY OWNER: UNKNOWN ACREAGE 744.01

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: LITTLE LIME ESTIMATED DEPTH: 1360 +/-

WELL OPERATOR UNKNOWN/DEP PLUGGING CONTRACT DESIGNATED AGENT JASON HARMON  
 Address 601 57TH STREET SOUTHEAST Address 601 57TH STREET SOUTHEAST  
 City CHARLESTON State WV Zip Code 25304 City CHARLESTON State WV Zip Code 25304

04/17/2026



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

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## plugging permits issued for 4701500110, 00512, and 00519

1 message

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**Kennedy, James P** <james.p.kennedy@wv.gov> Mon, Apr 13, 2026 at 3:21 PM  
To: Jeremy E James <jeremy.e.james@wv.gov>, Terry Rexroad <var304@aol.com>, Alana C Hartman <alana.c.hartman@wv.gov>, Henry J Harmon <henry.j.harmon@wv.gov>, tdavis@wvassessor.com

To whom it may concern, plugging permits have been issued for 4701500110, 00512, and 00519.

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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)

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### 3 attachments

 **4701500110.pdf**  
2732K

 **4701500512.pdf**  
2745K

 **4701500519.pdf**  
2713K

04/17/2026