



west virginia department of environmental protection

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

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

Monday, June 29, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1
47-087-04847-00-00

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

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

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

H. Jason Harmon
Chief

Operator's Well Number:
Farm Name: SHAFER, CHARLES E ET EX
U.S. WELL NUMBER: 47-087-04847-00-00
Vertical Plugging
Date Issued: 6/29/2026

Promoting a healthy environment.

07/03/2026

PERMIT CONDITIONS

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

CONDITIONS

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

07/03/2026

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 <u>X</u> ____/ Liquid injection ____/ Waste disposal ____/ (If "Gas, Production ____ or Underground storage ____) Deep ____/ Shallow ____	
5) Location: Elevation <u>916.25'</u> District <u>Walton</u>	Watershed <u>Mckown Creek of the Poca River</u> County <u>Roane</u> Quadrangle <u>Kettle 7.5'</u>
6) Well Operator <u>Unknown-WV DEP Paid Plugging</u> Address <u>601 57th St. SE</u> <u>Charleston, WV 25304</u>	7) Designated Agent <u>Jason Harmon</u> Address _____
8) Oil and Gas Inspector to be notified Name <u>Cruise Lawson</u> Address <u>347 Main St</u> <u>Spencer, WV 25276</u>	9) Plugging Contractor Name <u>R&R Well Service LLC</u> Address <u>42 Lynch Ridge</u> <u>Walton, WV 25286</u>

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

RECEIVED
Office of Oil and Gas

MAY 20 2026

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  Date 5/14/26
Cruise Lawson
OOG Inspector

07/03/2026

Plugging Procedure

Date: 05/11/26
API #: 47-087-04847
Operators Well Number: 1

Cruise Lawson
006 Inspector *5/14/26*

USING OFFSET WELL 47-087-00625

Casing Details				
OD (in.)	ID (in.)	Weight/Grade	Depth (ft)	Hole Size (in)
10		NA	65'	NA
8 1/4		NA	685'	NA
6 5/8		NA	1895'	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 1900'.
7. **Plug 1:** Set 500' cement plug from 1900' TO 1400' to cover top of shot hole, gas shows, and salt sand.
8. Free point 6 5/8" casing, rip and pull pipe. If unable to pull casing, Perforate every 100'
9. **Plug 2:** Set 100' Cement plug 50' in and 50' out of cut.
Plug 3: Set cement plug from 975' TO 635' to cover 8 ¼ and elevation
Plug 4: Set cement plug from 235' to surface
Set Monument 30" above ground with Well Name, API Number, and Plug Date.

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Walton
Permit No. 70A-625

WELL RECORD

Oil or Gas Well Oil
(KIND)

Company T.M. Egan
Address c/o J.C. Lining Clendenin, W. Va.
Farm S. A. Flesher # 20 Acres 194
Location (waters) McKown Creek
Well No. 20 Elev. 876.
District Walton County Roane
The surface of tract is owned in fee by S.A. Flesher
Address Walton, W. Va.
Mineral rights are owned by Same
Address _____
Drilling commenced June, 9, 1953
Drilling completed July 17, 1953
Date Shot Aug 10, 1953 from 1020 To 1954
With 25 qt. Glycerine
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume _____ Cu. Ft.
Back Pressure _____ lbs _____ hrs.
Oil Two bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
18			Kind of Packer
13			Bottom Hole
10	65	65	Size of 7" OD
8 1/2	685	None	
6	1895	1895	Depth set 1895'
5 8/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			0	55			
Slate			55	63			
Sand			63	120	Water	90'	
Slate			120	175			
Sand			175	235	Water	185'	
Slate			235	260			
Red Rock			260	270			
Slate			270	336			
Red Rock			336	490			
Slate			490	500			
Red Rock			500	600			
Slate			600	691			
Sand			691	743			
Slate			743	825			
Sand			825	875			
Slate			875	955			
Sand			955	977			
Slate			977	1035			
Sand			1035	1078			
Slate			1078	1110			
Salt Sand			1110	1703	Water	1185	Hole Full
Limo			1703	1710			
Maroon Sand			1710	1773			
Limo			1773	1785			
Slate			1785	1787			
Big Limo			1787	1922			
Big Injun Sand			1922	1957			
Slate			1957				
TOTAL DEPTH			1957				

(Over)

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07/03/2026

1) Date: 5/6/2026
2) Operator's Well Number
1
3) API Well No.: 47 - 087 - 04847

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:

(a) Name

Charles E. Shafer

Address

142 Fleshman Rd

Walton, WV 25286

(b) Name

Address

(c) Name

Address

5) (a) Coal Operator

Name

Address

(b) Coal Owner(s) with Declaration

Name

Address

(c) Coal Lessee with Declaration

Name

Address

6) Inspector

Cruise Lawson

Address

347 Main St

Spencer, WV 25276

Telephone

681-467-9141

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WV Department of

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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.

OFFICIAL SEAL

NOTARY PUBLIC

STATE OF WEST VIRGINIA

RENAE DAWN WHITLOCK

601 57th Street, SE, Charleston, WV 25304

My Commission Expires April 06, 2027

Well Operator

Unknown-WV Dep Paid Plugging Contract

By:

Jason Harmon

Its:

WV Office of oil and gas

Address

601 57th St. SE

Charleston, WV 25304

Telephone

304-926-0452

Subscribed and sworn before me this 29th day of May 2026
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.

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SURFACE OWNER WAIVER

RECEIVED
Office of Oil and Gas
MAY 20 2026
WV Department of
Environmental Protection

Operator's Well
Number 1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

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

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

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

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 Charles H. Hef Date 5-19-26 Name _____
By _____
Its _____ Date _____
Signature _____ Date _____

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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 then five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____/ owner ____/ lessee ____/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

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

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Operator Name Unknown- WV DEP Paid Plugging Contract OP Code _____

Watershed (HUC 10) Mckown Creek of the Poca River Quadrangle Kettle 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: Above ground steel pit

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: _____

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

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

Additives to be used in drilling medium? _____

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.

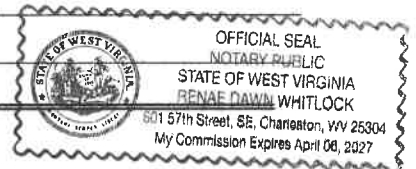
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations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

Company Official (Typed Name) _____

Company Official Title _____



Subscribed and sworn before me this 29th day of May 2026, 20____

Renae Whitlock Notary Public

My commission expires April 6, 2027

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Proposed Revegetation Treatment: Acres Disturbed Less than a acre Preveg etation pH _____

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-10-10

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre

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Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Contractors Mix	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: Cruise Lawson

Comments: Above ground steel pit

Follow E&S Control Manual

Title: OOG Inspector Date: 5/14/26

Field Reviewed? (☒) Yes (☐) No

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

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WV Department of
Environmental Protection

Operator Name: Unknown-WV DEP Paid Plugging Contract
Watershed (HUC 10): Mckown Creek of the Poca River Quad: Kettle 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.

Mckown Creek of the Poca River

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.

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N/A

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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

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

N/A

Signature: _____

Date: _____

MAY 20 2026

WV Department of
Environmental Protection



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-087-04847 WELL NO.: 1

FARM NAME: Shafer

RESPONSIBLE PARTY NAME: _____

COUNTY: Roane DISTRICT: Walton

QUADRANGLE: Kettle 7.5'

SURFACE OWNER: Charles E Shafer

ROYALTY OWNER: Unknown

UTM GPS NORTHING: 4274818.80

UTM GPS EASTING: 467621.17 GPS ELEVATION: 916.25'

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 x : Post Processed Differential _____
Real-Time Differential X _____
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 _____ Title _____ Date _____

07/03/2026

WGS84 38.62130, -81.37195 Δ ± 18 ft Δ ± 26 ft 902 Δ ± 10 NW294



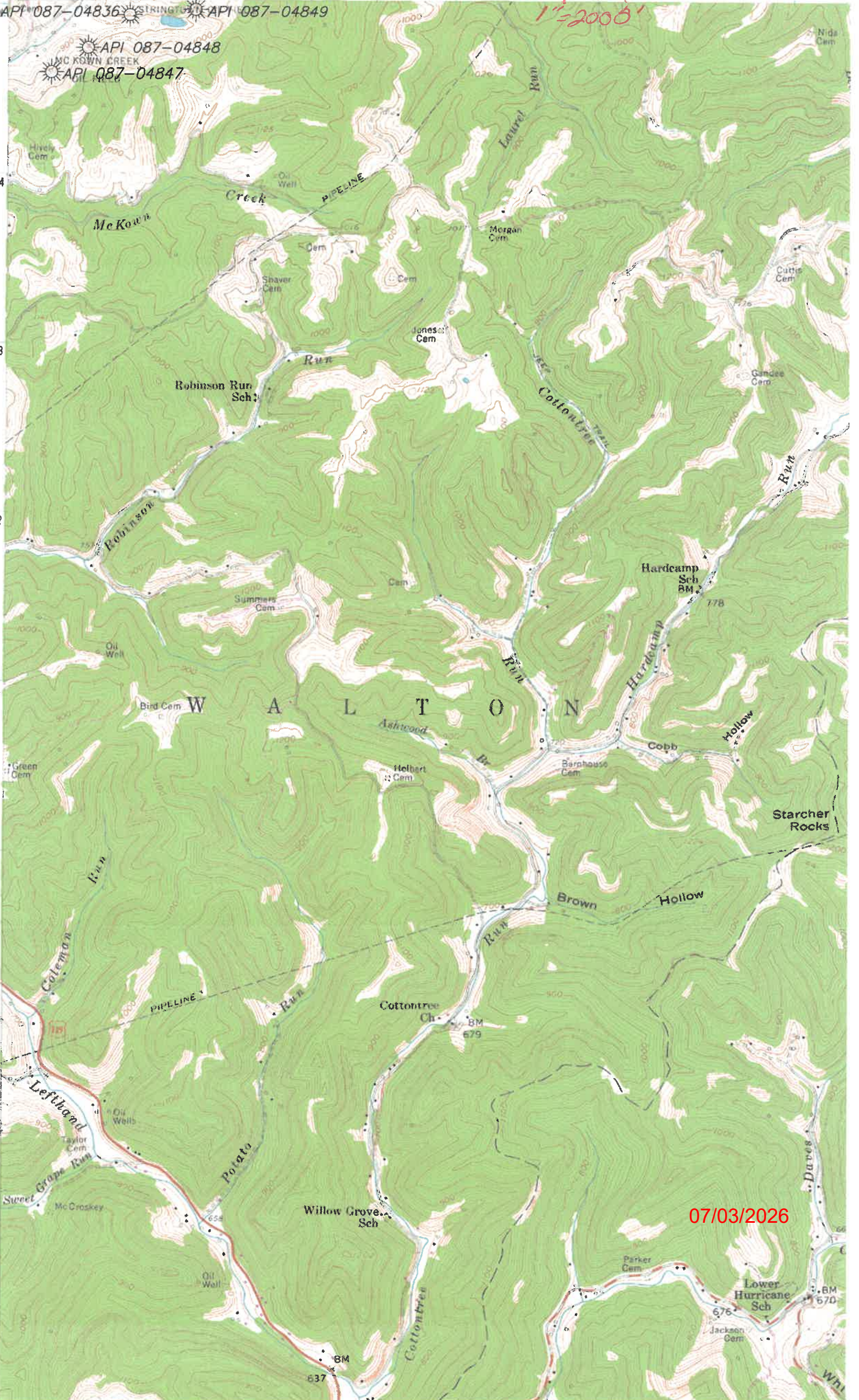
07/03/2026

AXE-087-0888
05May26 14:30 Ad-hoc Test
Walton WV 25286, United States © 05-May-26 14:30:32

C/O QUAD
1"=2000'

API 087-04836 STRINGTOWN API 087-04849

API 087-04848
API 087-04847



07/03/2026



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

plugging permits issued for 4708704847, 04848, 04838, and 04828.

1 message

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

Mon, Jun 29, 2026 at 11:37 AM

To: Cruise A Lawson <cruise.a.lawson@wv.gov>, Terry Rexroad <var304@aol.com>, Douglas C Newlon <Douglas.C.Newlon@wv.gov>, Alana C Hartman <alana.c.hartman@wv.gov>, ewestfall@wvassessor.com, Henry J Harmon <henry.j.harmon@wv.gov>

To whom it may concern, plugging permits have been issued for 4708704847, 04848, 04838, and 04828.

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

4 attachments **4708704847.pdf**
1522K **4708704838.pdf**
1479K **4708704828.pdf**
1535K **4708704848.pdf**
1540K**07/03/2026**