



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

Tuesday, September 2, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

GREYLOCK CONVENTIONAL, LLC
500 CORPORATE LANDING

CHARLESTON, WV 25311

Re: Permit approval for 157
47-039-03530-00-00

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: 157
Farm Name: WEIR 91
U.S. WELL NUMBER: 47-039-03530-00-00
Vertical Plugging
Date Issued: 9/2/2025

Promoting a healthy environment.

09/05/2025

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

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.
4. 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 August 1, 2025
2) Operator's
Well No. 47-039-03530
3) API Well No. 47-039 - 03530

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 x or Underground storage ____) Deep ____ / Shallow x

5) Location: Elevation 920 Watershed _____
District Big Sandy County Kanawha Quadrangle Blue Creek

6) Well Operator Greylock Conventional, LLC. 7) Designated Agent Joe Farris
Address 500 Corporate Landing Address 500 Corporate Landing
Charleston, WV 25311 Charleston, WV 25311

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Terry Urban Name R & R Well Services
Address P.O. Box 1207 Address 42 Lynch Ridge Road
Clendenin, WV 25045 Walton, WV 25286

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

PLEASE SEE ATTACHED

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AUG 20 2025
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

8-18-25

09/05/2025



500 Corporate Landing
Charleston WV 25311

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Weir 91 P&A Procedure:

Casing Details				
OD (in)	Weight & Grade	Depth (ft)	Hole Size	Cement (ft ³)
6-5/8"	NA	1590	NA	NA

Plug Table				
Plug #	To Cover	Top	Bottom	Plug Height
1	Producing Zone	1770	1996	226
2	6-5/8 Casing Shoe	1640	1740	100
3	Casing cut (if necessary)	?	?	100
4	Elevation	1082	1182	100
5	Surface	Surface	100	100

1. Notify the inspector at least 24 hours prior to conducting abandonment operations.
2. Blow down well
3. POOH with Tubing, RIH and confirm TD and fill depth.
4. Prep for cement. NOTIFY INSPECTOR OF TAG DEPTH.
5. Lead 6% with gel spacer on all cement plugs.
 - a. Note: Class A or Class L can be used for cement plugs.
6. **Plug 1:** Set cement plug from **1996' (or Approved Tag Depth)-1770'** to cover producing zone (1820'-1996').
7. **Plug 2:** Set 100' cement plug from **1740'-1640'** just below 6-5/8" casing shoe.
8. Attempt to POOH 6-5/8" casing. If hung, free point.
9. **Plug 3:** If necessary, set 100' cement plug across casing cut (50' inside, 50' on top)
10. **Plug 4:** Set 100' cement plug from **1182' - 1082'** to cover elevation (1132').
 - a. If pipe is cut above elevation, perf as needed for inside outside plug.
11. **Plug 5:** Set 100' cement plug from **100'-Surface'**.
 - a. **NOTE:** Confirm ZERO annular gas migration before pumping surface plug.
12. Set monument 30" above ground with Well Name, API and plug date.

*Operator to Cover with Cement all OO's formatters
include Salt, Elevation, Coals, Freshwater ~~injection~~*

*August 18th
8-18-25*

09/05/2025

		Greylock Energy	
		WEIR #91	
		API #:47-039-03530	
		Casing and Cementing Details	
		Kanawha Co., WV	
Casing Size	Hole Size	Detailed Description	
		Plug 5: 100' Plug from 100'-surface RECEIVED Office of Oil and Gas AUG 20 2025 WV Department of Environmental Protection	
		Plug 4: 100' Plug from 1182'-1082' to cover elevation (1132') Plug 3: (If necessary) 100' Plug to cover casing cut. Plug 2: 100' Plug from 1740'-1640' just below 6-5/8" casing shoe (1590') Plug 1: 456' Plug from 1996' or Approved Tag Depth-1540' to cover open hole 6-5/8" TD: 1590' Open Hole TD: 1996' Legend -Existing Cement -Planned Plugging Cement CAN be Combined	



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD

Quadrangle CLEN. (15')

Permit No. _____

Rotary _____ Oil _____
Cable xxx Gas xxx
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

DRILLED PRIOR TO 1929 !

Company Ray Resources, Div. of F.D.O.C.
Address Charleston, W. Va. 25301
Farm Falling Rock Property Acres 3990
Location (waters) Falling Rock Ck
Well No. 91 Elev. 920'
District Big Sandy County Kanawha
The surface of tract is owned in fee by _____
Ray Resources, Div. of F.D.O.C.
Address Charleston, W. Va. 25301
Mineral rights are owned by Ray Resources, Div.
of F.D.O.C. Address CHARLESTON, W. VA. 25301
Drilling Commenced PRIOR TO 1929
Drilling Completed " " "
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details: _____

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cand.			
13-10"			
9 5/8			
8 5/8			
6 5/8"	1590	1590	
5 1/2			
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet
Producing Sand Weir _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
	<u>Weir</u>		<u>1800</u>	<u>1965</u>	<u>?</u>	
	<u>TD</u>			<u>1996</u>		

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* Indicates Electric Log tops in the remarks section.

(over)

09/05/2025

API 47-039-3530

NO. 91- Well Completed -
Elevation -

10/21/21
1132'

XT

2/10/21

Big Lime

1580

1721

Gas -

1820'-1838'

Sand

1721

1731

1882'-1889'

Red Rock

1731

1770

Oil -

1925'- Black

Slate and Sand

1770

1800

Weir

1800

1965

7" Casing - 1590'

Slate

1965

1996

Total Depth

1996'

14

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09/05/2025

Lease No. 73235 Acres 27.227 Farm Name Yawkey & Freeman
 Map 174W 1 Mi. S of Lake Waters of Sycamore Dr. of Craddock P. of

N. 104E. W. 75	Location Made	Purchased
Civil District Logan	Rig Completed Dec. 19, 1923	Date Purc
County Logan	Dr'g Commenced Jan. 9, 1924	Sold To
State West Virginia	Dr'g Completed May 15, 1924	Date Sold
GAS Oil Rights Owned By	Dr'g Contractor S.P.Drlg. Tools	Date Abar

FORMATION					CASING		
Kind	Top	Bottom	Steel Line Measurement	Tests	Size	Bottom Casing (Steel Line)	Put in (Tally)
Sand & Grv.		14			10		309
Lime & Slt.	14	60			8 1/4		1327
Coal	60	65			6 5/8		1782
Lime	65	97			5 3/16		1968
"ater H. Full		68			2" NE	1897	
Slate	97	102					
Coal Blossom	101	102					
Lime & Sand	102	145					
Sand	145	185					
Lime & Slt.	185	235					
Sand	235	250					
Lime	250	305					
10" Casing		302					
Lime & Slt.	305	345					
Lime	345	390					
Lime & Slt.	390	465					
Sand	465	530					
Lime	530	570					
Sand (Grampus)	570	778					
Lime	778	870					
Salt Sand	870	1015					
Gas		886					
Lime & Slt.	1015	1085					
2nd Slt. Snd.	1085	1187					
Lime	1187	1223					
Red Rock	1223	1229					
Lime	1229	1250					
Red Rock	1250	1262					
Lime	1262	1278					
Red Rock	1278	1310					
Lime	1310	1315					
8 1/4 Casing		1313					
Red Rock	1315	1340					
Lime	1340	1360					
Slate & Shl.	1360	1455					
Red Rock	1455	1474					
Lime	1474	1545					
Red Rock	1545	1550					
Lime	1550	1560					
Slate	1560	1572					

PACKERS		
Kind		Size
1 6 5/8 Steel Casing		

TORPED		
Date	No. Qts.	Size Sh
9/25-36	1380	

DRILLIN		
Commenced	Completed	

ABANDONM		
Filled With	From	

886 22/10 W.3" C
drowned out

1313

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WELL PLUGGED TO
BENEANSAP. DRY.
TUBING PULLED.
WELL PRODUCING.

Cemented

886 22/10 W.3" C
drowned outRECEIVED
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AUG 20 2025

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Environmental Protection

PACKERS

Kind	Size
1 6 5/8 Steel Casing	

TORPED

Date	No. Qts.	Size Sh
9/75-36	1380	

Just before a
or after a

DRILLIN

Commenced	Completed

ABANDONM

Filled With	From
WELL PULLED TO BEFORE SAND DRY TUBING PULLED WELL PRODUCING	

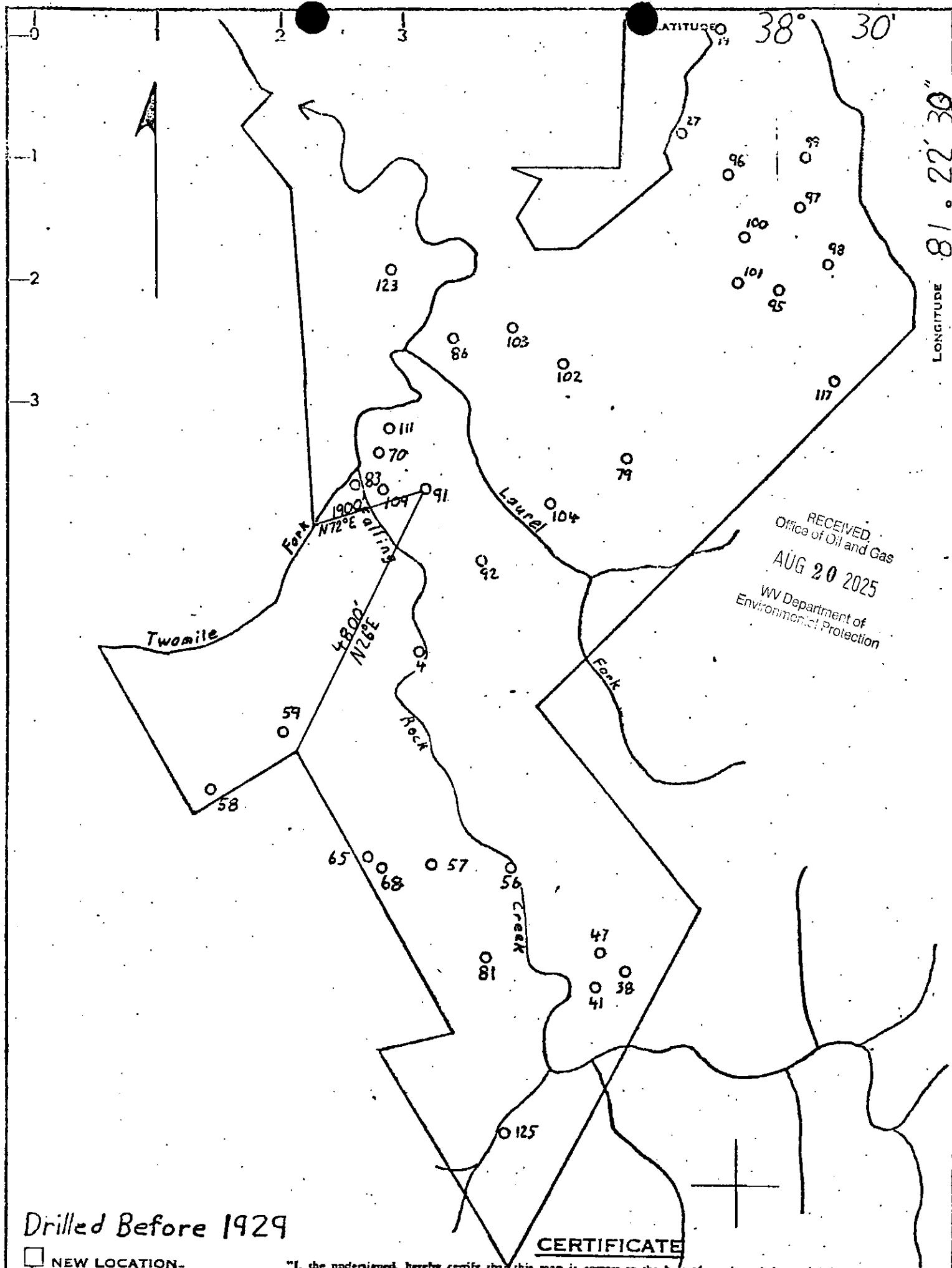
Berle

APPROVED

09/05/2025

Initial Prod.	Sand	At Completion	30 Days After	
Oil				
Gas	12/10 M.	3" Opening	H1000 MEF.	
It	H-58			

★ Oil in Barrels.



COMPANY RAY RESOURCES DIV. FDOC.
 ADDRESS 630 COMMERCE SQ.
 FARM FALLING ROCK
 MAP _____ ACRES 3990 LEASE NO. _____
 WELL (FARM) NO. 91 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 920' top
 QUADRANGLE Blue Creek
 COUNTY KANAWHA DISTRICT BIG SANDY
 POINT OF PROVEN ELEVATION _____
 FILE NO. _____ DRAWING NO. _____
 DATE Feb 5, 1979 SCALE 1"=2000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION 09/05/2025
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. _____

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 — DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

WW-4A
Revised 6-07

1) Date: June 1, 2025
2) Operator's Well Number
47-039-03530
3) API Well No.: 47 - 039 - 03530

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 <u>Heartwood Forest Land Fund VII</u> Address <u>8809 Lenox Pointe Drive, Unit B</u> <u>Charlotte, NC 28273</u> (b) Name _____ Address _____ (c) Name _____ Address _____ 6) Inspector <u>Terry Urban</u> Address <u>P.O. Box 1207</u> <u>Clendenin, WV 25045</u> Telephone <u>(304) 549-5915</u>	5) (a) Coal Operator Name _____ Address _____ (b) Coal Owner(s) with Declaration Name <u>Jim C. Hamer Company</u> Address <u>P.O. Box 418</u> <u>Kenova, WV 25530</u> (c) Coal Lessee with Declaration Name _____ Address _____
---	---

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AUG 20 2025
WV Department of
Environmental Protection

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

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

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Greylock Conventional, LLC.
By: Gavin M. Reed
Its: Asset Development Manager
Address 500 Corporate Landing
Charleston, WV 25311
Telephone (304) 925-6100

Subscribed and sworn before me this 13th day of August 2025
Melissa A. Knuckles Notary Public
My Commission Expires July 20, 2030

Oil and Gas Privacy Notice

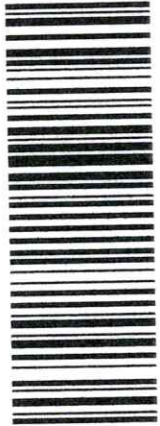
The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory 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.



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R G Y 500 Corporate Landing
Charleston, WV 25311



7022 2410 0002 1377 2907

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US POSTAGE PAID PITNEY BOWES
ZIP 25311 \$012.14⁰
02 4W
0000368130 AUG 20 2025

Heartwood Forest Land Fund VII
8809 Lenox Pointe Drive, Unit B
Charlotte, NC 28273

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AUG 20 2025
WV Department of
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SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Heartwood Forestland Fund VII
8809 Lenox Pointe Unit B
Charlotte, NC 28273



9590 9402 8423 3156 9386 86

7022 2410 0002 1377 2907

COMPLETE THIS SECTION ON DELIVERY

- A. Signature ☐ Agent ☐ Addressee
- B. Received by (Printed Name) ☒ C. Date of Delivery
- D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
- ☐ Adult Signature
 - ☐ Adult Signature Restricted Delivery
 - ☐ Certified Mail®
 - ☐ Certified Mail Restricted Delivery
 - ☐ Collect on Delivery
 - ☐ Collect on Delivery Restricted Delivery
 - ☐ Insured Mail
 - ☐ Insured Mail Restricted Delivery (over \$500)
 - ☐ Priority Mail Express®
 - ☐ Registered Mail™
 - ☐ Registered Mail Restricted Delivery
 - ☐ Signature Confirmation™
 - ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

PS Form 3811, July 2020 PSN 7530-02-000-9053

09/05/2025

REYLOCK

E R G Y

500 Corporate Landing
Charleston, WV 25311



7022 2410 0002 1377 2914



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Jim Hamer Co
PO Box 418
Kenova, WV 25830

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Office of Oil and Gas
AUG 20 2025
WV Department of
Environmental Protection

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Jim Hanes Co
PO Box 418
Kenia WY 8330



9590 9402 9129 4225 6237 73

2. Article Number (Transfer from previous label)

7022 2410 0002 1377 2911

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☒ X

☐ Agent

☐ Addressee

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☒ Adult Signature
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Certified Mail®
- ☐ Signature Confirmation™
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

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PLUGGING PERMIT CHECKLIST

Plugging Permit

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☒	WW-4B	
☒	WW-4B signed by inspector	
☒	WW-4A	
☒	SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL	
☒	COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL	
☒	WW-9 PAGE 1 (NOTARIZED)	
☒	WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application	
☒	WW-9 GPP PAGE 1 and 2 if well effluent will be land applied	
☒	RECENT MYLAR PLAT OR WW-7	
☒	WELL RECORDS/COMPLETION REPORT	
☒	TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED	
☒	MUST HAVE VALID BOND IN OPERATOR'S NAME	
☐	CHECK FOR \$100 IF PIT IS USED	

WW-9
(5/16)

API Number 47 - 039 - 03530
Operator's Well No. _____

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

Operator Name Greylock Conventional, LLC. OP Code 494521205

Watershed (HUC 10) _____ Quadrangle Blue Creek

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 ☒ 14

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: Yes, tank returns at tanks

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

-If oil based, what type? Synthetic, petroleum, etc. n/a

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. No cuttings expected

-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 Gavin M. Reed

Company Official (Typed Name) Gavin M. Reed

Company Official Title Asset Development Manager

Subscribed and sworn before me this 13th day of August, 20 25

Melissa A. Knuckels Notary Public

My commission expires July 20, 2025



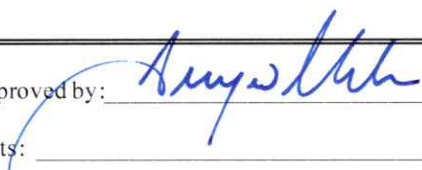
Proposed Revegetation Treatment: Acres Disturbed 1.0 Prevegetation pH _____Lime 3 Tons/acre or to correct to pH 6.5Fertilizer type 10-10-20Fertilizer amount 500 lbs/acreMulch Hay Bales Tons/acreSeed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
ORCHARD GRASS	12	ORCHARD GRASS	12
LANDINO CLOVER	3	LANDINO CLOVER	3
TIMOTHY	10	TIMOTHY	10

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 

Comments: _____

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Title: Inspect Oil & Gas Date: 8.18.25Field Reviewed? (☒) Yes (☐) No

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

Operator Name: Greylock Conventional, LLC.

Watershed (HUC 10): _____ Quad: Blue Creek

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 - no discharge of fluids

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

Closed loop system, all returns will be taken in tanks and hauled to WVDEP approved facility.

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

N/A

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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.

09/05/2025

N/A

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

Greylock will not use any waste material for deicing or fill material on property

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

N/A SEE SECTION 2

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

Daily inspections of equipment will be preformed

Signature: _____

Date: _____

09/05/2025



May 28, 2025

WV Department of Environmental Protection
601 57th Street
Charleston, WV 25304

Re: 2022-13 Variance that allows the use of Class L cement in place of Class A cement for well plugging.

To Whom It May Concern:

Please see the attached order 2022-13 Variance that allows the use of Class L cement in place of Class A cement for well plugging. Greylock Conventional, LLC. wishes to use the Class L option at the time of plugging.

If you have questions, or need any additional information, please feel free to contact me.

Thank you,

A handwritten signature in blue ink that reads "Melissa Knuckles".

Melissa Knuckles
Permitting & Bond Specialist
Greylock Energy, LLC.
mknuckles@greylockenergy.com
(304) 925-6100 Office
(304) 389-1441 Cell

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Office of Oil and Gas
AUG 20 2025
WV Department of
Environmental Protection



west virginia department of environmental protection

Office of Oil and Gas
601 57th 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

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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.

09/05/2025

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.

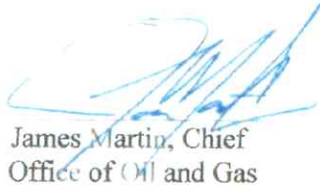
ORDER

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

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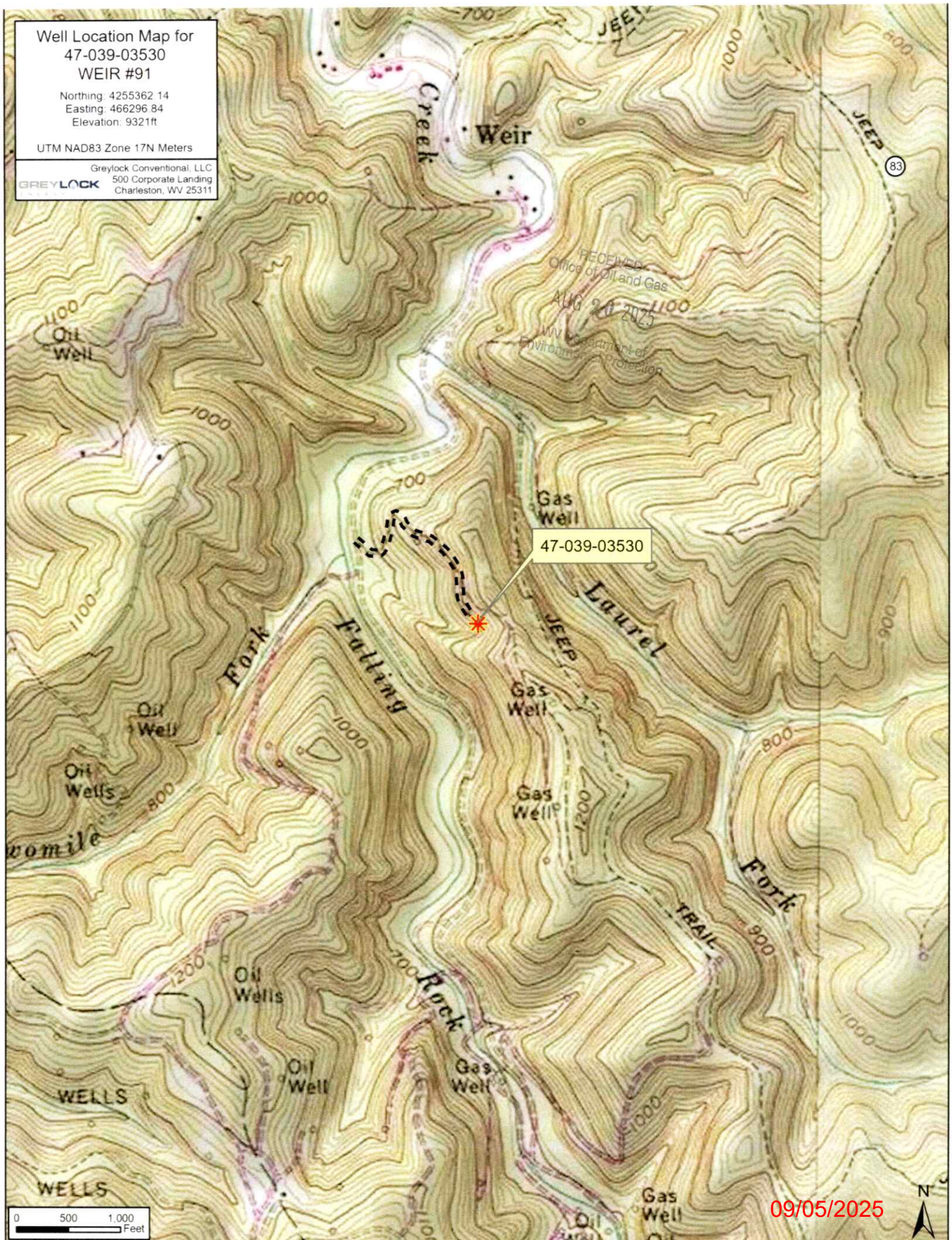
09/05/2025

Well Location Map for
47-039-03530
WEIR #91

Northing: 4255362.14
Easting: 466296.84
Elevation: 9321ft

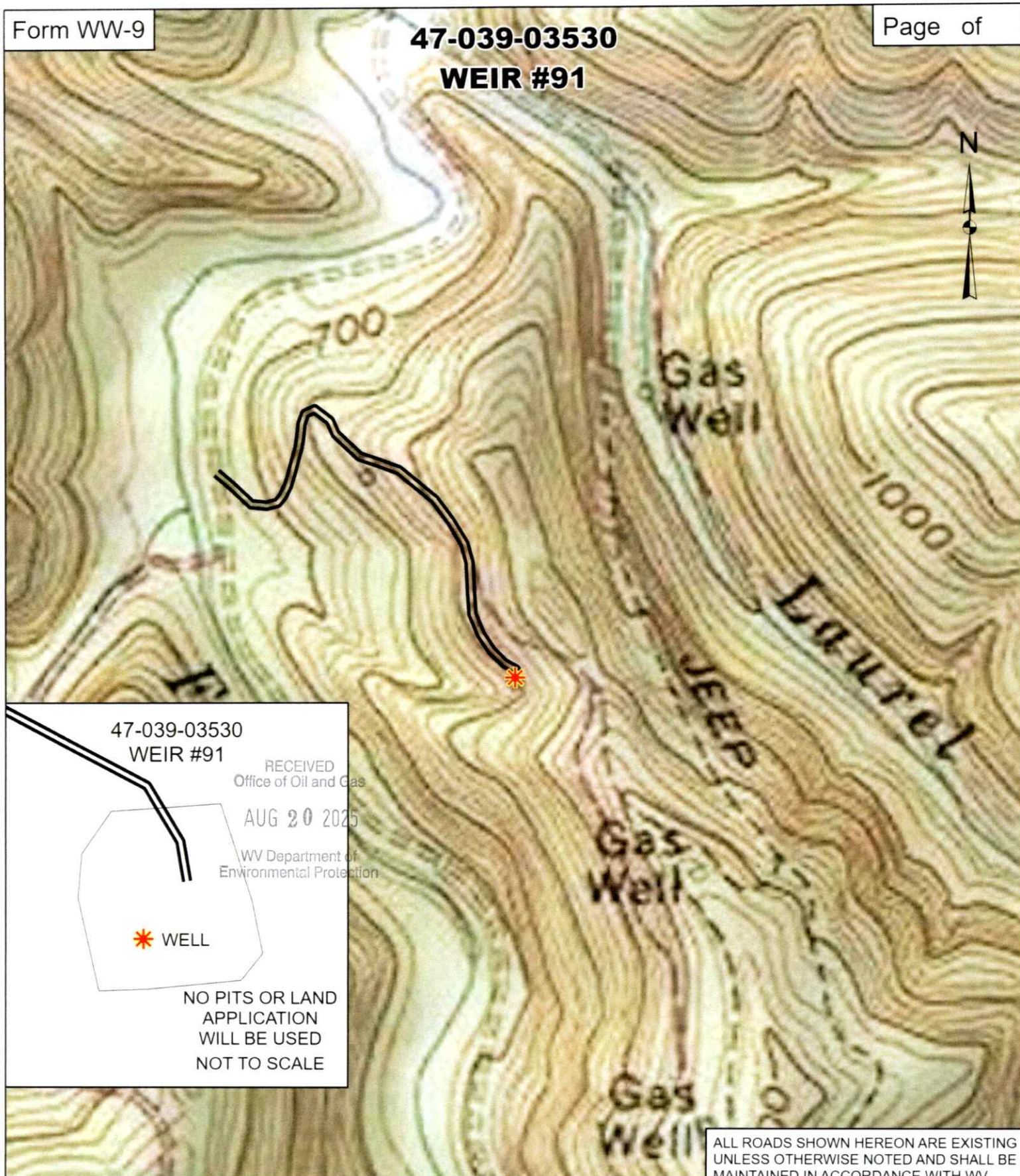
UTM NAD83 Zone 17N Meters

GREYLOCK
Greylock Conventional, LLC
500 Corporate Landing
Charleston, WV 25311



09/05/2025

WEIR #91

47-039-03530
WEIR #91RECEIVED
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* WELL

NO PITS OR LAND
APPLICATION
WILL BE USED
NOT TO SCALE**GREYLOCK**
ENERGY

Greylock Conventional, LLC

500 Corporate Landing Charleston, WV 25311
304-925-6100 - www.greylockenergy.com

Date: 8/7/2025

0 150 300 600 900 1,200

Feet

1:6,000

TOPO SECTION OF USGS
BLUE CREEK 7.5' QUADRANGLE

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY D.O.T.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFYING THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

09/05/2025

WW-7
8-30-06



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

API: 47-039-03530 WELL NO.: 91

FARM NAME: Weir

RESPONSIBLE PARTY NAME: Greylock Conventional, LLC

COUNTY: Kanawha DISTRICT: Big Sandy

QUADRANGLE: Blue Creek

SURFACE OWNER: Heartwood Forest Land Fund VII

ROYALTY OWNER: Jim C. Hamer Company

UTM GPS NORTHING: 4255362.144

UTM GPS EASTING: 466296.842 GPS ELEVATION: 932 ft

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 X

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.

Jim Y
Signature

Asset Dev. Manager
Title

8/15/25
Date

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AUG 20 2025
WV Department of
Environmental Protection

09/05/2025

WW-4B

API No. 47-039-03530

Farm Name _____

Well No. Weir 91

**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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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 _____

09/05/2025

SURFACE OWNER WAIVER

Operator's Well
Number

47-039-03530

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,

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

Signature

Date

09/05/2025



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

plugging permits issued 4703903530 4703903376 4703903371

1 message

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

Tue, Sep 2, 2025 at 10:17 AM

To: Terry W Urban <terry.w.urban@wv.gov>, "Knuckles, Melissa" <mknuckles@greylockenergy.com>, sallierobinson@kanawha.us

To whom it may concern, plugging permits have been issued for 4703903530 4703903376 4703903371.

--

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

3 attachments **4703903371.pdf**
2904K **4703903376.pdf**
2832K **4703903530.pdf**
3586K**09/05/2025**