



---

west virginia department of environmental protection

---

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Wednesday, June 11, 2025  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

GREYLOCK CONVENTIONAL, LLC  
500 CORPORATE LANDING

CHARLESTON, WV 25311

Re: Permit approval for 55  
47-005-00396-00-00

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: YAWKEY-FREEMAN  
U.S. WELL NUMBER: 47-005-00396-00-00  
Vertical Plugging  
Date Issued: 6/11/2025

# 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 June 1, 2025  
2) Operator's  
Well No. \_\_\_\_\_  
3) API Well No. 47-005 - 00396

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 2263 Watershed Spruce Fork  
District Washington County Boone Quadrangle Madison
- 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**

RECEIVED  
Office of Oil and Gas  
MAY 30 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 5-28-25

06/13/2025

500 Corporate Landing  
Charleston WV 25311

**Yawkey Freeman 55 P&A Procedure:**

Casing Details				
OD (in)	Weight & Grade	Depth (ft)	Hole Size	Cement (sks)
10"	NA	24	NA	NA
8-1/4"	NA	452	NA	NA
6-5/8"	NA	1537	NA	NA
Open Hole	NA	2263	NA	NA

Plug Table				
Plug #	To Cover	Top	Bottom	Plug Height
1	6-5/8" casing shoe	1487	1587	100
*2*	Casing cut (50' in 50' out)	?	?	100
3	Elevation	1143	1243	100
4	Water	650	800	150
5	8-1/4" casing shoe	402	502	100
*6*	Casing cut (50' in 50' out)	?	?	100
7	Surface	Surface	100	100
*If free pipe exists*				

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, **CLASS L** can be used for cement plugs.
6. **Plug 1:** Set cement plug from **TD 1487'** to cover 6-5/8" casing shoe (1537') and open hole. **2263**
7. If free pipe exists, free point 4.5" casing, rip and pull pipe. If not, proceed to plug 3.
8. **Plug 2:** Set 100' cement plug across casing cut (50' inside, 50' on top).
9. **Plug 3:** Set 100' cement plug from **1243' - 1143'** to cover elevation (1193').
10. **Plug 4:** Set 100' cement plug from **800' - 650'** to cover water (735').
11. **Plug 5:** Set 100' cement plug from **502' - 402'** to cover 8-1/4" casing shoe (452').
12. If free pipe exists, free point 4.5" casing, rip and pull pipe. If not, proceed to plug 7.
13. **Plug 6:** Set 100' cement plug across casing cut (50' inside, 50' on top).
14. **Plug 7:** Set 100' cement plug from **100' - Surface'**.
  - a. **NOTE:** Confirm ZERO annular gas migration before pumping surface plug.
15. Set monument 30" above ground with Well Name, API and plug date

*Operator to Cover with Cement all Formations including Salt, Elevation, Coals, Freshwater Pull all Free Pipe*  
*5-28-25*

RECEIVED  
Department of Oil and Gas  
MAY 30 2025  
WV Department of  
Environmental Protection

06/13/2025



## Energy Corporation of America

Yawkey Freeman #55

47-005-00396

Boone County, WV

Current Wellbore

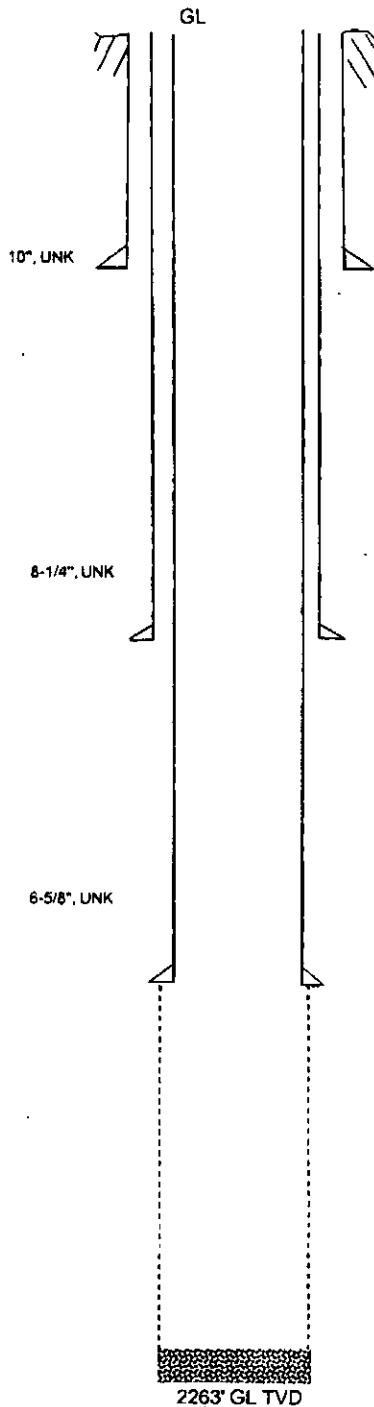
Created by: ERA Date: 02/25/2013

### Casing Specifications

Depth (ft) GL	Casing Wt & Grade	Burst (psi)	Col (nsl)	Body Yield (Mlbs)	Wall	ID	Drift Dia.	Volume (bbls/ft)	TOC	Cement Volume
24	10", UNK								UNK	
452	8-1/4", UNK								UNK	
1537	6-5/8", UNK								UNK	

### Notes

No Conductor Pipe Noted  
Unknown Treatment Schedule  
1668 gal Acid used from 1609'-1718'  
Unknown Cement Program  
Unknown Hole Sizes



O.W.S. Conical Sleeve 2"x6-5/8"x16"@1720'

06/13/2025



Lease No. 73235.

Acres 221.

Farm Name

Yawkey-Fred

Map 1-54-W

2 1/2 Mi. from Turtle Creek

Waters of Branch of

N. S. 98. E. W. 71.

Location Made Oct. 12, th 37.

Purchase

Civil District Washington,

Rig Completed Furnished by Contractor Date F

County Boone,

Dr'g Commenced Nov. 12, th 1937. Sold 1

State West Va.

Dr'g Completed Dec. 21, st 1937. Date S

GAS  
Oil Rights Owned By

Dr'g Contractor D. F. Wilson &amp; Sons. Date A

## FORMATION

Blas 1127.20

## CAS

Kind	Top	Bottom	Steel Line Measurement	Tests	Size	Bottom Casing (Steel Line)	F (T)
Surface		60			10"		
Slate & Shells	60	70			8 1/4"		
Sand	70	120			6-5/8"		1
Slate & Shells	120	190					
Sand	190	205					
Water		195	1/2 Bailer per Hr.				
Slate & Shell	205	272					
Lime	272	305					
Slate & Lime	305	400					
Black Slate	400	448					
Salt Sand	448	1181					
Water		735	2-Bailers.				
Do.		750	Hole Full.				
Red Rock	1181	1201					
Lime	1201	1339					
Pink Rock	1339	1389					
Slate & Shells	1389	1488					
Black Lime	1488	1519					
Big Lime	1519	1729					
Gas	1665	1670	1670	Ins. to test.			
Gas	1694	1698	1698	30/10W-2" Opg.			
Big Injun.	1729	1780					
Slate & Shells	1780	2202					
Brown Shale	2202	2219					
Berea	2219	2256	2219				
Gas		2223	2225	6/10W-2" Opg.			
Gas		2230		7/10W-2" Opg.			
Gas		2234		10/10W-2" Opg.			
Gas		2239		10/10W-2" Opg.			
Gas		2244		10/10W-2" Opg.			
Gas		2248		10/10W-2" Opg.			
Gas		2254		10/10W-2" Opg.			
Slate	2256	2263					
Total Depth.		2263	2263				

PACKED

Kind

O.W.S. Conical 2X6-  
Sleeve.

TORP

Date No. Qts. Size

1-3-38. 80 5&amp;5

17-18-37 1668 Gal 6/10 W.

Acid Treatment

1670 Ins. to test.

1698 30/10W-2" Opg.

DRILL

Commenced Completed

ABANDON

Filled With From

Initial Prod. Sand \* At Completion \* 30 Days After \*

Oil				
Gas	Berea	133,000		
	103,000			

APPROVED 08/13/2025

H.S.

# REPAIRS TO WELL

Commenced	Completed	DRILLED DEEPER		Shot (No. Quarts)	TESTS BEFORE		TESTS AFTER		ROCK PRESSURE		Remarks
		From	To		Oil	Gas	Oil	Gas	Before	After	

# VOLUME AND PRESSURE TESTS

Date	Reading	Liquid	Opening	Tubing or Casing	Line Pressure	MINUTES										Rock Pressure	Time (Hours)	Volume	San
						1	2	3	4	5	10	15	60						
1-19-38	70/10	Water	2"			35	40	45	47	50	62	70	110	170	24		Berea		

# PRODUCTION

Year	Barrels	Year	Barrels

# REMARKS

--

06/13/2025

1) Date: June 1, 2025  
2) Operator's Well Number \_\_\_\_\_  
3) API Well No.: 47 - 005 - 00396

**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 _____ Address _____ Newton, WV 25266	Name _____ Address _____
(b) Name _____ Address _____	(b) Coal Owner(s) with Declaration Name _____ Address _____ 1025 N. Main Street Suite 2 Milton, WV 25541
(c) Name _____ Address _____	Name _____ Address _____
6) Inspector _____ Address _____ Telephone _____ Terry Urban P.O. Box 1207 Clendenin, WV 25045 (304) 549-5915	(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 \_\_\_\_\_  
By: Gavin M. Reed *G.M.R.*  
Its: Asset Development Manager  
Address 500 Corporate Landing  
Charleston, WV 25311  
Telephone (304) 925-6100

RECEIVED  
Office of Oil and Gas  
MAY 30 2025  
WV Department of  
Environmental Protection

Subscribed and sworn before me this 28th day of May 2025  
*Melissa A. Knuckles*  
My Commission Expires July 20, 2025

Notary



**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).

06/13/2025



7022 2410 0002 1377 2853

U.S. Postal Service <sup>TM</sup> CERTIFIED MAIL <sup>®</sup> RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> <sup>®</sup> .	
OFFICIAL USE	
Certified Mail Fee \$	Postmark Here
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 \$	
Sent To	
Tempest Energy Corp	
PO Box 711	
Newton WV 25266	
City, State, ZIP+4	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

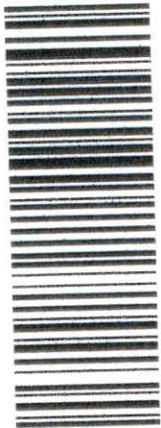
RECEIVED  
Office of Oil and Gas  
MAY 30 2025  
WV Department of  
Environmental Protection

06/13/2025

GREYLOCK

E N E R G Y

500 Corporate Landing  
Charleston, WV 25311



7022 2410 0002 1377 2853


**Tempest Energy Corporation  
P.O. Box 711  
Newton, WV 25266**

RECEIVED  
Office of Oil and Gas

MAY 30 2025

WV Department of  
Environmental Protection

05/10/2025

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p style="font-size: 1.2em; margin-left: 20px;">Tempest Energy Corp PO Box 711 Newton W 25266</p> <div style="text-align: center;">             9590 9402 8618 3244 9706 62         </div> <p>2. Article Number (Transfer from service label)</p> <p style="font-size: 1.2em; margin-left: 20px;">7022 2410 0002 1377 2853</p>		<p>A. Signature</p> <p style="margin-left: 20px;"><b>X</b></p> <p>B. Received by (Printed Name)</p> <p style="margin-left: 20px;"></p> <p>C. Date of Delivery</p> <p style="margin-left: 20px;"></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p> <p style="margin-left: 20px;"></p>	
<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Adult Signature</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail®</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail (over \$500)</p>		<p><input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	

Domestic Return Receipt

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

RECEIVED  
Office of Oil and Gas

MAY 30 2025

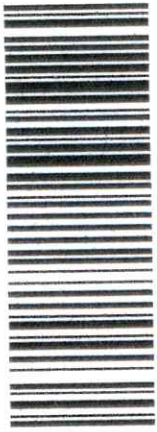
WV Department of  
Environmental Protection

06/13/2025

**GREYLOCK**

500 Corporate Landing  
Charleston, WV 25311

E N E R G Y



7022 2410 0002 1377 2860


**Lexington Coal Company  
1025 N Main St Suite 2  
Milton, WV 25541**

RECEIVED  
Office of Oil and Gas

MAY 30 2025

WV Department of  
Environmental Protection

06/13/2025

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p style="font-size: 1.2em; margin-left: 20px;">Lexington Coal Co. 1025 N Main St. Ste 2 Milton WV 25541</p>		<p>A. Signature</p> <p style="text-align: center; font-size: 1.5em; margin-left: 100px;"><b>X</b></p> <p style="text-align: right; margin-right: 20px;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)</p> <p style="text-align: right; margin-right: 20px;">C. Date of Delivery</p> <p>D. Is delivery address different from item 1? If YES, enter delivery address below:</p> <p style="text-align: right; margin-right: 20px;"><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>2. Article Number (Transfer from service label)</p> <div style="text-align: center;">             9590 9402 8618 3244 9707 61         </div> <p style="font-size: 1.2em; margin-left: 20px;">7022 2410 0002 1377 2860</p>		<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Adult Signature Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail®</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail (over \$500)</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery</p> <p><input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	

Domestic Return Receipt

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

RECEIVED  
Office of Oil and Gas

MAY 30 2025

WV Department of  
Environmental Protection

06/13/2025



7022 2410 0002 1377 2860

U.S. Postal Service <sup>TM</sup> CERTIFIED MAIL <sup>®</sup> RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> <sup>®</sup> .	
OFFICIAL USE	
Certified Mail Fee \$	Postmark Here
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 \$	
Sent To Lexington Coal	
Street and Apt. No. or R.F.D. Box No. 1025 N main st Ste 2	
City, State, ZIP+4 <sup>®</sup> Milton WV 25541	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

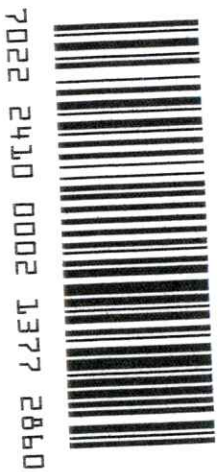
RECEIVED  
Office of Oil and Gas

MAY 30 2025

WV Department of  
Environmental Protection

06/13/2025

**GREYLOCK**  
E N E R G Y  
500 Corporate Landing  
Charleston, WV 25511



**Lexington Coal Company  
1025 N Main St Suite 2  
Milton, WV 25541**

RECEIVED  
Office of Oil and Gas

MAY 30 2025

WV Department of  
Environmental Protection



**US POSTAGE**  
ZIP 25311 \$061.26  
02 4W  
0000368130 MA  
06/13/2025



500 Corporate Landing  
Charleston, WV 25311



7022 2410 0002 1377 2853

RECEIVED  
Office of Oil and Gas

MAY 30 2025

WV Department of  
Environmental Protection



**Tempest Energy Corporation**  
**P.O. Box 711**  
**Newton, WV 25266**

06/13/2025

WW-9  
(5/16)

API Number 47 - 005 - 00396  
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) Spruce Fork Quadrangle Madison

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 ☒ 1W

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 cuttns 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 G. M. Reed

Company Official (Typed Name) Gavin M. Reed

Company Official Title Asset Development Manager

RECEIVED  
Office of Oil and Gas

MAY 30 2025

WV Department of  
Environmental Protection

Subscribed and sworn before me this 28th day of May, 20 25

Melissa A. Knuckles

My commission expires July 20, 2025

Notary Public



06/13/2025

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 MixturesTemporaryPermanent

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

Seed Type	lbs/acre
ORCHARD GRASS	12
LANDINO CLOVER	3
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: \_\_\_\_\_

RECEIVED  
Office of Oil and Gas

MAY 30 2025

WY Department of  
Environmental Protection

Title: Inspect Oil & GasDate: 5-28-25Field Reviewed? ( ☒ ) Yes ( ☐ ) No

06/13/2025



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

Operator Name: Greylock Conventional, LLC.

Watershed (HUC 10): Spruce Fork

Quad: Madison

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

RECEIVED  
Office of Oil and Gas

MAY 30 2025

WV Department of  
Environmental Protection

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.

06/13/2025

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

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

Daily inspections of equipment will be preformed

RECEIVED  
Office of Oil and Gas

MAY 30 2025

WV Department of  
Environmental Protection

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

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

06/13/2025

May 28, 2025

WV Department of Environmental Protection  
601 57<sup>th</sup> 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,



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

RECEIVED  
Office of Oil and Gas  
MAY 30 2025  
WV Department of  
Environmental Protection



west virginia department of environmental protection

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

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

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

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

**ORDER NO. 2022-13**

RECEIVED  
Office of Oil and Gas

**MAY 30 2025**

WV Department of  
Environmental Protection

**REPORT OF THE OFFICE**

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

**FINDINGS OF FACT**

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

**06/13/2025**

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



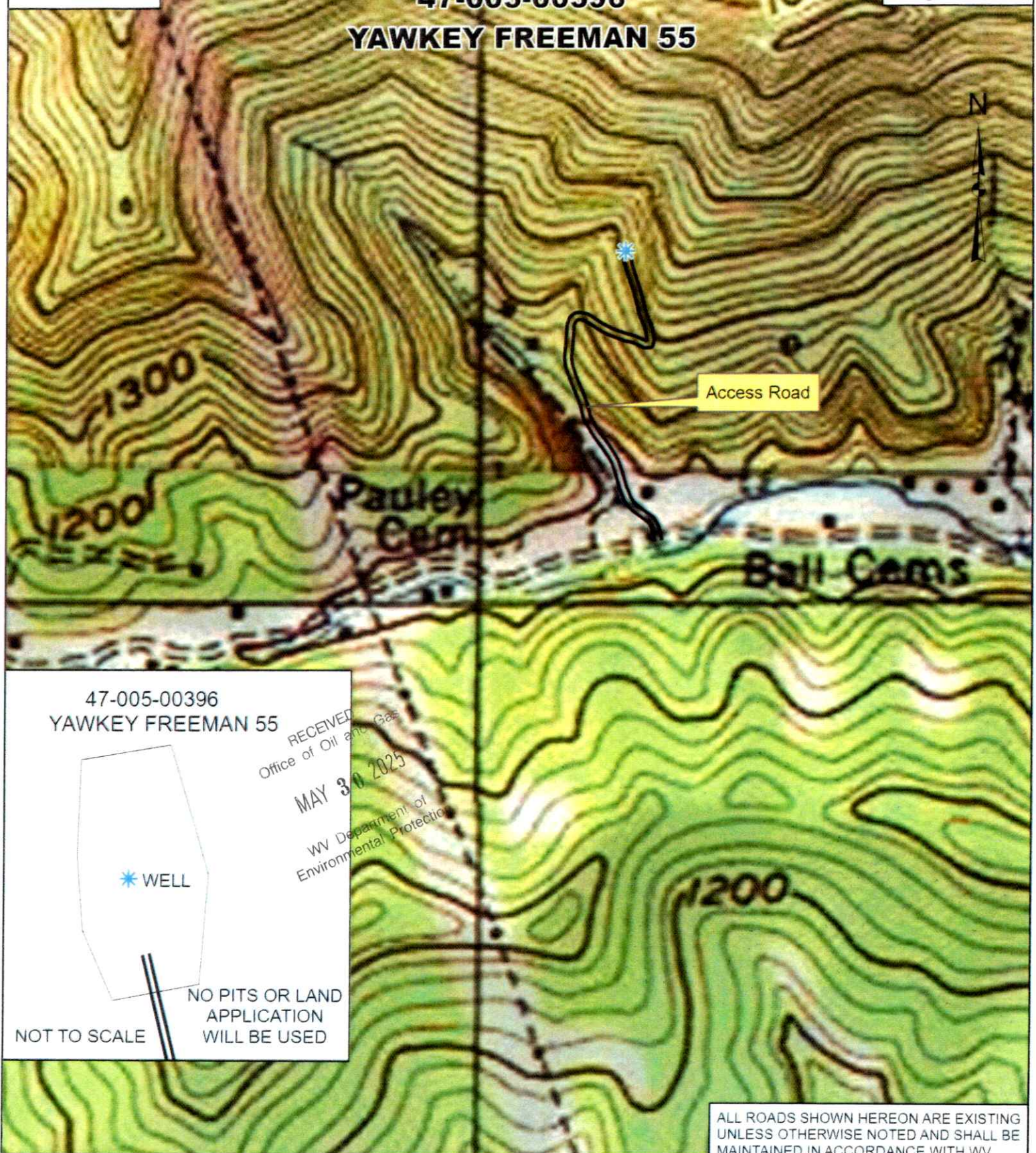
James Martin, Chief  
Office of Oil and Gas

RECEIVED  
Office of Oil and Gas  
MAY 30 2025  
WV Department of  
Environmental Protection

06/13/2025



## YAWKEY FREEMAN 55



47-005-00396  
YAWKEY FREEMAN 55

RECEIVED  
Office of Oil and Gas  
MAY 30 2025  
WV Department of  
Environmental Protection

\* WELL

NOT TO SCALE

NO PITS OR LAND  
APPLICATION  
WILL BE USED

**GREYLOCK**  
ENERGY

Greylock Conventional, LLC

500 Corporate Landing Charleston, WV 25311  
304-925-6100 - [www.greylockenergy.com](http://www.greylockenergy.com)

Date: 4/24/2025

0 150 300 600 900 1,200



Feet

1:6,000

TOPO SECTION OF USGS  
MADISON 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 NOTIFICATION TO THE  
OPERATOR AND INSPECTOR PRIOR TO ANY  
DEVIATION FROM THE PLAN

06/13/2025



Well Location Map for  
47-005-00396  
YAWKEY FREEMAN 55

Northing: 4206415.6628  
Easting: 425179.0099  
Elevation: 1,195 ft

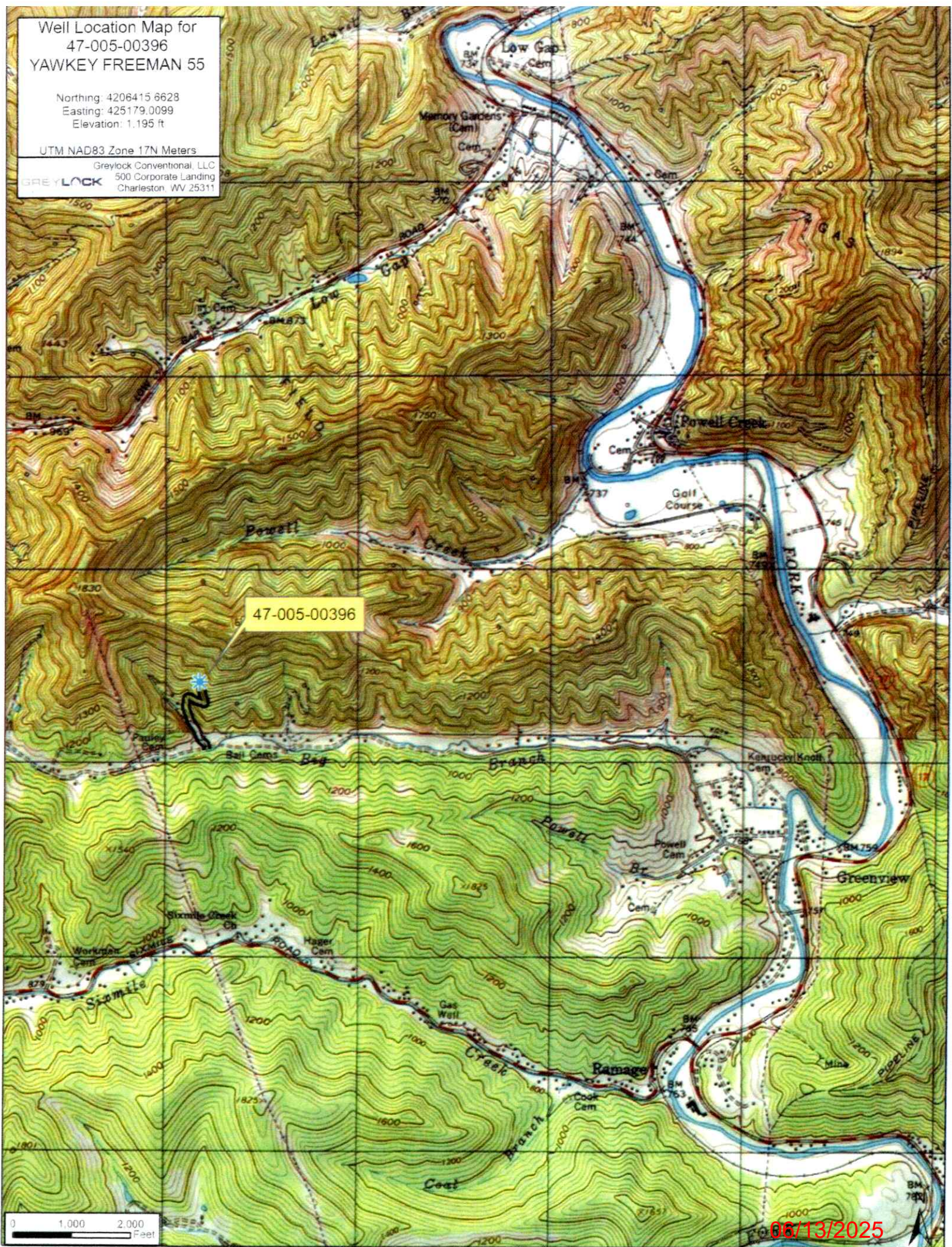
UTM NAD83 Zone 17N Meters

Greylock Conventional, LLC  
500 Corporate Landing  
Charleston, WV 25311

47-005-00396

0 1,000 2,000  
Feet

06/13/2025







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

API: 47-005-00396 WELL NO.: 55  
FARM NAME: YAWKEY FREEMAN  
RESPONSIBLE PARTY NAME: Greylock Conventional, LLC  
COUNTY: Boone DISTRICT: Washington  
QUADRANGLE: Madison  
SURFACE OWNER: Greylock Conventional, LLC.  
ROYALTY OWNER: \_\_\_\_\_  
UTM GPS NORTHING: 4206415.6628  
UTM GPS EASTING: 425179.0099 GPS ELEVATION: 1,195 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 \_\_\_\_

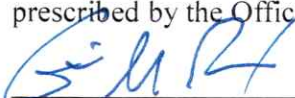
Real-Time Differential \_\_\_\_

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.

  
Signature

Asset Development Manager  
Title

6/1/25  
Date

RECEIVED  
Office of Oil and Gas  
MAY 30 2025  
DEPARTMENT OF  
Environmental Protection

06/13/2025

# SURFACE OWNER WAIVER

Operator's Well  
Number

47-005-00396

## 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

Office of Oil and Gas  
MAY 30 2025  
WV Department of  
Environmental Protection

**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

Date

06/13/2025

API No. 47-005-00396  
Farm Name   
Well No. Yawkey Freeman 55

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.

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.

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.

By: \_\_\_\_\_  
Its \_\_\_\_\_

RECEIVED  
Oil and Gas

Its

RECEIVED  
Office of Oil and Gas

MAY 30 2025

WV Department of  
Environmental Protection

06/13/2025



## PLUGGING PERMIT CHECKLIST

### Plugging Permit

- ☒ 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

RECEIVED  
Office of Oil and Gas  
MAY 30 2025  
WV Department of  
Environmental Protection

06/13/2025



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

---

**plugging permit issued 4700500396**

1 message

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

Wed, Jun 11, 2025 at 2:36 PM

To: "Knuckles, Melissa" &lt;mknuckles@greylockenergy.com&gt;, Terry W Urban &lt;terry.w.urban@wv.gov&gt;, scook@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4700500396.

--

***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)**4700500396.pdf**

3686K

**06/13/2025**