



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, July 14, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

GREYLOCK CONVENTIONAL, LLC
500 CORPORATE LANDING

CHARLESTON, WV 25311

Re: Permit approval for 38
47-067-00576-00-00

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

A handwritten signature in blue ink, appearing to read "James A. Martin", is written over a blue circular stamp.

Operator's Well Number: 38
Farm Name: FEDERAL COAL CO.
U.S. WELL NUMBER: 47-067-00576-00-00
Vertical Plugging
Date Issued: 7/14/2025

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.

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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 1739 Watershed Twenty Mile Creek
District Jefferson County Nicholas Quadrangle Lockwood 7.5
- 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 Jeremy James Name R & R Well Services
Address P.O. Box 36 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

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

Work order approved by inspector



Date

6-17-25

07/18/2025

JUN 19 2025

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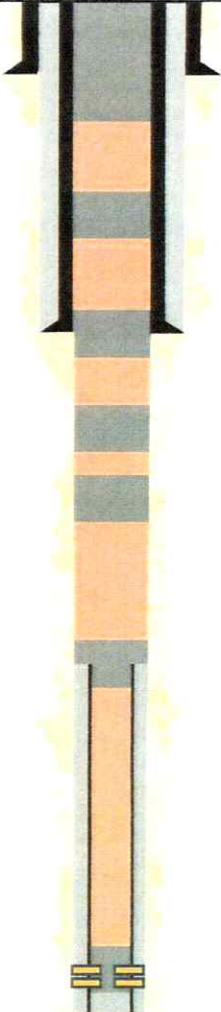

Federal Coal 38 P&A Procedure:

Casing Details				
OD (in)	Weight & Grade	Depth (ft)	Hole Size	Cement (ft ³)
10"	NA	42	NA	NA
8-5/8"	NA	807	NA	225
4-1/2"	NA	2728	NA	200

Plug Table				
Plug #	To Cover	Top	Bottom	Plug Height
1	Perfs	2496	ATD	?
2	Casing cut (50' in 50' out)	?	?	100
3	Elevation	1689	1789	100
4	Salt water zone	1203	1403	200
5	8-5/8" casing shoe	757	857	100
6	Surface and coal seam	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 **Approved Tag Depth - 2496'** to cover perfs (2627' - 2596').
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 **1789' - 1689'** to cover elevation (1739').
10. **Plug 4:** Set 100' cement plug from **1403' - 1203'** to cover saltwater zone (1253' or 1353').
11. **Plug 5:** Set 100' cement plug from **857' - 757'** to cover 8-5/8" casing shoe (807').
12. **Plug 6:** Set 100' cement plug from **100' - Surface'**.
 - a. **NOTE:** Confirm ZERO annular gas migration before pumping surface plug.
 - b. This plug covers coal seam at 35' - 30'.
13. Set monument 30" above ground with Well Name, API and plug date.

07/18/2025

<div>GREYLOCK ENERGY</div>		<div>Greylock Energy</div> <div>Federal Coal #38</div> <div>API #:47-067-00576</div> <div>Casing and Cementing Details</div> <div>Nicholas Co., WV</div>	
<div>Casing Size</div> <div>10" set at 42'</div>		<div>Hole Size</div>	<div>Detailed Description</div> <div>Plug 6: 100' Plug from 100'-surface (Covers coal seam)</div>
<div>Coal seam at 30'-35'</div>			
<div>8-5/8" set at 807'</div>			<div>Plug 5: 100' Plug from 857'-757' to cover 8-5/8" casing shoe (807')</div>
			<div>Plug 4: 200' Plug from 1203'-1403' to cover salt water zone (1253' or 1353')*</div> <div>*Well record unclear of salt depth</div> <div>Plug 3: 100' Plug from 1789'-1689' to cover elevation (1739')</div>
			<div>Plug 2: 100' Across casing cut (50' inside 50' on top)</div> <div></div> <div>Plug 1: Approved Tag Depth -2496' to cover perfs</div>
<div>Perfs: 2627'-2596'</div> <div>4-1/2" set at 2728'</div> <div>TD: 2806'</div>			<div>Legend</div> <div>-Existing Cement</div> <div>-Planned Plugging Cement</div>

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IV-35
(Rev 8-81)



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State of West Virginia

Department of Mines
Oil and Gas Division

Date 11/24/81

Operator's
Well No. #38

Farm Federal Coal Company

API No. 47 - 067 - 0567

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas x / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1739.00 Watershed Twenty Mile Creek

District: Jefferson County Nicholas Quadrangle Lockwood 7.5'

COMPANY Texas International Petroleum

ADDRESS Suite 740, One Valley Square

DESIGNATED AGENT James M. Blanton

ADDRESS Suite 740, One Valley Square

SURFACE OWNER Federal Coal Company

ADDRESS 704 Union Bldg., Charleston, WVA

MINERAL RIGHTS OWNER Same

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK Deo

Mace ADDRESS Sand Ridge, W. Va.

PERMIT ISSUED June, 1981

DRILLING COMMENCED 10/06/81

DRILLING COMPLETED 10/14/81

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON N/A

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Ct. ft.
Size 20-16 Cond.			
11-3/4 13-10"	42'	42'	
9 5/8			
8 5/8	807'	807'	225 sx
7			
5 1/2			
4 1/2	2728'	2728'	200sx
3			
1-1/2"	2603'	2603'	
2			
Liners used			

GEOLOGICAL TARGET FORMATION Big Lime Depth 2596'-2627' feet

Depth of completed well 2806' feet Rotary x / Cable Tools

Water strata depth: Fresh feet; Salt 1253' feet

Coal seam depths: 30-35' Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Big Lime Pay zone depth 2596'-2627' feet

Gas: Initial open flow N/A Mcf/d Oil: Initial open flow Bbl/d

Final open flow 46 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 6 hours

Static rock pressure 300 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)

Second producing formation Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side) 07/18/2025

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforated @ 2596'-2602' w/5 shots, and 2612'-2627' w/8 shots. Spotted 500 gal 15% HCL. Broke down w/hydrostatic PSI. Fraced w/60M# 20/40 sand. Total bbls-596. Highest sand concentration-4 PPG. AIR-24.4 BPM. AIP-2333 PSI. H.P.-1335. ISIP-800 PSI. 5 min-300 PSI and 15 min-200 PSI. Other additives: WGI-750#, WAC-10-350#, Caly sta-2 gal, Losurf-13 gal, GBW3-25#, Penn-5 25 gal, KCL-200#, HLX286-70#, HLX287-300#, K-34-100 and 180MSCFN₂.

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WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Fill	Yellow	Soft	0	2	
Black Shale	Black	Soft	2	4	
Shale	Brown	Soft	4	30	
Coal	Black	Soft	30	35	
Shale	Gray	Soft	35	285	
Sand & Shale	Gray	Medium	285	1140	
Sand	White	Medium	1140	1193	
Shale	Gray	Soft	1193	1336	H ₂ O @ 1353'-1/4"
Sand	White	Medium	1336	1607	
Sand & Shale	Gray	Soft	1607	1631	
Sand	White	Medium	1631	1668	
Shale	Gray	Soft	1668	1742	
Sand	White	Medium	1742	1784	
Shale	Gray	Soft	1784	1895	
Sand	White	Medium	1895	1932	
Sand	White	Hard	1932	1979	
Shale	Gray	Medium	1979	2070	
Shale	Red	Soft	2070	2080	
Sand	White	Medium	2080	2090	
Shale	Gray	Medium	2090	2208	
Shale	gray	Medium	2208	2377	
Sand	Gray	Medium	2377	2430	
Big Lime	White	Medium	2430	2654	
Shale	Gray	Soft	2654	2693	
Sand & Shale	Gray	Medium	2693	2806	TD 7-7/8" hole

(Attach separate sheets as necessary)

Texas International Petroleum Corporation

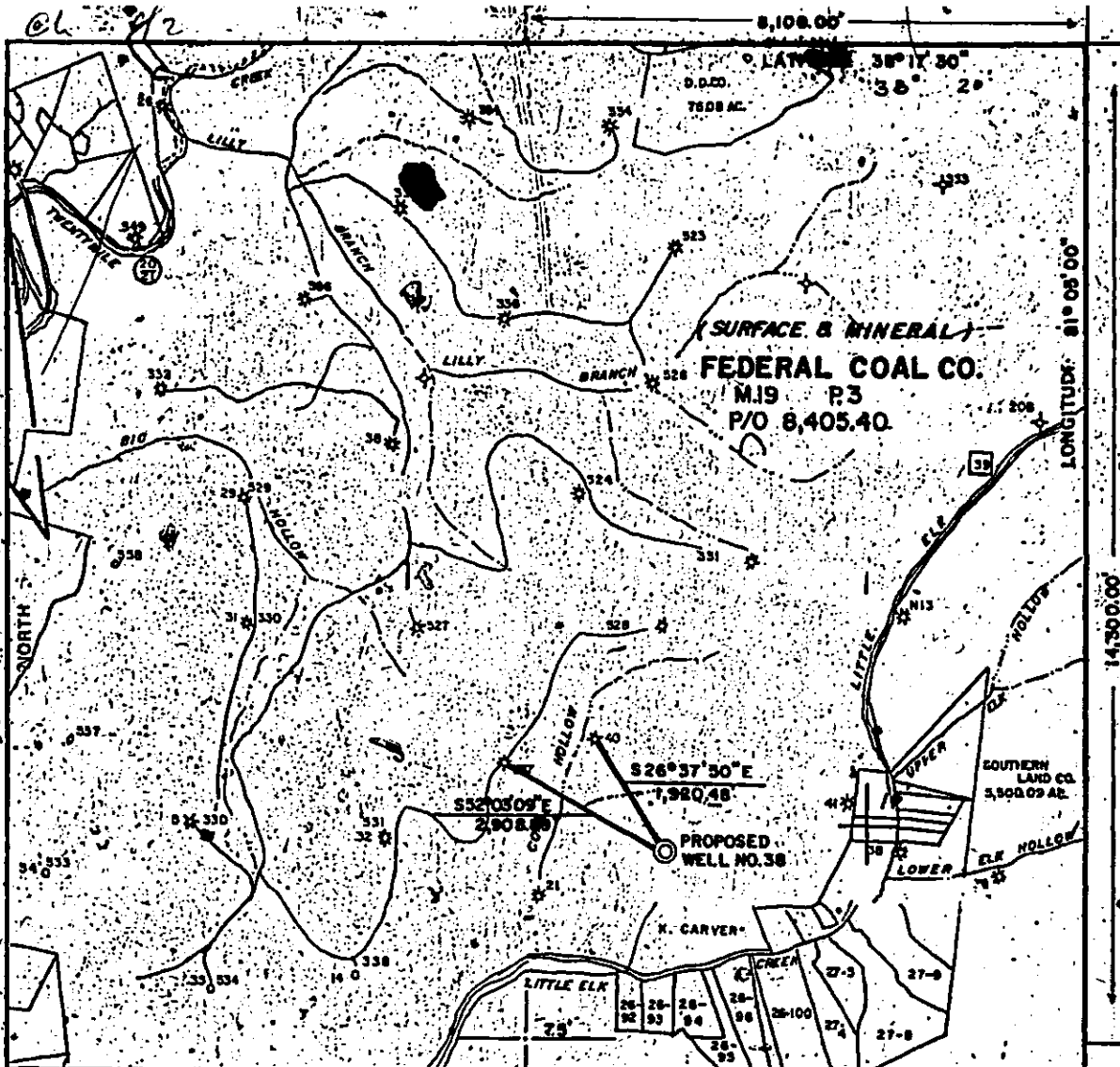
Well Operator

By: Frank Judd Operations Manager/Engineer

Date: November 24, 1981

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic
detailed geological record of all formations, including
minerals, encountered in the drilling of a well."

07/18/2025



FILE NO. 559
 DRAWING NO. 38
 SCALE 1" = 2000'
 MINIMUM DEGREE OF
 ACCURACY 1 in 200'
 PROVEN SOURCE OF
 ELEVATION 47 OMP 1964
 B.M. U.S. DEPT. INT. 93

I THE UNDERSIGNED, HEREBY CERTIFY THAT
 THIS PLAT IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND BELIEF AND SHOWS ALL THE
 INFORMATION REQUIRED BY LAW AND THE REGU-
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT OF MINES.
 (SIGNED) [Signature]
 R.P.E. 3894 L.L.S. [Signature]

PLACE SEAL HERE

(*) DENOTES LOCATION OF
 WELL ON UNITED STATES
 TOPOGRAPHIC MAPS

FORM IV-6
 (8-78)



DATE FEBRUARY 19 81
 OPERATOR'S WELL NO. 38
 API WELL NO. 47-067-0576
 STATE WEST VIRGINIA COUNTY NICHOLAS PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS," PRODUCTION STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1739.00 WATER SHED TWENTYMILE CREEK
 DISTRICT JEFFERSON COUNTY NICHOLAS
 QUADRANGLE LOCKWOOD 7.5 Series
 SURFACE OWNER FEDERAL COAL CO. ACREAGE 8,405.40
 OIL & GAS ROYALTY OWNER FEDERAL COAL CO. LEASE ACREAGE 8,405.40
 LEASE NO.
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR
 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
 FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION BIG LIME & MINN ESTIMATED DEPTH 2770'
 WELL OPERATOR TEXAS INTER-L PETR. DESIGNATED AGENT JAMES M. BLANTON
 ADDRESS SUITE 200 NATIONAL FOUNDATION CENTER ADDRESS SUITE 740 ONE VALLEY SQUARE
3935 N.W. 58TH ST. OKLAHOMA CITY, OKLAHOMA 73112 CHARLESTON, WEST VIRGINIA 25301

WW-4A
Revised 6-07

JUN 19 2025
WV Department of
Environmental Protection

1) Date: June 1, 2025
2) Operator's Well Number
Federal Coal # 38
3) API Well No.: 47 - 067 - ~~00567~~ **576**

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 Heartwood Forestland Fund V111	Name
Address 8809 Lenox Pointe Dr Unit B	Address
Charlotte, NC 28273	
(b) Name	(b) Coal Owner(s) with Declaration
Address	Name Honey Island Coal Company
	Address 201 Second Street STE 1200
	Macon, GA 31201
(c) Name	Name
Address	Address
6) Inspector Jeremy James	(c) Coal Lessee with Declaration
Address P.O. Box 36	Name
Clendenin, WV 25045	Address
Telephone (304) 951-2596	

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 **G.M.R.**
Its: Asset Development Manager
Address 500 Corporate Landing
Charleston, WV 25311
Telephone (304) 925-6100

Subscribed and sworn before me this **16th** day of **June** **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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GREYLOCK
ENERGY

500 Corporate Landing
Charleston, WV 25311

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7022 2410 0002 1377 3065



US POSTAGE
ZIP 25311 \$01.2
02 4M
0000368130 JUN 18 2

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Heartwood Forestland Fund V(111)
8809 Lenox Pointe Dr Unit B
Charlotte NC 28273

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PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
ADDRESS, FOLD AT DOTTED LINE

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:

Hearthwood Forestland Fund
8809 Lenox Pointe Dr Unit B
Charlotte NC 28273



9590 9402 9129 4225 6237 42

2. Article Number (Transfer from service label)

7022 2430 0002 1377 3065

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☒ X

☐ Agent
☐ Addressee

B. Received by (Printed Name)

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
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Registered Mail™
- ☐ Registered Mail™ Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation™ Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™

bill Restricted Delivery

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U.S. Postal Service TM CERTIFIED MAIL [®] RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com .	
OFFICIAL USE	
Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, and 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 Postmaster Food Land Fund VIII Street and Apt. No., or PO Box No. 805 Leona Point Dr Unit 5 City, State, ZIP+4 Greensboro NC 28223	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

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E N E R G Y

500 Corporate Landing
Martinsburg, WV 25411

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7022 2410 0002 1377 3058



ZIP 25311 \$011.26
0.2 MW
0000368130 JUN 18 2025

07/18/2025

Honey Island Coal Company
201 Second St. STE 1200
Martinsburg, WV 25401

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- 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:

Honey Island Coal Co
201 Second St. STE 1200
Macon GA 31201



9590 9402 9129 4225 6237 35

2. Article Description (Maximum 100 characters)

7022 2410 0002 1377 3058

Accepted Delivery

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Agent

B. Received by (Printed Name)

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
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

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U.S. Postal Service TM	
CERTIFIED MAIL [®] RECEIPT	
Domestic Mail Only	
For delivery information, visit our website at www.usps.com	
OFFICIAL USE	
Certified Mail Fee \$	
Extra Services & Fees (check box, and 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 \$	
Postmark Here	
X 38	
Sent to <u>Brey Island Coal Co.</u>	
Street and Apt. No. <u>301 Stewart St. STE 1200</u>	
City, State, ZIP+4 [®] <u>Princeton WV 26301</u>	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

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WW-9
(5/16)

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

API Number 47 - 067

Operator's Well No. 576
00567

Operator Name Greylock Conventional, LLC.

OP Code 494521205

Watershed (HUC 10) Twenty Mile Creek

Quadrangle Lockwood 7.5

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ☐ No ☒

Will a pit be used? Yes ☐ No ☒

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes ☐ No ☒ If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- ☐ Land Application (if selected provide a completed form WW-9-GPP)
☐ Underground Injection (UIC Permit Number _____)
☐ Reuse (at API Number _____)
☒ Off Site Disposal (Supply form WW-9 for disposal location)
☐ Other (Explain _____)

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

Subscribed and sworn before me this 16th day of June, 2025

Melissa A. Knuckles

Notary



My commission expires July 20, 2030

07/18/2025

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/acreRECEIVED
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Environmental ProtectionSeed MixturesTemporary

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

Permanent

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: Jeremy Jones

Comments: _____

Title: inspector 006Date: 6-17-25Field Reviewed? (☒) Yes(☐) No

07/18/2025

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

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JUN 19 2025

WV Department of
Environmental Protection

Operator Name: Greylock Conventional, LLC.

Watershed (HUC 10): Paint Creek

Quad: Montgomery 1.5

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 - 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

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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Environmental Protection

Page _____ of _____
API Number 47 - 067 - 00567 **576**
Operator's Well No. _____

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

Signature: _____

Date: _____

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WV Department of
Environmental Protection

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, appearing to read "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

JUN 19 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)	ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE)	
35CSR8 SECTION 20.1,)	
RELATING TO THE CEMENTING)	
OF OIL AND GAS WELLS)	

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.

07/18/2025

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

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Office of Oil and Gas

JUN 19 2025

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Environmental Protection

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

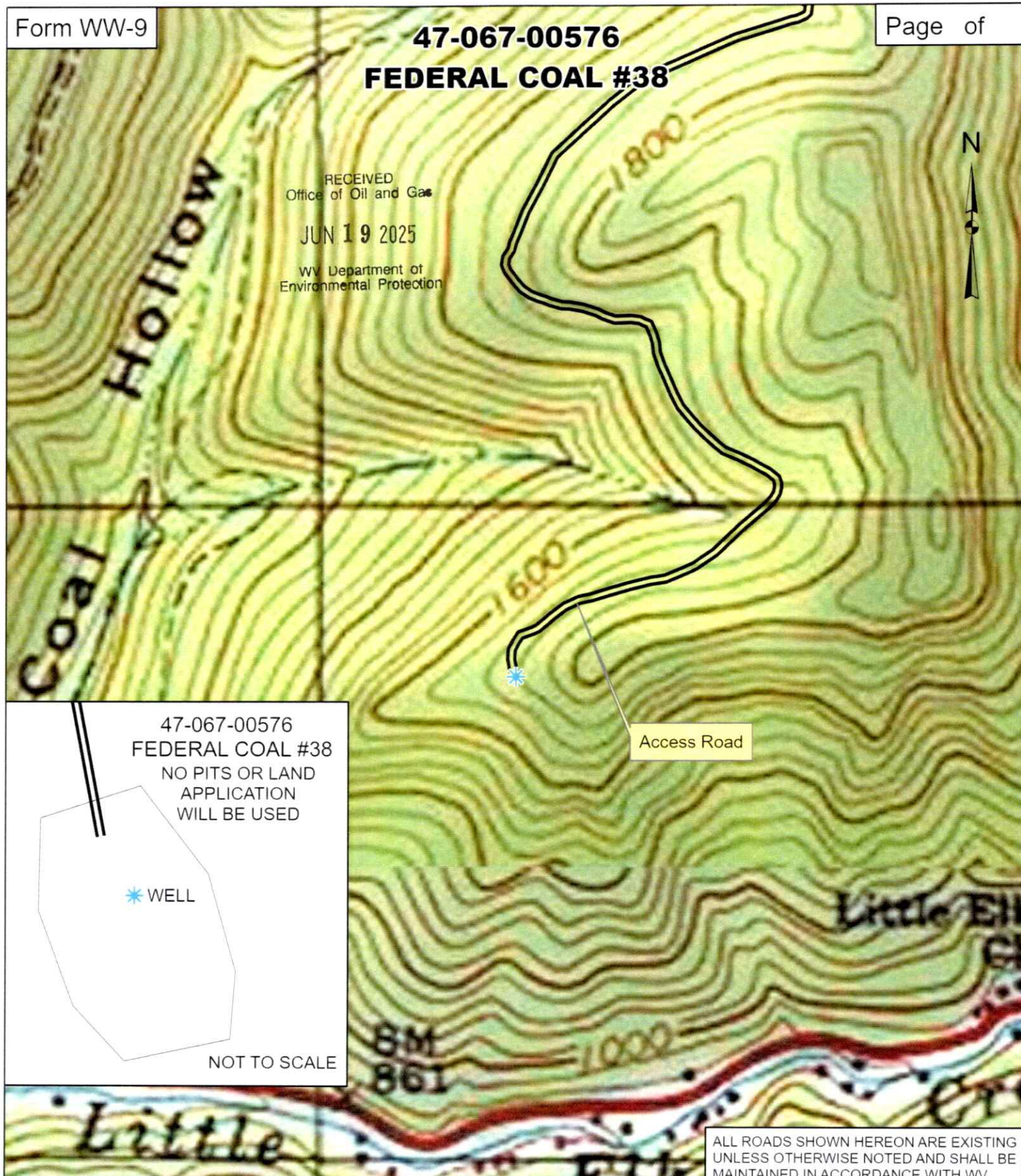


James Martin, Chief
Office of Oil and Gas

07/18/2025

47-067-00576
FEDERAL COAL #38

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 JUN 19 2025
 WV Department of
 Environmental Protection



47-067-00576
 FEDERAL COAL #38
 NO PITS OR LAND
 APPLICATION
 WILL BE USED

* WELL

NOT TO SCALE

GREYLOCK
 ENERGY

Greylock Conventional, LLC

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

Date: 4/28/2025

0 150 300 600 900 1,200



Feet

1:6,000



TOPO SECTION OF USGS
 LOCKWOOD 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.

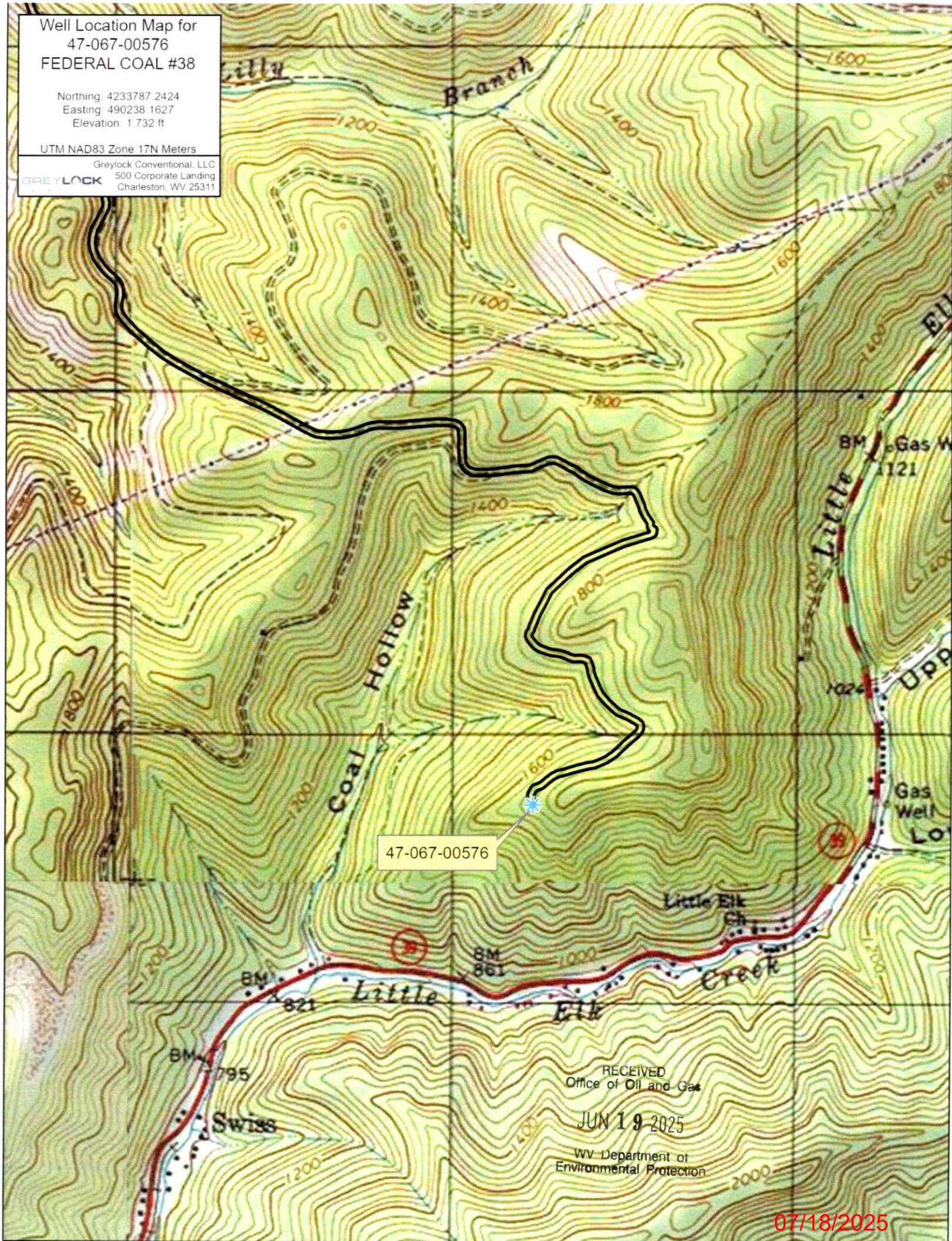
EARTHWORK CONTRACTORS ARE
 RESPONSIBLE FOR NOTIFICATION TO THE
 OPERATOR AND IN 07/18/2025 TO ANY
 DEVIATION FROM THIS PLAN.

Well Location Map for
47-067-00576
FEDERAL COAL #38

Northing: 4233787 2424
Easting: 490238 1627
Elevation: 1,732 ft

UTM NAD83 Zone 17N Meters

Greylock Conventional, LLC
500 Corporate Landing
Charleston, WV 25311



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WW-7
8-30-06



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West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-067-00576 WELL NO.: 38
FARM NAME: FEDERAL COAL
RESPONSIBLE PARTY NAME: Greylock Conventional, LLC
COUNTY: Nicholas DISTRICT: Jefferson
QUADRANGLE: Lockwood
SURFACE OWNER: Greylock Conventional, LLC.
ROYALTY OWNER: _____
UTM GPS NORTHING: 4233787.2424
UTM GPS EASTING: 490238.1627 GPS ELEVATION: 1,732 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.

G. M. R.
Signature

Asset Des. Manager 6/14/25
Title Date

07/18/2025

SURFACE OWNER WAIVER

JUN 19 2025

WV Department of
Environmental Protection

Operator's Well
Number

Federal Coal # 38

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

07/18/2025

WW-4B

RECEIVED
Office of Oil and Gas

JUN 19 2025

WV Department of
Environmental Protection

API No. 47-067-00567

Farm Name _____

Well No. Federal Coal # 38

INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

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

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

WAIVER

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

Date: _____

By: _____

Its _____

07/18/2025

PLUGGING PERMIT CHECKLIST

JUN 19 2025

WV Department of
Environmental Protection

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

07/18/2025



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

plugging permits issued for 4706700576 00557

1 message

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

Mon, Jul 14, 2025 at 11:19 AM

To: Jeremy E James <jeremy.e.james@wv.gov>, "Knuckles, Melissa" <mknuckles@greylockenergy.com>, edennison@wvassessor.com

To whom it may concern, plugging permits have been issued for 4706700576 00557.

--

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

2 attachments**4706700557.pdf**
2989K**4706700576.pdf**
3284K**07/18/2025**