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west virginia department of environmental protection

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

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

Monday, August 19, 2024  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

GREYLOCK CONVENTIONAL, LLC  
500 CORPORATE LANDING

CHARLESTON, WV 25311

Re: Permit approval for SCHOLL 24  
47-039-04401-00-00

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: SCHOLL & WILCHER  
U.S. WELL NUMBER: 47-039-04401-00-00  
Vertical Plugging  
Date Issued: 8/19/2024

# PERMIT CONDITIONS

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

## CONDITIONS

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1. 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 May 28, , 2024  
2) Operator's  
Well No. Scholl 24  
3) API Well No. 47-039- - 04401

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 1293 Watershed Pond Fork of Middle Fork  
District Elk County Kanawha Quadrangle Mammoth 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 Name Terry Urban  
Address P.O. Box 1207  
Clenenin, WV 25045  
9) Plugging Contractor Name R & R Well Services  
Address 42 Lynch Ridge Road  
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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Office of Oil and Gas

**JUL 31 2024**

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 Terry Urban via Telephone Date \_\_\_\_\_  
James Kennedy

8/02/2024

**08/23/2024**

**Plugging Procedure Scholl #24**  
**API: 47-039-4401**

Casing	Depth (ft)	Cement for casing
9 5/8	830	280 sks
7	2062	200 sks
4 1/2	4892	240 sks

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
5. Lead with 6% gel spacer on all cement plugs.
  - a. Note: Class L to be used, Alternative cement form submitted for Class L.
6. **PLUG 1** – Set cement plug from Approved tag depth - 2250' to cover perfs (4854 -2325')
  - a. **Note:** If cannot get cement to hold, discuss with inspector to set CIBP @ 2275' or cement plug over top perf (2400 – 2100')
7. Free point 4.5" casing, rip and pull pipe.
8. **PLUG (casing cut)** – Set 100' plug across casing cut (50' inside, 50' on top)
9. **PLUG 2** – Set cement plug from **2112 - 1856'** to cover casing shoe (2062') and Little Lime (1906')
10. **PLUG 3** – PU and set cement plug from **880 – 780'** to casing shoe (830')
11. **PLUG 4** – PU and set cement plug from **550 – 450'** to cover salt (~~450'~~ 500')
12. **PLUG 5** – PU and set cement plug from **290 – 190** to cover coal (240')
13. **PLUG 6** – PU and set cement plug from **100 – surface** to cover freshwater (50') and surface
14. Set monument ~30" above ground with Well Name, API and plug date

REC'D  
Office of Oil and Gas  
**JUL 31 2024**  
WV Department of  
Environmental Protection

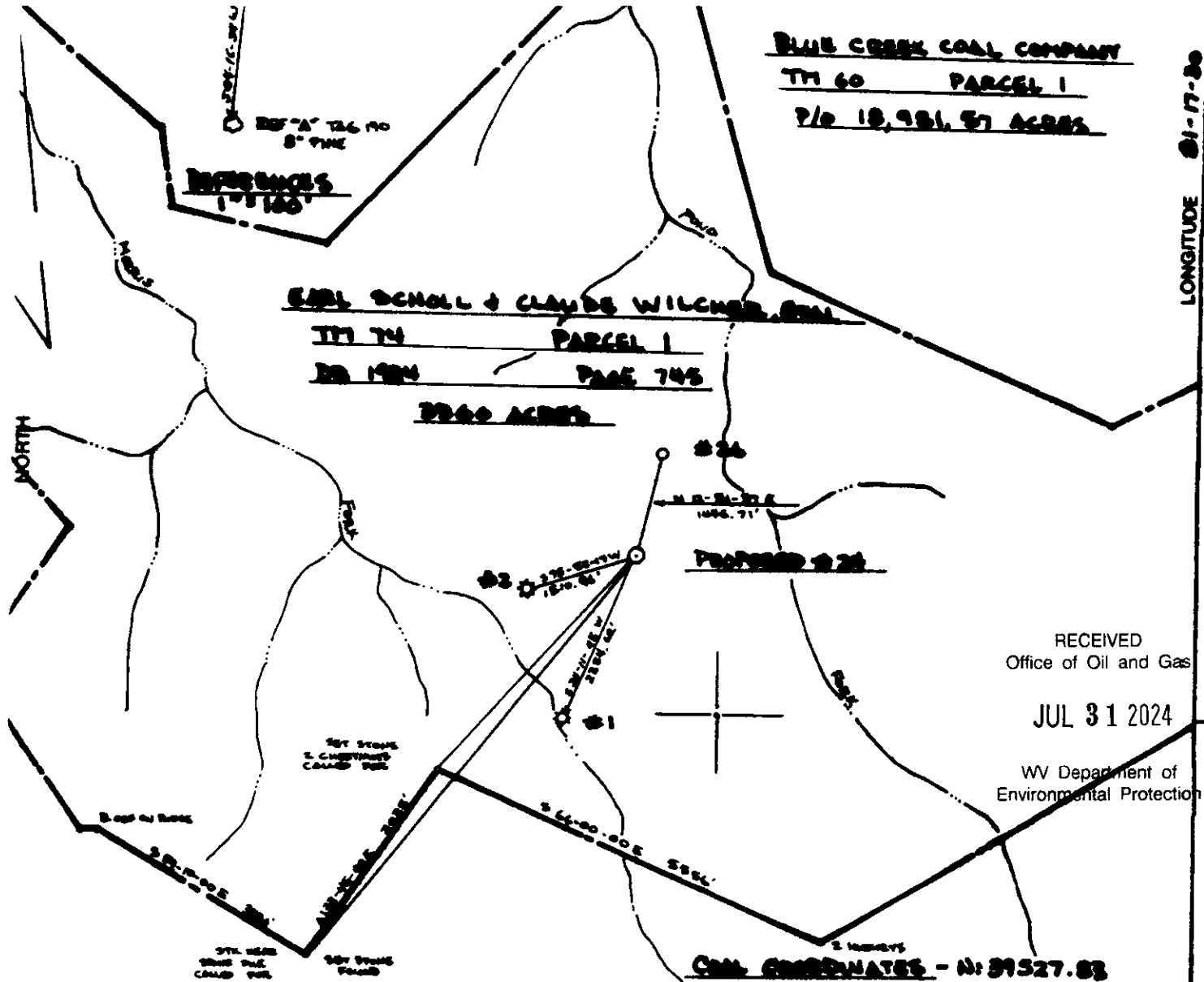
*May Set  
in Stages  
if Needed*

*Can Set  
As one plug*

*Cover with Cement all Oil & Gas Formations  
Including Salt Elevation Coal & Freshwater*

*[Signature]*  
7-25-24





**BLUE CREEK COAL COMPANY**  
**TR 60 PARCEL 1**  
**7/8 18,981.57 ACRES**

**EARL SCHOLL & CLAUDE WILCHER, JR.**  
**TR 74 PARCEL 1**  
**20.1924 PAGE 745**  
**20.60 ACRES**

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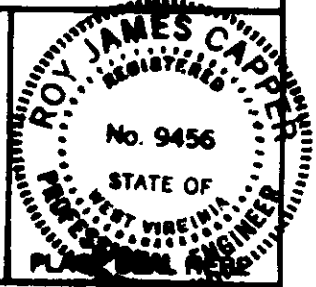
WV Department of  
 Environmental Protection

**COAL COORDINATES - N: 31527.83**  
**E: 41117.46**

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF  
 ACCURACY 1 IN 5000  
 PROVEN SOURCE OF  
 ELEVATION 2000 FEET  
 H.M. 0.20 (100 FT)

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 ENERGY.  
 (SIGNED) Roy James Copper  
 R.P.E. 1936 L.L.S. \_\_\_\_\_



**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENERGY**  
**OIL AND GAS DIVISION**



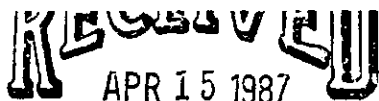
DATE 15 DECEMBER 10 AM  
 OPERATOR'S WELL NO. SCHOLL 0224  
 API WELL NO. 47-039-4401  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1208 WATER SHED UNION BRANCH DE POND FORK  
 DISTRICT ELK COUNTY KANAWHA  
 QUADRANGLE MADISON 7.8'  
 SURFACE OWNER EARL SCHOLL & CLAUDE WILCHER, JR., ETAL ACREAGE 20.60  
 OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 20.60

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR  
 STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW  
 FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

08/23/2024

COUNTY NAME  
 PERM



APR 15 1987

State of West Virginia

DEPARTMENT OF ENERGY

Oil and Gas Division

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Operator's

Well No. Scholl 24

Farm Scholl/Wilcher

API No. 047 - 039 - 4401

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 X / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow X /)

LOCATION: Elevation: 1283 Watershed Pond Fork of Middle Fork

District: Elk County Kanawha Quadrangle Mammoth 7.5

COMPANY Allegheny & Western Energy Corp

ADDRESS P.O.Box 2587, Charleston, W.Va.

DESIGNATED AGENT Dennis L, Mann

ADDRESS P.O.Box 2587, Charleston, W.Va.

SURFACE OWNER Scholl/ Wilcher

ADDRESS 1033 Quarrier St, Charleston, W.Va

MINERAL RIGHTS OWNER Same

ADDRESS \_\_\_\_\_

OIL AND GAS INSPECTOR FOR THIS WORK Carlos  
Hivley ADDRESS 223 Pinch Ridge RD  
Elkview, W.Va

PERMIT ISSUED 12/19/86

DRILLING COMMENCED 12/29/86

DRILLING COMPLETED 1/4/87

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON \_\_\_\_\_

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	32	0	0
9 5/8	830	830	280 sks
8 5/8			
7	2062	2062	200 sks
5 1/2			
4 1/2	4892	4892	240 sks
3			
2			
Liners used			

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GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5290 feet

Depth of completed well 4969 feet Rotary X / Cable Tools \_\_\_\_\_

Water strata depth: Fresh 50 feet; Salt 500 feet

Coal seam depths: 240 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Weir Pay zone depth 2325 feet

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

Final open flow 48 Mcf/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests 24 hours

Static rock pressure 1,000 psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)

Second producing formation Devonian Shale Pay zone depth 2340 feet

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

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DEPARTMENT OF ENERGY

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
sandstone & shale			0	1220	
salt sand			1220	1383	
shale			1383	1485	
salt sand			1485	1607	
shale			1607	1839	
maxon			1839	1906	
little lime			1906	1984	
pencil cave			1984	1991	
big lime			1991	2202	
shale			2202	2244	
weir			2244	2340	
shale			2340	2583	
sunbury shale			2583	2602	
sandysiltstone & shale			2602	2860	
gordon			2860	2870	
grey & brown shale			2870	4969	

T.D. 4969 K.BK

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JUL 31 2024

Environment

(Attach separate sheets as necessary)

Allegheny & Western Energy Corp  
Well Operator  
By: Dennis L. Man Vice President  
Date: April 6, 1987

08/23/2024

1) Date: May 28, 2024  
2) Operator's Well Number \_\_\_\_\_  
3) API Well No.: 47 - 039- - \_\_\_\_\_

**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 <u>We R Farmers</u>	Name <u>Union Carbide</u>
Address <u>P.O. Box 397</u>	Address <u>1629 Quarrier Street</u>
<u>Glenville, WV 26351</u>	<u>Charleston, WV 25311</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>We R Farmers</u>
	Address <u>P.O. Box 397</u>
	<u>Glenville, WV 26351</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. box 1207</u>	Name _____
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>(304) 549-5915</u>	

**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.

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JUL 31 2024

Well Operator Greylock Conventional, LLC.

By: Gavin M. Reed *GSM*

Its: Asset Development Manager

Address 500 Corporate Landing

Charleston, WV 25311

Telephone (304) 925-6100

WV Department of  
Environmental Protection



Subscribed and sworn before me this 28th day of May 2024

Melissa A. Knuckles

My Commission Expires July 20, 2025

Notary Public

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

08/23/2024



7022 2410 0002 1377 3346

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- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To We R Farmers

Street and Apt. No., or PO Box No. PO Box 297

City, State, ZIP+4® Glennville WV 26031

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Postmark  
Here  
JUL 30 2024

7022 2410 0002 1377 3216

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- Return Receipt (electronic) \$
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- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To Union Carbide

Street and Apt. No., or PO Box No. 1627 Quarrier St.

City, State, ZIP+4® Charleston WV 25311

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Postmark  
Here  
JUL 30 2024

08/23/2024



WW-4B

API No. 47-039-04401  
Farm Name \_\_\_\_\_  
Well No. \_\_\_\_\_

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

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JUL 31 2024  
West Virginia Department of  
Environmental Protection

08/23/2024

WW-9  
(5/16)

API Number 47 - 039- 04401  
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) Ponf Fork of Middle Fork Quadrangle Mammoth 7.7

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 cutngs 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 28th day of May, 2024

Melissa A. Knuckles Notary

My commission expires July 20, 2025



08/23/2024



Proposed Revegetation Treatment: Acres Disturbed 1.0 Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-10-20

Fertilizer amount 500 lbs/acre

Mulch Hay Bales Tons/acre

**Seed 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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WV Department of  
Environmental Protection

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

Field Reviewed? ( ) Yes ( ) No

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

Operator Name: Greylock Conventional, LLC.  
Watershed (HUC 10): Pond Fork of Middle Fork Quad: Mammoth 7.5  
Farm Name: \_\_\_\_\_

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

N/A - 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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JUL 31 2024  
WV Department of  
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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.

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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JUL 31 2024  
WV Department of  
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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: \_\_\_\_\_

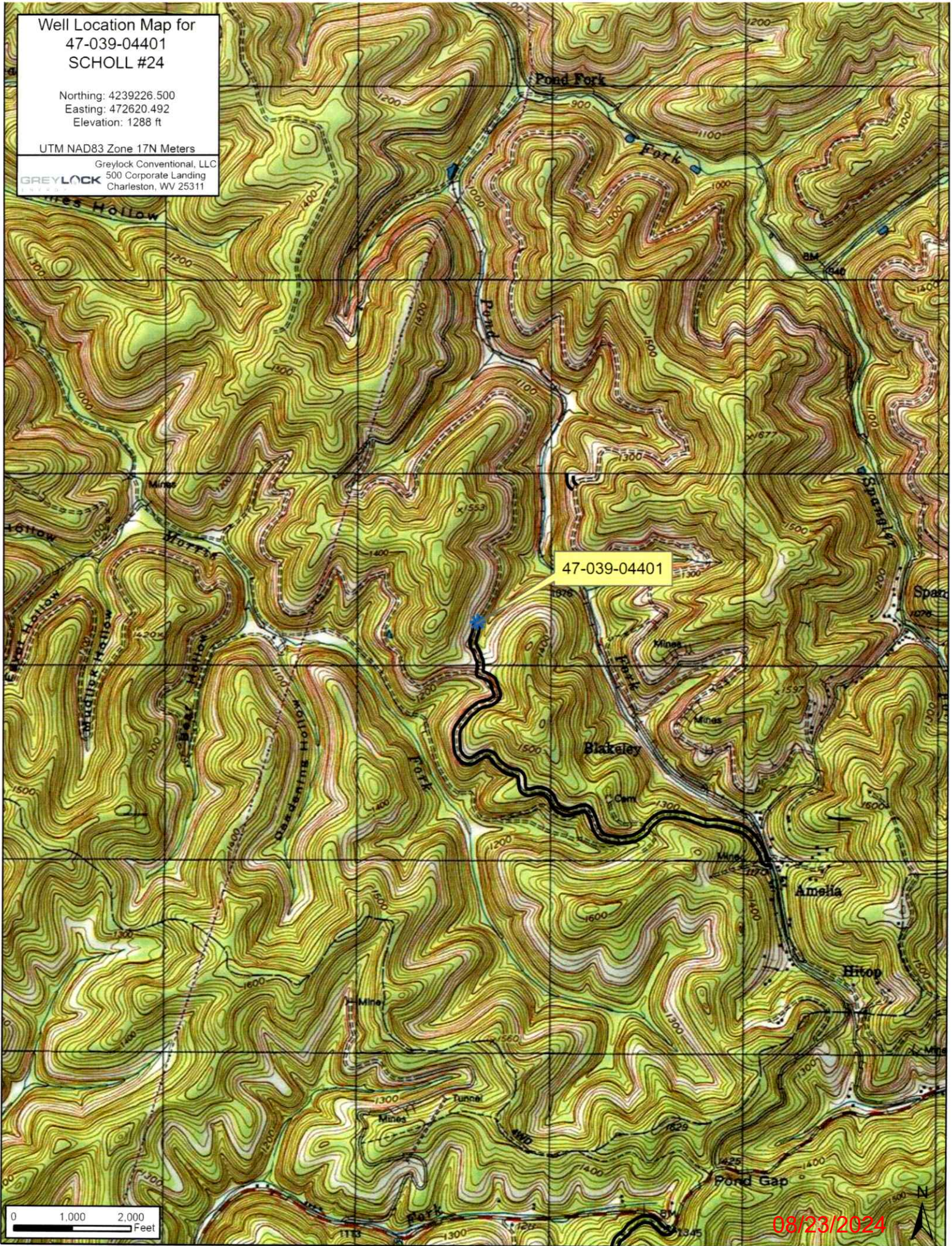


Well Location Map for  
47-039-04401  
SCHOLL #24

Northing: 4239226.500  
Easting: 472620.492  
Elevation: 1288 ft

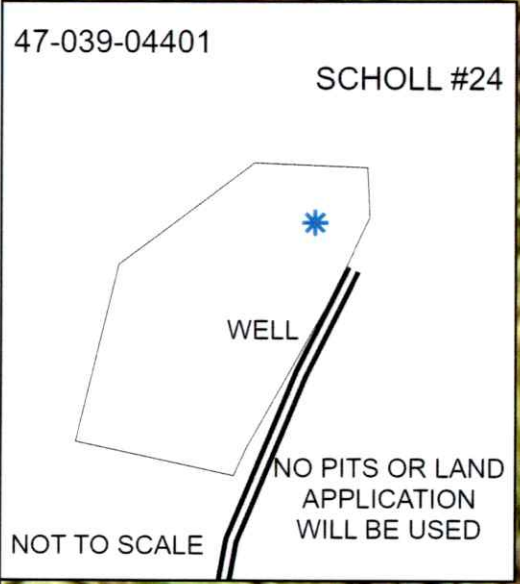
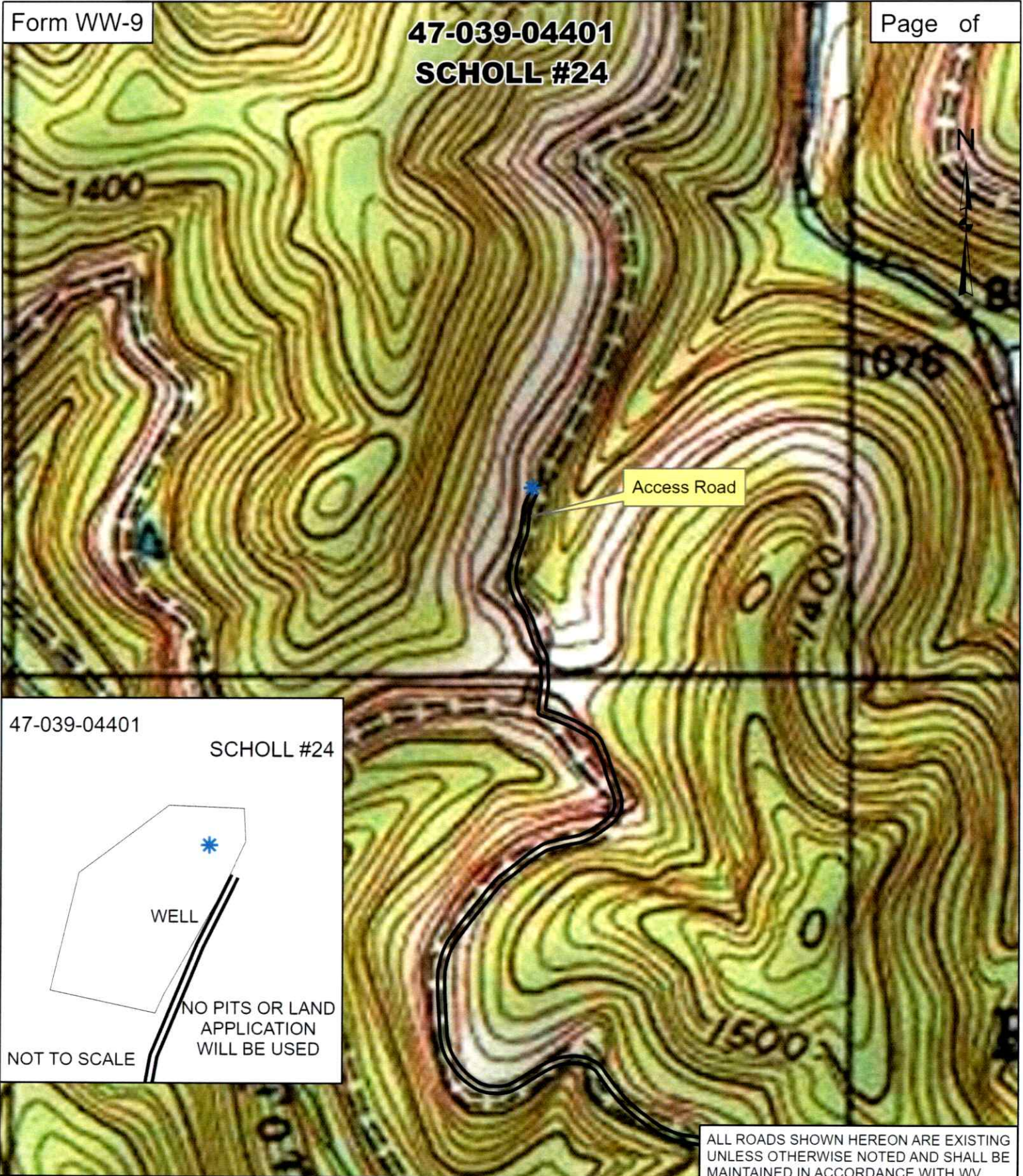
UTM NAD83 Zone 17N Meters

Greylock Conventional, LLC  
500 Corporate Landing  
Charleston, WV 25311



08/23/2024





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 08/23/2024 TO ANY DEVIATION FROM THIS PLAN.



Greylock Conventional, LLC

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

Date: 5/23/2024

0 150 300 600 900 1,200



Feet

1:6,000



TOPO SECTION OF USGS  
MAMMOTH 7.5' QUADRANGLE





May 10, 2024

WV Department of Environmental Protection  
601 57<sup>th</sup> Street  
Charleston, WV 25304

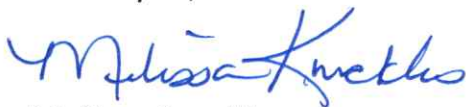
Re: 2022-13 Variance that allows the use of Class L cement in place of Class A cement for well plugging.

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

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JUL 31 2024



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 ) 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.

08/23/2024



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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WV Department of  
Environmental Protection

08/23/2024



500 Corporate Landing  
Charleston, WV 25311

May 29, 2024

Union Carbide  
1627 Quarrier Street  
Charleston, WV 25311

To Whom It May Concern:

This letter is to inform you that Greylock Conventional, LLC. will be plugging the Scholl # 24 well located in Kanawha County WV. Should you have questions regarding this matter, please feel free to contact me at (304) 925-6100.

Thank you,

Melissa Knuckles



500 Corporate Landing  
Charleston, WV 25311  
(304) 925.6100  
mknuckles@greylockenergy.com

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**JUL 31 2024**

WV Department of  
Environmental Protection



500 Corporate Landing  
Charleston, WV 25311

May 29, 2024

We R Farmers  
P.O. Box 397  
Glennville, WV 26351

To Whom It May Concern:

This letter is to inform you that Greylock Conventional, LLC. will be plugging the Scholl # 24 well located in Kanawha County WV. Should you have questions regarding this matter, please feel free to contact me at (304) 925-6100.

Thank you,

Melissa Knuckles



500 Corporate Landing  
Charleston, WV 25311  
(304) 925.6100  
mknuckles@greylockenergy.com

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WV Department of  
Environmental Protection



11/10/2016

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

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Office of Oil and Gas

JUL 31 2024

Enviro.

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08/23/2024



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

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## plugging permits issued 4703904387 04401

1 message

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

Mon, Aug 19, 2024 at 12:45 PM

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


To whom it may concern, plugging permits have been issued for 4703904387 04401.


James Kennedy

WVDEP OOG

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### 2 attachments

 **4703904387.pdf**  
2827K

 **4703904401.pdf**  
2983K

08/23/2024