



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 8, 2024

WELL WORK PLUGGING PERMIT
Vertical Plugging

GREYLOCK CONVENTIONAL, LLC
500 CORPORATE LANDING

CHARLESTON, WV 25311

Re: Permit approval for 1
47-087-03583-00-00

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: DANIEL, JAMES, ETAL
U.S. WELL NUMBER: 47-087-03583-00-00
Vertical Plugging
Date Issued: 7/8/2024

Promoting a healthy environment.

07/12/2024

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

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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Phone: (304) 926-0450
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Harold D. Ward, Cabinet Secretary
dep.wv.gov

Re: Permit Application for API: 47-087-03583 Plugging

Dear Mrs. Daniell,

The Office of Oil and Gas (OOG) has completed its review of the above referenced permit application submitted by Greylock Energy. The Roane County oil and gas inspector examined the site to ensure compliance with all applicable requirements of Article 6, Chapter 22 of the West Virginia Code and Legislative Rule Title 35, Series 4. Also, your comments were sent to the applicant to ensure it was aware of your concerns. The applicant's response is enclosed for your records. The applicant has agreed to work with you on the reclamation of the site, specifically regarding the re-planting of native trees and grasses of your choice. Also, they must meet our best management practices in regard to stabilizing the location before they complete the permitted work.

After considering your comments, the applicant's response, and the inspector's findings, the OOG has determined that the application meets the requirements set forth in the above statute and legislative rule. Consequently, the OOG is issuing the permit today. For your information and convenience, I am including with this letter a copy of the permit as issued.

Please contact Taylor Brewer at (304) 926-0499, extension 41108 if you have questions.

Sincerely,

Taylor Brewer
Assistant Chief, Permitting
WV DEP Office of Oil & Gas

Enclosure

cc: Clerc Daniell
Cruise Lawson, OOG Inspector



Brewer, Charles T <charles.t.brewer@wv.gov>

FW: [EXTERNAL] Re: Test Email

1 message

Knuckles, Melissa <mknuckles@greylockenergy.com>

Mon, Jul 1, 2024 at 10:20 AM

To: "james.p.kennedy@wv.gov" <james.p.kennedy@wv.gov>, "Brewer, Charles T" <charles.t.brewer@wv.gov>

From: Ranson, Scott <sranson@greylockenergy.com>**Sent:** Monday, July 1, 2024 9:50 AM**To:** Lucas, Shane <slucas@greylockenergy.com>; Knuckles, Melissa <mknuckles@greylockenergy.com>**Subject:** FW: [EXTERNAL] Re: Test Email

FYI...

Sent this to Clerc last week. She has not responded.

Left voicemail also.

SR

From: Ranson, Scott**Sent:** Wednesday, June 26, 2024 3:02 PM**To:** clerc.daniell@gmail.com; Ranson, Scott <sranson@greylockenergy.com>**Subject:** RE: [EXTERNAL] Re: Test Email

Good afternoon, Clerc – I am writing to tell you that after careful consideration, we respectfully decline your proposal to purchase the Daniel well and we have no interest in selling/donating the well to other interested 3rd parties.

Greylock will continue the permitting and plugging process of its Daniel #1 well in Roane County, WV, as outlined in that certain letter dated and mailed to you on the 1st day of May 2024.

This said, we are still willing to consider reasonable requests as to the reclamation of the site as long as the requests are within the scope of the DEP's permitting policies and practices. And while there are no guarantees that we meet all of your requests, I can assure you that we will work cooperatively toward accommodating reasonable recommendations.

07/12/2024



Got it

On Jun 20, 2024, at 9:47 AM, Ranson, Scott <sranson@greylockenergy.com> wrote:

Please acknowledge receipt.

Thank you.

07/12/2024

June 17, 2024

WV DEP
OIL & Gas Division
601 57th Street S.E.
Charleston, WV 25301

To Whom It May Concern:

Greylock Energy, LLC. has notified the landowner about the changes they want after the well is plugged. (planting of trees etc.) We are willing to comply with reasonable requests and if an agreement cannot be met, we will reach out to the WV DEP for further assistance.

Thank you,

Melissa Knuckles

GREYLOCK
ENERGY

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

07/12/2024

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

Fwd: Per our phone conversation

2 messages

Brewer, Charles T <charles.t.brewer@wv.gov>

Wed, Jun 5, 2024 at 2:41 PM

To: Jeffrey W McLaughlin <jeffrey.w.mclaughlin@wv.gov>, James P Kennedy <james.p.kennedy@wv.gov>

Here is the comment I was referencing. I will put comment received in RBDMS.

----- Forwarded message -----

From: **Clerc Daniell** <clerc.daniell@gmail.com>

Date: Wed, Jun 5, 2024 at 2:25 PM

Subject: Per our phone conversation

To: <charles.t.brewer@wv.gov>

We spoke about well

47-087-03583.

In 1982 when the well was drilled it was not a grass covered area. It was mixed forest of native trees and other native vegetation.

Due to the short time I was given to respond I do not know if the planned reseeding of

Orchard grass

Landino clover

Timothy

Are native to WV.

I would like time for a natural plan of some type to be made. I am also an uncertified organic grower and do not use chemical fertilizer on my farm.

--

Taylor Brewer, B.S., M.S.

Assistant Chief - Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 41108

McLaughlin, Jeffrey W <jeffrey.w.mclaughlin@wv.gov>

Wed, Jun 5, 2024 at 2:51 PM

To: "Brewer, Charles T" <charles.t.brewer@wv.gov>

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

I don't believe that request should be a problem>

Jeff

[Quoted text hidden]

07/12/2024

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 897 Watershed Lick Fork of Spring Creek
District Walton County Roane Quadrangle Walton 7.5

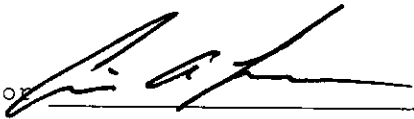
6) Well Operator Greylock Conventional, LLC. 7) Designated Agent Joe Farris
Address 500 Corporate Landing Address 500 Corporate Landing
Charleston, WV 25311 Charleston, WV 25311

8) Oil and Gas Inspector to be notified Name Cruise Lawson
Address 347 Main Street
Spencer, WV 25276
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

RECEIVED
Office of Oil and Gas
MAY 23 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  Date 5/20/2024

Plugging Procedure Daniel #1
API: 47-087-3583

Casing	Depth (ft)	Cement for casing
9 5/8	305	150 cf
7	2174	175 cf
4 1/2	5228	160 cf

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 6% with gel spacer on all cement plugs.
 - a. Note: ~~Type II~~ **CLASS L 2X** to be used, Alternative cement form submitted for ~~Type II~~ **CLASS L 2X**.
6. **PLUG 1** – Set cement plug from Approved Tag Depth - 5000' to cover perfs (5262-5224') and bottom shoe.
7. **PLUG 2** – PU and set cement plug from **4612 – 3542'** to cover perfs (4562 – 3642')
8. Free point 4.5" casing, rip and pull pipe.
9. **PLUG (casing cut)** – Set 100' plug across casing cut (50' inside, 50' on top)
10. **PLUG 3** – PU and set cement plug from **2230 – 1900'** to cover Casing shoe/Little Lime (1968')
11. **PLUG 5** – PU set plug from **1760 -1560'** to cover Salt zone (1610')
12. **PLUG 6** – PU set plug from **1047 - 947'** to cover elevation (997')
13. **PLUG 7** – PU set plug from **355 – 255'** to cover casing shoe (305')
14. **PLUG 8** – PU set plug from **100' - Surface** **FW 801**
15. Set monument ~30" above ground with Well Name, API and plug date

RECEIVED
 Office of Oil and Gas
 MAY 23 2024
 WV Department of
 Environmental Protection

Chrise Lawson
 006 5/20/24

07/12/2024

Perforated 3,652' - 4,526' w/22 shots and 5,224' - 5,262' w/20 shots.
 Nitrogen Frac 5,224 - 5,262' interval w/1,082,000 cf w/N₂ and 3652 - 4,526' interval w/1,000 gal. of HCl, 60,000# of 20-50 U.S. Mesh Sand, and 1,151,000 cf N₂.

WELL LOG N. L. Basin Survey

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Hard Sand			0	145	Freshwater 80'
Red Rock and Sand Shale			145	960	
Sand and Shale			960	1475	
Salt Sand			1475	1968	Saltwater 1610
Little Lime			1968	1994	
Pencil Cave			1994	2000	
Big Lime			2000	2090	
Injun			2090	2123	
Shale			2123	2512	
Coffee Shale			2512	2523	
Shale (Brown thru Marcellus)			2523	5277	TD

RECEIVED
 Department of Oil and Gas
 MAY 23 2024
 Department of Environmental Protection

(Attach separate sheets as necessary)

Allegheny & Western Drilling Corporation

Well Operator

By:



Date: June 30, 1982

07/12/2024

JUL 21 1982

State of West Virginia

Operator's Well No. J.R. DANIELL #1

Department of Mines Oil and Gas Division

Farm J.R. DANIELL

API No. 47 - 087 - 3583

OIL & GAS DIVISION DEPT. OF MINES

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: 897' Watershed Lick Fork of Spring Creek District: Spencer County Roane Quadrangle Walton 7.5

COMPANY Allegheny & Western Drilling Corporation

ADDRESS P.O. Box 2587, Charleston, WV 25329

DESIGNATED AGENT Roland C. Baer, Jr.

ADDRESS P.O. Box 2587, Charleston, WV 25329

SURFACE OWNER J.R. Daniel

ADDRESS Willowbrook Acres, Parkersburg WV 26101

MINERAL RIGHTS OWNER Same

ADDRESS Same

OIL AND GAS INSPECTOR FOR THIS WORK

R.J. Morris ADDRESS Box 372, Grantsville, WV 27259

PERMIT ISSUED April 11, 1982

DRILLING COMMENCED June 7, 1982

DRILLING COMPLETED June 14, 1982

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

Table with 4 columns: Casing Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Includes a stamp: MAY 23 2024 WV DEPARTMENT OF ENVIRONMENTAL PROTECTION

GEOLOGICAL TARGET FORMATION Devonian Shale (Brown thru Marcellus) Depth 5,200 feet

Depth of completed well 5,277 feet Rotary x / Cable Tools

Water strata depth: Fresh 80 feet; Salt 1610 feet

Coal seam depths: N/A Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation Devonian Shale (Brown thru Marcellus) Pay zone depth 3652-5262 feet

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

Final open flow 200 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests hours


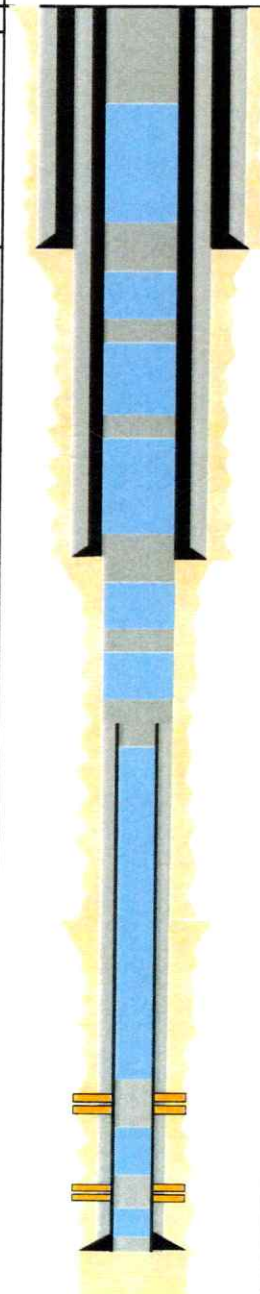
Static rock pressure 1,050 psig (surface measurement) after 24 hours shut in (If applicable due to multiple completions)

Second producing formation Pay zone depth feet

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

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

07/12/2024

	Greylock Energy Daniel #1 API #:470873583 Casing and Cementing Details Roane County, WV.	
	Casing Size	Hole Size
	9 5/8" set @ 305' (150cf)	12 1/4"
	7" set @ 2174' (175cf)	12 1/4"
	Perf Interval 4562 - 3642' 5262 - 5224' 4 1/2" set @ 5228' (183cf) TD 5277'	7 7/8"
		Detailed Description Plug 7: 100' to surface Plug 6: 355 - 255' covers casing shoe Plug 5: 1047 - 947' covers Elevation Plug 4: 1760-1560' covers salt Plug 3: 2230 - 1900' covers casing shoe, Little Lime Plug (casing cut) : 4 1/2" casing cut, 50' inside, 50' on top of cut Plug 2: 4612 - 3542' covers perfs Plug 1: 5277' - 5000' covers perfs

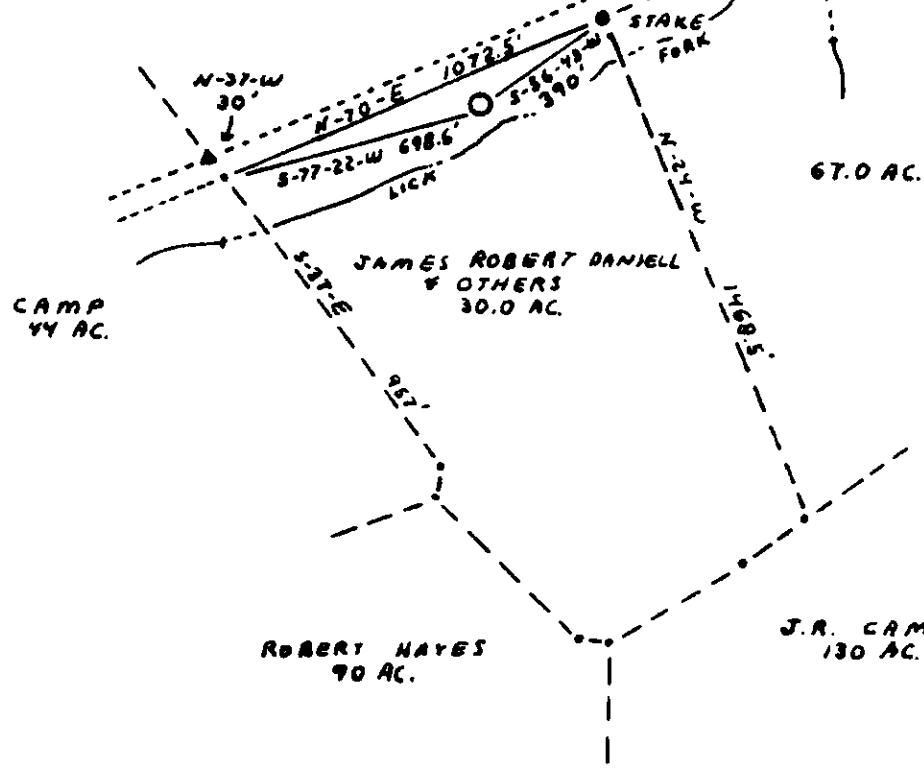
RECEIVED
 Office of Oil and Gas
 MAY 23 2024
 WV Department
 Environment

TOPO 1.3
LOC.

LONGITUDE 81° 25'

JAMES ROBERT DANIELL
& OTHERS
33.78 AC.

SEC. 26



NORTH

MAY 23 2024

RECEIVED
Oil and Gas

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION AD. INTER. 2614 & 2616 ELY. 1954

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES

(SIGNED) Sheldon J. Bond
 R.P.E. _____ L.L.S. 526

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE APRIL 27, 19 82
 OPERATOR'S WELL NO. #1
 API WELL NO. 47-087-3583
 STATE COUNTY PERMIT

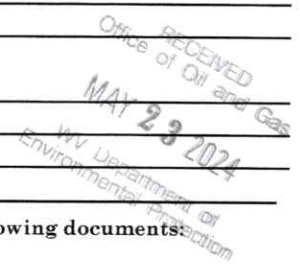
WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS.") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 897 WATER SHED LICK FORK OF SPRING CREEK
 DISTRICT SPENCER COUNTY ROANE
 QUADRANGLE WALTON 7.5
 SURFACE OWNER JAMES DANIELL & OTHERS ACREAGE 30
 OIL & GAS ROYALTY OWNER JAMES DANIELL & OTHERS LEASE ACREAGE 230
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

07/12/2024

1) Date: May 10, 2024
2) Operator's Well Number
Daniel # 1
3) API Well No.: 47 - 087 - 03583

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>Clerc Daniel</u>	Name _____
Address <u>2105 Lick Fork</u>	Address _____
<u>Spencer, WV 25276</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Cruise Lawson</u>	(c) Coal Lessee with Declaration
Address <u>347 Main Street</u>	Name _____
<u>Spencer, WV 25276</u>	Address _____
Telephone <u>(681) 467-9141</u>	_____



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

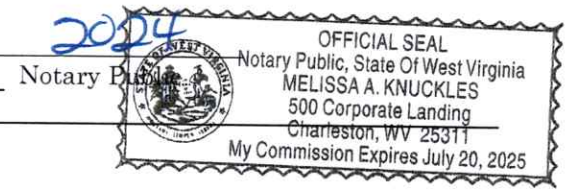
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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.

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

Subscribed and sworn before me this 10th day of May 2024
Melissa A. Knuckles
 My Commission Expires July 20, 2025



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.

07/12/2024



11000 Corporate Landing
Charleston, WV 25311

May 23, 2023

Clerc Daniel
2105 Lick Fork
Spencer, WV 25276

Re: Roane County
Daniel # 1 API 47-087-03583

Dear Mr. Daniel,

This letter is to inform you that Greylock Conventional, LLC. will be plugging the above mentioned well. Attached you will find a plugging packet that is being sent to the WV DEP for permit approval. Should you questions, please feel free to contact me at (304) 925-6100.

Thank you,

Melissa Knuckles
Permitting & Bond Specialist



500 Corporate Landing
Charleston, WV 25311
(304)925-6100
(304)389-1441

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Office of Oil and Gas
MAY 23 2024
WV Department of
Environmental Protection

KEYLOCK

500 Corporate Landing
Charleston, WV 25311

REG Y

SECURITY MAIL



7022 2410 0002 1377 3256

Clerc Daniel
2105 Lick Fork
Spencer, WV 25276

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Office of Oil and Gas
MAY 23 2024
WV Department of
Environmental Protection



UNITED STATES POSTAGE
PITNEY BOWES
02 1P \$009.80
0003207208 MAY 23 2024
MAILED FROM ZIP CODE 25276

07/12/2024

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:

Clere Daniel
2105 Lick Fork
Spencer, WV 25976



9590 9402 8423 3156 9387 92

2 7022 2410 0002 1377 3256

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

RECEIVED
Office of Oil and Gas
MAY 23 2024
WV Department of
Environmental Protection

07/12/2024

7022 2410 0002 1377 3256

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

OFFICIAL USE

For delivery information, visit our website at www.usps.com®

Certified Mail Fee

Extra Services & Fees (check box, and fee as appropriate)

Return Receipt (hardcopy)

Return Receipt (electronic)

Certified Mail Restricted Delivery

Adult Signature Required

Adult Signature Restricted Delivery

Postage

Total Postage and Fees

Sent to

Street and Apt. No. PO Box No.

City, State, ZIP+4®

Postmark Here

Postage

Total Postage and Fees

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Street and Apt. No. PO Box No.

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Postmark Here

Postage

Total Postage and Fees

Sent to

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

RECEIVED
Office of Oil and Gas
MAY 23 2024
WV Department of
Environmental Protection

07/12/2024

SURFACE OWNER WAIVER

Operator's Well
Number

47-087-03583

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

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WW-4B

API No.	<u>47-087-03583</u>
Farm Name	_____
Well No.	<u>Daniel # 1</u>

**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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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) Lick Fork of Spring Creek Quadrangle Walton 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.

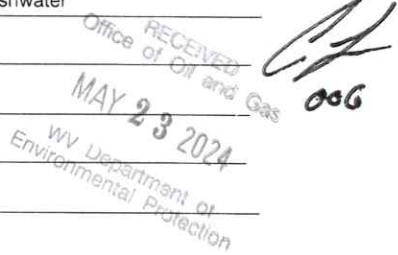
Company Official Signature *G. M. Reed*

Company Official (Typed Name) Gavin M. Reed

Company Official Title Asset Development Manager

Subscribed and sworn before me this 10th day of May, 2024

Melissa A. Knuckles
My commission expires July 20, 2025



Proposed Revegetation Treatment: Acres Disturbed 1. 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: [Signature]

Comments: _____

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Title: Inspector OOG Date: 5/20/2024

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): Lick Fork of Spring Creek Quad: Walton 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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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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8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Daily inspections of equipment will be preformed

Signature: _____

Date: _____

May 10, 2024

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,



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

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of Oil and Gas
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west virginia department of environmental protection

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

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

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

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

ORDER NO. 2022-13

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REPORT OF THE OFFICE

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

FINDINGS OF FACT

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

Promoting a healthy environment

07/12/2024

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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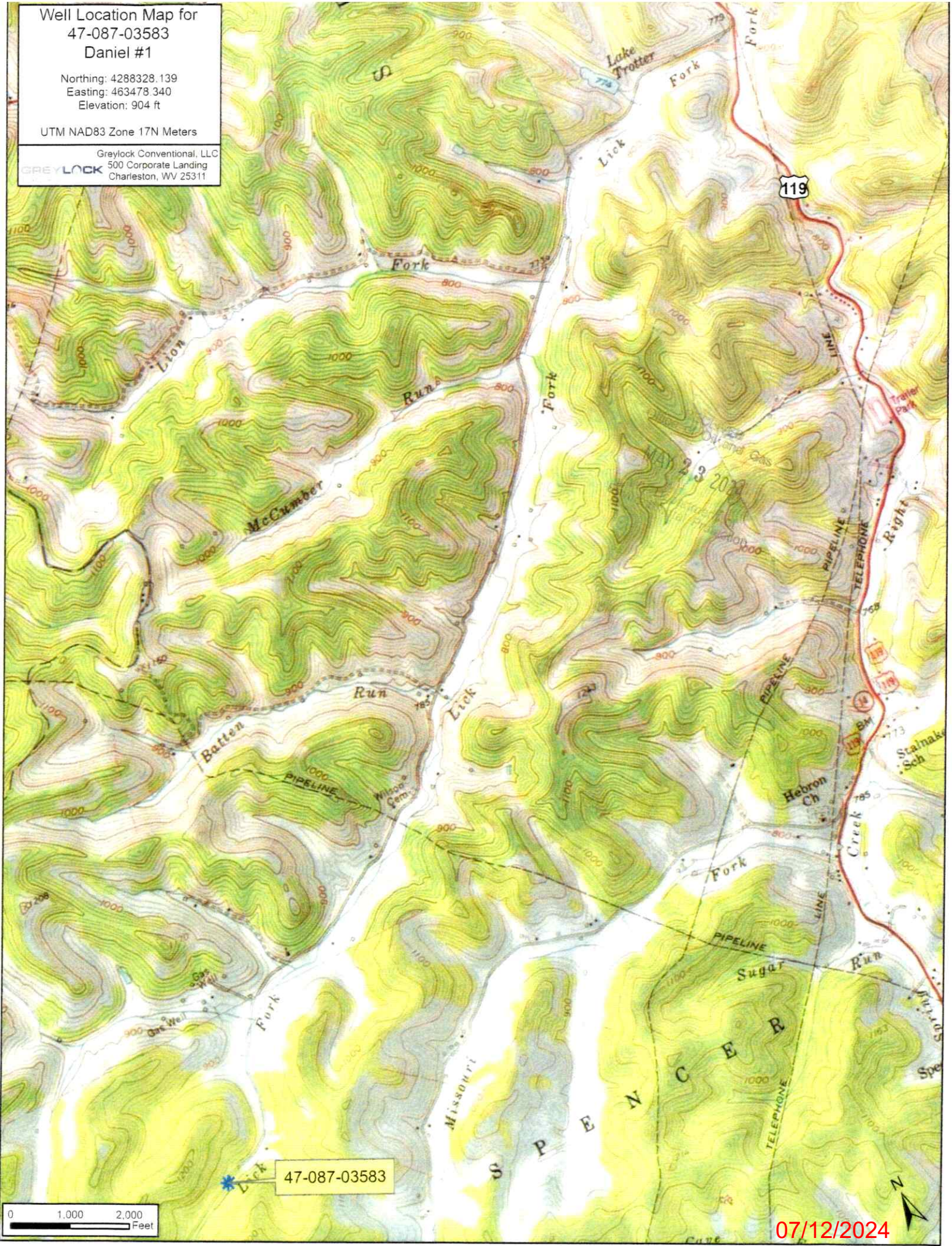
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Well Location Map for
47-087-03583
Daniel #1

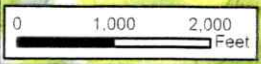
Northing: 4288328.139
Easting: 463478.340
Elevation: 904 ft

UTM NAD83 Zone 17N Meters

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



47-087-03583



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Daniel #1

Access Road



47-087-03583

Daniel #1

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WELL

NO PITS OR LAND
APPLICATION
WILL BE USED

NOT TO SCALE

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
07/12/2024



Greylock Conventional, LLC

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

Date: 5/6/2024

0 125 250 500 750 1,000



Feet

1:4,800

TOPO SECTION OF USGS
WALTON 7.5' QUADRANGLE

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-087-03583 WELL NO.: 1

FARM NAME: Daniel

RESPONSIBLE PARTY NAME: Greylock Conventional, LLC.

COUNTY: Roane DISTRICT: Walton

QUADRANGLE: Walton 7.5

SURFACE OWNER: _____

ROYALTY OWNER: _____

UTM GPS NORTHING: 4288328.14

UTM GPS EASTING: 463478.34 GPS ELEVATION: 904 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 _____

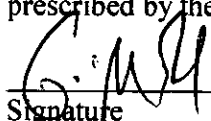
Real-Time Differential _____

Mapping Grade GPS _____: Post Processed Differential _____

Real-Time Differential _____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature

Asset Dev Manager
Title

5/10/24
Date

Received
Office of Oil and Gas
MAY 23 2024
West Virginia Department of
Environmental Protection

07/12/2024

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

plugging permit issued 4708703583

1 message

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


Mon, Jul 8, 2024 at 9:33 AM

To: "Lord, Jonathan" <jlord@greylockenergy.com>, "Knuckles, Melissa" <mknuckles@greylockenergy.com>, Cruise A Lawson <cruise.a.lawson@wv.gov>, ewestfall@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4708703583.

James Kennedy

WVDEP OOG

 **4708703583.pdf**
3376K

07/12/2024



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

OOG issued the plugging permit for 4708703583

1 message


Kennedy, James P <james.p.kennedy@wv.gov>
To: "clerc.daniell@gmail.com" <clerc.daniell@gmail.com>

Mon, Jul 8, 2024 at 2:02 PM

To whom it may concern, a plugging permit has been issued for 4708703583.

James Kennedy

WVDEP OOG

 **4708703583.pdf**
3376K

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