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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, July 8, 2024  
PERMIT MODIFICATION APPROVAL  
Vertical / Plugging

GREYLOCK CONVENTIONAL, LLC  
500 CORPORATE LANDING

CHARLESTON, WV 25311

Re: Permit Modification Approval for 1  
47-087-03476-00-00

**Plugging Procedure Cement**

GREYLOCK CONVENTIONAL, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before 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 or seal.

Operator's Well Number:  
Farm Name: BLACKWELL, GLEN - HEIRS  
U.S. WELL NUMBER: 47-087-03476-00-00  
Vertical Plugging  
Date Modification Issued: 07/08/2024

Promoting a healthy environment.

07/12/2024

**Plugging Procedure Blackwell #1**  
**API: 47-087-3476**

Casing	Depth (ft)	Cement for casing
9 5/8	261	150 cf
7	2404	175 cf
Open Hole	2404 - 5642	NA

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~~ to be used, Alternative cement form submitted for ~~Type II~~. *CLASS L*
6. **PLUG 1** – Set cement plug from 2500 - 2150' to cover openhole top/casing shoe (2404') and Big Lime (2210')
7. **PLUG 2** – PU and set cement plug from **2000 – 1800'** to cover salt water (1950')
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 **1017 – 917'** to cover elevation (967')
11. **PLUG 4** – PU set cement plug from **311 – 211'** to cover casing shoe (261')
12. **PLUG 5** – PU set plug from **150' – Surface** to cover freshwater (90') and surface
13. 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

Class L *Jonathan Lord*  
~~Type II~~ 7/3/24

*[Signature]* Cruise Hansen  
 006 5/20/24

07/12/2024