



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
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Harold D. Ward, Cabinet Secretary
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 4-A
47-039-03359-00-00

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 positioned to the right of the printed name and title.

Operator's Well Number:
Farm Name: IMPERIAL COAL CO.
U.S. WELL NUMBER: 47-039-03359-00-00
Vertical Plugging
Date Modification Issued: 07/08/2024

Promoting a healthy environment.

07/12/2024

4703903359



Imperial #4 P&A Procedure:

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, Type I, II or Type III~~ ^{Class L} can be used for cement plugs.
6. **PLUG 1** – Set cement plug from Approved Tag Depth - 2800' to cover perfs (2936 - 2942') and bottom shoe. *OK*
7. Free point 4.5" casing, rip and pull pipe.
8. **PLUG 2** – Set 100' plug across casing cut (50' inside, 50' on top) *OK*
9. **PLUG 3** – Set cement plug from 1200 - 975' to cover elevation (1150') and salt sand (1025') *OK*
10. **PLUG 4** – Set balance plug from 850' - 720' to cover casing shoe *OK*
11. **PLUG 5** – PUH and set balance plug from ²⁰⁰100' - Surface - *maybe more Depending Coal*
12. Set monument 30" above ground with Well Name, API and plug date

Office of Oil and Gas
 MAR 23 2024
 Emission Control

Jonathan Lord
 7/8/24

Section	Size	Weight/Grade	Depth	Hole Size	Cement top/Sks
Surface	8-5/8"	NA	782'	NA	200sks Surface (calculated)
Production	4-1/2"	NA	3025'	NA	125 sks
Tubing	1-1/2"	NA	NA'	NA	NA

Aug 12/24

.3025 TD

07/12/2024