



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
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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 1
47-039-03361-00-00

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

Operator's Well Number:
Farm Name: IMPERIAL COAL CO.
U.S. WELL NUMBER: 47-039-03361-00-00
Vertical Plugging
Date Modification Issued: 07/08/2024

Promoting a healthy environment.

07/12/2024

4703903361



5000 Corporate Center
Charleston, WV 25301

Imperial #1 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. *Jonathan Lord 7/8/24*
 - 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 - 2650' to cover perfs (2781-2785') and bottom shoe.
7. **PLUG 2** – Set cement plug from 2290 – 2090' to cover perfs (2191 – 2195). *OK*
 - a. WOC and tag TOC to confirm perfs are covered. Pump another plug if cement fell below 2090'.
8. Free point 4.5" casing, rip and pull pipe.
9. **PLUG 3** – Set 100' plug across casing cut (50' inside, 50' on top)
10. **PLUG 4** – Set balance plug from 1410' – 1300' to cover elevation) *SET AS ON plug*
11. **PLUG 5** – Set balance plug from 1060' - 950' to cover salt sand
12. **PLUG 5** – PUH and set balance plug from 525 – 370' to cover casing shoe *OK*
13. **PLUG 6** – PUH and set balance plug from 100' - Surface *COVER PH COALS*
14. Set monument 30" above ground with Well Name, API and plug date *Approved Mike 3-20-24*

Section	Size	Weight/Grade	Depth	Hole Size	TOC
Surface	8-5/8"	NA	454'	NA	200sks Surface (calculated)
Production	4-1/2"	NA	2905'	NA	150 sks
Tubing	1-1/2"	NA	NA'	NA	NA

MAR 22 2024

07/12/2024