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Replug By Other Operator
 Document Number:
 404667605
 Date Received:

WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set. A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

ECMC Operator Number: 10814 Contact Name: Richard Saadeh
 Name of Operator: MDS ENERGY DEVELOPMENT LLC Phone: (817) 718-0175
 Address: 409 BUTLER RD SUITE A Fax: _____
 City: KITTANNING State: PA Zip: 16201 Email: richard.saadeh@mdsed.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 ECMC contact: Email: _____

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-123-05465-00
 Well Name: CASTOR A Well Number: 1
 Location: QtrQtr: SWNW Section: 34 Township: 8N Range: 59W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: BUCKINGHAM Field Number: 7570

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.620267 Longitude: -103.970517
 GPS Data: GPS Quality Value: 1.1 Type of GPS Quality Value: PDOP Date of Measurement: 11/18/2025
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: _____
 Fish in Hole: Yes No If yes, explain details below
 Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below
 Details: _____

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
D SAND	6704	6722	07/31/1969	SAND PLUG	6650

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J55	36	0	255	150	255	0	VISU
1ST	7+7/8	5+1/2	J55	15.5	5004	6770	175	6770	5740	CALC
OPEN HOLE	7+7/8				255	5004				

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIBP #4: Depth _____ with _____ sacks cmt on top.
CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 90 sks cmt from 5004 ft. to 4623 ft. Plug Type: STUB PLUG Plug Tagged:
Set 80 sks cmt from 2526 ft. to 2300 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 90 sks cmt from 1584 ft. to 1152 ft. Plug Type: OPEN HOLE Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
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(Cast Iron Cement Retainer Depth)

Set 200 sacks half in. half out surface casing from 535 ft. to 0 ft. Plug Tagged:
Set 10 sacks at surface
Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: Yes No
Set _____ sacks in rat hole Set _____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. of _____ inch casing
Surface Plug Setting Date: 04/20/2026 Cut and Cap Date: 05/11/2026 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 21

*Wireline Contractor: N/A *Cementing Contractor: Axis Energy Services

Type of Cement and Additives Used: 15.8 ppg Neat G mixed at 1.15 cuft/sk

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Taylor Heffner
Title: MDS Energy Contractor Date: _____ Email: theffner@carbon-shield.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with ECMC Rules and applicable orders and is hereby approved.

ECMC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY LIST

<u>COA Type</u>	<u>Description</u>
0 COA	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
404667629	WELLBORE DIAGRAM
404667631	OPERATIONS SUMMARY
404667633	CEMENT JOB SUMMARY
404667636	CEMENT JOB SUMMARY
404667637	CEMENT JOB SUMMARY

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)