FORM 6 Rev 11/20

State of Colorado
Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

DE	ET	OE	ES

Replug By Other Operator

Document Number: 404472406

Date Received: 12/15/2025

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, ECMC contact: Name: Petrie, Erica Tel: (303) 726-3822 Email: erica.petrie@state.co.us

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

API Number 05-123-05479-00

Well Name: HANSON UNIT Well Number: 1

Location: QtrQtr: NWNE Section: 33 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: 40.623928 Longitude: -103.979723

GPS Data: GPS Quality Value: 1.3 Type of GPS Quality Value: PDOP Date of Measurement: 11/18/2025

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems

☒ Other Re-entry P&A offset to upcoming HZ development

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

Total: 0 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	10+3/4	J55	36	0	212	100	212	0	VISU
OPEN HOLE	7+7/8				212	6747				

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	100	sks cmt from	6033	ft. to	5783	ft.	Plug Type: OPEN HOLE	Plug Tagged: ☒
Set	80	sks cmt from	2500	ft. to	2300	ft.	Plug Type: OPEN HOLE	Plug Tagged: ☐
Set	80	sks cmt from	1575	ft. to	1375	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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Perforate and squeeze at ______ ft. with ______ sacks. Leave at least 100 ft. in casing ______ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 224 sacks half in. half out surface casing from 525 ft. to 0 ft. Plug Tagged: ☒

Set ______ 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: ______ Cut and Cap Date: ______

Number of Days from Setting Surface Plug to Capping or Sealing the Well: ______

*Wireline Contractor: ______ *Cementing Contractor: ______

Type of Cement and Additives Used: ______

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: 12/15/2025 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: Wolfe, Stephen Date: 1/12/2026

CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 7/11/2026

COA Type	Description
	Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.
	Plugging 1) Two(2) electronic notifications required, • File a Form 42(MIRU) Notice of MIRU 2 business days ahead of operations, • File a Form 42(PA) Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations. 2) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from ECMC is obtained. 3) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug (minimum) on top. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Wait on cement(WOC) a minimum of 4 hrs before tagging a plug. Tag at tops specified. Notify ECMC Area Engineer of a high(shallow) tag or before adding cement to a previous plug due to a low(deep) cement top. 4) Place a 50' cement plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface and complete isolation in all strings during cut and cap. After cut and prior to cap, verify isolation by either a 15 minute bubble test or 15 minute optical gas imaging observation. If there is any indication of flow contact ECMC Engineering before proceeding. Provide a statement on the 6 SRA as to which method was used and what was observed. Retain records of final isolation test for 5 years. 5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed. 6) Operator must wait a sufficient time on all plugs to achieve the intended design. If at any time during the plugging there is evidence of previously unreported pressure or fluid migration, contact ECMC Area Engineer before continuing operations. 7) Plugging procedure has been approved as follows, Plug #1 - 6033-5783', pump a 100 sx open hole plug, WOC and tag, Plug #2 - 2500-2300', pump an 80 sx open hole plug, see COA #3 for tag, All pressure and fluid migration on this well must be eliminated prior to pumping the next plug, Plug #3 - 1575-1375', pump an 80 sx open hole plug, WOC and tag, Plug #4 - 525-0', pump a 224 sx open hole plug and circulate to the surface, WOC and tag at 162' or shallower, Plug #5 - 50' of cement at the surface in the casing per COA #4.
	Due to proximity to a mapped wetland, operator will use secondary containment for all tanks and other liquid containers. Operator will implement stormwater BMPs and erosion control measures as needed to prevent sediment and stormwater runoff from entering the wetland.
	Notification will be given to any adjacent building unit occupants within 1,000 feet of the wellhead of planned P&A start date.
4 COAs	

ATTACHMENT LIST

Att Doc Num	Name
404472406	FORM 6 INTENT SUBMITTED
404472464	SURFACE OWNER CONSENT
404472465	WELLBORE DIAGRAM
404472466	WELLBORE DIAGRAM
404472467	LOCATION PHOTO

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
Engineer	Req new WBD. Rec 1/7/26.	01/06/2026
Engineer	Groundwater - Laramie-Fox Hills, Upper Pierre Deepest water well- 1525'(GR=4945), 475'(GR=4880), 320'(1mi, 21 records) 3420,4405 MSL Log - 123-10204 GR=4940 L-FH 230-440', UP 830-1490'	01/06/2026
Permit	Reviewed attachments. Pass.	12/22/2025
OGLA	Location Assessment Specialist (LAS) review complete. Well is not in a HPH.	12/17/2025

Total: 4 comment(s)