

FORM  
6Rev  
11/20

## State of Colorado

## Energy &amp; Carbon Management Commission

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



DE ET OE ES

Document Number:

403943225

Date Received:

10/02/2024

## 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: 47120

Contact Name: Candice Barber

Name of Operator: KERR MCGEE OIL &amp; GAS ONSHORE LP

Phone: (307) 2334513

Address: P O BOX 173779

Fax:

City: DENVER State: CO Zip: 80217-

Email: candice\_barber@oxy.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 05-123-33004-00

Well Name: MARKHAM

Well Number: 13-8

Location: QtrQtr: SWSW Section: 8 Township: 2N Range: 65W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.148977

Longitude: -104.694885

GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 09/13/2024

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
CODELL	7384	7398	06/13/2024	RETAINER/SQUEEZED	7087
NIOBRARA	7154	7257	06/13/2024	RETAINER/SQUEEZED	7087

Total: 2 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	J-55	24	0	835	530	835	0	VISU
1ST	7+7/8	4+1/2	I-80	11.6	0	7538	1035	7538	0	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 281 with 30 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 30 sks cmt from 281 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ 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 7154 ft. with 100 sacks. Leave at least 100 ft. in casing 7087 CICR Depth  
Perforate and squeeze at 4396 ft. with 100 sacks. Leave at least 100 ft. in casing 4366 CICR Depth  
Perforate and squeeze at 2335 ft. with 100 sacks. Leave at least 100 ft. in casing 2305 CICR Depth  
(Cast Iron Cement Retainer Depth)

Set \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Tagged: ☐

Set 8 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 Number of Days from Setting Surface Plug  
Surface Plug Setting Date: 06/18/2024 Cut and Cap Date: 09/13/2024 to Capping or Sealing the Well: 87

\*Wireline Contractor: AXIS \*Cementing Contractor: NEXTIER

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105 ☒ Yes ☐ No

Technical Detail/Comments:

CONTINUED PLUGGING PROCEDURE:

PERF AT 1610' WITH 160 SACKS OF CEMENT, CICR SET AT 1580' IN CASING

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

Signed: \_\_\_\_\_ Print Name: Candice Barber  
Title: REG ANALYST Date: 10/2/2024 Email: DJREGULATORY@OXY.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: Jacobson, Eric Date: 1/24/2025

### CONDITIONS OF APPROVAL, IF ANY LIST

COA Type	Description
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0 COA	
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**ATTACHMENT LIST**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
403943225	FORM 6 SUBSEQUENT SUBMITTED
403943256	OPERATIONS SUMMARY
403943257	OTHER
403943259	CEMENT JOB SUMMARY
403943260	WELLBORE DIAGRAM
403943261	WIRELINE JOB SUMMARY

Total Attach: 6 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	2 months PA pass	01/23/2025
Permit	1 month PA attachments reviewed	01/07/2025

Total: 2 comment(s)