

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:

403765953

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: 47120

Contact Name: Lorena Ruiz

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

Phone: (970) 336-3535

Address: P O BOX 173779

Fax:

City: DENVER State: CO Zip: 80217-

Email: lorena\_ruiz@oxy.com

For "Intent" 24 hour notice required,

Name: Kester, Michael

Tel: (970) 852-9726

ECMC contact:

Email: michael.kester@state.co.us

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

API Number 05-123-22659-00

Well Name: HOWARD

Well Number: 1-27

Location: QtrQtr: NENE Section: 27 Township: 1N Range: 67W 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: 40.028080

Longitude: -104.869960

GPS Data: GPS Quality Value: 2.3 Type of GPS Quality Value: Date of Measurement: 11/21/2006

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes ☐ No Estimated Depth: 1945Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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	7692	7714			
J SAND	8146	8174			
NIOBRARA	7294	7555			

Total: 3 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	1076	755	1076	0	VISU
1ST	7+7/8	4+1/2	I-80	11.6	0	8285	290	8285	6797	CBL
	7+7/8	4+1/2	I-80	Stage Tool	0	5227	250	5232	4075	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8080 with 2 sacks cmt on top. CIBP #2: Depth 300 with 90 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 10 sks cmt from 7264 ft. to 7140 ft. Plug Type: CASING Plug Tagged: ☐  
Set 5 sks cmt from 4635 ft. to 4575 ft. Plug Type: CASING Plug Tagged: ☐  
Set 40 sks cmt from 2645 ft. to 2145 ft. Plug Type: CASING Plug Tagged: ☐  
Set 90 sks cmt from 300 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐  
Set            sks cmt from            ft. to            ft. Plug Type:            Plug Tagged: ☐

Perforate and squeeze at 7294 ft. with 95 sacks. Leave at least 100 ft. in casing 7264 CICR Depth  
Perforate and squeeze at 4665 ft. with 95 sacks. Leave at least 100 ft. in casing 4635 CICR Depth  
Perforate and squeeze at 2645 ft. with 120 sacks. Leave at least 100 ft. in casing            CICR Depth

(Cast Iron Cement Retainer Depth)

Set 405 sacks half in. half out surface casing from 1945 ft. to 1026 ft. Plug Tagged: ☐

Set 90 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:

**Signage for P&As:**

Prior to commencing operations, KMG will post signs in conspicuous locations. The signs will indicate plugging and abandonment operations are being conducted, the well name, well, and the Operator's contact information. Signs will be placed so as not to create a potential traffic hazard.

**Notifications:**

Courtesy notifications will be sent to all parcel owners with building units within 1,500 feet of the location letting them know about out plugging and abandonment operations and providing contact information for Kerr McGee's response line and online resources.

**Wellbore Pressure:**

In some cases, wellbore pressure drawdown operations may occur approximately 1-2 days prior to Move In Rig Up (MIRU) of the workover rig. This is conducted to allow for reduced time that the workover rig is needed on location. These operations will be conducted in accordance with Form 4 and/or Form 6 requirements.

**Water:**

Water will be placed on dirt access roads to mitigate dust as needed.

**Lighting:**

Operations are daylight-only; no lighting impacts are anticipated from operations.

**Noise:**

Operations will be in compliance with Table 423-1 requirements. Based off the rig sound signature, rig orientation will be considered to reduce noise levels to nearby building units.

**Environmental Concerns:**

This location was reviewed using a desktop method to review publicly available wildlife data (including CPW & ECMC data) as well as internal wildlife datasets and aerial imagery. All field personnel are trained to identify wildlife risks and raise concerns noticed during operations with the KMOG Health, Safety, and Environment (HSE) department.

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

Signed: \_\_\_\_\_ Print Name: Lorena Ruiz  
Title: Regulatory Tech Date: \_\_\_\_\_ Email: lorena\_ruiz@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: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY LIST**

Expiration Date: \_\_\_\_\_

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

**ATTACHMENT LIST**

<u>Att Doc Num</u>	<u>Name</u>
403765957	PROPOSED PLUGGING PROCEDURE
403765958	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

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

Total: 0 comment(s)