

Document Number:  
403812880

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 & 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 05-123-34063-00

Well Name: MORTON Well Number: 24-1

Location: QtrQtr: NESE Section: 1 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: 40.076517 Longitude: -104.833356

GPS Data: GPS Quality Value: 3.0 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 01/12/2012

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems

Other \_\_\_\_\_

Casing to be pulled:  Yes  No Estimated Depth: 260

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	7654	7654			
NIOBRARA	7412	7505			
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	878	590	878	0	VISU
1ST	7+7/8	4+1/2	I-80	11.6	0	8227	44	8227	7980	CBL
	7+7/8	4+1/2	I-80	Stage Tool	0	7960	1005	7960	280	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 190 with 60 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 10 sks cmt from 7300 ft. to 7175 ft. Plug Type: CASING Plug Tagged:   
 Set 5 sks cmt from 4633 ft. to 4570 ft. Plug Type: CASING Plug Tagged:   
 Set 5 sks cmt from 2038 ft. to 1975 ft. Plug Type: CASING Plug Tagged:   
 Set 60 sks cmt from 190 ft. to 0 ft. Plug Type: CASING Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at 7412 ft. with 90 sacks. Leave at least 100 ft. in casing 7300 CICR Depth  
 Perforate and squeeze at 4663 ft. with 95 sacks. Leave at least 100 ft. in casing 4633 CICR Depth  
 Perforate and squeeze at 2068 ft. with 95 sacks. Leave at least 100 ft. in casing 2038 CICR Depth  
 (Cast Iron Cement Retainer Depth)

Set 70 sacks half in. half out surface casing from 930 ft. to 210 ft. Plug Tagged:   
 Set 60 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 to Capping or Sealing the Well: \_\_\_\_\_  
 Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_  
 \*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
 Type of Cement and Additives Used: \_\_\_\_\_  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

**Additional Plugging Information:**

Perforate and squeeze at 960ft. with 95 sacks. Leave at least 100 ft. in casing 930 CICR Depth (Cast Iron Cement Retainer)

**BMPs**

**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>
403812901	PROPOSED PLUGGING PROCEDURE
403812903	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)