

Document Number:
403188177

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.

OGCC Operator Number: 47120 Contact Name: Lindsay Davis

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (970) 515-1500

Address: P O BOX 173779 Fax: _____

City: DENVER State: CO Zip: 80217- Email: Lindsay_Davis@oxy.com

For "Intent" 24 hour notice required, Name: Carlile, Craig Tel: (970) 629-8279

COGCC contact: Email: craig.carlile@state.co.us

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

API Number 05-123-25465-00

Well Name: LUDWIG H Well Number: 6-19

Location: QtrQtr: SWNW Section: 6 Township: 3N Range: 65W Meridian: 6

County: WELD Federal, Indian or State Lease Number: _____

Field Name: HAMBERT Field Number: 33530

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.257717 Longitude: -104.711347

GPS Data: GPS Quality Value: 2.7 Type of GPS Quality Value: _____ Date of Measurement: 07/08/2008

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other _____

Casing to be pulled: Yes No Estimated Depth: 755

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	7365	7380			
NIOBRARA	7073	7155			

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	654	316	654	0	VISU
1ST	7+7/8	4+1/2	M-80	11.6	0	7533	920	7533	2500	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7021 with 2 sacks cmt on top. CIBP #2: Depth 260 with 80 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 5 sks cmt from 4340 ft. to 4280 ft. Plug Type: CASING Plug Tagged:
Set 5 sks cmt from 2770 ft. to 2710 ft. Plug Type: CASING Plug Tagged:
Set 55 sks cmt from 1800 ft. to 1100 ft. Plug Type: CASING Plug Tagged:
Set 80 sks cmt from 260 ft. to 0 ft. Plug Type: CASING Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 4370 ft. with 95 sacks. Leave at least 100 ft. in casing 4340 CICR Depth
Perforate and squeeze at 2800 ft. with 95 sacks. Leave at least 100 ft. in casing 2770 CICR Depth
Perforate and squeeze at 1800 ft. with 165 sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)

Set 120 sacks half in. half out surface casing from 755 ft. to 604 ft. Plug Tagged:

Set 80 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:

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 our 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 & COGCC data) as well as internal wildlife datasets and aerial imagery. No risks were identified. All field personal are trained to identify wildlife risks and raise concerns noticed during operations with the 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: Lindsay Davis
 Title: Regulatory Tech Date: _____ Email: Lindsay_Davis@oxy.com

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

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: _____

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

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403188195	PROPOSED PLUGGING PROCEDURE
403188196	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)