

Document Number:
403593044

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: Christina Hirtler
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6301
 Address: P O BOX 173779 Fax: _____
 City: DENVER State: CO Zip: 80217- Email: christina_hirtler@oxy.com

For "Intent" 24 hour notice required, Name: Peterson, Tom Tel: (970) 370-1281
COGCC contact: Email: tom.peterson@state.co.us

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

API Number 05-123-26248-00
 Well Name: LIND Well Number: 21-6
 Location: QtrQtr: NWNE Section: 6 Township: 5N 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: 40.434956 Longitude: -104.934036
 GPS Data: GPS Quality Value: 1.9 Type of GPS Quality Value: _____ Date of Measurement: 11/23/2009
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 900
 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	7374	7388			
J SAND	7838	7886			
NIOBRARA	7062	7270	04/30/2008	B PLUG CEMENT TOP	7790

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	J55	24	0	768	480	768	0	VISU
1ST	7+7/8	4+1/2	L80	11.6	0	7981	972	7981	972	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 260 with 80 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 15 sks cmt from 7030 ft. to 6768 ft. Plug Type: CASING Plug Tagged:
 Set 15 sks cmt from 4150 ft. to 3950 ft. Plug Type: CASING Plug Tagged:
 Set 15 sks cmt from 2394 ft. to 2195 ft. Plug Type: CASING Plug Tagged:
 Set 15 sks cmt from 1160 ft. to 960 ft. Plug Type: CASING Plug Tagged:
 Set 80 sks cmt from 260 ft. to 0 ft. Plug Type: CASING Plug Tagged:

Perforate and squeeze at 7062 ft. with 85 sacks. Leave at least 100 ft. in casing 7030 CICR Depth
 Perforate and squeeze at 4210 ft. with 85 sacks. Leave at least 100 ft. in casing 4150 CICR Depth
 Perforate and squeeze at 2454 ft. with 85 sacks. Leave at least 100 ft. in casing 2394 CICR Depth
 (Cast Iron Cement Retainer Depth)

Set 135 sacks half in. half out surface casing from 900 ft. to 718 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:

Additional plugging info below:

Perforate and squeeze at 1500ft. with 135sacks. Leave at least 100 ft. in casing 1160CICR 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: Christina Hirtler

Title: Regulatory

Date: _____

Email: christina_hirtler@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>
0 COA	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403593099	PROPOSED PLUGGING PROCEDURE
403593100	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)