

FORM  
6Rev  
12/05State of Colorado  
Oil and Gas Conservation Commission

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Date Received:

01/02/2014

## 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: REBECCA HEIM

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

Phone: (720) 929-6361

Address: P O BOX 173779

Fax: (720) 929-7361

City: DENVER State: CO Zip: 80217-

Email: REBECCA.HEIM@ANADARKO.COM

For "Intent" 24 hour notice required,

Name: Tel:

COGCC contact:

Email:

API Number 05-123-19799-00

Well Name: HSR-PICKERING

Well Number: 9-12A

Location: QtrQtr: NWSE Section: 12 Township: 2N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

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

Latitude: 40.150064

Longitude: -104.836094

GPS Data:

Date of Measurement: 10/21/2008

PDOP Reading: 2.0

GPS Instrument Operator's Name: Cody Mattson

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish 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
J SAND	7960	8019			

Total: 1 zone(s)

## Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	726	560	726	0	VISU
1ST	7+7/8	4+1/2	11.6	8,106	220	8,106	6,840	CBL
			Stage Tool	4,845	225	4,845	3,880	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7910 with 2 sacks cmt on top. CIPB #2: Depth 7290 with 2 sacks cmt on top.  
CIBP #3: Depth 100 with \_\_\_\_\_ sacks cmt on top. CIPB #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 7290 ft. to 6819 ft. Plug Type: CASING Plug Tagged: ☐  
Set 100 sks cmt from 5115 ft. to 3770 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: ☐

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 250 sacks half in. half out surface casing from 1360 ft. to 428 ft. Plug Tagged: ☒

Set 39 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: 1250 ft. of 4+1/2 inch casing

Plugging Date: 12/17/2013

\*Wireline Contractor: WARRIOR

\*Cementing Contractor: SANJEL

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

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

\*ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: \_\_\_\_\_

Print Name: REBECCA HEIM

Title: REGULATORY ANALYST II

Date: 1/2/2014

Email: rscdjpostdrill@anadarko.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: SCHLAGENHAUF, MARK

Date: 10/26/2014

### CONDITIONS OF APPROVAL, IF ANY:

#### COA Type

#### Description

COA Type	Description

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400532193	FORM 6 SUBSEQUENT SUBMITTED
400532199	OPERATIONS SUMMARY
400532200	CEMENT JOB SUMMARY
400532201	CEMENT JOB SUMMARY
400532202	WIRELINE JOB SUMMARY
400532203	WIRELINE JOB SUMMARY
400532205	WELLBORE DIAGRAM

Total Attach: 7 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	requested gyro survey	10/8/2014 2:23:20 PM
Permit	Notice of Intent of Abandon dated 10/01/2013.	1/7/2014 9:58:27 AM

Total: 2 comment(s)