

FORM  
6Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400589531

Date Received:

04/14/2014

## 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: CHERYL LIGHT

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

Phone: (720) 929-6461

Address: P O BOX 173779

Fax: (720) 929-7461

City: DENVER State: CO Zip: 80217-

Email: CHERYL.LIGHT@ANADARKO.COM

**For "Intent" 24 hour notice required,**

Name: Carlile, Craig

Tel: (303) 8942100

**COGCC contact:**

Email: craig.carlile@state.co.us

API Number 05-123-18845-00

Well Name: HSR-MARGARET

Well Number: 8-18

Location: QtrQtr: SENE Section: 18 Township: 3N 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: 40.227390

Longitude: -104.924890

GPS Data:

Date of Measurement: 06/30/2008

PDOP Reading: 2.9

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: 870

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks: ☐ Yes☒ No

If yes, explain details below

Details: We intend to set two retrievable bridge plugs during a safety prep procedure to prepare the well for an offset horizontal frac. We will remove these plugs during the P&A process as denoted in the attached procedure.

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7138	7148			
NIOBRARA	6929	6930			

Total: 2 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	621	435	621	0	VISU
1ST	7+7/8	3+1/2	7.7	7,262	185	7,288	6,334	CBL
S.C. 1.1				4,770	360	4,770	3,720	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6864 with 25 sacks cmt on top. CIBP #2: Depth 100 with 23 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 25 sks cmt from 6864 ft. to 6460 ft. Plug Type: CASING Plug Tagged: ☐

Set 30 sks cmt from 4400 ft. to 3795 ft. Plug Type: CASING Plug Tagged: ☒

Set 220 sks cmt from 970 ft. to 420 ft. Plug Type: STUB PLUG 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 220 sacks half in. half out surface casing from 970 ft. to 420 ft. Plug Tagged: ☒

Set 23 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 Plugging Date: \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

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: CHERYL LIGHT

Title: SR. REGULATORY ANALYST Date: 4/14/2014 Email: DJREGULATORY@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: JENKINS, STEVE Date: 4/18/2014

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ Expiration Date: 10/17/2014

<b><u>COA Type</u></b>	<b><u>Description</u></b>
	<p>Note changes to plugging procedure:</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) For 4400' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 3795' or shallower.</p> <p>3) For 970' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 420' or shallower.</p> <p>4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p>

### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400589531	FORM 6 INTENT SUBMITTED
400589533	PROPOSED PLUGGING PROCEDURE
400589534	WELLBORE DIAGRAM

Total Attach: 3 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Well Completion Report dated 3/13/1995.	4/16/2014 9:21:08 AM

Total: 1 comment(s)