

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

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12/01/2015

## 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 & 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: Helgeland, Gary Tel: (970) 216-5749  
 COGCC contact: Email: gary.helgeland@state.co.us

API Number 05-013-06473-00 Well Number: 41-10  
 Well Name: ALMQUIST  
 Location: QtrQtr: NENE Section: 10 Township: 1N Range: 69W Meridian: 6  
 County: BOULDER 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: 40.070636 Longitude: -105.095028  
 GPS Data:  
 Date of Measurement: 06/10/2009 PDOP Reading: 4.4 GPS Instrument Operator's Name: Cody Mattson  
 Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems  
☐ Other \_\_\_\_\_  
 Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 4440  
 Fish in Hole: ☐ Yes ☒ No If yes, explain details below  
 Wellbore has Uncemented Casing leaks: ☒ Yes ☐ No If yes, explain details below  
 Details: Leak in casing has not been located yet, but a bridge plug was set @ 7220' w/ 2 sacks of cement on top to isolate the perfs.

## Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| CODELL    | 7705      | 7715      |                | B PLUG CEMENT TOP   | 7220       |
| NIOBRARA  | 7350      | 7480      | 11/06/2015     | B PLUG CEMENT TOP   | 7220       |

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              | 741           | 480          | 741        | 0          | CALC   |
| 1ST         | 7+7/8        | 3+1/2          | 7.7             | 7,846         | 220          | 7,846      | 6,700      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 80 with 25 sacks cmt on top. CIPB #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #3: Depth \_\_\_\_\_ 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 20 sks cmt from 7175 ft. to 6586 ft. Plug Type: CASING Plug Tagged: ☐  
Set 110 sks cmt from 4440 ft. to 4230 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 180 sacks half in. half out surface casing from 980 ft. to 640 ft. Plug Tagged: ☒

Set \_\_\_\_\_ 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: 12/1/2015 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: BURN, DIANA Date: 1/21/2016

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ Expiration Date: 7/20/2016

### COA Type

### Description

|  |  |
|--|--|
|  | 1) Provide 48 hour notice of plugging MIRU via electronic Form 42.<br>2) For 980' plug: pump plug and displace. If plug not circulated to surface then tag plug – must be 690' or shallower and provide bridge plug and 25 sx plug at the surface. Leave at least 100' cement in the casing for each plug.<br>3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. |
|--|--|

### Attachment Check List

**Att Doc Num****Name**

|           |                             |
|-----------|-----------------------------|
| 400945500 | FORM 6 INTENT SUBMITTED     |
| 400945505 | PROPOSED PLUGGING PROCEDURE |
| 400945506 | WELLBORE DIAGRAM            |

Total Attach: 3 Files

### General Comments

**User Group****Comment****Comment Date**

|             |  |                           |
|-------------|--|---------------------------|
| Permit      | Well Completion Report dated 1/30/1995 | 12/28/2015<br>11:08:22 AM |
| Public Room | Document verification complete 12/2/15 | 12/2/2015<br>11:27:35 AM  |

Total: 2 comment(s)