

**FORM**  
**6**  
Rev  
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



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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: REBECCA HEIM  
 Name of Operator: KERR-MCGEE OIL & 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 05-123-18242-00 Well Number: 9-36  
 Well Name: HSR-VIOLA  
 Location: QtrQtr: NESE Section: 36 Township: 3N Range: 67W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 61830  
 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: 40.178870 Longitude: -104.831510  
 GPS Data:  
 Date of Measurement: 11/08/2006 PDOP Reading: 2.5 GPS Instrument Operator's Name: Chris Fisher  
 Reason for Abandonment:  Dry  Production for Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Estimated Depth: \_\_\_\_\_  
 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 | Code | Perf. Top | Perf. Bottom | Date | Method of Isolation | Plug Depth |
|-----------|------|-----------|--------------|------|---------------------|------------|
| CODELL    | CODL | 7317      | 7327         |      |                     |            |
| J SAND    | JSND | 7765      | 7828         |      |                     |            |
| NIOBRARA  | NBRR | 7103      | 7105         |      |                     |            |

Total: 3 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              | 855           | 595          | 855        | 0          | VISU   |
| 1ST         | 7+7/8        | 3+1/2          | 7.7             | 7,455         | 740          | 7,386      | 3,795      | CBL    |
| S.C. 1.1    | 2+3/4        | 2+3/8          | 4.7             | 7,919         | 15           | 7,890      | 7,373      | CALC   |

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7350 with 2 sacks cmt on top. CIBP #2: Depth 7040 with \_\_\_\_\_ sacks cmt on top.  
 CIBP #3: Depth 100 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 30 sks cmt from 7030 ft. to 6300 ft. Plug Type: CASING Plug Tagged:   
 Set 45 sks cmt from 5005 ft. to 3995 ft. Plug Type: CASING Plug Tagged:   
 Set 190 sks cmt from 1045 ft. to 320 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:

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 \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Tagged:

Set 31 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: 11/04/2013

\*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:

GYRO ATTACHED AS "OTHER"

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: \_\_\_\_\_ 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: \_\_\_\_\_ Date: \_\_\_\_\_

#### CONDITIONS OF APPROVAL, IF ANY:

| COA Type | Description |
|----------|-------------|
|          |             |

## Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u>           |
|--------------------|-----------------------|
| 400510271          | OPERATIONS SUMMARY    |
| 400510273          | WELLBORE DIAGRAM      |
| 400510274          | OTHER                 |
| 400510278          | CEMENT JOB SUMMARY    |
| 400510279          | CEMENT JOB SUMMARY    |
| 400510280          | CEMENT JOB SUMMARY    |
| 400511043          | WIRELINER JOB SUMMARY |

Total Attach: 7 Files

## General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)