

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

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Date Received:

06/30/2013

## 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: HICKEY, MIKE

Tel: (970) 302-1024

COGCC contact:

Email: mike.hickey@state.co.us

API Number 05-123-07900-00

Well Name: MARGUERITE TOTEMS UNIT

Well Number: 1

Location: QtrQtr: SWSW Section: 20 Township: 1N 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: 40.032060

Longitude: -104.920300

GPS Data:

Date of Measurement: 03/15/2006

PDOP Reading: 2.6

GPS Instrument Operator's Name: Chris Fisher

Reason for Abandonment: ☐ Dry ☒ Production for Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 320

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks: ☐ Yes☒ No

If yes, explain details below

Details: 3.8" stressed steel liner csg patch @ 5909' with 150 sx of cement. Patch has created tight spot due to I.D. restriction and tools cannot get through. Additional squeezes completed in 1996 with expected coverage from 5454'-4000'. Propose to run CBL from tight spot @ 5909'-surface to confirm coverage. Note: Plan to abandon J-sand with a 27 cuft sand plug. 65 sx of cement placed ontop of sand plug from 8080-7097.

## Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| J SAND    | 8280      | 8307      |                |                     |            |
| DAKOTA    | 8401      | 8468      | 06/14/2006     | CEMENT              | 8380       |

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              | 216           | 200          | 216        | 0          | CALC   |
| 1ST         | 7+7/8        | 4+1/2          | 11.6/10.5       | 8,401         | 200          | 8,401      | 7,632      | CALC   |
| S.C. 1.1    |              |                |                 | 5,909         | 300          | 5,930      | 5,900      | CALC   |
| S.C. 1.2    |              |                |                 | 5,600         | 100          | 5,600      | 5,434      | CALC   |
| OPEN HOLE   | 3+5/8        |                |                 | 8,481         |              |            |            |        |
| S.C. 1.3    |              |                |                 | 5,440         | 200          | 5,440      | 5,240      | CALC   |
|             |              |                | Stage Tool      | 819           | 200          | 819        | 349        | CALC   |

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 100 with 30 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 65 sks cmt from 8080 ft. to 7097 ft. Plug Type: CASING Plug Tagged: ☐  
 Set 100 sks cmt from 5654 ft. to 4678 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 115 sacks half in. half out surface casing from 797 ft. to 120 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: 6/30/2013 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: KING, KEVIN Date: 8/1/2013

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ Expiration Date: 1/31/2014

If the CBL (Step 14 of the submitted plugging procedure) shows inadequate cement coverage of the Shannon or Sussex Formations, the planned cement plug inside the casing from 5654' to 4678' must be adjusted to achieve cement coverage, both inside the 4-1/2" production casing and in the 4-1/2" casing by 7-7/8" hole annulus, 200' above the Sussex Formation. Provide a copy of the CBL along with the Form 6, Subsequent Report of Abandonment, within 30 days after abandonment of this well.

**Attachment Check List**

| Att Doc Num | Name                        |
|-------------|-----------------------------|
| 400440926   | FORM 6 INTENT SUBMITTED     |
| 400440927   | PROPOSED PLUGGING PROCEDURE |
| 400440928   | 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 12/4/1998. | 7/1/2013 9:06:53 AM        |

Total: 1 comment(s)