

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:

400308405

Date Received:

07/23/2012

## 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 05-123-20998-00

Well Name: WARNER

Well Number: 3-14A

Location: QtrQtr: NENW Section: 14 Township: 2N Range: 66W 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: 40.144220

Longitude: -104.746010

GPS Data:

Date of Measurement: 09/20/2006

PDOP Reading: 3.4

GPS Instrument Operator's Name: Steve Fisher

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☒ Other SEE BELOWCasing to be pulled: ☒ Yes ☐ No Estimated Depth: 4560Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore has Uncemented Casing leaks: ☐ Yes ☐ No If yes, explain details below

Details: Well requires plug and abandonment due to the expansion of the Ft. Lupton Station. Midstream has ordered the permanent construction.

## Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| J SAND    | 7936      | 7990      |                |                     |            |
| DAKOTA    | 8196      | 8210      | 06/01/2005     | B PLUG CEMENT TOP   | 8145       |

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              | 964           | 570          | 964        | 0          | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 8,251         | 512          | 8,251      | 4,650      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7850 with 2 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 125 sks cmt from 4560 ft. to 4310 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: ☐

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 125 sacks half in. half out surface casing from 1100 ft. to 900 ft. Plug Tagged: ☒

Set 15 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: 7/23/2012 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: HOLLINSHEAD, RYAN Date: 7/26/2012

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: 1/25/2013

- 1)Provide 48 hour notice of MIRU to Mike Hickey at (970) 302-1024.
- 2)Per a Form 5A on file (document # 1423700 received August 19, 2005), the DKTA formation has already been abandoned by a CIBP with 2 sx of cement on top. Therefore, this plug has been eliminated from the plugging procedure and the previously submitted information has been added to the Form 6 NOI. If during the plugging operations this plug is determined to not exist, a CIBP with 2 sx of cement on top shall be provided. If the previously submitted information is accurate, please ensure it is dictated on the Form 6 Subsequent Report of Abandonment properly.
- 3)Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.
- 4)Cut and pull casing above the top of cement. Cement plug across casing stub from 4560' to 4310' assumes that the casing is cut off at 4460'. Adjust depths for this plug, as necessary, depending on the actual depth of the casing stub.
- 5)For the surface casing shoe plug, if not circulated to surface, tag plug and it must be at least 914' or higher.
- 6)If casing is not pulled, surface plug must be within both the casing and the casing and surface casing annular space.
- 7)If unable to pull casing contact COGCC for plugging modifications.
- 8)Properly abandon flowlines as per Rule 1103.
- 9)Operator must tag plugs upon verbal request by the COGCC engineer or COGCC field inspector.
- 10)Prior to or in conjunction with the submittal of the Form 6 Subsequent Report of Abandonment, all well production records shall be brought up to date. This includes any periods that the well was shut in or temporary abandoned, as production must be reported from spud to plug even if the well's production is zero.
- 11)See plugging changes above.

### **Attachment Check List**

| Att Doc Num | Name                        |
|-------------|-----------------------------|
| 400308405   | FORM 6 INTENT SUBMITTED     |
| 400308417   | PROPOSED PLUGGING PROCEDURE |
| 400308418   | WELLBORE DIAGRAM            |
| 400308419   | WELLBORE DIAGRAM            |

Total Attach: 4 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 6/19/03. | 7/24/2012<br>9:02:23 AM    |

Total: 1 comment(s)