

FORM  
6Rev  
05/18

## 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:

401993717

Date Received:

04/03/2019

## 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: (970) 629-8279

COGCC contact:

Email: craig.carlile@state.co.us

API Number 05-123-23311-00

Well Name: CAMP

Well Number: 13-25

Location: QtrQtr: SWSW Section: 25 Township: 3N 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: 40.190290

Longitude: -104.733230

GPS Data:

Date of Measurement: 07/18/2006

PDOP Reading: 2.4

GPS Instrument Operator's Name: Chris Fisher

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

Estimated Depth: 1405

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 | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| CODELL    | 7454      | 7470      |                |                     |            |
| NIOBRARA  | 7173      | 7333      |                |                     |            |

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              | 837           | 555          | 837        | 0          | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,656         | 380          | 7,656      | 4,476      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7110 with 25 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 <u>25</u> sks cmt from <u>7110</u> ft. to <u>6710</u> ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input type="checkbox"/>            |
| Set <u>10</u> sks cmt from <u>4359</u> ft. to <u>4170</u> ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input type="checkbox"/>            |
| Set <u>50</u> sks cmt from <u>150</u> ft. to <u>0</u> ft.     | Plug Type: <u>CASING</u> | Plug Tagged: <input checked="" type="checkbox"/> |
| Set _____ sks cmt from _____ ft. to _____ ft.                 | Plug Type: _____         | Plug Tagged: <input type="checkbox"/>            |
| Set _____ sks cmt from _____ ft. to _____ ft.                 | Plug Type: _____         | Plug Tagged: <input type="checkbox"/>            |

Perforate and squeeze at 4410 ft. with 25 sacks. Leave at least 100 ft. in casing 4359 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 305 sacks half in. half out surface casing from 1505 ft. to 787 ft. Plug Tagged: ☒

Set 50 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. \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_  
of \_\_\_\_\_

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

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105 ☐ 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: Staff Regulatory Analyst Date: 4/3/2019 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: McCoy, Diane Date: 5/16/2019

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

Expiration Date: 11/15/2019

| <b>COA Type</b> | <b>Description</b>   |
|-----------------|--|
|                 | <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) Properly abandon flowlines per Rule 1105. File electronic Form 42 once abandonment of on-location flowlines complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line the operator must submit a Flowline Report, Form 44.</p> <p>3) Please submit gyro survey data with Form 6 Subsequent Report of Abandonment.</p> <p>4) After pumping squeeze, verify all flows have been eliminated. If evidence of gas migration or pressure remains contact COGCC Engineer for an update to plugging orders.</p>  |
|                 | Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.  |
|                 | <p>Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <p>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p> |
|                 | <p>Submit Operator's Monthly Production Reports (Form 7) required for compliance with Rule 309 within 30 days</p> <p>-Missing production reporting from 8/2012</p>   |

### **Attachment Check List**

| <b><u>Att Doc Num</u></b> | <b><u>Name</u></b>          |
|---------------------------|-----------------------------|
| 401993717                 | FORM 6 INTENT SUBMITTED     |
| 401994377                 | PROPOSED PLUGGING PROCEDURE |
| 401994378                 | 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> |
|--------------------------|--|----------------------------|
| Engineer                 | Deepest water well within one mile = 482'<br>DWR's aquifer determination tool base of Laramie-Fox Hills = 714' | 05/16/2019                 |
| Permit                   | Verified as drilled lat/long<br>Verified completed intervals (1906333)   | 04/04/2019                 |
| Well File Verification   | Pass   | 04/04/2019                 |

Total: 3 comment(s)