

FORM  
6Rev  
05/18State 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:

402278766

Date Received:

01/07/2020

## 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: Jennifer Thomas

Name of Operator: KERR MCGEE OIL &amp; GAS ONSHORE LP

Phone: (720) 929-6808

Address: P O BOX 173779

Fax:

City: DENVER State: CO Zip: 80217-

Email: jennifer\_thomas@oxy.com

For "Intent" 24 hour notice required,

Name: Silver, Randy

Tel: (720) 827-6688

COGCC contact:

Email: randy.silver@state.co.us

API Number 05-123-23741-00

Well Name: JOHNSTON UU

Well Number: 24-4JI

Location: QtrQtr: NWNW Section: 24 Township: 1N Range: 68W 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: 40.042389

Longitude: -104.958844

GPS Data:

Date of Measurement: 02/13/2007

PDOP Reading: 2.3

GPS Instrument Operator's Name: PAUL TAPPY

Reason for Abandonment: ☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing 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 | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| CODELL    | 7836      | 7853      |                |                     |            |
| NIOBRARA  | 7439      | 7604      |                |                     |            |

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              | 1,155         | 800          | 1,155      | 0          | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 8,400         | 320          | 8,400      | 6,210      | CBL    |
| S.C. 1.1    | 7+7/8        | 4+1/2          | 11.6            | 5,646         | 330          | 5,690      | 3,192      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7380 with 2 sacks cmt on top. CIPB #2: Depth 4440 with 2 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 \_\_\_\_\_ 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: ☐  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Perforate and squeeze at 1705 ft. with 170 sacks. Leave at least 100 ft. in casing 1265 CICR Depth

Perforate and squeeze at 1205 ft. with 340 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 340 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 Cut and Cap 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: Jennifer Thomas

Title: Regulatory Analyst Date: 1/7/2020 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: Jacobson, Eric Date: 1/8/2020

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

Expiration Date: 7/7/2020

| <b>COA Type</b> | <b>Description</b>  |
|-----------------|---|
|                 | Added perforations at 1705' and CICR at 1265'<br>Pump 170 sacks cement. Operator concurs  |
|                 | If there has not been a reported Bradenhead test within 60 days of plugging this well, prior to starting plugging operations, a Bradenhead test shall be performed.<br>1) If, before opening the Bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required, and the COGCC engineering staff must be contacted.<br>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.<br>3) If sampling is required contact COGCC engineering for a confirmation of plugging requirements prior to placing any plugs.<br>Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions.<br>The Form 17 shall be submitted within 10 days of the test.  |
|                 | 1) Provide 48 hour notice of plugging MIRU via electronic Form 42.<br>2) Prior to placing the 1205' plug: verify that all fluid migration (liquid or gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.<br>3) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 990' or shallower and provide 10 sack plug at surface.<br>4) Leave at least 100' of cement in the wellbore for each plug.<br>5) Properly abandon on-location flowlines as per Rule 1105. File electronic Form 42 once abandonment is 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.<br>6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.<br>7) After placing the shallowest hydrocarbon isolating plug (4440'), operator must wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC engineering before continuing operations. |
|                 | 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.   |
|                 | File form 7 production reports for 10/2016, 11/2019.  |

### **Attachment Check List**

| <b><u>Att Doc Num</u></b> | <b><u>Name</u></b>          |
|---------------------------|-----------------------------|
| 402278766                 | FORM 6 INTENT SUBMITTED     |
| 402278781                 | PROPOSED PLUGGING PROCEDURE |
| 402278782                 | WELLBORE DIAGRAM            |

Total Attach: 3 Files

### General Comments

| <u>User Group</u> | <u>Comment</u>  | <u>Comment Date</u> |
|-------------------|---|---------------------|
| Engineer          | Well file verification not completed prior to approval of NOIA.   | 01/08/2020          |
| Engineer          | Deepest Water Well within 1 Mile – 1040'<br>SB5 Base of Fox Hills -669'<br><br>Lower Arapahoe 5095 5108 5.5 0 -13 1.50 E NT<br>Laramie-Fox Hills 4426 4726 201.3 669 369 48.31 NNT  | 01/08/2020          |
| Permit            | -Confirmed as-drilled well location.<br>-No other forms in process.<br>-Confirmed productive intervals docnum: 1947453.<br>-Production reporting delinquent. Contacted COGCC production department.<br>-Reviewed procedure and WBD.<br>-Pass. | 01/07/2020          |

Total: 3 comment(s)