

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:

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Date Received:

05/01/2018

## 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: 100322

Contact Name: ERICH ZWAAGSTRA

Name of Operator: NOBLE ENERGY INC

Phone: (970) 304-5122

Address: 1001 NOBLE ENERGY WAY

Fax:

City: HOUSTON State: TX Zip: 77070

Email: ERICH.ZWAAGSTRA@NBLENERGY.COM

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

API Number 05-123-13023-00

Well Name: MORO FARMS

Well Number: 1

Location: QtrQtr: NWSE Section: 20 Township: 6N Range: 65W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 56171

Field Name: GREELEY

Field Number: 32760

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.470550

Longitude: -104.685120

GPS Data:

Date of Measurement: 03/08/2007

PDOP Reading: 2.0

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    | 7148      | 7162      | 01/30/2018     | B PLUG CEMENT TOP   | 6900       |
| NIOBRARA  | 6950      | 7048      | 01/30/2018     | B PLUG CEMENT TOP   | 6900       |

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              | 320           | 150          | 320        | 0          | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,240         | 50           | 7,240      | 6,395      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6900 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 170 sks cmt from 680 ft. to 415 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: ☐  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Perforate and squeeze at 2500 ft. with 155 sacks. Leave at least 100 ft. in casing 2412 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 200 sacks half in. half out surface casing from 415 ft. to 0 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: 613 ft. 4+1/2 inch casing Plugging Date: 01/30/2018  
of \_\_\_\_\_

\*Wireline Contractor: CASED HOLE SOLUTIONS \*Cementing Contractor: HALLIBURTON

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

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

|  |
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|  |
|--|

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: ANGELA FIORE  
Title: ENG TECHNICIAN Date: 5/1/2018 Email: ANGELA.FIORE@NBLENERGY.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: 8/6/2018

### CONDITIONS OF APPROVAL, IF ANY:

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

### **Attachment Check List**

**Att Doc Num**

**Name**

|           |                             |
|-----------|-----------------------------|
| 401585243 | FORM 6 SUBSEQUENT SUBMITTED |
| 401585266 | WELLBORE DIAGRAM            |
| 401585270 | CEMENT JOB SUMMARY          |
| 401585279 | WIRELINE JOB SUMMARY        |

Total Attach: 4 Files

### **General Comments**

**User Group**

**Comment**

**Comment Date**

|  |  |                     |
|--|--|---------------------|
|  |  | Stamp Upon Approval |
|--|--|---------------------|

Total: 0 comment(s)