

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



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| DE | ET | OE | ES |
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Document Number:

401410947

Date Received:

## 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) 371-7884

Address: 1625 BROADWAY STE 2200

Fax:

City: DENVER State: CO Zip: 80202

Email: erich.zwaagstra@nblenergy.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

API Number 05-123-20889-00

Well Name: WELLS

Well Number: 22-15

Location: QtrQtr: SENW Section: 15 Township: 5N Range: 63W 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: 40.401540

Longitude: -104.424810

GPS Data:

Date of Measurement: 07/27/2006

PDOP Reading: 4.8

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    | 6660      | 6670      | 08/24/2017     | B PLUG CEMENT TOP   | 6426       |
| NIOBRARA  | 6476      | 6560      | 08/24/2017     | B PLUG CEMENT TOP   | 6426       |
| J SAND    | 7114      | 7124      | 01/21/2003     | B PLUG CEMENT TOP   | 7050       |

Total: 3 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              | 418           | 310          | 418        | 0          | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 11.60           | 7,480         | 420          | 7,480      | 6,220      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6426 with 2 sacks cmt on top. CIPB #2: Depth \_\_\_\_\_ with \_\_\_\_\_ 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: <input 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"/> |
| 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 2500 ft. with 165 sacks. Leave at least 100 ft. in casing 2390 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 220 sacks half in. half out surface casing from 690 ft. to 10 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: 618 ft. of 4+1/2 inch casing

Plugging Date: 08/28/2017

\*Wireline Contractor: Casedhole Solutions

\*Cementing Contractor: Ranger

Type of Cement and Additives Used: Class G Neat 15.8#

Flowline/Pipeline has been abandoned per Rule 1103 ☒ Yes ☐ No

\*ATTACH JOB SUMMARY

Technical Detail/Comments:

USED JET CUTTER: CAR = 2390'-2264', CBR = 2501'-2391', CBS = 2501'-1991'

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

Signed: \_\_\_\_\_

Print Name: Diane Blair

Title: Engineering Technician

Date: \_\_\_\_\_

Email: diane.blair@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: \_\_\_\_\_

Date: \_\_\_\_\_

### CONDITIONS OF APPROVAL, IF ANY:

#### COA Type

#### Description

|  |  |
|--|--|
|  |  |
|--|--|

### Attachment Check List

**Att Doc Num**

**Name**

|           |                       |
|-----------|-----------------------|
| 401410964 | CEMENT JOB SUMMARY    |
| 401410965 | WELLBORE DIAGRAM      |
| 401410966 | WIRELINER JOB SUMMARY |

Total Attach: 3 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

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

Total: 0 comment(s)