

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:<br><br>401800213 |    |    |    |
| 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: Sonu Choudhary           |
| Name of Operator: NOBLE ENERGY INC  | Phone: (303) 228-4302                  |
| Address: 1001 NOBLE ENERGY WAY  | Fax:                                   |
| City: HOUSTON State: TX Zip: 77070  | Email: narayan.choudhary@nblenergy.com |
| For "Intent" 24 hour notice required, Name: Silver, Randy Tel: (720) 827-6688 |  |
| COGCC contact: Email: randy.silver@state.co.us                                |  |

|  |  |
|--|--|
| API Number 05-123-18507-00   | Well Number: 3-17                      |
| Well Name: HSR-LDS   |  |
| Location: QtrQtr: NENW Section: 17 Township: 3N Range: 64W 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: 40.230820   | Longitude: -104.577990        |
| GPS Data:   |                               |
| Date of Measurement: 02/07/2007   | PDOP Reading: 4.4             |
| GPS Instrument Operator's Name: Steve Fisher  |                               |
| Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems |                               |
| <input type="checkbox"/> Other  |                               |
| Casing to be pulled: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  | Estimated Depth: 1008         |
| Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | If yes, explain details below |
| Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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    | 6980      | 6994      |                |                     |            |
| NIOBRARA  | 6714      | 6770      |                |                     |            |
| SUSSEX    | 4368      | 4373      | 10/01/2008     | SQUEEZED            |            |

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              | 808           | 565          | 808        | 10         | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 11.60           | 7,119         | 150          | 7,119      | 5,820      | CBL    |
| S.C. 1.1    |              |                |                 | 4,934         | 400          | 4,934      | 3,716      |        |

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6664 with 20 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 50 sks cmt from 4450 ft. to 3850 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 165 sacks. Leave at least 100 ft. in casing 2400 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 340 sacks half in. half out surface casing from 1058 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: \_\_\_\_\_ ft. of \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_

\*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: 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: \_\_\_\_\_

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

**COA Type** **Description**

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### Attachment Check List

Att Doc Num

Name

|           |                  |
|-----------|------------------|
| 401800226 | WELLBORE DIAGRAM |
| 401800227 | WELLBORE DIAGRAM |

Total Attach: 2 Files

### General Comments

User Group

Comment

Comment Date

|  |  |                        |
|--|--|------------------------|
|  |  | Stamp Upon<br>Approval |
|--|--|------------------------|

Total: 0 comment(s)