

**FORM**  
**6**  
Rev  
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:<br>402047666 |    |    |    |
| 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: <u>100322</u>                                                                        | Contact Name: <u>Hilary Moore</u>        |
| Name of Operator: <u>NOBLE ENERGY INC</u>                                                                  | Phone: <u>(307) 250-4740</u>             |
| Address: <u>1001 NOBLE ENERGY WAY</u>                                                                      | Fax: _____                               |
| City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77070</u>                                                    | Email: <u>Hilary.Moore@nblenergy.com</u> |
| <b>For "Intent" 24 hour notice required,</b> Name: <u>Santistevan, Brittani</u> Tel: <u>(720) 471-1110</u> |                                          |
| <b>COGCC contact:</b> Email: <u>brittani.santistevan@state.co.us</u>                                       |                                          |

|                                                                                                           |                                                       |                           |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------|
| API Number <u>05-123-32823-00</u>                                                                         | Well Name: <u>BERNHARDT STATE PC N</u>                | Well Number: <u>36-17</u> |
| Location: QtrQtr: <u>SENE</u> Section: <u>36</u> Township: <u>5N</u> Range: <u>67W</u> Meridian: <u>6</u> |                                                       |                           |
| County: <u>WELD</u>                                                                                       | Federal, Indian or State Lease Number: <u>81/6923</u> |                           |
| Field Name: <u>WATTENBERG</u>                                                                             | Field Number: <u>90750</u>                            |                           |

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 40.359650 Longitude: -104.835470

GPS Data:  
Date of Measurement: 06/02/2011 PDOP Reading: 2.5 GPS Instrument Operator's Name: Paul Tappy

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:  Yes  No Estimated Depth: 731

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           | 7362      | 7381      |                |                     |            |
| NIOBRARA         | 7038      | 7180      |                |                     |            |
| 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              | 531           | 194          | 531        | 0          | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,531         | 645          | 7,531      | 1,470      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6986 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 40 sks cmt from 2500 ft. to 2000 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 \_\_\_\_\_ 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  
 Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
(Cast Iron Cement Retainer Depth)

Set 250 sacks half in. half out surface casing from 731 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: \_\_\_\_\_ 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: Stephanie Dionne  
 Title: Operations Tech Date: \_\_\_\_\_ Email: stephanie.dionne@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 |
|----------|-------------|
|          |             |

### Attachment Check List

| Att Doc Num | Name             |
|-------------|------------------|
| 402047682   | WELLBORE DIAGRAM |
| 402047683   | WELLBORE DIAGRAM |

Total Attach: 2 Files

**General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b> | <b><u>Comment Date</u></b> |
|--------------------------|-----------------------|----------------------------|
|                          |                       | Stamp Upon Approval        |

Total: 0 comment(s)