

Document Number:  
401475374

Date Received:  
12/04/2017

**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: Narayan (Sonu) Choudhary

Name of Operator: NOBLE ENERGY INC Phone: (720) 939-2574

Address: 1001 NOBLE ENERGY WAY Fax: \_\_\_\_\_

City: HOUSTON State: TX Zip: 77070 Email: narayan.choudhary@nblenergy.com

**For "Intent" 24 hour notice required,** Name: Peterson, Tom Tel: (303) 815-9641

**COGCC contact:** Email: tom.peterson@state.co.us

API Number 05-123-23613-00 Well Number: 26-23

Well Name: BEEBE DRAW G

Location: QtrQtr: NESE Section: 26 Township: 4N Range: 65W 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: 40.279970 Longitude: -104.625568

GPS Data:  
Date of Measurement: 04/20/2010 PDOP Reading: 2.4 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: 744

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    | 7056      | 7071      |                |                     |            |
| NIOBRARA  | 6778      | 6864      |                |                     |            |

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              | 544           | 320          | 544        | 0          | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 11.60           | 7,878         | 420          | 7,878      | 6,457      | CBL    |
|             |              |                | Stage Tool      | 4,754         | 320          | 4,754      | 3,990      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6728 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 55 sks cmt from 4600 ft. to 3900 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 255 sacks half in. half out surface casing from 794 ft. to 12 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 1103  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: 12/4/2017 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: JENKINS, STEVE Date: 1/11/2018

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

Expiration Date: 7/10/2018

| <b>COA Type</b> | <b>Description</b>   |
|-----------------|--|
|                 | 1) Provide 48 hour notice of plugging MIRU via electronic Form 42.<br>2) Prior to placing the 794' 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 494' or shallower and provide 10 sx plug at the surface. Leave at least 100' of cement in the casing for each plug.<br>4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment is complete. |
|                 | Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.  |
|                 | 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.<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 an confirmation of plugging requirements prior to placing any plugs.<br>Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. The Form 17 shall be submitted within 10 days of the test.  |

### Attachment Check List

| <b>Att Doc Num</b> | <b>Name</b>             |
|--------------------|-------------------------|
| 401475374          | FORM 6 INTENT SUBMITTED |
| 401475461          | WELLBORE DIAGRAM        |
| 401475462          | WELLBORE DIAGRAM        |

Total Attach: 3 Files

### General Comments

| <b>User Group</b> | <b>Comment</b>   | <b>Comment Date</b> |
|-------------------|--|---------------------|
| Engineer          | 1) Deepest Water Well within 1 mile = 220'.<br>2) Fox Hills Bottom- 410', per SB5. | 01/11/2018          |
| Engineer          | Moved the CIBP at 6778' and the 2 sacks of cement up to 6728', operator agreed.    | 12/29/2017          |
| Public Room       | Document verification complete 12/20/17  | 12/20/2017          |

Total: 3 comment(s)