

FORM  
6Rev  
12/05State 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:

400409672

Date Received:

04/26/2013

## 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: Leah Perkins

Name of Operator: NOBLE ENERGY INC

Phone: (970) 304-5222

Address: 1625 BROADWAY STE 2200

Fax: (970) 304-5099

City: DENVER State: CO Zip: 80202

Email: lperkins@nobleenergyinc.com

For "Intent" 24 hour notice required,

Name: JOHNSON, RANDELL

Tel: (970) 520-2531

COGCC contact:

Email: randell.johnson@state.co.us

API Number 05-123-17165-00

Well Name: DOM RED X

Well Number: 20-3

Location: QtrQtr: NENW Section: 20 Township: 2N 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: 40.129740

Longitude: -104.690290

GPS Data:

Date of Measurement: 07/06/2007

PDOP Reading: 2.6

GPS Instrument Operator's Name: Paul Tappy

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☒ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 5000

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks:

☒ Yes☐ No

If yes, explain details below

Details: Hole in casing identified; uneconomic to repair casing. Bridge plug currently set over the Codell and Niobrara and below the hole in casing. The hole in casing is located between 3,894' and 3,925'.

## Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7288	7305	08/10/2010	BRIDGE PLUG	6927
NIOBRARA	7054	7162	08/10/2010	BRIDGE PLUG	6927

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	854	590	854	0	VISU
1ST	7+7/8	2+7/8	6.4	7,461	217	7,461	6,575	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6927 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 100 sks cmt from 5000 ft. to 4800 ft. Plug Type: STUB PLUG Plug Tagged: ☐  
Set 50 sks cmt from 2500 ft. to 2400 ft. Plug Type: OPEN HOLE 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 350 sacks half in. half out surface casing from 950 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. of \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_

\*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:

Niobrara was perforated from 7054' to 7162' but was not completed; frac was aborted.

Retrievable bridge plug already set at 6927'.

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

Signed: \_\_\_\_\_ Print Name: Julie Ottoson

Title: Base Production Tech Date: 4/26/2013 Email: jottoson@nobleenergyinc.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: HOLLINSHEAD, RYAN Date: 5/1/2013

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 10/31/2013

- 1)Provide 24-hour notice of MIRU to Randell Johnson at (970) 520-2531.
- 2)Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.
- 3)For the 2500' plug: pump plug and displace, shut in, WOC 4 hours and tag plug to confirm Sussex isolation.
- 4)If unable to pull casing, contact COGCC for plugging modifications.
- 5)Properly abandon flowlines as per Rule 1103.
- 6)Operator must tag plugs upon verbal request by the COGCC engineer or COGCC field inspector.
- 7)Prior to or in conjunction with the submittal of the Form 6 Subsequent Report of Abandonment, please submit a Form 5A to document both the RBP set at 6927' (include appropriate job summaries) and the Niobrara perforation performed.

### **Attachment Check List**

Att Doc Num	Name
400409672	FORM 6 INTENT SUBMITTED
400409724	WELLBORE DIAGRAM
400409728	PROPOSED PLUGGING PROCEDURE
400409877	WELLBORE DIAGRAM

Total Attach: 4 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Entered Date Abandoned, Method of Isolation and Plug Depth.	4/29/2013 2:09:00 PM
Permit	Added Niobrara to the Zones tab. Requested Date Abandoned, Method of Isolation and Plug Depth. Entered 24 hour notice phone number.	4/29/2013 10:11:29 AM

Total: 2 comment(s)