

Document Number:  
400632545

Date Received:  
06/24/2014

**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: Jonathan Pomerantz

Name of Operator: NOBLE ENERGY INC Phone: (970) 397-7617

Address: 1625 BROADWAY STE 2200 Fax: \_\_\_\_\_

City: DENVER State: CO Zip: 80202 Email: jpomerantz@nobleenergyinc.com

**For "Intent" 24 hour notice required,** Name: Rickard, Jeffrey Tel: (303) 8942100

**COGCC contact:** Email: jeffrey.rickard@state.co.us

API Number 05-123-15211-00

Well Name: LATHAM Well Number: 2-44

Location: QtrQtr: SESE Section: 2 Township: 4N Range: 65W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 67721

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: 40.336471 Longitude: -104.623757

GPS Data:  
Date of Measurement: 06/12/2006 PDOP Reading: 5.3 GPS Instrument Operator's Name: David Gipson

Reason for Abandonment:  Dry     Production for Sub-economic     Mechanical Problems

Other \_\_\_\_\_

Casing to be pulled:  Yes     No    Estimated Depth: 4500

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	7024	7038			
NIOBRARA	6732	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	417	200	417	0	VISU
1ST	7+7/8	4+1/2	12.6	7,167	200	7,167	6,250	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6682 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 125 sks cmt from 4550 ft. to 4350 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 200 sacks half in. half out surface casing from 520 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:

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: Base Production Tech Date: 6/24/2014 Email: sdionne@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: JENKINS, STEVE Date: 7/1/2014

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

Expiration Date: 12/31/2014

<u>COA Type</u>	<u>Description</u>
	<p>Note changes to plugging procedure:</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) For 4550' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 4350' or shallower, if circulation is maintained, then no need to tag plug.</p> <p>3) For 520' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 367' or shallower, shoe plug should circulate to surface. Leave at least 100' cement in the casing for each plug.</p> <p>4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p>

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
400632545	FORM 6 INTENT SUBMITTED
400632548	WELLBORE DIAGRAM
400632550	PROPOSED PLUGGING PROCEDURE
400632551	WELLBORE DIAGRAM

Total Attach: 4 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion report dated 12/26/1991.	6/30/2014 8:54:40 AM

Total: 1 comment(s)