

Document Number:  
401000241

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03/04/2016

**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: (303) 228-4198

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

City: DENVER State: CO Zip: 80202 Email: Jonathan.Pomerantz@nblenergy.com

**For "Intent" 24 hour notice required,** Name: Gomez, Jason Tel: (970) 573-1277

**COGCC contact:** Email: jason.gomez@state.co.us

API Number 05-123-16705-00

Well Name: ROTHE STATE Well Number: B 36-8

Location: QtrQtr: SENE Section: 36 Township: 5N Range: 64W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 59906

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: 40.357790 Longitude: -104.490590

GPS Data:  
Date of Measurement: 11/15/2006 PDOP Reading: 4.9 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: 420

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	6624	6637			

Total: 1 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	313	410	313	0	VISU
1ST	8+5/8	2+7/8	6.5	6,810	275	6,810	5,780	CBL
S.C. 1.1				5,251	50	5,251	5,170	CBL
S.C. 1.2				2,500	285	2,500	1,672	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6574 with \_\_\_\_\_ 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 10 sks cmt from 6574 ft. to 6200 ft. Plug Type: CASING Plug Tagged:   
 Set 7 sks cmt from 2500 ft. to 2300 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:   
 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 140 sacks half in. half out surface casing from 420 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:

A Form 5 is being submitted for the Annular fill done in 11/2010.

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

Signed: \_\_\_\_\_ Print Name: Marilyn Tucker  
 Title: Eng Tech Date: 3/4/2016 Email: marilyn.tucker@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: 3/17/2016

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 9/16/2016

COA Type	Description
	Note changes to plugging procedure: 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For the 420' plug: pump plug and displace. If surface casing plug is not circulated to surface then tag plug – must be at 213' or shallower and provide 10 sx plug at the surface. Leave at least 100' of cement in the casing for each plug. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401000241	FORM 6 INTENT SUBMITTED
401000350	PROPOSED PLUGGING PROCEDURE
401000352	WELLBORE DIAGRAM
401000354	WELLBORE DIAGRAM

Total Attach: 4 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Public Room	Document verification complete 03/07/16	3/7/2016 3:15:43 PM

Total: 1 comment(s)