

Document Number:  
401033311

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04/21/2016

**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: BRIAN ULMER

Name of Operator: NOBLE ENERGY INC Phone: (970) 304-5290

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

City: DENVER State: CO Zip: 80202 Email: BRIAN.ULMER@NBLENERGY.COM

**For "Intent" 24 hour notice required,** Name: Pesicka, Conor Tel: (970) 415-0789

**COGCC contact:** Email: conor.pesicka@state.co.us

API Number 05-123-20815-00

Well Name: NAT'L HOG FARMS Well Number: 21-21

Location: QtrQtr: NENW Section: 21 Township: 5N Range: 63W 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: 40.390330 Longitude: -104.444000

GPS Data:  
Date of Measurement: 10/18/2006 PDOP Reading: 2.0 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: 2500

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	6590	6600			
J SAND	7026	7084			
NIOBRARA	6332	6500			
DAKOTA	7302	7346	08/02/2002	B PLUG CEMENT TOP	7250

Total: 4 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	401	285	401	0	VISU
1ST	7+7/8	4+1/2	11.6	7,402	430	7,402	3,110	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6976 with 2 sacks cmt on top. CIPB #2: Depth 6282 with 2 sacks cmt on top.

CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIPB #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 2500 ft. to 2300 ft.

Plug Type: STUB PLUG

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 200 sacks half in. half out surface casing from 550 ft. to 0 ft. Plug Tagged:

Set 10 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: ANGELA FIORE

Title: ENGINEERING TECHNICIAN

Date: 4/21/2016

Email: ANGELA.FIORE@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: 5/2/2016

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

Expiration Date: 11/1/2016

<u>COA Type</u>	<u>Description</u>
	Note changes to plugging procedure: 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For the 550' plug: pump plug and displace. If surface casing plug is not circulated to surface then tag plug – must be at 351' 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>
401033311	FORM 6 INTENT SUBMITTED
401033329	WELLBORE DIAGRAM
401033335	PROPOSED PLUGGING PROCEDURE
401033336	WELLBORE DIAGRAM

Total Attach: 4 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Public Room	Document verification complete 04/22/16	4/22/2016 8:52:49 AM

Total: 1 comment(s)