

FORM  
6

Rev  
12/05

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Date Received:

07/23/2010

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2510807

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: JENNIFER BARNETT  
 Name of Operator: NOBLE ENERGY INC Phone: (303) 2284342  
 Address: 1625 BROADWAY STE 2200 Fax: (303) 2284286  
 City: DENVER State: CO Zip: 80202  
 24 hour notice required, contact: Name: \_\_\_\_\_ Tel: \_\_\_\_\_

API Number 05-125-07691-00  
 Well Name: WAKEFIELD Well Number: 23-31  
 Location: QtrQtr: NESW Section: 31 Township: 1N Range: 45W Meridian: 6  
 County: YUMA Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: REPUBLICAN Field Number: 86500

Notice of Intent to Abandon  Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.008730 Longitude: -102.446650  
 GPS Data:  
 Date of Measurement: 07/17/2008 PDOP Reading: 3.3 GPS Instrument Operator's Name: SCOTT DEMANCHE  
 Reason for Abandonment:  Dry  Production for Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Top of Casing Cement: \_\_\_\_\_  
 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	Code	Perf. Top	Perf. Bottom	Date	Method of Isolation	Plug Depth
NIOBRARA	NBRR	2333	2343	05/27/2010	CEMENT	1829

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Top	Cement Bot	Status
SURF	9+7/8	7	17	377	165	0	377	
1ST	6+1/4	4+1/2	10.5	2,542	155	0	2,550	

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIPB #2: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 40 sks cmt from 2343 ft. to 1829 ft. in Plug Type: CASING Plug Tagged: \_\_\_\_\_

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in Plug Type: \_\_\_\_\_ Plug Tagged: \_\_\_\_\_

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in Plug Type: \_\_\_\_\_ Plug Tagged: \_\_\_\_\_

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in Plug Type: \_\_\_\_\_ Plug Tagged: \_\_\_\_\_

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in 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 20 sacks half in. half out surface casing from 472 ft. to 215 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: 05/27/2010

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: SANJEL

Type of Cement and Additives Used: CLASS G - 0.7% CFR - 2, 0.7% CFL - 3, 1.0% CACL2

Flowline/Pipeline has been abandoned per Rule 1103 Yes No

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

Signed: \_\_\_\_\_ Print Name: JENNIFER BARNETT

Title: REGULATORY ANALYST Date: 7/22/2010 Email: JBARNETT@NOBELENERGYINC.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: David S. Nashin Director of COGCC Date: 12/3/2010

**CONDITIONS OF APPROVAL, IF ANY:**

### Attachment Check List

Att Doc Num	Name
2510807	FORM 6 SUBSEQUENT SUBMITTED
2510808	CEMENT JOB SUMMARY

Total Attach: 2 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>

Total: 0 comment(s)