

**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:  
08/09/2011

Document Number:  
400193560

**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: Linda Pavelka  
 Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4064  
 Address: 1625 BROADWAY STE 2200 Fax: (303) 228-4281  
 City: DENVER State: CO Zip: 80202 Email: lpavelka@nobleenergyinc.com

**For "Intent" 24 hour notice required,** Name: BROWN, BO Tel: (970) 397-4124  
**COGCC contact:** Email: bo.brown@state.co.us

API Number 05-123-13727-00 Well Number: A 34-7  
 Well Name: PETRIKIN  
 Location: QtrQtr: SWNE Section: 34 Township: 6N Range: 64W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 68615  
 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: 40.444650 Longitude: -104.533940  
 GPS Data:  
 Date of Measurement: 02/26/2007 PDOP Reading: 1.6 GPS Instrument Operator's Name: Paul Tappy  
 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: Casing leaks & uneconomic production

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	6833	6847			
NIOBRARA	6544	6742			

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	250	285	250	0	VISU
1ST	7+7/8	4+1/2	15.1	6,977	220	6,977	5,810	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6444 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 40 sks cmt from 5550 ft. to 5450 ft. Plug Type: STUB PLUG Plug Tagged:   
Set 270 sks cmt from 820 ft. to 200 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:   
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 \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Tagged:   
Set 20 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: Adam Strunk  
Title: Production Engineer Date: 8/9/2011 Email: astrunk@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: 8/11/2011

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

Expiration Date: 2/10/2012

- 1) Provide 24 hour notice of MIRU to Bo Brown via email at bo.brown@state.co.us.
- 2) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.
- 3) Based on adjacent water wells and previous wellbore diagrams, cement coverage is required from 820' to 50' within the surface casing. This balanced stub plug shall replace the proposed plug half in and half out of the surface casing. This plug shall also be tagged.
- 4) Cement plug across casing stub from 5550' to 5450' assumes that the casing is cut off at 5400'. Adjust depths for this plug, as necessary, depending on the actual depth of the casing stub.
- 5) For both stub plugs: pump plug and displace, shut in, WOC 4 hours and tag plug.
- 6) For surface shoe plug if not circulated to surface tag plug and it must be at least 200' or higher.
- 7) If unable to pull casing contact COGCC for plugging modifications.
- 8) Cement volumes provided by the COGCC in the Plugging Procedures shall be considered approximate and are for informational purposes only. Actual plugs shall be set to cover the full extent of the depths identified and cement volumes shall be adjusted accordingly to provide this required coverage.
- 9) See plugging changes above.

### **Attachment Check List**

Att Doc Num	Name
400193560	FORM 6 INTENT SUBMITTED
400193561	WELLBORE DIAGRAM
400193562	PROPOSED PLUGGING PROCEDURE

Total Attach: 3 Files

### **General Comments**

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

Total: 0 comment(s)