

**FORM**  
**6**  
Rev  
12/05

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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**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: <u>100322</u>	Contact Name: <u>Jonathan Pomerantz</u>
Name of Operator: <u>NOBLE ENERGY INC</u>	Phone: <u>(970) 304-5222</u>
Address: <u>1625 BROADWAY STE 2200</u>	Fax: <u>(970) 304-5099</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>JPomerantz@nobleenergyinc.com</u>
<b>For "Intent" 24 hour notice required,</b>	Name: <u>Rickard, Jeffrey</u> Tel: <u>(303) 8942100</u>
<b>COGCC contact:</b>	Email: <u>jeffrey.rickard@state.co.us</u>

API Number: <u>05-123-12495-00</u>	Well Number: <u>11-20</u>
Well Name: <u>HIGHLAND</u>	
Location: QtrQtr: <u>NESW</u> Section: <u>20</u> Township: <u>4N</u> Range: <u>64W</u> Meridian: <u>6</u>	
County: <u>WELD</u>	Federal, Indian or State Lease Number: <u>67105</u>
Field Name: <u>WATTENBERG</u>	Field Number: <u>90750</u>

Notice of Intent to Abandon       Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.296261      Longitude: -104.577481

GPS Data:  
Date of Measurement: 09/30/2008      PDOP Reading: 4.2      GPS Instrument Operator's Name: Cody Mattson

Reason for Abandonment:     Dry       Production for Sub-economic       Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:     Yes       No      Estimated Depth: 4600

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	6968	6979			
FORT HAYS	6944	6961			
NIOBRARA	6706	6785			

Total: 3 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	410	260	410	0	VISU
1ST	7+7/8	4+1/2	11.6	7,070	230	7,070	6,210	

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6656 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 4600 ft. to 4400 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 225 sacks half in. half out surface casing from 570 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: Marilyn Tucker  
 Title: Engineering Tech Date: \_\_\_\_\_ Email: MTucker@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: \_\_\_\_\_ Date: \_\_\_\_\_

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

### Attachment Check List

Att Doc Num	Name
400632186	WELLBORE DIAGRAM
400632187	PROPOSED PLUGGING PROCEDURE
400632189	WELLBORE DIAGRAM

Total Attach: 3 Files

## General Comments

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

Total: 0 comment(s)