

FORM  
6Rev  
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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Document Number:

400335810

Date Received:

10/11/2012

## 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: Leah Perkins

Name of Operator: NOBLE ENERGY INC

Phone: (970) 286-5925

Address: 1625 BROADWAY STE 2200

Fax: (970) 304-5099

City: DENVER State: CO Zip: 80202

Email: LPerkins@nobleenergyinc.com

**For "Intent" 24 hour notice required,**

Name: SCHURE, KYM

Tel: (970) 520-3832

**COGCC contact:**

Email: kym.schure@state.co.us

API Number 05-123-13948-00

Well Name: LILLI UNIT

Well Number: 7-3

Location: QtrQtr: SWNE Section: 3 Township: 8N Range: 58W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: LILLI

Field Number: 49970

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

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

Latitude: 40.692890

Longitude: -103.843970

GPS Data:

Date of Measurement: 03/16/2006

PDOP Reading: 6.0

GPS Instrument Operator's Name: ALLISON HAINES

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☒ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☒ No

Estimated Depth:

Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore has Uncemented Casing leaks: ☒ Yes ☐ No If yes, explain details below

Details: Potential hole in casing. Casing will be perforated and squeezed with enough cement to ensure wellbore isolation.

## Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
D SAND	6292	6304			

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	24.0	188	120	188	0	VISU
1ST	7+7/8	4+1/2	10.5	6,430	210	6,430	5,470	CBL
S.C. 1.1				1,849	1	1,849	40	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6192 with 2 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 105 sks cmt from 88 ft. to 288 ft. Plug Type: CASING Plug Tagged: ☒

Set 20 sks cmt from 5600 ft. to 5500 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 2500 ft. with 100 sacks. Leave at least 100 ft. in casing 2499 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 0 ft. to 88 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: Julie Ottoson

Title: Base Prod Operations Tech Date: 10/11/2012 Email: JOttoson@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: SUTPHIN, DIRK Date: 10/25/2012

### CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 4/24/2013

- 1) Provide 24 hour notice of MIRU to Kym Schure at 970-520-3832 or e-mail at Kym.Schure@state.co.us.
- 2) Run CBL to determine cemented interval on cement squeeze indicated at 1849'-40'. Adjust procedures as needed on shoe plug and surface plug depending on CBL to result in cement plug inside and outside 4 1/2" casing from 50' below 8 5/8" shoe to 50' above shoe and from 50' to surface.

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
400335810	FORM 6 INTENT SUBMITTED
400335840	WELLBORE DIAGRAM
400335841	PROPOSED PLUGGING PROCEDURE
400335843	WELLBORE DIAGRAM

Total Attach: 4 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Engineer	Cement squeeze for casing leak @1817'-1849' on 10/13/97 noted on attached well schematic and workover procedure. Added this info to Casing History. EForm required depth (40'-1849') and sx (1). Added Niobrara plug 20 sx in casing at 5500'-5600'.	10/25/2012 2:01:10 PM
Permit	Old style form 5 doc #252874.	10/15/2012 6:11:28 AM

Total: 2 comment(s)