

Document Number:  
 401089446  
 Date Received:  
 08/04/2016

**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: BEN ZAPP  
 Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4272  
 Address: 1625 BROADWAY STE 2200 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: BEN.ZAPP@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 05-123-14012-00 Well Number: 10-1  
 Well Name: LILLI UNIT  
 Location: QtrQtr: NWSE Section: 1 Township: 8N Range: 59W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: C-28083  
 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: 40.687930 Longitude: -103.920910  
 GPS Data:  
 Date of Measurement: 03/16/2006 PDOP Reading: 6.0 GPS Instrument Operator's Name: ALLISON HAINES  
 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
D SAND	6530	6550			

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	263	170	263	0	VISU
1ST	7+7/8	4+1/2	10.5	6,642	190	6,642	5,665	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6480 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 10 sks cmt from 5780 ft. to 5680 ft. Plug Type: CASING Plug Tagged:   
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:

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 265 sacks half in. half out surface casing from 440 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: ANGELA FIORE

Title: ENG TECHNICIAN Date: 8/4/2016 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: BURN, DIANA Date: 8/27/2016

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

Expiration Date: 2/26/2017

<b>COA Type</b>	<b>Description</b>
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) If surface casing plug not circulated to surface then tag plug – must be 170' or shallower and provide 10 sx plug at the surface. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.
	Prior to initiation of plugging operations, a Bradenhead test shall be performed. If any pressure remains at the conclusion of the test or any liquids were present call COGCC Engineer for sampling requirements. Form 17 shall be submitted within 10 days.

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
401089446	FORM 6 INTENT SUBMITTED
401089457	PROPOSED PLUGGING PROCEDURE
401089458	WELLBORE DIAGRAM
401089460	WELLBORE DIAGRAM

Total Attach: 4 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Permit	Requested documentation from Operator (if available) for stim/re-perf operations in 1997 & 1999. Documentation for informational purposes only.	8/25/2016 4:16:42 PM
Public Room	Document verification complete 09/21/15	3/4/2016 3:56:59 PM

Total: 2 comment(s)