

Document Number:  
400796265

Date Received:  
03/26/2015

**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: Hunter Dunham

Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4308

Address: 1625 BROADWAY STE 2200 Fax: (303) 228-4286

City: DENVER State: CO Zip: 80202 Email: hdunham@nobleenergyinc.com

**For "Intent" 24 hour notice required,** Name: Gomez, Jason Tel: (970) 573-1277

**COGCC contact:** Email: jason.gomez@state.co.us

API Number 05-123-05679-00 Well Number: 1

Well Name: Bradbury

Location: QtrQtr: NENW Section: 15 Township: 9N Range: 58W Meridian: 6

County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: WILDCAT Field Number: 99999

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 40.757625 Longitude: -103.851476

GPS Data:  
Date of Measurement: 01/20/2014 PDOP Reading: 2.8 GPS Instrument Operator's Name: Adam Kelly

Reason for Abandonment:  Dry     Production for Sub-economic     Mechanical Problems

Other \_\_\_\_\_

Casing to be pulled:  Yes     No    Estimated Depth: \_\_\_\_\_

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
LYONS	7436		02/22/2014	CEMENT	1528

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	13+1/2	10+3/4	32.75	300	300	300	0	VISU
1ST LINER	6+7/8	5+1/2		211	67	211	0	
OPEN HOLE	4+3/4			1,528				

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 252 sks cmt from 1528 ft. to 0 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:   
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 \_\_\_\_\_ 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: 02/22/2014  
\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: BISON OIL WELL CEMENTING  
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: Eileen Roberts  
Title: Regulatory Analyst I Date: 3/26/2015 Email: eroberts@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: 5/19/2015

### CONDITIONS OF APPROVAL, IF ANY:

#### COA Type

#### Description

<u>COA Type</u>	<u>Description</u>

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400796265	FORM 6 SUBSEQUENT SUBMITTED
400796315	CEMENT JOB SUMMARY
400815645	WELLBORE DIAGRAM
400841462	CEMENT JOB SUMMARY
400841463	CEMENT JOB SUMMARY
400841466	CEMENT JOB SUMMARY
400841469	CEMENT JOB SUMMARY
400841471	OPERATIONS SUMMARY

Total Attach: 8 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Operator (L.Pavelka) replied: "2-3-2014 we have a surface casing squeeze w/ 55 sks, 2-8-14 pumped 90 sks to the surface casing, 2-11-2014 set our 5 1/2" with 67 sks, 2-22-2014 pumped 252 sks to surface. " and provided cement tickets and operations reports verifying the 5-1/2" liner and cement 2/11/14 and the 252 sx plug from 1528 to surf 2/14/14, plus the tickets for 55 sx 2/3/14 and 90 sx cement on 2/8/14.	5/19/2015 9:09:19 AM
Permit	Coorected as-built coordinates per the operator.	5/14/2015 11:19:19 AM
Engineer	Requested more info: rig summaries for the plugging operations and cement verification for the 5.5" liner.	4/23/2015 11:54:21 AM
Engineer	Operator H.Dunham) sent explanation. "multiple failures when trying to get a test against the 10-3/4" surface casing led to installing a 5-1/2" inner casing string from surface to 211'. They then pumped 67sxs cmt to set the inner casing inside the surface casing. From there, it was a 4-3/4" drill bit to 1528' where 252sxs cmt is more than enough to fill the hole to surface."	4/23/2015 11:37:41 AM
Engineer	Is it true that 252 sx cement was the only plug and it filled the borehole from 1528 to surface? The cement volume 51.6 bbls on the Bison cement report doesn't seem enough. The proposed work plan said they would reenter with a 6-7/8" bit and the top 300' is in 10-3/4" casing. I get 87 bbls.  Attachments #400796303 WBD and #400715643 Proposed Plugging Procedure are not needed, same for the text in the Submit tab technical comments. Deleted these items.	4/22/2015 1:41:44 PM
Permit	GPS Coordinates are incorrect.	4/17/2015 12:34:02 PM
Permit	Operator will submit a form 4 when final reclamation work commences	4/14/2015 4:03:55 PM

Total: 7 comment(s)