

Document Number:
401033672

Date Received:
04/21/2016

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: Narayan Choudhary

Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4302

Address: 1625 BROADWAY STE 2200 Fax: _____

City: DENVER State: CO Zip: 80202 Email: Narayan.Choudhary@nblenergy.com

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

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

API Number 05-123-26411-00

Well Name: BARTHOL A Well Number: 34-5X

Location: QtrQtr: SWNW Section: 34 Township: 6N Range: 64W Meridian: 6

County: WELD Federal, Indian or State Lease Number: _____

Field Name: KERSEY Field Number: 44600

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.444477 Longitude: -104.543413

GPS Data:
Date of Measurement: 12/15/2007 PDOP Reading: 2.3 GPS Instrument Operator's Name: PAUL TAPPY

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

Casing to be pulled: Yes No Estimated Depth: 1838

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	6861	6876			
NIOBRARA	6555	6693			

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	780	326	780	0	VISU
1ST	7+7/8	4+1/2	11.6	7,020	890	7,020	1,838	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6505 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 100 sks cmt from 1838 ft. to 1638 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:
 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 272 sacks half in. half out surface casing from 880 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: Eng Tech Date: 4/21/2016 Email: marilyn.tucker@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: HICKEY, MIKE Date: 5/5/2016

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 11/4/2016

COA Type	Description
	Form 7 reporting is missing for the months Oct./Dec. of 2007 & Jan./Feb. of 2008. These reports are required within 30 days to comply with Rule 309.
	1)Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 2)For 880' plug: pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours and tag plug – must be 730' or shallower and provide minimum 10 sx plug at the surface. Leave at least 100' of cement in the wellbore for each plug. 3)Properly abandon flowlines. Once flowlines are properly abandoned, file electronic form 42.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401033672	FORM 6 INTENT SUBMITTED
401033681	WELLBORE DIAGRAM
401033686	PROPOSED PLUGGING PROCEDURE
401033687	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Passes permitting. The Wellbore Diagram-P&A and Proposed Plugging Procedure were amended to reflect the actual values for the permitted location. The Date Casing Set is different on the Wellbore Schematic Input Report than the original Form 5#2035211.	5/3/2016 6:54:18 AM
Public Room	Document verification complete 04/22/16	4/22/2016 9:23:27 AM

Total: 2 comment(s)