

Document Number:
401021012

Date Received:
04/04/2016

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: GARRETT REDDIN

Name of Operator: NOBLE ENERGY INC Phone: (970) 304-5409

Address: 1625 BROADWAY STE 2200 Fax: _____

City: DENVER State: CO Zip: 80202 Email: GARRETT.REDDIN@NBLENERGY.COM

For "Intent" 24 hour notice required, Name: Peterson, Tom Tel: (303) 815-9641

COGCC contact: Email: tom.peterson@state.co.us

API Number 05-123-17625-00

Well Name: BACKUS Well Number: 4-16

Location: QtrQtr: SESE Section: 4 Township: 4N Range: 65W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 63781

Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.336230 Longitude: -104.660730

GPS Data:
Date of Measurement: 07/25/2006 PDOP Reading: 2.6 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: _____

Fish in Hole: Yes No If yes, explain details below

Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below

Details: 3 JOINTS OF TUBING COULD BE IN THE HOLE (6557') AS OF 3/12/2013

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7104	7118			
NIOBRARA	6786	6918			

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	23	518	500	518	0	VISU
1ST	7+7/8	3+1/2	7.7	7,335	206	7,335	6,356	CBL
S.C. 1.1				4,584	200	4,584	4,072	CBL
S.C. 1.2				4,062	55	4,062	3,860	CBL
S.C. 2.1				3,056	100	3,056	2,000	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6552 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 25 sks cmt from 4500 ft. to 3940 ft. Plug Type: CASING Plug Tagged:
 Set 10 sks cmt from 2500 ft. to 2275 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 _____ 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 235 sacks half in. half out surface casing from 618 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:

HALLIBURTON ENGINEER: TANNER BOYD 432-803-6064
 PERFORATE @ 618', PUMP 205 SX OUT AND 30 SX IN. BRING CMT TO SURFACE

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: ENGINEERING TECHNICIAN Date: 4/4/2016 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: JENKINS, STEVE Date: 4/22/2016

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 10/21/2016

<u>COA Type</u>	<u>Description</u>
	Note changes to plugging procedure: 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For the 618' plug: pump plug and displace. If surface casing plug is not circulated to surface then tag plug – must be at 468' or shallower and provide 10 sx plug at the surface. Leave at least 100' of cement in the casing for each plug. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401021012	FORM 6 INTENT SUBMITTED
401021083	WELLBORE DIAGRAM
401021084	PROPOSED PLUGGING PROCEDURE
401021086	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Passes permitting.	4/12/2016 7:50:03 AM
Public Room	Document verification complete 04/07/16	4/7/2016 8:52:21 AM
Permit	Waiting on clarification from the Operator. Ready to pass permitting upon receipt of explanation on errors.	4/6/2016 7:31:42 AM

Total: 3 comment(s)