

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.

Document Number:
401492419

Date Received:
07/11/2019

OGCC Operator Number: 100322 Contact Name: Joe Brnak

Name of Operator: NOBLE ENERGY INC Phone: (970) 381-1234

Address: 1001 NOBLE ENERGY WAY Fax: _____

City: HOUSTON State: TX Zip: 77070 Email: Joe.Brnak@nblenergy.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____

COGCC contact: Email: _____

API Number 05-123-05188-00

Well Name: BROWN & MANNING Well Number: 1

Location: QtrQtr: NENW Section: 17 Township: 5N Range: 62W 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: 40.404506 Longitude: -104.349228

GPS Data:
Date of Measurement: 07/14/1995 PDOP Reading: _____ GPS Instrument Operator's Name: _____

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: _____

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth

Total: 0 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	10+3/4	32.75	280	40	280	5	VISU
1ST LINER		5+1/2	15.5	271	122	271	5	VISU
OPEN HOLE	7+7/8			7,106				

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 100 sks cmt from 7100 ft. to 6850 ft. Plug Type: CASING Plug Tagged:
 Set 100 sks cmt from 5043 ft. to 4782 ft. Plug Type: CASING Plug Tagged:
 Set 100 sks cmt from 3019 ft. to 2769 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:

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 318 sacks half in. half out surface casing from 526 ft. to 76 ft. Plug Tagged:
 Set 10 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. _____ inch casing Cut and Cap Date: 10/17/2017
 *Wireline Contractor: _____ *Cementing Contractor: LEED / Halliburton
 Type of Cement and Additives Used: Class G Neat 15.8#
 Flowline/Pipeline has been abandoned per Rule 1105 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: Diane Blair
 Title: Engineering Technician Date: 7/11/2019 Email: diane.blair@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: McFarland, Nick Date: 1/21/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1802202	OPERATIONS SUMMARY
1802203	WELLBORE DIAGRAM
1802204	CEMENT JOB SUMMARY
401492419	FORM 6 SUBSEQUENT SUBMITTED
401492430	CEMENT JOB SUMMARY

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>42 filed for flowline abandonment. 48 hour ops notice given. Corrected casing history to include liner run during PA, and open hole section.</p> <p>Emailed operator regarding items below.</p> <p>*Is there an ops summary or additional cement tickets available? LEED cement tickets indicate two plugs were pumped across the shoe, neither which match those on WBD.</p> <p>Please provide documentation of the 122 sx used to cement the 5-1/2" liner to surface.</p> <p>Received ops summary and cement tickets.</p>	01/08/2020
Engineer	<p>jenkinss10/04/201731900123-0518810/04/2017Edit Erich called and emailed with the following: Just a quick follow up on phone conversation 10/4/2017. We were not successful at getting a good pressure test of the surface casing and had to run a 5 ½ liner. We will now be using a 4 ¾ bit to reenter with.</p>	01/08/2020
Engineer	<p>Cement tickets don't match what is listed on the subsequent. Could use ops summary and any missing cement tickets to figure out what happened in this plugging.</p>	11/20/2018
Agency	<p>Waiting for the operator to:</p> <p>(1) Resubmit the proposed plugging procedure. The document on file looks incomplete (doc# 401296409).</p> <p>(2) Update wellbore diagram from 0-530' (there is a discrepancy in the cement legend of the old and new cement).</p> <p>(3) Daily job summary. The number of cements sacks used from 0-530' do not correlate with the form 6(s), Cement ticket, and the wellbore diagram.</p>	08/17/2018

Total: 4 comment(s)