

FORM  
6Rev  
05/18

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

401748571

Date Received:

08/29/2018

## 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: 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 05-123-26610-00

Well Name: ROTH A

Well Number: 13-16

Location: QtrQtr: SESE Section: 13 Township: 6N Range: 64W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

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: 40.481355 Longitude: -104.491076

GPS Data:

Date of Measurement: 01/15/2009 PDOP Reading: 2.3 GPS Instrument Operator's Name: BRIAN DEROSE

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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	6792	6804	07/18/2018	B PLUG CEMENT TOP	6455
NIOBRARA	6505	6630	07/18/2018	B PLUG CEMENT TOP	6455

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	528	260	528	0	VISU
1ST	7+7/8	4+1/2	11.6	6,925	810	6,925	2,236	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6455 with 20 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 20 sks cmt from 6455 ft. to 6105 ft. Plug Type: CASING Plug Tagged: ☐  
Set 40 sks cmt from 2507 ft. to 1978 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 269 sacks half in. half out surface casing from 778 ft. to 13 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: 730 ft. 4+1/2 inch casing Plugging Date: 11/05/2018  
of

\*Wireline Contractor: Casedhole Solutions

\*Cementing Contractor: BJ Services

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:

CUT AND CAP 11/5/18

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Jan Barthel

Title: Engineering Technician Date: 8/29/2018 Email: jan.barthel@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: Strathman, Elliot Date: 3/30/2019

### CONDITIONS OF APPROVAL, IF ANY:

**COA Type** **Description**

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### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401748571	FORM 6 SUBSEQUENT SUBMITTED
401748591	CEMENT JOB SUMMARY
401748594	WELLBORE DIAGRAM
401748595	WIRELINE JOB SUMMARY
401748596	GYRO SURVEY

Total Attach: 5 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Agency	HAVE CUT AND CAP 11/5/18 HAVE 44 401631521 & 401834189 (1) DAY BETWEEN PLUGS FOR WAIT FOR PRESSURE PER CEMENT TICKET	03/30/2019
Agency	emailed stephanie.dionne@nblenergy.com Please forward actual cut and cap date. Please submit form 42 flowline abandonment. Please forward 3rd party ticket or opp summary verifying 6S COA: 2) Prior to placing the 778' plug: verify that all fluid migration (liquid or gas) has been eliminated.	01/09/2019

Total: 2 comment(s)