

FORM
6
Rev
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
 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
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

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)