

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
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Date Received: 05/16/2017			

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: Erich Zwaagstra
 Name of Operator: NOBLE ENERGY INC Phone: (970) 371 7884
 Address: 1001 NOBLE ENERGY WAY Fax: _____
 City: HOUSTON State: TX Zip: 77070 Email: Erich.Zwaagstra@nblenergy.com

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

API Number 05-123-31762-00 Well Number: 20-19
 Well Name: WINTER
 Location: QtrQtr: SESE Section: 19 Township: 6N Range: 64W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: GREELEY Field Number: 32760

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.466239 Longitude: -104.587058
 GPS Data:
 Date of Measurement: 03/07/2011 PDOP Reading: 2.8 GPS Instrument Operator's Name: Renee Doiron
 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	7048	7064	04/21/2017	B PLUG / SQUEEZED	6771
NIOBRARA	6821	6944	04/21/2017	B PLUG / SQUEEZED	6771
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	682	430	692	0	VISU
1ST	7+7/8	4+1/2	11.6	7,205	905	7,205	302	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6771 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 <u>54</u> sks cmt from <u>4174</u> ft. to <u>3455</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>38</u> sks cmt from <u>2500</u> ft. to <u>1994</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>170</u> sks cmt from <u>782</u> ft. to <u>0</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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. _____ inch casing Plugging Date: 04/21/2017
 of _____
 *Wireline Contractor: Casedhole Solutions *Cementing Contractor: HES
 Type of Cement and Additives Used: 15.8 ppg Class G Neat
 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: Justin Garrett
 Title: Regulatory Analyst Date: 5/16/2017 Email: Justin.Garrett@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: Mangama, Christelle Date: 5/19/2018

CONDITIONS OF APPROVAL, IF ANY:

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401284429	FORM 6 SUBSEQUENT SUBMITTED
401284438	CEMENT JOB SUMMARY
401284440	WELLBORE DIAGRAM
401284441	WIRELINE JOB SUMMARY

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Agency	The operator confirmed that there was no flowline abandonment.	05/19/2018

Total: 1 comment(s)