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

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Date Received:

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, COGCC contact: Name: Tel: Email:

API Number 05-123-25426-00

Well Name: MCWILLIAMS D Well Number: 29-32

Location: QtrQtr: SENE Section: 30 Township: 3N 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: 40.196439 Longitude: -104.585105

GPS Data:

Date of Measurement: 05/22/2008 PDOP Reading: 2.5 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:

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7023	7034	10/02/2018	B PLUG CEMENT TOP	6720
NIOBRARA	6790	6806	10/02/2018	B PLUG CEMENT TOP	6720

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	654	316	654	10	VISU
1ST	7+7/8	4+1/2	11.6	7,170	580	7,170	3,300	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6720 with 20 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	20	sks cmt from	6720	ft. to	6372	ft.	Plug Type:	CASING	Plug Tagged: ☐
Set	60	sks cmt from	4601	ft. to	3807	ft.	Plug Type:	CASING	Plug Tagged: ☐
Set	200	sks cmt from	2550	ft. to	1989	ft.	Plug Type:	STUB PLUG	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 300 sacks half in. half out surface casing from 870 ft. to 10 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: 2500 ft. of 4+1/2 inch casing Plugging Date: 01/22/2019

*Wireline Contractor: Casedhole Solutions *Cementing Contractor: Halliburton Energy Services

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

CUT AND CAP 1/22/2019

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: Operations Tech Date: _____ 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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

Att Doc Num	Name
401996255	CEMENT JOB SUMMARY
401996256	OPERATIONS SUMMARY
401996258	WELLBORE DIAGRAM
401996260	OTHER
401996262	WIRELINE JOB SUMMARY
401996263	GYRO SURVEY

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)