

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:

401733517

Date Received:

08/14/2018

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: 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 05-123-17931-00

Well Name: HSR-MOSER

Well Number: 6-26

Location: QtrQtr: SENW Section: 26 Township: 3N Range: 65W 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: 40.197720

Longitude: -104.632500

GPS Data:

Date of Measurement: 08/09/2006

PDOP Reading: 3.5

GPS Instrument Operator's Name: Chris Fisher

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
SUSSEX	4580	4600	07/16/2018	B PLUG CEMENT TOP	4530
CODELL	7123	7128	07/17/2018	B PLUG CEMENT TOP	6835
NIOBRARA	6885	6887	07/17/2018	B PLUG CEMENT TOP	6835

Total: 3 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	650	450	650	10	VISU
1ST	7+7/8	4+1/2	11.6	7,263	200	7,263	5,700	CBL
S.C. 1.1				7,263	360	5,122	3,178	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6835 with 20 sacks cmt on top. CIPB #2: Depth 4530 with 20 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 <u>20</u> sks cmt from <u>6835</u> ft. to <u>6486</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>20</u> sks cmt from <u>4530</u> ft. to <u>4181</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>10</u> sks cmt from <u>2402</u> ft. to <u>2270</u> ft.	Plug Type: <u>CASING</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 2510 ft. with 155 sacks. Leave at least 100 ft. in casing 2402 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 342 sacks half in. half out surface casing from 900 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: 850 ft. 4+1/2 inch casing Plugging Date: 08/28/2018
of _____

*Wireline Contractor: SPN

*Cementing Contractor: SPN/Leed

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 adn Cap 8/28/18

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: 8/14/2018

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

Att Doc Num**Name**

401733517	FORM 6 SUBSEQUENT SUBMITTED
401733546	CEMENT JOB SUMMARY
401733548	WELLBORE DIAGRAM
401733549	WIRELINE JOB SUMMARY
401733560	GYRO SURVEY
401733563	CEMENT BOND LOG

Total Attach: 6 Files

General Comments

User Group**Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)