

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: 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: <u>100322</u>	Contact Name: <u>Erich Zwaagstra</u>
Name of Operator: <u>NOBLE ENERGY INC</u>	Phone: <u>(970) 371-7884</u>
Address: <u>1001 NOBLE ENERGY WAY</u>	Fax: _____
City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77070</u>	Email: <u>erich.zwaagstra@nblenergy.com</u>

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

API Number <u>05-123-17931-00</u>	Well Name: <u>HSR-MOSER</u>	Well Number: <u>6-26</u>
Location: QtrQtr: <u>SENW</u> Section: <u>26</u> Township: <u>3N</u> Range: <u>65W</u> Meridian: <u>6</u>	County: <u>WELD</u> Federal, Indian or State Lease Number: _____	
Field Name: <u>WATTENBERG</u>	Field Number: <u>90750</u>	

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
 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
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 20 sks cmt from 6835 ft. to 6486 ft. Plug Type: CASING Plug Tagged:
 Set 20 sks cmt from 4530 ft. to 4181 ft. Plug Type: CASING Plug Tagged:
 Set 10 sks cmt from 2402 ft. to 2270 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:

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. of 4+1/2 inch casing Plugging Date: 08/28/2018
 *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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
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

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)