

FORM
6Rev
05/18State of Colorado
Oil and Gas Conservation Commission

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DE	ET	OE	ES
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Date Received: 06/27/2018			

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: Paige Billings
Name of Operator: NOBLE ENERGY INC	Phone: (303) 228-4145
Address: 1001 NOBLE ENERGY WAY	Fax:
City: HOUSTON State: TX Zip: 77070	Email: paige.billings@nbenergy.com
For "Intent" 24 hour notice required, Name: Kraich, Adam Tel: (970) 420-0536	
COGCC contact: Email: adam.kraich@state.co.us	

API Number 05-123-13369-00	Well Number: 36-11
Well Name: STATE FARM	
Location: QtrQtr: NENE Section: 36 Township: 5N Range: 65W Meridian: 6	
County: WELD	Federal, Indian or State Lease Number: 68526
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: 40.360499	Longitude: -104.604399
GPS Data:	
Date of Measurement: 06/19/2006	PDOP Reading: 4.8 GPS Instrument Operator's Name: David Gipson
Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems	
<input type="checkbox"/> Other	
Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Estimated Depth:
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	7028	7042			
NIOBRARA	6737	7003			

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	313	200	313	11	VISU
1ST	7+7/8	4+1/2	15.10	7,138	160	7,138	6,312	CBL
S.C. 1.1				572	230	572	11	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6684 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 _____ 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: ☐
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 2600 ft. with 185 sacks. Leave at least 100 ft. in casing 2500 CICR Depth

Perforate and squeeze at 772 ft. with 105 sacks. Leave at least 100 ft. in casing 635 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: _____
of _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

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: Stephanie Dionne

Title: Engineering Tech Date: 6/27/2018 Email: stephanie.dionne@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: Jacobson, Eric Date: 7/17/2018

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 1/16/2019

COA Type	Description
	<p>If there has not been a reported Bradenhead test within 60 days of plugging this well, prior to starting plugging operations, a Bradenhead test shall be performed.</p> <p>1) If, before opening the Bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>3) If sampling is required contact COGCC engineering for an confirmation of plugging requirements prior to placing any plugs.</p> <p>Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions.</p> <p>The Form 17 shall be submitted within 10 days of the test.</p>
	<p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) Prior to placing the 772' plug: verify that all fluid migration (liquid or gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.</p> <p>3) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 263' or shallower and provide 10 sx plug at the surface.</p> <p>4) Leave at least 100' of cement in the wellbore for each plug.</p> <p>5) Properly abandon flowlines as per Rule 1105. File electronic Form 42 once abandonment is complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line, the operator must submit a Flowline Report, Form 44.</p>
	Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.
	COA: - the wellbore diagram and "Zones" tab are reporting perf intervals for the Niobrara and Codell that are not captured on previous form 5A or Scout Card. Please submit a Form 5A reporting the perf top and bottom for the Niobrara and the perf top and bottom for the Codell.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401687226	FORM 6 INTENT SUBMITTED
401687300	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Deepest Water Well within 1 Mile – 408' SB5 Base of Fox Hills - 322'	07/17/2018
Permit	Ready to pass form. Niobrara productive interval confirmed via doc# 165849 and via communication with the Operator. Codell productive interval confirmed via doc# 165849 & 952027.	07/16/2018
Permit	Per communication with the Operator, the following corrections were made: to "CODELL 7028(top) 7042(bot)" from "CODELL 7028(top) 7038(bot)" to "NIOBRARA 6737(top) 7003(bot) from "NIOBRARA-CODELL 6737(top) 7042(bot)"	07/16/2018
Permit	Waiting on Operator response for: - "Zones" tab: formations may not be commingled on the "Zones" tab, do you have anymore information on where the separation of the Niobrara and Codell perms are? - bottom Codell perf should be "7042"	07/13/2018
Well File Verification	Pass	06/29/2018

Total: 5 comment(s)