

FORM

6

Rev  
02/20

## 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:

402079734

Date Received:

06/20/2019

## 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,

Name:

Tel:

COGCC contact:

Email:

Type of Well Abandonment Report:



Notice of Intent to Abandon



Subsequent Report of Abandonment

API Number 05-123-16892-00

Well Name: KATE WHITE D

Well Number: 29-15

Location: QtrQtr: SWSE Section: 29 Township: 3N Range: 64W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.191021 Longitude: -104.573108

GPS Data: GPS Quality Value: 2.1 Type of GPS Quality Value: PDOP Date of Measurement: 09/22/2006

GPS Instrument Operator's Name: Paul Tappy

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	4464	4488	03/23/2010	SQUEEZED	
CODELL	7057	7069	11/15/2018	B PLUG CEMENT TOP	6770
NIOBRARA	6822	6934	11/15/2018	B PLUG CEMENT TOP	6770

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	563	390	563	0	VISU
1ST	7+7/8	3+1/2	7.7	7,193	276	7,193	6,160	CBL
S.C. 1.1				7,193	371	4,680	3,635	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6770 with 20 sacks cmt on top. CIBP #2: Depth 4400 with 20 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 20 sks cmt from 6770 ft. to 6179 ft. Plug Type: CASING Plug Tagged: ☐

Set 20 sks cmt from 4400 ft. to 3951 ft. Plug Type: CASING Plug Tagged: ☐

Set 180 sks cmt from 1996 ft. to 1528 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 \_\_\_\_\_ 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 420 sacks half in. half out surface casing from 841 ft. to 40 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: 2000 ft. of 3+1/2 inch casing Cut and Cap Date: 04/09/2019

\*Wireline Contractor: CASEDHOLE SOLUTIONS

\*Cementing Contractor: HALLIBURTON

Type of Cement and Additives Used: CLASS G NEAT 15.8#

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

CUT AND CAP 4/9/2019

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: 6/20/2019 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: McFarland, Nick Date: 8/9/2020

### CONDITIONS OF APPROVAL, IF ANY:

COA Type                      Description                     

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### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402079734	FORM 6 SUBSEQUENT SUBMITTED
402081468	CEMENT BOND LOG
402081469	GYRO SURVEY
402081471	CEMENT JOB SUMMARY
402081472	OPERATIONS SUMMARY
402081473	WELLBORE DIAGRAM
402081474	WIRELINE JOB SUMMARY

Total Attach: 7 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Still need 42/44. (Filed doc: 402222124)  5A filed and form 7 corrected.	01/22/2020
Engineer	*Enforcement Review: 6 SRA filed late on 6/18/2019 for plugging completed on 4/9/2019. 6 SRA is due within 30 days of plugging.  Emailed operator regarding items below:  *Form 7 reporting needs several corrections. 1. The Sussex is still reporting SI, instead of PA. 2. While the Codell is reported as PA, it shouldn't be reported as just the "CODELL". The Niobrara was completed in August 2011 per Doc: 401764864 and should also be reported. Please have the CODELL reporting removed and replaced by NIOBRARA-CODELL.  *No form 42 / 44 has been filed for flowline abandonment. Please file.	09/05/2019
Engineer	Form 17 filed; 5 psi down to 0 psi on surface casing. 48 hour ops notice filed. GPS location appears accurate on maps. Zones and casing history are consistent with approved intent. Procedure, WBD and tickets are consistent.	09/05/2019
Engineer	jacobsoe 11/28/2018 100322 123-16892 11/28/2018 Edit We cut casing at 2500ft and were unable to pull. Our plan is to move up to 2000ft and try again. We would then pump the 500ft courtesy plug 2000-1500ft. Let me know if that works. We are waiting to cut right now. Approved as discussed. EJ	09/05/2019

Total: 4 comment(s)