

FORM  
6Rev  
12/05State 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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400536800

Date Received:

01/09/2014

## 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: Seth Gordon

Name of Operator: NOBLE ENERGY INC

Phone: (720) 587-2288

Address: 1625 BROADWAY STE 2200

Fax: (970) 304-5099

City: DENVER State: CO Zip: 80202

Email: sgordon@nobleenergyinc.com

**For "Intent" 24 hour notice required,**

Name: JOHNSON, RANDELL

Tel: (303) 815-9641

**COGCC contact:**

Email: randell.johnson@state.co.us

API Number 05-001-06809-00

Well Name: DAVIS

Well Number: 1

Location: QtrQtr: NESW Section: 20 Township: 1S Range: 66W Meridian: 6

County: ADAMS

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: 39.946717

Longitude: -104.803394

GPS Data:

Date of Measurement: 05/07/2010

PDOP Reading: 2.3

GPS Instrument Operator's Name: Paul Tappy

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ OtherCasing 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
J SAND	8123	8158			

Total: 1 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	132	120	132	12	VISU
1ST	7+7/8	4+1/2	11.6	8,231	250	8,231	7,265	CALC
S.C. 1.1				1,203	300	1,203	150	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8073 with 2 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 110 sks cmt from 1300 ft. to 140 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: ☐  
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 7100 ft. with 40 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 75 sacks half in. half out surface casing from 140 ft. to 0 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. of \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

CBL will be run first to determine exact cement coverage. If TOC is lower than 7070', a CICR will be set approx. 100' above TOC, with 90 sx through and 10 on top to cover Niobrara. See procedure for exact details.

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: Base Production Tech Date: 1/9/2014 Email: sdionne@nobleenergyinc.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: BURN, DIANA Date: 2/9/2014

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 8/8/2014

<u>COA Type</u>	<u>Description</u>
	<p>Note Change in plugging procedure: Require plug at Niobrara depth – if CBL shows top at 7070' or higher, can place CIBP w/ 2 sx at 7220' – if TOC not that high, Niobrara isolation requires perforations and pumping cement with cement in the casing – CICR will not require tagging, balance plug will require tagging.</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p>

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400536800	FORM 6 INTENT SUBMITTED
400537155	PROPOSED PLUGGING PROCEDURE
400537159	WELLBORE DIAGRAM
400537160	WELLBORE DIAGRAM

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>LOCATION: NE1/4 OF SW1/4 OF SEC. 20, T.1s., R.66W. (1327 SSL, 1629 WSL)</p> <p>Ground Elevation: 5040 Number of Acres: 160</p> <p>ELEVATION DEPTH TO ANNUAL            ----- NET ----- APPROP STATUS            AQUIFER BOT. TOP SAND BOT. TOP A-F            -----            UPPER DAWSON ---- ---- ---- ---- ----            LOWER DAWSON ---- ---- ---- ---- ----            DENVER ---- ---- ---- ---- ----            UPPER ARAPAHOE 4847 4941 35.0 193 99 9.51 NNT            LOWER ARAPAHOE 4528 4772 105.4 512 268 28.66 NT            LARAMIE-FOX HILLS 3875 4088 158.1 1165 952 37.94 NT</p>	2/9/2014 3:28:30 PM
Permit	old style comp. rept. #320014 sub. 5/74 meets form 5/5A requirements.	1/13/2014 7:09:09 AM

Total: 2 comment(s)