

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

Document Number:

400543946

Date Received:

01/22/2014

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: Greg Anderson

Name of Operator: NOBLE ENERGY INC

Phone: (970) 304-5167

Address: 1625 BROADWAY STE 2200

Fax: (970) 304-5099

City: DENVER State: CO Zip: 80202

Email: ganderson@nobleenergyinc.com

For "Intent" 24 hour notice required,

Name: Carlile, Craig

Tel: (303) 8942100

COGCC contact:

Email: craig.carlile@state.co.us

API Number 05-123-18144-00

Well Name: NELSON

Well Number: 31-7J7

Location: QtrQtr: SWNE Section: 31 Township: 3N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 59768

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: 40.184240

Longitude: -104.930110

GPS Data:

Date of Measurement: 03/20/2007

PDOP Reading: 2.5

GPS Instrument Operator's Name: Paul Tappy

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ Other

Casing to be pulled:

☒ Yes☐ No

Estimated Depth: 4400

Fish in Hole:

☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks:

☐ Yes☒ No

If yes, explain details below

Details: P&A due to high cost of flood damage prior to closeout of Avanti trade to Anadarko.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7257	7277			

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	9+7/8	7	17	459	200	459	0	VISU
1ST	6+1/4	3+1/2	7.7	7,432	100	7,432	6,338	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7207 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 100 sks cmt from 4450 ft. to 3875 ft. Plug Type: STUB PLUG Plug Tagged: ☒

Set 50 sks cmt from 2500 ft. to 2300 ft. Plug Type: OPEN HOLE 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 _____ 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 200 sacks half in. half out surface casing from 640 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:

Stub plug & courtesy plug heights calculated considering a 7" hole. CBL will be ran to find TOC for first string (production casing cement).

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Ross Snyder

Title: Base Production Tech Date: 1/22/2014 Email: rsnyder@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: JENKINS, STEVE Date: 1/27/2014

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 7/26/2014

<u>COA Type</u>	<u>Description</u>
	<p>Note changes to plugging procedure:</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) For 4450' plug: pump plug and displace, then tag plug – must be 3875' or shallower. Leave at least 100' cement in the casing for each plug.</p> <p>3) For 640' plug: pump plug and displace. If surface casing plug not circulated to surface then tag plug – must be 0' or shallower. Leave at least 100' cement in the casing for each plug.</p> <p>4) 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>
400543946	FORM 6 INTENT SUBMITTED
400543958	WELLBORE DIAGRAM
400543959	PROPOSED PLUGGING PROCEDURE
400543960	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion report dated 12/12/1994.	1/24/2014 8:52:49 AM

Total: 1 comment(s)