

FORM
6Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400456397

Date Received:

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: Erich Zwaagstra

Name of Operator: NOBLE ENERGY INC

Phone: (970) 371-7884

Address: 1625 BROADWAY STE 2200

Fax: (970) 304-5099

City: DENVER

State: CO

Zip: 80202

Email: Ezwaagstra@nobleenergyinc.com

For "Intent" 24 hour notice required,

Name: _____ Tel: _____

COGCC contact:

Email: _____

API Number 05-001-06670-00

Well Name: HECKENDORF

Well Number: 1

Location: QtrQtr: NENE

Section: 14

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: 39.969188

Longitude: -104.738021

GPS Data:

Date of Measurement: 05/07/2010

PDOP Reading: 2.8

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: _____

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	Code	Perf. Top	Perf. Bottom	Date	Method of Isolation	Plug Depth
J SAND	JSND	8038	8048	06/27/2013	B PLUG CEMENT TOP	7938

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	23.0	216	175	216	0	VISU
1ST	7+7/8	4+1/2	15.1	8,150	200	8,150	7,350	CALC
	7+7/8	4+1/2	Stage Tool	1,258	200	1,258	800	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7938 with 2 sacks cmt on top. CIBP #2: Depth 2440 with 2 sacks cmt on top.
CIBP #3: Depth 1250 with 20 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 12 sks cmt from 3727 ft. to 3712 ft. Plug Type: CASING Plug Tagged: ☒
Set 25 sks cmt from 3712 ft. to 3615 ft. Plug Type: CASING Plug Tagged: ☒
Set 520 sks cmt from 792 ft. to 60 ft. Plug Type: STUB PLUG 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 2500 ft. with 50 sacks. Leave at least 100 ft. in casing 2440 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 20 sacks half in. half out surface casing from 60 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: 766 ft. of 4+1/2 inch casing

Plugging Date: 07/10/2013

*Wireline Contractor: J-W Wireline Company

*Cementing Contractor: Magna Energy Services, LLC

Type of Cement and Additives Used: Class "G" Neat 15.8#

Flowline/Pipeline has been abandoned per Rule 1103 ☒ Yes ☐ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

Corrected the casing history

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

Signed: _____

Print Name: Marilyn Tucker

Title: Base Production Tech

Date: _____

Email: mtucker@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: _____

Date: _____

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

Att Doc Num	Name
400456847	WELLBORE DIAGRAM
400456848	CEMENT JOB SUMMARY
400456852	CEMENT BOND LOG

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)