

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



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Document Number:

400384594

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) 304-509

City: DENVER State: CO Zip: 80202

Email: EZwaagstra@nobleenergyinc.com

For "Intent" 24 hour notice required,

Name: _____ Tel: _____

COGCC contact:

Email: _____

API Number 05-123-16138-00

Well Name: KARCH BLUE

Well Number: D 4-07

Location: QtrQtr: SWNE Section: 4 Township: 3N Range: 64W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 63426

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: 40.256030

Longitude: -104.553910

GPS Data:

Date of Measurement: 08/24/2006

PDOP Reading: 4.9

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 belowWellbore 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
SUSSEX	SUSX	4270	4315	03/23/2005	SQUEEZED	4270
CODELL	CODL	6886	6898	02/07/2013	RETAINER/SQUEEZED	4897

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	431	350	431	0	VISU
1ST	7+7/8	3+1/2	9.2	7,088	210	7,088	6,104	CBL
S.C. 1.1	7+7/8	3+1/2	9.2	7,088	250	4,485	3,290	CBL
S.C. 2.1	7+7/8	3+1/2	9.2	7,088	150	4,476	4,230	CALC
S.C. 3.1	7+7/8	3+1/2	9.2	7,088	100	4,220	4,200	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5003 with _____ 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 50 sks cmt from 3034 ft. to 2778 ft. Plug Type: STUB PLUG Plug Tagged: ☒
Set 28 sks cmt from 4198 ft. to 4000 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: ☐

Perforate and squeeze at 4950 ft. with 100 sacks. Leave at least 100 ft. in casing 4897 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 324 sacks half in. half out surface casing from 575 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: 3000 ft. of 3+1/2 inch casing

Plugging Date: 02/14/2013

*Wireline Contractor: Magna Energy Services, LLC

*Cementing Contractor: Magna Energy Services, LLC

Type of Cement and Additives Used: "G", neat, 15.8 ppg

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

*ATTACH JOB SUMMARY

Technical Detail/Comments:

CIBP set on it's own on the way in (@ 5003'). Contact was made with COGCC Northeast Area Engineer, Ryan Hollinshead, and procedure was modified to account for this unexpected event. Correspondence is attached.

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

Signed: _____

Print Name: Julie Ottoson

Title: Base Production Tech

Date: _____

Email: JOttoson@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
400384599	WELLBORE DIAGRAM
400384600	CEMENT JOB SUMMARY
400384601	OTHER

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)