

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:

401359933

Date Received:

07/31/2017

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: John Hatch

Name of Operator: NOBLE ENERGY INC

Phone: (303) 505-6589

Address: 1625 BROADWAY STE 2200

Fax:

City: DENVER State: CO Zip: 80202

Email: john.hatch@nblenergy.com

For "Intent" 24 hour notice required,

Name: Gomez, Jason

Tel: (970) 573-1277

COGCC contact:

Email: jason.gomez@state.co.us

API Number 05-123-12374-00

Well Name: DOERING, G W

Well Number: 2-28

Location: QtrQtr: NESE Section: 28 Township: 6N Range: 66W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 55302

Field Name: BRACEWELL

Field Number: 7487

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.458380

Longitude: -104.774890

GPS Data:

Date of Measurement: 06/22/2007

PDOP Reading: 1.8

GPS Instrument Operator's Name: Paul Tappy

Reason for Abandonment:

☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 605

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
CODELL	7114	7130			
NIOBRARA	6952	6982			

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	9+5/8	36	405	225	405	11	VISU
1ST	7+7/8	4+1/2	11.60	7,264	225	7,264	6,016	CBL
S.C. 1.1				5,250	390	5,250	5,110	CBL
S.C. 1.2				3,990	390	3,990	1,350	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6902 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 25 sks cmt from 2500 ft. to 2200 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 _____ 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 230 sacks half in. half out surface casing from 655 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. _____ inch casing Plugging Date: _____
of _____

*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:

NO BOND COVERAGE 3990' - 5110'.

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

Signed: _____ Print Name: Diane Blair

Title: Engineering Technician Date: 7/31/2017 Email: diane.blair@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: HICKEY, MIKE Date: 8/11/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 2/10/2018

COA Type	Description
	<p>Prior to starting plugging operations a bradenhead test shall be performed.</p> <p>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling.</p> <p>The Form 17 shall be submitted within 10 days of the test.</p>
	<p>1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU.</p> <p>2) Properly abandon flowlines. Once flowlines are properly abandoned, file electronic form 42.</p> <p>3) For 655' plug: pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours and tag plug – top of plug must be not deeper than 355' and provide minimum 10 sx plug at the surface. Leave at least 100' of cement in the wellbore for each plug.</p>

Attachment Check List

Att Doc Num	Name
401359933	FORM 6 INTENT SUBMITTED
401359990	WELLBORE DIAGRAM
401359992	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Engineer	Changed name of the 2500' plug from stub plug to casing plug. Cement behind casing. Proposed casing cut is at 605'.	08/11/2017
Public Room	Document verification complete 08/10/17	08/10/2017

Total: 2 comment(s)