

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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Date Received:

08/18/2017

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: AJ Paine

Name of Operator: NOBLE ENERGY INC

Phone: (303) 949-5193

Address: 1625 BROADWAY STE 2200

Fax:

City: DENVER State: CO Zip: 80202

Email: aj.paine@nblenergy.com

For "Intent" 24 hour notice required,

Name: Montoya, John

Tel: (970) 397-4124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-123-24791-00

Well Name: WASTE MANAGEMENT USX Y

Well Number: 3-6

Location: QtrQtr: SENW Section: 3 Township: 2N Range: 64W Meridian: 6

County: WELD

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: 40.168920

Longitude: -104.539610

GPS Data:

Date of Measurement: 07/21/2007

PDOP Reading: 2.6

GPS Instrument Operator's Name: PAUL TAPPY

Reason for Abandonment:

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

Estimated Depth: 1106

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	7043	7055			
NIOBRARA	6806	6906			

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	906	434	906	0	VISU
1ST	7+7/8	4+1/2	11.60	7,186	660	7,186	3,502	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6756 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 _____ 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: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 2500 ft. with 165 sacks. Leave at least 100 ft. in casing 2400 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 370 sacks half in. half out surface casing from 1156 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:

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: 8/18/2017 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: Wolfe, Stephen Date: 9/22/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 3/21/2018

COA Type	Description
	Bradenhead Prior to starting plugging operations, a bradenhead test shall be performed. If the initial shut-in bradenhead pressure is greater than 25 psi or liquid is present at any time during the test, notify COGCC Engineer for sampling requirements prior to proceeding with the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling.
	Plugging <ul style="list-style-type: none"> • Provide 48 hour notice of plugging MIRU via electronic Form 42. • If there is fluid migration or shut-in pressure on the well prior to pumping any plug that isolates the surface casing shoe contact COGCC Engineer for revised plugging orders. • If the shoe plug, or combined stub/shoe plug, is not circulated to the surface then the plug shall be tagged and must be 50' into the shoe, or 50' above the cut, whichever is shallower. • Place a 25 sack plug at the surface, all other plugs shall have at least 100' of cement left in the casing. • Properly abandon flowlines as per Rule 1103.
	Reporting <ul style="list-style-type: none"> • Form 17 Bradenhead Test Report shall be submitted within 10 days of the test. • File electronic Form 42 once flowline abandonment is complete. • Submit open hole Resistivity/GR log in graphical format. LAS format on file with COGCC, Doc 700032604

Attachment Check List

Att Doc Num	Name
401380256	FORM 6 INTENT SUBMITTED
401380284	WELLBORE DIAGRAM
401380288	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Public Room	Document verification complete 08/28/17	08/28/2017

Total: 1 comment(s)