FORM 6 Rev 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: 401539337

Date Received: 02/07/2018

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: 1001 NOBLE ENERGY WAY Fax:

City: HOUSTON State: TX Zip: 77070 Email: john.hatch@nblenergy.com

For "Intent" 24 hour notice required, COGCC contact: Name: O'Donnell, Shaun Tel: (720) 305-8280 Email: shaun.odonnell@state.co.us

API Number 05-123-23254-00

Well Name: STATE M Well Number: 36-3

Location: QtrQtr: NENW Section: 36 Township: 6N Range: 67W 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: 40.448750 Longitude: -104.844410

GPS Data:

Date of Measurement: 12/08/2006 PDOP Reading: 2.5 GPS Instrument Operator's Name: Paul Tappy

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems

☐ Other

Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 656

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	7028	7046	06/12/2017	B PLUG CEMENT TOP	6978

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	24	456		456	16	VISU
1ST	7+7/8	4+1/2	11.6	7,652	490	7,652	6,094	CBL
S.C. 1.1				4,860	490	4,865	1,858	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.

CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 35 sks cmt from 6939 ft. to 6515 ft. Plug Type: CASING Plug Tagged: ☐

Set 50 sks cmt from 4345 ft. to 3735 ft. Plug Type: CASING Plug Tagged: ☐

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: ☐

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 245 sacks half in. half out surface casing from 706 ft. to 16 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:

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

Signed: _____ Print Name: Stephanie Dionne

Title: Engineering Tech Date: 2/7/2018 Email: stephanie.dionne@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: 3/9/2018

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 9/8/2018

COA Type	Description
	Prior to starting plugging operations a bradenhead test shall be performed. 1)If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2)If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. 3)If sampling is required contact COGCC engineering for a confirmation of plugging requirements prior to placing any plugs. 4)Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. The Form 17 shall be submitted within 10 days of the test. 5)Submit Form 42 electronically to COGCC 48 hours prior to MIRU 6)Prior to placing the 706' plug: verify that all fluid migration (liquid or gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging requirements. 7)After isolation has been verified, 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 406' and provide minimum 10 sx plug at the surface. Leave at least 100' of cement in 8)the wellbore for each plug. 9)Properly abandon all flowlines. Once flowlines are properly abandoned, file electronic form 42.
	Bradenhead test indicates the presence of unisolated fluids in the annulus. Any flow in the wellbore must be stopped prior to any plug above 2200'; verify gas/liquid migration has been eliminated. If evidence of fluid migration or pressure remains contact COGCC Engineer for an update to plugging orders.
	Update production reporting for the abandonment of the codell interval 6/2017.

Attachment Check List

Att Doc Num	Name
401539337	FORM 6 INTENT SUBMITTED
401539460	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Public Room	Pass	02/22/2018

Total: 1 comment(s)