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

DE	ET	OE	ES

Document Number: 401493899

Date Received: 12/21/2017

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: (406) 671-4612

Address: 1001 NOBLE ENERGY WAY Fax:

City: HOUSTON State: TX Zip: 77070 Email: aj.paine@nblenergy.com

For "Intent" 24 hour notice required, COGCC contact: Name: Montoya, John Tel: (970) 397-4124 Email: john.montoya@state.co.us

API Number 05-123-22860-00

Well Name: WASTE MANAGEMENT Well Number: 12-11

Location: QtrQtr: SWNW Section: 11 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: 40.154780 Longitude: -104.525830

GPS Data:

Date of Measurement: 06/06/2007 PDOP Reading: 1.7 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: 1196

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	7088	7100			
J SAND	7540	7588			

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	996	670	996	0	CALC
1ST	7+7/8	4+1/2	11.60	7,724	225	7,724	6,240	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7390 with 2 sacks cmt on top. CIPB #2: Depth 6832 with 2 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 _____ 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 190 sacks half in. half out surface casing from 1246 ft. to 700 ft. Plug Tagged: ☒

Set 95 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:

TOP OFF: 95sx 300' - SURFACE. SAND PLUG 7,400' - 7.430' (7/14/2011) SET OVER CIFTP @ 7,420' - 7,432' (3/20/2009)

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: 12/21/2017 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: 1/29/2018

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 7/28/2018

COA Type	Description
	Venting Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.
	Bradenhead Testing 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, sampling is required. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling.
	Plugging • Provide 48 hour notice of plugging MIRU via electronic Form 42. • Sand plug above the J Sand perfs shall be tagged prior to setting CIBP at 7390' and if plug is not found as reported contact COGCC Engineer for revised plugging orders. • If there is fluid migration or shut-in pressure on the well prior to pumping any plug (annular or casing) that isolates the deepest aquifer or the surface casing shoe (whichever is deeper) 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 50' plug(minimum) at the surface, all other plugs shall have at least 100' of cement left in the casing. • Properly abandon flowlines as per Rule 1103.
	Post Plugging Reporting • Form 17 Bradenhead Test Report shall be submitted within 10 days of the test. • File electronic Form 42 once flowline abandonment is complete. • If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples
	Production Reporting Within 45 days of the approval of this form 6(NOI) the production reporting shall be corrected.

Attachment Check List

Att Doc Num	Name
401493899	FORM 6 INTENT SUBMITTED
401493962	WELLBORE DIAGRAM
401493963	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Engineer	SB5 887' WW 920'	01/29/2018
Engineer	No J Sand isolation, removed from Zones tab.	01/29/2018
Public Room	Document verification complete 01/18/18	01/18/2018

Total: 3 comment(s)