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: 401025786

Date Received: 04/12/2016

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: (720) 587-2374

Address: 1625 BROADWAY STE 2200 Fax:

City: DENVER State: CO Zip: 80202 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 05-123-16131-00

Well Name: SPIKE Well Number: D 36-6

Location: QtrQtr: SENW Section: 36 Township: 3N Range: 64W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 70/7887

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: 40.183690 Longitude: -104.502250

GPS Data:

Date of Measurement: 06/06/2007 PDOP Reading: 2.4 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: 2500

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	6900	6910			

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	650	450	650	13	VISU
1ST	7+7/8	2+7/8	6.5	7,061	200	7,061	6,150	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6850 with 10 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 100 sks cmt from 2500 ft. to 1000 ft. Plug Type: STUB PLUG 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 4250 ft. with 80 sacks. Leave at least 100 ft. in casing 4150 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 310 sacks half in. half out surface casing from 858 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. 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: ANGELA FIORE

Title: ENGINEERING TECHNICIAN Date: 4/12/2016 Email: ANGELA.FIORE@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: McCoy, Diane Date: 5/3/2016

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 11/2/2016

COA Type	Description
	1) Prior to starting plugging operations, a bradenhead test shall be performed. Call COGCC Engineer with the results of the test before plugging. The Form 17 shall be submitted with Form 6 (s) Subsequent of Abandonment. 2) Provide 48 hour notice of plugging MIRU via electronic Form 42. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 4) If surface casing plug is not circulated to surface then tag plug – must be 550' or shallower and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug. 5) Submit CBL with Form 6 (s) Subsequent Report of Abandonment.

Attachment Check List

Att Doc Num	Name
401025786	FORM 6 INTENT SUBMITTED
401025789	WELLBORE DIAGRAM
401025790	PROPOSED PLUGGING PROCEDURE
401025793	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Engineer	Comment from the operator, "There is a fish right at surface. The tubing broke off directly below the wellhead, so the fish is the entire tubing string that is currently in the hole. We plan on removing the string prior to proceeding with the rest of the P&A process."	5/3/2016 8:40:52 AM
Public Room	Document verification complete	4/14/2016 3:16:28 PM

Total: 2 comment(s)