

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



DE ET OE ES

Document Number:

400410131

Date Received:

04/26/2013

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: Leah Perkins

Name of Operator: NOBLE ENERGY INC

Phone: (970) 286-5925

Address: 1625 BROADWAY STE 2200

Fax: (970) 304-5099

City: DENVER State: CO Zip: 80202

Email: LPerkins@nobleenergyinc.com

For "Intent" 24 hour notice required,

Name: HICKEY, MIKE

Tel: (970) 302-1024

COGCC contact:

Email: mike.hickey@state.co.us

API Number 05-001-06790-00

Well Name: CASE

Well Number: 1

Location: QtrQtr: NENE Section: 17 Township: 1S Range: 66W Meridian: 6

County: ADAMS

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: 39.969599

Longitude: -104.793380

GPS Data:

Date of Measurement: 06/29/2010

PDOP Reading: 3.4

GPS Instrument Operator's Name: Paul Tappy

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

Estimated Depth: 1000

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks: ☐ Yes☒ No

If yes, explain details below

Details: DCP sales line developed a leak and production of impacted wells was not adequate to justify the repair.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	8104	8134			

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	24.0	113	110	113	0	VISU
1ST	7+7/8	4+1/2	11.6	8,237	250	8,237	7,137	CALC
S.C. 1.1	7+7/8	4+1/2	11.6	1,207	250	1,210	107	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8004 with 2 sacks cmt on top. CIBP #2: Depth 7200 with 2 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 20 sks cmt from 3000 ft. to 2740 ft. Plug Type: CASING Plug Tagged: ☐
Set 100 sks cmt from 1260 ft. to 125 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: ☐
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 _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged: ☐

Set 10 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:

Will run a CBL as part of P&A procedure to determine cement tops and coverage.

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

Signed: _____ Print Name: Julie Ottoson

Title: Base Production Tech Date: 4/26/2013 Email: JOttoson@nobleenergyinc.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: BURN, DIANA Date: 5/21/2013

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 11/20/2013

NOTE CHANGE IN PLUGGING PROCEDURES

CBL to be run – CIBP @~7200' must be set under cement top. Uphole coverage needs to be verified.

1) Provide 24 hour notice of MIRU to Mike Hickey at 970-302-1024 or e-mail at Mike.Hickey@state.co.us.

2) For 1260' plug: pump plug and displace, if not circulated to surface, shut-in, WOC 4 hours and tag plug – must be 80' or shallower. Place 10 sx inside and outside of casing if not circulated to surface. If annular cement not to surface, top off annulus if casing plug circulated to surface. Leave at least 100' cement in the casing for each plug.

3) Properly abandon flowlines as per Rule 1103.

Attachment Check List

Att Doc Num	Name
400410131	FORM 6 INTENT SUBMITTED
400410141	WELLBORE DIAGRAM
400410142	PROPOSED PLUGGING PROCEDURE
400410143	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	LOCATION: NE1/4 OF NE1/4 OF SEC. 17, T.1s., R.66W. (990 NSL, 990 ESL) Ground Elevation: 5033 Number of Acres: 160 ELEVATION DEPTH TO ANNUAL ----- NET ----- APPROP STATUS AQUIFER BOT. TOP SAND BOT. TOP A-F ----- UPPER DAWSON ---- - LOWER DAWSON ---- - DENVER ---- - UPPER ARAPAHOE 4846 4913 18.1 187 120 4.92 NNT LOWER ARAPAHOE 4452 4771 137.4 581 262 37.37 NNT LARAMIE-FOX HILLS 3898 4123 161.6 1135 910 38.78 NT note: E indicates location is at aquifer boundary and values may be more approximate.	5/19/2013 2:24:41 PM
Permit	Well completion or recompletion report. doc. # 319941 dated 5/1/1974	4/29/2013 5:35:16 AM

Total: 2 comment(s)