

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:

400678168

Date Received:

09/03/2014

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: Jonathan Pomerantz

Name of Operator: NOBLE ENERGY INC

Phone: (970) 397-7617

Address: 1625 BROADWAY STE 2200

Fax:

City: DENVER State: CO Zip: 80202

Email: jpomerantz@nobleenergyinc.com

For "Intent" 24 hour notice required,

Name: Montoya, John

Tel: (970) 3974124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-001-08879-00

Well Name: KRAFT

Well Number: 34-14

Location: QtrQtr: SWSE Section: 14 Township: 1S Range: 65W 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: 39.961000

Longitude: -104.627750

GPS Data:

Date of Measurement: 06/05/2007

PDOP Reading: 2.0

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:Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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
J SAND	7867	7912			

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	167	110	167	10	VISU
1ST	7+7/8	4+1/2	11.6	7,996	200	7,996	7,203	CBL
S.C. 1.1				1,300	75	1,300	1,117	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7817 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 7200 ft. with 180 sacks. Leave at least 100 ft. in casing 7100 CICR Depth
Perforate and squeeze at 1550 ft. with 105 sacks. Leave at least 100 ft. in casing 1450 CICR Depth
Perforate and squeeze at 1107 ft. with 410 sacks. Leave at least 100 ft. in casing 1007 CICR Depth

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ 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:

- 1) MIRU Workover rig, pump & tank.
- 2) POOH w/ 2 3/8" tbg and lay down.
- 3) RU WL. RIH w/ CIBP. Set CIBP @ 7817' (wait to dump bail cement until after hole loading and CBL).
- 4) Load hole. Run full CBL from CIBP to surface to determine exact depths of uphole cement (approx 1300' - 1117').
- 5) RIH w/ dump bailer. Dump bail 2 sx of cement on top of CIBP @ 7817'.
- 6) RIH w/ perf gun. Perforate 4 1/2" casing @ 7200' and 6700'.
- 7) RIH w/ CICR. Set CICR @ 7100'. Pump 150 sx through and 30 sx on top.
- 8) RIH w/ perf gun. Perforate 4 1/2" csg @ 1550' and approx 1310' (10' below the BOC depth determined by the CBL).
- 9) RIH w/ CICR. Set CICR @ 1450. Pump approx 80 sx through and 25 sx on top (sufficient to cover inside up to TOC).
- 10) RIH w/ perf gun. Perforate 4 1/2" casing @ approx 1107' (10' above the TOC depth determined by the CBL).
- 11) RIH w/ CICR. Set CICR @ 1007'. Pump approx 330 sx through and 80 sx on top. Cement to surface.
- 12) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 13) Cut surface casing off 6'-8' below ground.
- 14) Clean up location. Reclaim location. RDMO.

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: Base Production Tech Date: 9/3/2014 Email: sdionne@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: 11/3/2014

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 5/2/2015

COA Type	Description
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For 1100' plug: pump plug and displace. If surface casing plug not circulated to surface then tag plug – must be 120' or shallower and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.

Attachment Check List

Att Doc Num	Name
400678168	FORM 6 INTENT SUBMITTED
400678186	WELLBORE DIAGRAM
400678187	PROPOSED PLUGGING PROCEDURE
400678189	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Engineer	CBL referenced - none on file	10/23/2014 11:46:32 AM
Permit	Old style comp. rept. #234663 sub. 10/1988 meets Form 5/5A requirements.	9/3/2014 12:00:42 PM

Total: 2 comment(s)