

FORM
6Rev
12/05State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Date Received:

07/23/2010

Document Number:

2510807

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: JENNIFER BARNETT

Name of Operator: NOBLE ENERGY INC

Phone: (303) 2284342

Address: 1625 BROADWAY STE 2200

Fax: (303) 2284286

City: DENVER State: CO Zip: 80202

24 hour notice required, contact: Name: Tel:

API Number 05-125-07691-00

Well Name: WAKEFIELD

Well Number: 23-31

Location: QtrQtr: NESW Section: 31 Township: 1N Range: 45W Meridian: 6

County: YUMA

Federal, Indian or State Lease Number:

Field Name: REPUBLICAN

Field Number: 86500

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.008730

Longitude: -102.446650

GPS Data:

Data of Measurement: 07/17/2008

PDOP Reading: 3.3

GPS Instrument Operator's Name: SCOTT DEMANCHE

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No Top of Casing Cement: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	Code	Perf. Top	Perf. Bottom	Date	Method of Isolation	Plug Depth
NIOBRARA	NBRR	2333	2343	05/27/2010	CEMENT	1829

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Top	Cement Bot	Status
SURF	9+7/8	7	17	377	165	0	377	
1ST	6+1/4	4+1/2	10.5	2,542	155	0	2,550	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 40 sks cmt from 2343 ft. to 1829 ft. in Plug Type: CASING Plug Tagged: _____
Set _____ sks cmt from _____ ft. to _____ ft. in Plug Type: _____ Plug Tagged: _____
Set _____ sks cmt from _____ ft. to _____ ft. in Plug Type: _____ Plug Tagged: _____
Set _____ sks cmt from _____ ft. to _____ ft. in Plug Type: _____ Plug Tagged: _____
Set _____ sks cmt from _____ ft. to _____ ft. in 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 20 sacks half in. half out surface casing from 472 ft. to 215 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: 05/27/2010

*Wireline Contractor: _____ *Cementing Contractor: SANJEL

Type of Cement and Additives Used: CLASS G - 0.7% CFR - 2, 0.7% CFL - 3, 1.0% CACL2

Flowline/Pipeline has been abandoned per Rule 1103 Yes No

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

Signed: _____ Print Name: JENNIFER BARNETT

Title: REGULATORY ANALYST Date: 7/22/2010 Email: JBARNETT@NOBELENERGYINC.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: David G. Nashin Director of COGCC Date: 12/3/2010

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

Att Doc Num	Name
2510807	FORM 6 SUBSEQUENT SUBMITTED
2510808	CEMENT JOB SUMMARY

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)