

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

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Date Received:

06/24/2013

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: Julie Webb

Name of Operator: NOBLE ENERGY INC

Phone: (720) 587-2316

Address: 1625 BROADWAY STE 2200

Fax:

City: DENVER State: CO Zip: 80202

Email: juliewebb@nobleenergyinc.com

For "Intent" 24 hour notice required,

Name: Tel:

COGCC contact:

Email:

API Number 05-123-35960-01

Well Name: Betz State PC

Well Number: G16-69HCX

Location: QtrQtr: SESE Section: 9 Township: 4N Range: 65W 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: 40.321170

Longitude: -104.662010

GPS Data:

Date of Measurement: 01/09/2013

PDOP Reading: 1.8

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: 7745

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

Total: 0 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
CONDUCTOR	26	16	84	96	6	96	0	VISU
SURF	13+3/4	9+5/8	36	713	366	713	0	VISU
1ST	8+3/4	7	26	7,518	625	7,518	1,930	CBL
OPEN HOLE	6+1/8			7,745			6,900	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6900 with 2 sacks cmt on top. CIBP #2: Depth 6800 with 2 sacks cmt on top.
CIBP #3: Depth 850 with 2 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 100 sks cmt from 6262 ft. to 6797 ft. Plug Type: CASING Plug Tagged: ☐
Set 100 sks cmt from 2465 ft. to 3000 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 783 ft. with 50 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 150 sacks half in. half out surface casing from 780 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: 05/02/2013

*Wireline Contractor: Nabors Well Service

*Cementing Contractor: Bison Oil Well Cementing

Type of Cement and Additives Used: G Neat cement, -15.8 bbls @1.15 yeild

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

4/5/13: Tag CIBP @ 6900'. RIH w/#1 7" set plug @ 6800'. RIH dump bailer 2 sx on plug. 4/25/13: Tag TOC @ 6797' w/221 jts. Set a 100 sk plug of class G neat cement mixed at 15.8 ppg from 6797' to 6262'. Set a second plug of 100 sk of class G neat cement mixed at 15.8 ppg from 3000' to 2465'. Pull 30 stds and lay down 37 jts tubing. 4/26/13: RIH shot 4 sqz holes @783. TIH w/ 7" packer set @ 1090'. Pressure up to 300#. RIH shot 4 sqz holes @ 830'. TIH w/ packer set @ 790'. Release packer POOH. 4/29/13: Pressure test lines. Pump 6 bbls fresh ahead slurry of 50 sks 15.2# 1.27 yield cement from 830' to 783'. 4/30/13: RIH w/ 6 1/8" cone bit 2 7/8" yellow band tbg. Tagged fill @ 702'. RIH Run CBL from 1000' to 60'. Cement coverage looks good according to John Montoya COGCC/Office. 5/1/13: RIH w/7" CIBP set @ 850' pull off plug. Pumped 15.2# 1.27 yield, 150 sks G-neat cement down tbg until slurry was visually seen at surface.

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

Signed: _____ Print Name: Julie Webb

Title: Regulatory Analyst Date: 6/24/2013 Email: juliewebb@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: 9/14/2013

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400434496	FORM 6 SUBSEQUENT SUBMITTED
400434525	CEMENT JOB SUMMARY
400435562	CEMENT JOB SUMMARY
400438030	CEMENT BOND LOG
400438062	WELLBORE DIAGRAM
400438063	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments

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

Total: 0 comment(s)