

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



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Document Number:

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Date Received:

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: 100185

Contact Name: JEREMY FRASER

Name of Operator: ENCANA OIL & GAS (USA) INC

Phone: (720) 876-3061

Address: 370 17TH ST STE 1700

Fax: (720) 876-4061

City: DENVER State: CO Zip: 80202-

Email: JEREMY.FRASER@ENCANA.COM

For "Intent" 24 hour notice required,

Name: HICKEY, MIKE

Tel: (970) 302-1024

COGCC contact:

Email: mike.hickey@state.co.us

API Number 05-123-18931-00

Well Name: BARB LTD

Well Number: 30-15

Location: QtrQtr: SWSE Section: 30 Township: 1N Range: 68W 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: 40.016603

Longitude: -105.043949

GPS Data:

Date of Measurement: 02/05/2008

PDOP Reading: 2.7

GPS Instrument Operator's Name: PAT LINDERHOLM

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 below

Wellbore 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
CODELL	CODL	8005	8017			
NIOBRARA	NBRR	7576	7885			

Total: 2 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	738	330	738	0	CBL
1ST	7+7/8	4+1/2	11.6	8,131	540	8,131	3,814	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7525 with 7 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 800 ft. with 200 sacks. Leave at least 100 ft. in casing 875 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 7 sacks half in. half out surface casing from 675 ft. to 775 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:

PxA Procedure

1. Per COGCC requirements, provide 48 hour notice of MIRU to Mike Hickey at 970-302-1024 or e-mail at Mike.Hickey@state.co.us.
2. Hold pre-job safety meeting. Identify any safety concerns and discuss prior to beginning job.
3. MIRU pulling unit. Blow down well.
4. POOH w/ tubing and plunger.
5. MIRU wireline crew.
6. PU 10K CIBP and set @ 7525'.
7. RIH w/tubing. Spot cement plug on CIBP to 7425' (7 sxs – 100' fill).
8. Circulate hole full of 9 ppg mud.
9. POOH w/ tubing.
10. MIRU wireline unit.
11. RIH w/ squeeze guns. Shoot 4 squeeze holes @ 800'. Set retainer at 875'
12. Sting into retainer. Test injectivity. If able to circulate to surface, pump cement until cement at surface (~200 sxs). If unable to circulate, pump 100 sx cement.
13. Spot cement on retainer from 675' – 775' (7 sxs – 100' fill).
14. Tag cement plug and record depth in Wellcore. Notify engineer if top of cement is lower than 688'.
15. Spot plug from 150' to surface.
16. Cut off casing 20' below ground level and weld on plate. (NOTE: Follow OSHA trenching rules and shoring guidelines to cut casing).

Cement Detail:

50/50 Pozmix cement
Slurry volume: 1.26 ft³ per sack
Slurry weight: 14.15 lb per gal
Compressive strength: 815 psi in 24 hrs, 1460 psi in 72 hrs.

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

Signed: _____ Print Name: JENNIFER LIND
Title: REGULATORY ANALYST Date: _____ Email: JENNIFER.LIND@ENCANA.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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: _____

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Attachment Check List

Att Doc Num	Name
400325141	WELLBORE DIAGRAM
400325142	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

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

Total: 0 comment(s)