

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:

## 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: Christopher Simmons

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

Phone: (720) 876-3448

Address: 370 17TH ST STE 1700

Fax:

City: DENVER

State: CO

Zip: 80202-

Email: Christopher.Simmons@encana.com

For "Intent" 24 hour notice required,

Name: Granahan, Kyle

Tel: (970) 989-4388

COGCC contact:

Email: kyle.granahan@state.co.us

API Number 05-103-09623-00

Well Name: HH

Well Number: 9107

Location: QtrQtr: NWNW Section: 11 Township: 2S Range: 104W Meridian: 6

County: RIO BLANCO

Federal, Indian or State Lease Number: 45216

Field Name: HELLS HOLE CANYON

Field Number: 34175

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.892356

Longitude: -109.042490

GPS Data:

Date of Measurement: 12/18/2006

PDOP Reading: 1.8

GPS Instrument Operator's Name: BEN JOHNSON

Reason for Abandonment:

☐ Dry☒ Production 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

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
SURF	12+1/4	8+5/8	24	870				
1ST	8+5/8	4+1/2	11.6	7,394				

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6704 with 10 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 <u>10</u> sks cmt from <u>6704</u> ft. to <u>6576</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>10</u> sks cmt from <u>3748</u> ft. to <u>3620</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>50</u> sks cmt from <u>920</u> ft. to <u>820</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>20</u> sks cmt from <u>90</u> ft. to <u>0</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 920 ft. with 20 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 \_\_\_\_\_ 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:

Procedure:

1. Hold a pre-job safety meeting. Discuss all aspects of the procedure with any involved personnel. Identify and address any safety concerns before the job begins.
2. MIRU pulling unit.
3. ND wellhead, NU BOP.
4. Load hole.
5. TOH w/ tubing.
6. RIH with wireline and set Cement retainer set at 6704 ft. 50 feet above the top perfs @ 6754'. ROH w/ wireline.
7. TIH w/ tubing and sting into retainer @ 6704'
8. Mix & pump 20 sacks (4 barrels) cement below cement retainer @ 6704'. Sting out of retainer and pump additional 10 sacks (2 bbls.) of cement on top of the retainer. Calculated TOC @ 6576'
9. TOH w/ laying down to 3748'
10. Mix and pump 10 sacks (2 bbls.) cement balance plug to split the open casing volume between plugs @ retainer top and surface shoe. 3748' to 3620'.
11. TOH w/ tubing laying down. Stand back 920'.
12. RU wireline & RIH w/ perf gun & shoot perfs @ 920'. 50 feet below the surface casing shoe @ 870'. ROH w/ wireline, RD & release.
13. TIH w/ tubing to 920'.
14. Mix & pump 50 sacks ( 10 barrels) cement from 920' to 820'. This will put us 50 feet below the surface shoe & 50 feet into the 8 5/8" casing annular.
15. TOH w/ tubing & stand back. WOC. Verify TOC w/ hard tag after 24 hours.
16. Dig down around wellhead 4' below ground level. Cut casing off.
17. Run 1" to a minimum of 50' into the 8 5/8" X 4 1/2" annular & into the 4 1/2" production casing & fill to surface w/ cement. Estimated cement volume @ 20 to 25 sacks (4 to 5 barrels) total.
18. Install information plate w/ weep hole. Backfill hole. Turn over to reclamation group for total reclaim.
19. RD service rig & equipment. Move to next job.

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

Signed: \_\_\_\_\_ Print Name: Christopher Simmons  
Title: Regulatory Analyst Date: \_\_\_\_\_ Email: Christopher.Simmons@enana.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: \_\_\_\_\_

COA Type	Description

**Attachment Check List**

Att Doc Num	Name
400981856	PROPOSED PLUGGING PROCEDURE

Total Attach: 1 Files

### General Comments

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

Total: 0 comment(s)