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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 & 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 Number: 9107  
 Well Name: HH  
 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  
 Other \_\_\_\_\_  
 Casing 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 10 sks cmt from 6704 ft. to 6576 ft. Plug Type: CASING Plug Tagged:   
Set 10 sks cmt from 3748 ft. to 3620 ft. Plug Type: CASING Plug Tagged:   
Set 50 sks cmt from 920 ft. to 820 ft. Plug Type: CASING Plug Tagged:   
Set 20 sks cmt from 90 ft. to 0 ft. Plug Type: CASING Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

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**

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

Total: 0 comment(s)