

**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.

Document Number:  
400779843

Date Received:  
02/04/2015

OGCC Operator Number: 100185 Contact Name: Toby Sachen  
 Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-5845  
 Address: 370 17TH ST STE 1700 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202- Email: toby.sachen@encana.com

**For "Intent" 24 hour notice required,** Name: Montoya, John Tel: (970) 397-4124  
 Email: john.montoya@state.co.us

**COGCC contact:** \_\_\_\_\_

API Number 05-123-05071-00 Well Number: 1  
 Well Name: RUHL  
 Location: QtrQtr: SENW Section: 20 Township: 2N Range: 64W 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: 40.125770 Longitude: -104.577481  
 GPS Data:  
 Date of Measurement: 10/17/2014 PDOP Reading: 2.2 GPS Instrument Operator's Name: Chris Bettencourt  
 Reason for Abandonment:  Dry     Production Sub-economic     Mechanical Problems  
 Other Re-enter to Re-Plug  
 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	10+3/4	32.75	199	175	199	0	VISU
OPEN HOLE	7+7/8			1,098				

## 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 150 sks cmt from 1096 ft. to 274 ft. Plug Type: CASING Plug Tagged:   
 Set 112 sks cmt from 274 ft. to 0 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 \_\_\_\_\_ 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 \_\_\_\_\_ 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: 10/11/2014  
 \*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: Basic Energy Services  
 Type of Cement and Additives Used: \_\_\_\_\_  
 Flowline/Pipeline has been abandoned per Rule 1103  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

Re-enter to replug.  
  
 Ruhl 1 Post-job Summary – P&A  
 TIH and tag cmt in surf csg @ 45'. Drill out to 1136'. Attempted to drill ahead and lost circulation with drilling mud returns discovered outside of surface casing 39 feet from rig. COGCC confirmed Fox Hills was reached and approved cement to surface. Pumped 150 sx "G" cmt @ 1096'. RIH and tagged cmt @ 274'. Pumped 112 sx cmt to surface. Cut off surf csg 7' below GL. Weld on DH marker plate. Fill hole in.

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

Signed: \_\_\_\_\_ Print Name: Toby Sachen  
 Title: Regulatory Analyst Date: 2/4/2015 Email: toby.sachen@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: George, Travis Date: 1/12/2016

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

COA Type	Description

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400779843	FORM 6 SUBSEQUENT SUBMITTED
400786543	CEMENT JOB SUMMARY
400786547	CEMENT JOB SUMMARY
400786554	WELLBORE DIAGRAM

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Passed completeness.	1/12/2016 8:19:05 AM

Total: 1 comment(s)