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Document Number:  
400503610

Date Received:  
10/29/2013

**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: 100185 Contact Name: Heather Mitchell  
 Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-3070  
 Address: 370 17TH ST STE 1700 Fax: (720) 876-4070  
 City: DENVER State: CO Zip: 80202- Email: Heather.Mitchell@encana.com

**For "Intent" 24 hour notice required,** Name: LONGWORTH, MIKE Tel: (970) 812-7644  
**COGCC contact:** Email: mike.longworth@state.co.us

API Number 05-045-20519-00 Well Number: 31-2CC (PF31)  
 Well Name: Federal  
 Location: QtrQtr: SENW Section: 31 Township: 7S Range: 95W Meridian: 6  
 County: GARFIELD Federal, Indian or State Lease Number: COC27823  
 Field Name: PARACHUTE Field Number: 67350

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 39.394932 Longitude: -108.043442  
 GPS Data:  
 Date of Measurement: 05/25/2010 PDOP Reading: 2.8 GPS Instrument Operator's Name: Brian Taggart  
 Reason for Abandonment:  Dry  Production for Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Estimated Depth: 1679  
 Fish in Hole:  Yes  No If yes, explain details below  
 Wellbore has Uncemented Casing leaks:  Yes  No If yes, explain details below  
 Details: BHA stuck on a trip resulting in fishing operations that were unsuccessful. Top of fish 1521'

**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	20	16	65	82	118	82	0	VISU
OPEN HOLE	12+1/4			1,710				

## 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 1505 sks cmt from 1474 ft. to 0 ft. Plug Type: OPEN HOLE Plug Tagged:   
 Set 50 sks cmt from 40 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: \_\_\_\_\_  
 \*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:

Encana received verbal approval from Kevin King to plug this surface hole on 10.26.13  
 This document is the proposed procedure  
 Procedure:

1. Back off jarring assembly at circulating sub - XO sub connection with wireline.
2. TOO, rack back HWDP
3. Lay down jarring tools and verify all components are present
4. P/U & M/U DP stands until cementers are on location
5. RIH open ended to as close to 1521' MD (top of fish) as practical - I figured 33 joints of DP leaves us spaced out for the cement head with the pipe at approx. 1485' MD.
6. Circulate 2x BU minimum
7. Pump 20 bbls H2O followed by 310 bbls (1505 sxs) of 15.8# G cement
8. TOO with DP
9. P/U 2 joints of 1.9" tubing to top out the wellbore. Fluid level should drop approximately 40' due to pipe displacement.
10. Pump approximately 10 bbls of extra G cement to fill well.
11. Rig down cementers, cover cellar, and skid rig to Federal 31-2C.

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

Signed: \_\_\_\_\_ Print Name: Heather Mitchell  
 Title: Regulatory Analyst Date: 10/29/2013 Email: heather.mitchell@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: KRABACHER, JAY

Date: 11/1/2013

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

Expiration Date: 4/30/2014

**COA Type**

**Description**

COA Type	Description

**Attachment Check List**

**Att Doc Num**

**Name**

2622682	Wellbore Diagram Before Plugging
2622683	Wellbore Diagram After Plugging
400503610	FORM 6 INTENT SUBMITTED
400503747	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Permit	Pass Permitting: Requesting before and after plugging WBD and will attach them when received. Received 10/30/13.	10/30/2013 8:10:31 AM
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Total: 1 comment(s)