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400868585

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: Erin Lind  
 Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-5827  
 Address: 370 17TH ST STE 1700 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202- Email: erin.lind@encana.com

**For "Intent" 24 hour notice required,** Name: Peterson, Tom Tel: (303) 815-9641  
**COGCC contact:** Email: tom.peterson@state.co.us

API Number 05-123-15109-00 Well Number: 2-23  
 Well Name: BERGER  
 Location: QtrQtr: NWNE Section: 23 Township: 2N 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: 40.128724 Longitude: -104.966709  
 GPS Data:  
 Date of Measurement: 04/09/2010 PDOP Reading: 3.8 GPS Instrument Operator's Name: bstoeppel  
 Reason for Abandonment:  Dry  Production for 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
J SAND	7921	7969			
Total: 1 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	610	430	600	0	
2ND	7+7/8	4+1/2	11.6	8,085	530	8,085	600	

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7850 with 4 sacks cmt on top. CIBP #2: Depth 640 with 190 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 35 sks cmt from 7000 ft. to 7420 ft. Plug Type: CASING Plug Tagged:   
Set 20 sks cmt from 4500 ft. to 4700 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 630 ft. with 0 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. Submit electronic Form 42 to COGGC 48 hours prior to MIRU.
2. Prepare for Ground Disturbance and submit for One Call.
3. Notify Automation and Production Department.
4. RU Slick line, pull standing valve and plunger, and run Gyro to EOT @ 7914'.
5. RU flowback and bleed off pressure and flare if needed.
6. 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.
7. MIRU pulling unit. Kill well with produced water.
8. ND wellhead, NU BOP.
9. Un-land Tubing.
10. POOH with tubing.
11. RU E-line. Run gauge ring.
12. RIH and set CIBP #1 @ 7850' (71' above top J Sand perforation). Ensure that CIBP is set in the middle of the joint of casing, load hole, and pressure test plug to 500 psi.
13. RIH and dump bail 4 sxs of Class G Neat cement on top of CIBP (50' of cement).
14. RIH with tubing and pump balanced plug #1 with 35 sxs Class G cement from ~7000'-7420'.
15. RIH with tubing and pump balanced plug #2 with 20 sxs Class G cement from ~4500'-4700'.
16. POOH with tubing. Reverse circulate to clear tubing and lay down.
17. RIH with wireline and set CIBP #3 @ 640'. Pressure test plug to 500 psi.
18. Shoot squeeze holes @ 630'.
19. Circulate class G cement to surface (total volume is ~190 sxs). Shut-in, WOC 4 hours and tag plug.
20. Top off both casing and annulus if necessary.
21. ND BOP, RDMO pulling unit.
22. Cut off casing 4' below ground level.
23. Weld on metal plate and dry hole marker.
24. Notify Integrity Department to properly abandon flowlines as per Rule 1103. File electronic Form 6 once abandonment is complete.
25. Restore surface location.
26. Ensure all cement tickets are mailed or emailed to the Denver office for subsequent reporting.

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

Signed: \_\_\_\_\_ Print Name: Erin Lind  
Title: Regulatory Analyst Date: \_\_\_\_\_ Email: erin.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: \_\_\_\_\_

## Attachment Check List

**Att Doc Num**

**Name**

400868617

WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

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

Total: 0 comment(s)