

**FORM**  
**6**

Rev  
12/05

**State 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: <u>100185</u>	Contact Name: <u>Toby Sachen</u>
Name of Operator: <u>ENCANA OIL &amp; GAS (USA) INC</u>	Phone: <u>(720) 876-5845</u>
Address: <u>370 17TH ST STE 1700</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202-</u>	Email: <u>toby.sachen@encana.com</u>
<b>For "Intent" 24 hour notice required,</b> Name: <u>Peterson, Tom</u> Tel: <u>(303) 815-9641</u>	
<b>COGCC contact:</b> Email: <u>tom.peterson@state.co.us</u>	

API Number <u>05-123-08493-00</u>	Well Number: <u>1</u>
Well Name: <u>NELSON</u>	
Location: QtrQtr: <u>NESW</u> Section: <u>23</u> Township: <u>2N</u> Range: <u>68W</u> Meridian: <u>6</u>	
County: <u>WELD</u> Federal, Indian or State Lease Number: _____	
Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u>	

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 40.120557 Longitude: -104.974449

GPS Data:  
Date of Measurement: 04/12/2010 PDOP Reading: 4.5 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: 8095

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	7936	7963			
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	425	375	425	0	
1ST	7+7/8	4+1/2	11.6	8,093	250	8,093		

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7870 with 4 sacks cmt on top. CIBP #2: Depth 600 with 180 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 7025 ft. to 7425 ft. Plug Type: CASING Plug Tagged:   
Set 20 sks cmt from 4100 ft. to 4350 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 4400 ft. with 70 sacks. Leave at least 100 ft. in casing 4350 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 and pull standing valve and plunger.
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 @ 7870' (66' 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. Run conventional CBL from CIBP to surface. Call Production Engineer after CBL to confirm top of cement @ 719-859-4942 and receive path forward.
14. RIH and dump bail 4 sxs of Class G Neat cement on top of CIBP (50' of cement).
15. RIH with tubing and pump balanced plug #1 with 35 sxs Class G cement from ~7025'-7425'.
16. POOH with tubing from 7025'. Reverse circulate to clear tubing.
17. RIH and shoot squeeze holes @ 4400'. Run injection test. If unable to establish injection, call Production Engineer @ 719-859-4942.
18. RIH with wireline and set CICR @ 4350'.
19. RIH with tubing. Check circulation through stinger and sting into CICR.
20. Attempt to establish injection. If unable to establish injection, call Production Engineer @ 719-859-4942 for path forward.
21. Pump 70 sxs of Class G cement. Sting out. Reverse circulate to clear tubing.
22. POOH with tubing.
23. Ensure hole is full. Run conventional CBL from CICR to 4000'. Call Production Engineer after CBL to confirm @ 719-859-4942.
24. RIH with tubing.
25. Pump balanced plug #2 against CICR with 20 sxs of Class G cement from ~4100'-4350'.

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: \_\_\_\_\_ 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: \_\_\_\_\_ Date: \_\_\_\_\_

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

## Attachment Check List

**Att Doc Num**

**Name**

400867104	PROPOSED PLUGGING PROCEDURE
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400867105	WELLBORE DIAGRAM
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Total Attach: 2 Files

## General Comments

**User Group**

**Comment**

**Comment Date**

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

Total: 0 comment(s)