

FORM  
5A

Rev  
06/12

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400573715

Date Received:

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 100185  
2. Name of Operator: ENCANA OIL & GAS (USA) INC  
3. Address: 370 17TH ST STE 1700  
City: DENVER State: CO Zip: 80202-  
4. Contact Name: Erin Lind  
Phone: (720) 876-5827  
Fax:  
Email: erin.lind@encana.com

5. API Number 05-123-37106-00  
6. County: WELD  
7. Well Name: Billings  
Well Number: 1A-34H  
8. Location: QtrQtr: NWNE Section: 34 Township: 2N Range: 68W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/24/2014 End Date: 01/29/2014 Date of First Production this formation: 02/22/2014

Perforations Top: 7976 Bottom: 12018 No. Holes: 810 Hole size: 0.41

Provide a brief summary of the formation treatment: Open Hole: ☒

Stage 2 - Stage 28 treated with a total of: 89,228 bbls of Borate Crosslink Gel (Chem Rock), 2,870 bbls of Pump Down No Chemicals, 5,993,656 lbs of 30/50 Proppant

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl): 92098 Max pressure during treatment (psi): 7717

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment: Min frac gradient (psi/ft): 0.85

Total acid used in treatment (bbl): Number of staged intervals: 27

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 2349

Fresh water used in treatment (bbl): Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 5993656 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 03/01/2014 Hours: 24 Bbl oil: 315 Mcf Gas: 766 Bbl H2O: 1897

Calculated 24 hour rate: Bbl oil: 315 Mcf Gas: 766 Bbl H2O: 1897 GOR: 2432

Test Method: Flows from well Casing PSI: 2100 Tubing PSI: 1756 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1298 API Gravity Oil: 50

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7843 Tbg setting date: 01/31/2014 Packer Depth:

Reason for Non-Production:

Date formation Abandoned: Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

\*\* Bridge Plug Depth: \*\* Sacks cement on top: \*\* Wireline and Cement Job Summary must be attached.

Comment:

The toe valve was not fraced, frac work started at stg 2 ( the first set of 3 perforation clusters).  
The deepest perforation cluster is 75 ft above calculated BOC (bottom of cement) and 200 ft above SB with 75' cement for isolation.  
This is not a SB violation since mechanical isolation is present.

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: PERMITTING ANALYST \_\_\_\_\_

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

Email ERIN.LIND@ENCANA.COM \_\_\_\_\_

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### **Attachment Check List**

**Att Doc Num**      **Name**

400573879	WELLBORE DIAGRAM
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Total Attach: 1 Files

### **General Comments**

**User Group**      **Comment**

**Comment Date**

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Total: 0 comment(s)