

FORM  
5ARev  
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:

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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: Chris McRickard  
Phone: (720) 876-5586  
Fax: (720) 876-6584  
Email: chris.mcrickard@encana.com

5. API Number 05-123-40280-00  
6. County: WELD  
7. Well Name: Ruhl  
Well Number: 1K-32H-B264  
8. Location: QtrQtr: NWNE Section: 32 Township: 2N Range: 64W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

## Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/27/2015 End Date: 04/30/2015 Date of First Production this formation:

Perforations Top: 7525 Bottom: 11468 No. Holes: 729 Hole size: 0.38

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

All formations produced were Niobrara. Total fluids of 66,619 bbls comprised of fresh water, recycled water, additives & acid. Total of 4,759,040 lbs of 40/70 sand pumped.

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

Total fluid used in treatment (bbl): 66619

Max pressure during treatment (psi): 8835

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): 0.95

Total acid used in treatment (bbl): 678

Number of staged intervals: 27

Recycled water used in treatment (bbl): 10889

Flowback volume recovered (bbl): 10889

Fresh water used in treatment (bbl):

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4759040

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 06/23/2015 Hours: 24 Bbl oil: 60 Mcf Gas: 53 Bbl H2O: 369

Calculated 24 hour rate: Bbl oil: 60 Mcf Gas: 53 Bbl H2O: 369 GOR: 883

Test Method: Flowing Casing PSI: 1481 Tubing PSI: 942 Choke Size: 14

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

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7166 Tbg setting date: 05/16/2015 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:

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

Signed: \_\_\_\_\_

Print Name: Chris McRickard

Title: Regulatory Analyst

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

Email: chris.mcrickard@encana.com

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### Attachment Check List

**Att Doc Num**

**Name**

400853866

WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)