

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



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Document Number:

400850731

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 05-123-40275-00

7. Well Name: Ruhl

6. County: WELD

Well Number: 11-32H-B264

8. Location: QtrQtr: NWNE Section: 32 Township: 2N Range: 64W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

## Completed Interval

FORMATION: NIOBRARA-FORT HAYS-CODELL-CARLILE Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/30/2015 End Date: 05/04/2015 Date of First Production this formation:

Perforations Top: 7604 Bottom: 11418 No. Holes: 810 Hole size: 0.38

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

Niobrara: 8,217'-9,108'. Ft. Hayes: 8,121'-8,217' & 9,108'-9,696'. Codell: 7,586'-7,671' & 8,005'-8,121' & 9,696'-9,777' & 10,492'-10,738'. Carlile: 7,671'-8,005' & 9,777'-10,492'. Total fluids of 46,276 bbls of fresh water, recycled water, additives & acid. 2,30,540 lbs of 40/70 sand.

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

Total fluid used in treatment (bbl): 46276

Max pressure during treatment (psi): 8819

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): 0.97

Total acid used in treatment (bbl): 154

Number of staged intervals: 26

Recycled water used in treatment (bbl): 901

Flowback volume recovered (bbl): 901

Fresh water used in treatment (bbl): 45221

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 2306540

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: 73 Mcf Gas: 85 Bbl H2O: 385

Calculated 24 hour rate: Bbl oil: 73 Mcf Gas: 85 Bbl H2O: 385 GOR: 1164

Test Method: Flowing Casing PSI: 1825 Tubing PSI: 1070 Choke Size: 14

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

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7233 Tbg setting date: 05/15/2015 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:

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

## Attachment Check List

Att Doc Num Name

400853853 WELLBORE DIAGRAM

Total Attach: 1 Files

## General Comments

User Group Comment Comment Date

Total: 0 comment(s)