

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

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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: Kelly Hamden  
Phone: (720) 876-5185  
Fax: (720) 876-6185  
Email: Kelly.Hamden@encana.com

5. API Number 05-045-22005-00  
6. County: GARFIELD  
7. Well Name: Hagen Federal  
Well Number: 15-16C (PC22)  
8. Location: QtrQtr: NENW Section: 22 Township: 7S Range: 95W Meridian: 6  
9. Field Name: PARACHUTE Field Code: 67350

## Completed Interval

FORMATION: WILLIAMS FORK Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/29/2013 End Date: 12/12/2013 Date of First Production this formation: 12/31/2013

Perforations Top: 6400 Bottom: 8371 No. Holes: 189 Hole size: 0.38

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

Stage 1 - Stage 7 treated with a total of: 109,143 bbls of Slickwater (BWS).

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

Total fluid used in treatment (bbl): 109143 Max pressure during treatment (psi): 1344

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.40

Type of gas used in treatment: Min frac gradient (psi/ft): 0.63

Total acid used in treatment (bbl): Number of staged intervals: 7

Recycled water used in treatment (bbl): 109143 Flowback volume recovered (bbl):

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

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

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 01/06/2014 Hours: 24 Bbl oil: 0 Mcf Gas: 1546 Bbl H2O: 576

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1546 Bbl H2O: 576 GOR: 0

Test Method: Flows from well Casing PSI: 1800 Tubing PSI: 1050 Choke Size: 28/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1170 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7691 Tbg setting date: 12/30/2013 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: Kelly Hamden

Title: Permitting Analyst Date: \_\_\_\_\_ Email: Kelly.Hamden@encana.com  
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### Attachment Check List

Att Doc Num      Name

400547868	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)