

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns 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: Marina Ayala Phone: (720) 876-5905 Fax: (720) 876-6905

5. API Number 05-045-20409-00 6. County: GARFIELD 7. Well Name: HMU Federal Well Number: 21-1B (J16W) 8. Location: QtrQtr: NWSE Section: 16 Township: 7S Range: 93W Meridian: 6 9. Field Name: MAMM CREEK Field Code: 52500

Completed Interval

FORMATION: ROLLINS Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/25/2012 End Date: 07/31/2012 Date of First Production this formation: 10/23/2012

Perforations Top: 10398 Bottom: 10663 No. Holes: 54 Hole size: 0.38

Provide a brief summary of the formation treatment: Open Hole: [ ]

Stages 1-2 treated with a total of: 19,095 bbls of Slcikwater.

This formation is commingled with another formation: [ ] Yes [X] No

Total fluid used in treatment (bbl): 19095 Max pressure during treatment (psi): 6455 Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.50 Type of gas used in treatment: Min frac gradient (psi/ft): 0.82 Total acid used in treatment (bbl): 0 Number of staged intervals: 9 Recycled water used in treatment (bbl): 19095 Flowback volume recovered (bbl): 3617 Fresh water used in treatment (bbl): 0 Disposition method for flowback: RECYCLE Total proppant used (lbs): 0 Rule 805 green completion techniques were utilized: [X]

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/30/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 2557 Bbl H2O: 452 Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 2557 Bbl H2O: 452 GOR: 0 Test Method: Flowing Casing PSI: 2050 Tubing PSI: 850 Choke Size: 36/64 Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1170 API Gravity Oil: 0 Tubing Size: 2 + 3/8 Tubing Setting Depth: 10396 Tbg setting date: 09/13/2012 Packer Depth: 0

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.

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

Treatment Date: 07/25/2012 End Date: 07/31/2012 Date of First Production this formation: \_\_\_\_\_  
Perforations Top: 7960 Bottom: 9865 No. Holes: 189 Hole size: 0.38

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Stages 3-9 treated with a total of: 68,333 bbls of Slickwater.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 68333 Max pressure during treatment (psi): 6455  
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.50  
Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.82  
Total acid used in treatment (bbl): 0 Number of staged intervals: 9  
Recycled water used in treatment (bbl): 68333 Flowback volume recovered (bbl): 3617  
Fresh water used in treatment (bbl): 0 Disposition method for flowback: RECYCLE  
Total proppant used (lbs): 0 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: 10/30/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 2257 Bbl H2O: 452  
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 2257 Bbl H2O: 452 GOR: 0  
Test Method: Flowing Casing PSI: 2050 Tubing PSI: 850 Choke Size: 36/64  
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1170 API Gravity Oil: 0  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 10397 Tbg setting date: 09/13/2012 Packer Depth: 0

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: Marina Ayala  
Title: Permitting Technician Date: \_\_\_\_\_ Email: marina.ayala@encana.com

**Attachment Check List**

Att Doc Num	Name
400356334	WELLBORE DIAGRAM

Total Attach: 1 Files

**General Comments**

User Group	Comment	Comment Date

Total: 0 comment(s)