

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:

400528157

Date Received:

12/17/2013

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 05-045-20587-00  
6. County: GARFIELD  
7. Well Name: MCU  
Well Number: 16-13CC (M16W)  
8. Location: QtrQtr: SWSW Section: 16 Township: 7S Range: 93W Meridian: 6  
9. Field Name: MAMM CREEK Field Code: 52500

Completed Interval

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

Treatment Date: 10/14/2013 End Date: 11/05/2013 Date of First Production this formation: 11/22/2013

Perforations Top: 7982 Bottom: 9801 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: 101,143 bbls of Slickwater (BWS).

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

Total fluid used in treatment (bbl): 101143 Max pressure during treatment (psi): 2075

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): 0.71

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

Recycled water used in treatment (bbl): 101143 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: 12/01/2013 Hours: 24 Bbl oil: 0 Mcf Gas: 1162 Bbl H2O: 318

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1162 Bbl H2O: 318 GOR: 0

Test Method: Flows from well Casing PSI: 2500 Tubing PSI: 640 Choke Size: 42/64

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

Tubing Size: 2 + 3/8 Tubing Setting Depth: 9340 Tbg setting date: 11/19/2013 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:

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: 12/17/2013

Email: Kelly.Hamden@encana.com

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### **Attachment Check List**

**Att Doc Num**

**Name**

400528157	FORM 5A SUBMITTED
400528165	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

**User Group**

**Comment**

**Comment Date**

Permit	Passes Permitting.	1/6/2014 8:48:38 AM
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Total: 1 comment(s)