

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: 10071 4. Contact Name: Megan Finnegan
2. Name of Operator: BARRETT CORPORATION\* BILL Phone: (303) 299-9949
3. Address: 1099 18TH ST STE 2300 City: DENVER State: CO Zip: 80202 Fax: (303) 291-0420

5. API Number 05-045-21253-00 6. County: GARFIELD
7. Well Name: GGU Well Number: 11C-31-691
8. Location: QtrQtr: SWSW Section: 30 Township: 6S Range: 91W Meridian: 6
9. Field Name: MAMM CREEK Field Code: 52500

Completed Interval

FORMATION: ROLLINS-WILLIAMS FORK Status: COMMINGLED Treatment Type: FRACTURE STIMULATION
Treatment Date: 07/02/2013 End Date: 07/14/2012 Date of First Production this formation: 07/14/2012
Perforations Top: 4243 Bottom: 7190 No. Holes: 192 Hole size: 0.34
Provide a brief summary of the formation treatment: Open Hole:
This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 56409 Max pressure during treatment (psi): 6336
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.39
Type of gas used in treatment: Min frac gradient (psi/ft): 6336.00
Total acid used in treatment (bbl): 160 Number of staged intervals: 8
Recycled water used in treatment (bbl): 56409 Flowback volume recovered (bbl): 34387
Fresh water used in treatment (bbl): 0 Disposition method for flowback: RECYCLE
Total proppant used (lbs): 1228710 Rule 805 green completion techniques were utilized:
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:
Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:
Test Method: Casing PSI: Tubing PSI: Choke Size:
Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:
Tubing Size: Tubing Setting Depth: Tbg setting date: 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.

FORMATION: ROLLINS Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/02/2012 End Date: 07/02/2012 Date of First Production this formation: 07/14/2012

Perforations Top: 7094 Bottom: 7190 No. Holes: 8 Hole size: 0.34

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

Treated with Williams Fork. See Williams Fork Treatment Summary.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

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

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

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

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

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

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: 07/25/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 69 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 69 Bbl H2O: 0 GOR: 0

Test Method: Flowing Casing PSI: 1350 Tubing PSI: 800 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1152 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5719 Tbg setting date: 07/24/2012 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.

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

Treatment Date: 07/02/2012 End Date: 07/14/2012 Date of First Production this formation: 07/14/2012  
Perforations Top: 4243 Bottom: 7076 No. Holes: 184 Hole size: 0.34

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

1,088,561 lbs 20/40 White Sand, 140,149 CRC Sand, 57,745 bbls Slickwater

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

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

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

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

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

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

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: 07/25/2012 Hours: 24 Bbl oil: 27 Mcf Gas: 1301 Bbl H2O: 330

Calculated 24 hour rate: Bbl oil: 27 Mcf Gas: 1301 Bbl H2O: 330 GOR: 48185

Test Method: Flowing Casing PSI: 1350 Tubing PSI: 800 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1152 API Gravity Oil: 52

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5713 Tbg setting date: 07/24/2012 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: \_\_\_\_\_  
First perf/frac stage is in both WMFK and RLNS formations. Frac data can not be separated by formation.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.  
Signed: \_\_\_\_\_ Print Name: Megan Finnegan  
Title: Permit Analyst Date: \_\_\_\_\_ Email: mfinnegan@billbarrettcorp.com

**Attachment Check List**

| Att Doc Num | Name             |
|-------------|------------------|
| 400335031   | WELLBORE DIAGRAM |

Total Attach: 1 Files

**General Comments**

| User Group | Comment | Comment Date |
|------------|---------|--------------|
|            |         |              |

Total: 0 comment(s)