

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



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: Julie Webb
2. Name of Operator: BARRETT CORPORATION\* BILL Phone: (303) 312-8714
3. Address: 1099 18TH ST STE 2300 Fax: (303) 291-0420
City: DENVER State: CO Zip: 80202

5. API Number 05-045-20869-00 6. County: GARFIELD
7. Well Name: FEDERAL Well Number: 14B-34-691
8. Location: QtrQtr: SESE Section: 33 Township: 6S Range: 91W Meridian: 6
9. Field Name: MAMM CREEK Field Code: 52500

Completed Interval

FORMATION: COZZETTE Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/11/2012 End Date: 10/11/2012 Date of First Production this formation: 10/19/2012

Perforations Top: 8718 Bottom: 8881 No. Holes: 12 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: [X] 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: 11/02/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 35 Bbl H2O: 0
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 35 Bbl H2O: 0 GOR: 0
Test Method: Flowing Casing PSI: 1425 Tubing PSI: 650 Choke Size: 24/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1138 API Gravity Oil: 0
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7590 Tbg setting date: 10/19/2012 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: CORCORAN Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/11/2012 End Date: 10/11/2012 Date of First Production this formation: 10/19/2012  
Perforations Top: 8928 Bottom: 8956 No. Holes: 10 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: 11/02/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 35 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 35 Bbl H2O: 0 GOR: 0

Test Method: Flowing Casing PSI: 1425 Tubing PSI: 650 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1138 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7590 Tbg setting date: 10/19/2012 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: ROLLINS-WILLIAMS FORK Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/11/2012 End Date: 10/18/2012 Date of First Production this formation: 10/19/2012

Perforations Top: 6215 Bottom: 8956 No. Holes: 212 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): 57241 Max pressure during treatment (psi): 6926

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): 0.59

Total acid used in treatment (bbl): 166 Number of staged intervals: 8

Recycled water used in treatment (bbl): 57241 Flowback volume recovered (bbl): 36293

Fresh water used in treatment (bbl): 0 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1209864 Rule 805 green completion techniques were utilized:

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

**Fracture stimulations must be reported on [FracFocus.org](http://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: 10/12/2012 End Date: 10/12/2012 Date of First Production this formation: 10/19/2012  
Perforations Top: 8071 Bottom: 8248 No. Holes: 14 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: 11/02/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 35 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 35 Bbl H2O: 0 GOR: 0

Test Method: Flowing Casing PSI: 1425 Tubing PSI: 650 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1138 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7590 Tbg setting date: 10/19/2012 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: 10/11/2012 End Date: 10/18/2012 Date of First Production this formation: 10/19/2012  
Perforations Top: 6215 Bottom: 8036 No. Holes: 198 Hole size: 0.34

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

1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 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: 11/02/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 598 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 598 Bbl H2O: 0 GOR: 0

Test Method: Flowing Casing PSI: 1425 Tubing PSI: 650 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1138 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7590 Tbg setting date: 10/19/2012 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 stage for perf/frac is in both WMFK and RLNS so frac information cannot be seperated 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: Julie Webb  
Title: Permit Analyst Date: \_\_\_\_\_ Email: jwebb@billbarrettcorp.com

**Attachment Check List**

| Att Doc Num | Name             |
|-------------|------------------|
| 400345987   | WELLBORE DIAGRAM |

Total Attach: 1 Files

**General Comments**

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

Total: 0 comment(s)