

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:

400345925

Date Received:

11/26/2012

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

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: ☒ 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: <u>CORCORAN</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>10/11/2012</u>		End Date: <u>10/11/2012</u>		Date of First Production this formation: <u>10/19/2012</u>	
Perforations	Top: <u>8928</u>	Bottom: <u>8956</u>	No. Holes: <u>10</u>	Hole size: <u>0.34</u>	

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: <input type="checkbox"/>

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

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

**Test Information:**

Date: <u>11/02/2012</u>	Hours: <u>24</u>	Bbl oil: <u>0</u>	Mcf Gas: <u>35</u>	Bbl H2O: <u>0</u>
Calculated 24 hour rate:	Bbl oil: <u>0</u>	Mcf Gas: <u>35</u>	Bbl H2O: <u>0</u>	GOR: <u>0</u>
Test Method: <u>Flowing</u>	Casing PSI: <u>1425</u>	Tubing PSI: <u>650</u>	Choke Size: <u>24/64</u>	
Gas Disposition: <u>SOLD</u>	Gas Type: <u>WET</u>	Btu Gas: <u>1138</u>	API Gravity Oil: <u>0</u>	
Tubing Size: <u>2 + 3/8</u>	Tubing Setting Depth: <u>7590</u>	Tbg setting date: <u>10/19/2012</u>	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: <u>ROLLINS-WILLIAMS FORK</u>		Status: <u>COMMINGLED</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>10/11/2012</u>		End Date: <u>10/18/2012</u>		Date of First Production this formation: <u>10/19/2012</u>	
Perforations	Top: <u>6215</u>	Bottom: <u>8956</u>	No. Holes: <u>212</u>	Hole size: <u>0.34</u>	

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): <u>57241</u>	Max pressure during treatment (psi): <u>6926</u>
Total gas used in treatment (mcf): <u>0</u>	Fluid density at initial fracture (lbs/gal): <u>8.39</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.59</u>
Total acid used in treatment (bbl): <u>166</u>	Number of staged intervals: <u>8</u>
Recycled water used in treatment (bbl): <u>57407</u>	Flowback volume recovered (bbl): <u>36293</u>
Fresh water used in treatment (bbl): <u>0</u>	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>1209864</u>	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>

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: <u>ROLLINS</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>10/12/2012</u>		End Date: <u>10/12/2012</u>		Date of First Production this formation: <u>10/19/2012</u>	
Perforations	Top: <u>8071</u>	Bottom: <u>8248</u>	No. Holes: <u>14</u>	Hole size: <u>0.34</u>	

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: <input type="checkbox"/>

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

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

**Test Information:**

Date: <u>11/02/2012</u>	Hours: <u>24</u>	Bbl oil: <u>0</u>	Mcf Gas: <u>35</u>	Bbl H2O: <u>0</u>
Calculated 24 hour rate:	Bbl oil: <u>0</u>	Mcf Gas: <u>35</u>	Bbl H2O: <u>0</u>	GOR: <u>0</u>
Test Method: <u>Flowing</u>	Casing PSI: <u>1425</u>	Tubing PSI: <u>650</u>	Choke Size: <u>24/64</u>	
Gas Disposition: <u>SOLD</u>	Gas Type: <u>WET</u>	Btu Gas: <u>1138</u>	API Gravity Oil: <u>0</u>	
Tubing Size: <u>2 + 3/8</u>	Tubing Setting Depth: <u>7590</u>	Tbg setting date: <u>10/19/2012</u>	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: ☐

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: 11/26/2012 Email: jwebb@billbarrettcorp.com

**Attachment Check List**

Att Doc Num	Name
400345925	FORM 5A SUBMITTED
400345987	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

User Group	Comment	Comment Date
Permit	Operator reported to Frac Focus. Tops received 12/20/12	12/20/2012 8:02:17 AM
Permit	On hold for reporting to Frac Focus. WO Cozette and Corcoran tops.	12/6/2012 11:12:25 AM

Total: 2 comment(s)