

FORM 5A

Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

Document Number: 400593894

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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: Christina Hirtler Phone: (303) 312-8597 Fax: (303) 291-0420 Email: briley@billbarrettcorp.com

5. API Number 05-123-37925-00
6. County: WELD
7. Well Name: 70 Ranch Well Number: 4-63-3-4956CH
8. Location: QtrQtr: NWSW Section: 3 Township: 4N Range: 63W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/25/2014 End Date: 03/26/2014 Date of First Production this formation: 04/01/2014

Perforations Top: 6834 Bottom: 11002 No. Holes: 486 Hole size: 44/100

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

18 Stage Frac, 357,902 lbs of 40/70 White Sand, 3,767,875lbs of 20/40 sand, 20,158 bbls of Slickwater

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

Total fluid used in treatment (bbl): 56801 Max pressure during treatment (psi): 6646
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.34
Type of gas used in treatment: Min frac gradient (psi/ft): 0.83
Total acid used in treatment (bbl): Number of staged intervals: 18
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 5556
Fresh water used in treatment (bbl): 56801 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 4125777 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: 04/03/2014 Hours: 24 Bbl oil: 646 Mcf Gas: 282 Bbl H2O: 20
Calculated 24 hour rate: Bbl oil: 646 Mcf Gas: 282 Bbl H2O: 20 GOR: 436
Test Method: Flowing Casing PSI: 0 Tubing PSI: 600 Choke Size: 28/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1293 API Gravity Oil: 52
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6606 Tbg setting date: 04/15/2014 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:

Form 42 fracture treatment date was reported 3/18/2014. Actual treatment start date was 3/25/2014

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Christina Hirtler

Title: Permit Analyst Date: 4/24/2014 Email: briley@billbarrettcorp.com  
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### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400593894	FORM 5A SUBMITTED
400594543	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Corrected bottom of perf. interval per wellbore diagram and operator confirmation.	7/6/2015 2:21:35 PM

Total: 1 comment(s)