

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:

2170699

Date Received:

08/16/2012

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: 8960  
2. Name of Operator: BONANZA CREEK ENERGY OPERATING COMPANY  
3. Address: 410 17TH STREET SUITE #1400  
City: DENVER State: CO Zip: 80202

4. Contact Name: RUSSEL SCHUCKER  
Phone: (720) 440-6100  
Fax: (720) 279-2331

5. API Number 05-123-34910-00  
6. County: WELD  
7. Well Name: Antelope  
Well Number: N-17  
8. Location: QtrQtr: NESW Section: 17 Township: 5N Range: 62W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/27/2012 End Date: 03/27/2012 Date of First Production this formation:  
Perforations Top: 6664 Bottom: 6672 No. Holes: 32 Hole size: 40/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

CODELL PUMPED 32,634 GALS PAD FLUID. PUMPED 102,984 GALS OF SLF. PUMPED 246,250 LBS OF 30/50 OTTAWA SAND (1-4 PPG). FINAL ISDP= 3076 PSI. AVE. PRESS=3524 PSI. AVE. RATE= 22.1 BPM.

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

Total fluid used in treatment (bbl): 3450

Max pressure during treatment (psi): 4350

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 1.00

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.90

Total acid used in treatment (bbl): 12

Number of staged intervals: 2

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 1090

Fresh water used in treatment (bbl): 2769

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 246250

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: NIOBRARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/29/2012 End Date: 03/27/2012 Date of First Production this formation: 05/13/2012

Perforations Top: 6412 Bottom: 6672 No. Holes: 80 Hole size: 40/100

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](http://FracFocus.org)**

**Test Information:**

Date: 06/22/2012 Hours: 24 Bbl oil: 30 Mcf Gas: 15 Bbl H2O: 1

Calculated 24 hour rate: Bbl oil: 30 Mcf Gas: 15 Bbl H2O: 1 GOR: 505

Test Method: FLOWING Casing PSI: 1307 Tubing PSI: 411 Choke Size: 18/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1315 API Gravity Oil: 40

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6643 Tbg setting date: 04/10/2012 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: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION  
Treatment Date: 03/27/2012 End Date: 03/27/2012 Date of First Production this formation:  
Perforations Top: 6412 Bottom: 6566 No. Holes: 48 Hole size: 40/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

NIOBRARA PUMPED A TOTAL OF 20,622 GALS OF PAD FLUID. PUMPED 120,498 GALS OF SLF. PUMPED 259,400 LBS OF 30/50 OTTAWA SAND (1-4 PPG). FINAL ISDP= 2854 PSI. AVE. PRESS. = 3698 PSI. AVE. RATE= 48.7 BPM.

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

Total fluid used in treatment (bbl): 3139

Max pressure during treatment (psi): 4350

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 1.00

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.90

Total acid used in treatment (bbl): 12

Number of staged intervals: 3

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 1090

Fresh water used in treatment (bbl): 3754

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 235750

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.

Comment:

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

Signed: Print Name: ROBERT TUCKER  
Title: ENGINEERING TECH Date: 8/13/2012 Email: RTUCKER@BONANZACRK.COM

#### Attachment Check List

Att Doc Num	Name
2170699	FORM 5A SUBMITTED
2170700	WELLBORE DIAGRAM

Total Attach: 2 Files

#### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)