

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:

400408111

Date Received:

07/22/2013

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: Robert Tucker  
Phone: (720) 440-6100  
Fax:  
Email: rtucker@bonanzacrk.com

5. API Number 05-123-32854-00  
6. County: WELD  
7. Well Name: Antelope  
Well Number: I-31  
8. Location: QtrQtr: SENW Section: 31 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: 07/01/2012 End Date: 07/01/2012 Date of First Production this formation: 08/07/2012

Perforations Top: 6932 Bottom: 6942 No. Holes: 40 Hole size: 40/100

Provide a brief summary of the formation treatment: Open Hole: ☐

Pumped 3185 bbls of fluid with 245560 lbs 20/40 sand. ATP 3311, ATR 22.8, ISDP 3294

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

Total fluid used in treatment (bbl): 3185 Max pressure during treatment (psi): 3294

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): 0.88

Total acid used in treatment (bbl): 12 Number of staged intervals: 1

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 789

Fresh water used in treatment (bbl): 3173 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 246560 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: NIOBARRA-CODELL Status: PRODUCING Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_

Perforations Top: 6676 Bottom: 6942 No. Holes: 88 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**

**Test Information:**

Date: 09/05/2012 Hours: 72 Bbl oil: 128 Mcf Gas: 88 Bbl H2O: 39

Calculated 24 hour rate: Bbl oil: 43 Mcf Gas: 29 Bbl H2O: 13 GOR: 688

Test Method: FLOWING Casing PSI: 1154 Tubing PSI: 261 Choke Size: 0

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1311 API Gravity Oil: 43

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6880 Tbg setting date: 08/24/2012 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: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/01/2012 End Date: 07/01/2012 Date of First Production this formation: 08/07/2012

Perforations Top: 6676 Bottom: 6826 No. Holes: 48 Hole size: 40/100

Provide a brief summary of the formation treatment: Open Hole: ☐

Pumped 3263 bbls of fluid with 260280 lbs 20/40 sand. ATP 4008 , ATR 50.2, Final ISDP 3205

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

Total fluid used in treatment (bbl): 3263 Max pressure during treatment (psi): 3205

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): 0.92

Total acid used in treatment (bbl): 12 Number of staged intervals: 1

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 789

Fresh water used in treatment (bbl): 3251 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 260280 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: Operations Technician Date: 7/22/2013 Email: rtucker@bonanzacrk.com

### Attachment Check List

Att Doc Num	Name
400408111	FORM 5A SUBMITTED
400439468	WELLBORE DIAGRAM

Total Attach: 2 Files

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)