

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:

400342331

Date Received:

11/01/2012

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) 4406100  
Fax:

5. API Number 05-123-34906-00  
6. County: WELD  
7. Well Name: Antelope  
Well Number: D-17  
8. Location: QtrQtr: NWSW 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: 03/03/2012 End Date: 03/03/2012 Date of First Production this formation: 03/14/2012

Perforations Top: 6620 Bottom: 6630 No. Holes: 40 Hole size: 4/10

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

Codell pumped 32,508 gals of pad fluid. Pumped 102,270 gals of SLF. Pumped 239,600 lbs of 20/40 Ottawa sand (1-4ppg). Final ISDP=2707 psi. Ave press= 3025 psi. Ave rate= 22.8 bpm.

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

Total fluid used in treatment (bbl): 3209 Max pressure during treatment (psi): 5000

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 1.00

Type of gas used in treatment: Min frac gradient (psi/ft): 0.84

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

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 998

Fresh water used in treatment (bbl): 3197 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 239600 Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PIPELINE

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: Gas was flared at first, but hooked up to a pipeline now.

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: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 03/14/2012

Perforations Top: 6376 Bottom: 6630 No. Holes: 88 Hole size: 4/10

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: 04/12/2012 Hours: 24 Bbl oil: 45 Mcf Gas: 101 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 45 Mcf Gas: 101 Bbl H2O: 0 GOR: 2244

Test Method: flowing Casing PSI: 1356 Tubing PSI: 998 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: 6598 Tbg setting date: 03/19/2012 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: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION  
Treatment Date: 03/03/2012 End Date: 03/03/2012 Date of First Production this formation: 03/14/2012  
Perforations Top: 6376 Bottom: 6528 No. Holes: 48 Hole size: 4/10

Provide a brief summary of the formation treatment:

Open Hole: ☐

Niobrara pumped a total of 19,530 gals of pad fluid. Pumped 113,106 gals of SLF. Pumped 260,000 lbs of 20/40 Ottawa sand (1-4 ppg). Final ISDP= 2834 psi. Ave Press= 3757 psi. Ave rate= 4771 bpm.

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

Total fluid used in treatment (bbl): 3158

Max pressure during treatment (psi): 5000

Total gas used in treatment (mcf):

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

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.87

Total acid used in treatment (bbl): 12

Number of staged intervals: 1

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 998

Fresh water used in treatment (bbl): 3146

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 260000

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PIPELINE

**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: Gas was flared at first, but hooked up to a pipeline now.

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:

There is no plug currently inside the well as the WBD shows.

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: 11/1/2012 Email: rtucker@bonanzacrk.com

#### Attachment Check List

Att Doc Num	Name
400342331	FORM 5A SUBMITTED
400342361	WELLBORE DIAGRAM

Total Attach: 2 Files

#### General Comments

User Group	Comment	Comment Date
Permit	On hold. Currently seven form 5A's in process or on hold. Requested clarification from operator.	11/15/2012 3:01:53 PM

Total: 1 comment(s)