

FORM  
5ARev  
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



DE ET OE ES

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Date Received:

## 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: Jessica Azzolina  
Phone: (720) 440-6100  
Fax: (720) 279-2331  
Email: jazzolina@bonanzacrk.com

5. API Number 05-123-41371-00

6. County: WELD

7. Well Name: Antelope

Well Number: E-A-21HNB

8. Location: QtrQtr: SWSW Section: 21 Township: 5N Range: 62W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

## Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/21/2015 End Date: 07/22/2015 Date of First Production this formation: 08/19/2015

Perforations Top: 6880 Bottom: 10982 No. Holes: Hole size: 6.125

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

25 stage Niobrara pumped a total of 67,531 bbls of fluid (Phaser) and 3,750,068 # of sand (40/70 Ottawa, 30/50 Ottawa); ATP 4,784 psi, ATR 48 bpm, Final ISDP 3,170 psi; completed with sliding sleeves and casing packers.

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

Total fluid used in treatment (bbl): 67531

Max pressure during treatment (psi): 5348

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal): 8.33

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.93

Total acid used in treatment (bbl):

Number of staged intervals: 25

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 11217

Fresh water used in treatment (bbl): 67531

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3750068

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 08/19/2015 Hours: 72 Bbl oil: 315 Mcf Gas: 129 Bbl H2O: 2241

Calculated 24 hour rate: Bbl oil: 105 Mcf Gas: 43 Bbl H2O: 747 GOR: 410

Test Method: Flowing Casing PSI: 1150 Tubing PSI: 525 Choke Size: 15

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

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6514 Tbg setting date: 08/16/2015 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:

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

Signed: \_\_\_\_\_ Print Name: Jessica Azzolina

Title: Drilling Technician Date: \_\_\_\_\_ Email jazzolina@bonanzacrk.com  
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### **Attachment Check List**

**Att Doc Num**      **Name**

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Total Attach: 0 Files

### **General Comments**

**User Group**      **Comment**      **Comment Date**

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