

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:

2237803

Date Received:

10/30/2012

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: RUSSELL SCHUCKER
Phone: (720) 440-6100
Fax: (720) 279-2331

5. API Number 05-123-34909-00
6. County: WELD
7. Well Name: Antelope
Well Number: F-20
8. Location: QtrQtr: NWNW Section: 20 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: 04/27/2012 End Date: 04/27/2012 Date of First Production this formation: 05/02/2012

Perforations Top: 6586 Bottom: 6596 No. Holes: 40 Hole size: 4/10

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

CODELL PHASER FRAC PUMPED A TOTAL OF 32,508 GAL OF PAD FLUID, PUMPED 99,708 GAL OF SLF WITH 247,860# OF 20/40 SAND. (1-4PPG). FINAL ISDP 3055 PSI. AVG PRESSURE 3442 PSI, AND AVERAGE RATE 22.2 BPM.

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: 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: SOLD Gas Type: WET Btu Gas: API Gravity Oil:

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6544 Tbg setting date: 05/17/2012 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: <u>NIOBRARA-CODELL</u> | | Status: <u>PRODUCING</u> | | Treatment Type: <u>FRACTURE STIMULATION</u> | |
| Treatment Date: <u>04/27/2012</u> | | End Date: <u>04/27/2012</u> | | Date of First Production this formation: <u>05/02/2012</u> | |
| Perforations | Top: <u>6334</u> | Bottom: <u>6596</u> | No. Holes: <u>88</u> | Hole size: <u>4/10</u> | |

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

CODELL PHASER FRAC PUMPED A TOTAL OF 32,508 GAL OF PAD FLUID, PUMPED 99,708 GAL OF SLF WITH 247,860# OF 20/40 SAND. (1-4PPG). FINAL ISDP 3055 PSI. AVG PRESSURE 3442 PSI, AND AVERAGE RATE 22.2 BPM. NIOBRARA PHASER FRAC PUMPED A TOTAL OF 19,448 GAL OF PAD FLUID, PUMPED 116,046 GAL OF SLF WITH 260,000# OF 30/50 SAND, (1-4PPG). FINAL ISDP 2657 PSI, AVG PRESSURE 3534 PSI, AND AVG RATE 49.9 BPM.

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

| | |
|--|--|
| Total fluid used in treatment (bbl): <u>6375</u> | Max pressure during treatment (psi): <u>4432</u> |
| Total gas used in treatment (mcf): <u>0</u> | Fluid density at initial fracture (lbs/gal): <u>1.00</u> |
| Type of gas used in treatment: _____ | Min frac gradient (psi/ft): <u>0.90</u> |
| Total acid used in treatment (bbl): <u>24</u> | Number of staged intervals: <u>2</u> |
| Recycled water used in treatment (bbl): <u>0</u> | Flowback volume recovered (bbl): <u>2564</u> |
| Fresh water used in treatment (bbl): <u>6291</u> | Disposition method for flowback: <u>DISPOSAL</u> |
| Total proppant used (lbs): <u>505400</u> | Rule 805 green completion techniques were utilized: <input type="checkbox"/> |

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

| | | | | |
|------------------------------|-----------------------------------|-------------------------------------|----------------------------|-------------------|
| Date: <u>05/30/2012</u> | Hours: <u>24</u> | Bbl oil: <u>59</u> | Mcf Gas: <u>73</u> | Bbl H2O: <u>0</u> |
| Calculated 24 hour rate: | Bbl oil: <u>59</u> | Mcf Gas: <u>73</u> | Bbl H2O: <u>0</u> | GOR: <u>1237</u> |
| Test Method: <u>flowing</u> | Casing PSI: <u>1268</u> | Tubing PSI: <u>494</u> | Choke Size: <u>18/64</u> | |
| Gas Disposition: <u>SOLD</u> | Gas Type: <u>WET</u> | Btu Gas: <u>1315</u> | API Gravity Oil: <u>44</u> | |
| Tubing Size: <u>2 + 3/8</u> | Tubing Setting Depth: <u>6544</u> | Tbg setting date: <u>05/17/2012</u> | 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: 04/27/2012 End Date: 04/27/2012 Date of First Production this formation: 05/02/2012
Perforations Top: 6334 Bottom: 6486 No. Holes: 48 Hole size: 4/10

Provide a brief summary of the formation treatment:

Open Hole: ☐

NIOBRARA PHASER FRAC PUMPED A TOTAL OF 19,488 GAL OF PAD FLUID, PUMPED 116,046 GAL OF SLF WITH 260,000# OF 30/50 SAND. (1-4PPG). FINAL ISDP 2657 PSI. AVG PRESSURE 3534 PSI, AND AVERAGE RATE 49.9 BPM.

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: _____ 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: SOLD Gas Type: WET Btu Gas: _____ API Gravity Oil: _____

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6544 Tbg setting date: 05/17/2012 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.

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: 9/29/2012 Email: RTUCKER@BONANZACRK.COM

Attachment Check List

| Att Doc Num | Name |
|-------------|-------------------|
| 2237803 | FORM 5A SUBMITTED |
| 2237804 | WELLBORE DIAGRAM |

Total Attach: 2 Files

General Comments

| User Group | Comment | Comment Date |
|------------|---------|--------------|
| | | |

Total: 0 comment(s)