FORM 5A Rev 06/12

State of Colorado
Oil and Gas Conservation Commission

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Document Number: 401864898

Date Received: 12/19/2018

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: Kate Miller
Phone: (720) 440-6133
Fax:
Email: regulatory@bonanzacrk.com

5. API Number 05-123-33716-00
6. County: WELD
7. Well Name: Antelope
Well Number: 41-17
8. Location: QtrQtr: NENE 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: 09/04/2011 End Date: Date of First Production this formation: 09/29/2011

Perforations Top: 6564 Bottom: 6572 No. Holes: 32 Hole size: 40/100

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

3219 total bbls fluid pumped: 3207 bbls fresh water (includes 2350 bbls pHaser frac 26 visc. fluid) and 12 bbls 15% HCl acid;
400 total lbs proppant pumped: all 20/40 sand.

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

Total fluid used in treatment (bbl): 3219
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): 12
Number of staged intervals:
Recycled water used in treatment (bbl):
Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): 3207
Disposition method for flowback:
Total proppant used (lbs): 400
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: 09/04/2011 End Date: Date of First Production this formation: 09/29/2011

Perforations Top: 6318 Bottom: 6572 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

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 Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/04/2011 End Date: Date of First Production this formation: 09/29/2011

Perforations Top: 6318 Bottom: 6446 No. Holes: 48 Hole size: 40/100

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

3131 total bbls fluid pumped: 3119 bbls fresh water (includes 2568 bbls pHaser frac 26 visc. fluid) and 12 bbls 15% HCl acid;
420 total lbs proppant pumped: all 30/50 sand.

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

Total fluid used in treatment (bbl): 3131 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): 12 Number of staged intervals:

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

Fresh water used in treatment (bbl): 3119 Disposition method for flowback:

Total proppant used (lbs): 420 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:

Due to the age of this well, the following data is not available inthe well file: end date of frac treatment, max pressure during treatment, fluid density at initial fracture, min frac gradent, number of staged intervals, flowback volume recovered, disposition method for flowback, if Rule 805 green completion techniques were utilized, and choke size for 24 hour test.

This Form 5A is being submitted to cleanup the well file by request of the COGCC.

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

Signed: Print Name: Ashley Noonan

Title: Sr. Regulatory Analyst Date: 12/19/2018 Email: anoonan@progressivepcs.net

Attachment Check List

Att Doc Num	Name
401864898	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date
Permit	• Missing 1)total fluid used in treatment, 2)recycled water used in treatment, and 3) fresh water used in treatment for both Niobrara and Codell; provided by operator and entered. • "No. Holes" on this Form for Niobrara (72) and Codell (8) do not match other Form 5A-401974644 (Nio-48, Codell-32); Niobrara "No. Holes" corrected from 72 to 48 and Codell "No. Holes" corrected from 8 to 32. • Added "Total Proppant Used" per original Form 5A (doc 2288034). • Niobrara Perf/Prod Interval "Bottom" corrected from 6572' to 6446' and Codell Perf/Prod Interval "Top" corrected from 6318' to 6564' per Form 5A (doc 401974644).	09/10/2019

Total: 1 comment(s)