

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:

400684668

Date Received:

10/21/2014

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: Olga Chikaloff
Phone: (720) 440-1600
Fax: (720) 279-2331
Email: ochikaloff@bonanzacrk.com

5. API Number 05-123-38788-00

6. County: WELD

7. Well Name: Latham

Well Number: T-P-2HNB

8. Location: QtrQtr: SWSE Section: 2 Township: 4N Range: 63W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/29/2014 End Date: 07/30/2014 Date of First Production this formation: 08/10/2014

Perforations Top: 6434 Bottom: 10702 No. Holes: Hole size:

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

18 Stage Niobrara pumped a total of 51,340 bbls of fluid (Phaser), 24 bbls 15% HCL acid and 3,883,580 # of sand (40/70 Ottawa, 30/50 Ottawa, 20/40 InnoProp); ATP 4,271 psi, ATR 48.00 bpm, Final ISDP 3,482 psi; completed with sliding sleeves and casing packers.

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

Total fluid used in treatment (bbl): 51364

Max pressure during treatment (psi): 5055

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): 0.99

Total acid used in treatment (bbl): 24

Number of staged intervals: 18

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 17291

Fresh water used in treatment (bbl): 51340

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3883580

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/13/2014 Hours: 72 Bbl oil: 480 Mcf Gas: 489 Bbl H2O: 1644

Calculated 24 hour rate: Bbl oil: 160 Mcf Gas: 163 Bbl H2O: 548 GOR: 1019

Test Method: Flowing Casing PSI: 1275 Tubing PSI: 750 Choke Size: 012/64

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

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6609 Tbg setting date: 08/05/2014 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: Olga Chikaloff

Title: Engineering Technician Date: 10/21/2014 Email : ochikaloff@bonanzacrk.com

Attachment Check List

Att Doc Num **Name**

400684668	FORM 5A SUBMITTED
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Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	• Added "24 bbls 15% HCL acid" to the formation treatment summary.	11/29/2016
Permit	• Revised acid concentration, per operator. • Acid type was not provided, requesting from operator. • Requesting revised top and bottom producing interval depths. (depth of shallowest and deepest isolation packers)	11/23/2016
Permit	• Missing acid type and concentration. • Top producing interval above set depth of 7" casing, requesting operator provide depth of shallowest packer.	11/14/2016

Total: 3 comment(s)