

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns 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: 10542 4. Contact Name: Alex Corey
2. Name of Operator: CUB CREEK ENERGY Phone: (303) 4466140
3. Address: 200 PLAZA DRIVE SUITE 100 Fax:
City: HIGHLANDS State: CO Zip: 80129 Email: alex.corey@cub-creek.com

5. API Number 05-123-42777-00 6. County: WELD
7. Well Name: Litzenberger Well Number: 22
8. Location: QtrQtr: SENE Section: 8 Township: 3N Range: 68W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/11/2018 End Date: 02/17/2018 Date of First Production this formation: 06/27/2018
Perforations Top: 8167 Bottom: 12410 No. Holes: 540 Hole size: 0.4

Provide a brief summary of the formation treatment: Open Hole: [ ]
Performed 28 Stage Frac, using a total of 4,112,920 lbs 40/70 White Sand, 4,664,014 lbs 20/40 White Sand, Total Fluid used 147,675 bbls, Max PSI 8,415, Max Rate 93 BPM, Max ISIP 4,233, Total of 540 holes, Perf. Diam. 0.40"

This formation is commingled with another formation: [ ] Yes [X] No
Total fluid used in treatment (bbl): 147675 Max pressure during treatment (psi): 8415
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.34
Type of gas used in treatment: Min frac gradient (psi/ft): 0.97
Total acid used in treatment (bbl): 17 Number of staged intervals: 28
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): 137073 Disposition method for flowback:
Total proppant used (lbs): 8777064 Rule 805 green completion techniques were utilized: [ ]
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/15/2018 Hours: 12 Bbl oil: 163 Mcf Gas: 188 Bbl H2O: 167
Calculated 24 hour rate: Bbl oil: 328 Mcf Gas: 376 Bbl H2O: 334 GOR: 1
Test Method: flowback Casing PSI: 1750 Tubing PSI: 1050 Choke Size: 17
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1405 API Gravity Oil: 44
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7789 Tbg setting date: 04/12/2018 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: Garrett Baily

Title: Petroleum Engineer Date: \_\_\_\_\_ Email: garrett.baily@cub-creek.com  
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### Attachment Check List

**Att Doc Num**      **Name**

401712964	OPERATIONS SUMMARY
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Total Attach: 1 Files

### General Comments

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

		Stamp Upon Approval
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Total: 0 comment(s)