

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



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Document Number:

401707880

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 05-123-42785-00 6. County: WELD  
 7. Well Name: Litzenberger Well Number: 18  
 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 STIMULATIONTreatment Date: 02/18/2018 End Date: 02/27/2018 Date of First Production this formation: 06/27/2018Perforations Top: 7892 Bottom: 12122 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 3,248,250 lbs 40/70 White Sand, 4,592,440 lbs 20/40 White Sand, Total Fluid used 139,027 bbls, Max PSI 8,948, Max Rate 97 BPM, Max ISIP 4,480, Total of 540 holes, Perf. Diam. 0.40"

This formation is commingled with another formation: ☐ Yes ☒ NoTotal fluid used in treatment (bbl): 139027Max pressure during treatment (psi): 8948Total gas used in treatment (mcf): 0Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: \_\_\_\_\_

Min frac gradient (psi/ft): 1.01Total acid used in treatment (bbl): 517Number of staged intervals: 28Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): 129483Disposition method for flowback: DISPOSALTotal proppant used (lbs): 7841270Rule 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: 155 Mcf Gas: 164 Bbl H2O: 164Calculated 24 hour rate: Bbl oil: 310 Mcf Gas: 328 Bbl H2O: 328 GOR: 1Test Method: flowback Casing PSI: 1600 Tubing PSI: 1050 Choke Size: 17Gas Disposition: SOLD Gas Type: WET Btu Gas: 1405 API Gravity Oil: 44Tubing Size: 2 + 3/8 Tubing Setting Depth: 7517 Tbg setting date: 04/15/2018 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**

401712937	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)