

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:

401501851

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: 10459  
2. Name of Operator: EXTRACTION OIL & GAS INC  
3. Address: 370 17TH STREET SUITE 5300  
City: DENVER State: CO Zip: 80202  
4. Contact Name: Troy Owens  
Phone: (720) 557-8303  
Fax:  
Email: towens@extractionog.com

5. API Number 05-123-45045-00  
6. County: WELD  
7. Well Name: Leonard  
Well Number: 2N  
8. Location: QtrQtr: NWSW Section: 21 Township: 2N Range: 67W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/18/2017 End Date: 10/24/2017 Date of First Production this formation: 12/02/2017

Perforations Top: 7940 Bottom: 12169 No. Holes: 757 Hole size: 11/25

Provide a brief summary of the formation treatment:

Open Hole: ☐

22 stage plug and perf;  
95951 bbls of fresh water and 15% HCl acid;  
5724330 total lbs of 30/50 and 40/70 proppant pumped

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

Total fluid used in treatment (bbl): 95951

Max pressure during treatment (psi): 7989

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal): 8.32

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.88

Total acid used in treatment (bbl): 267

Number of staged intervals: 22

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 2311

Fresh water used in treatment (bbl): 95684

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 5724330

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 11/17/2017 Hours: 24 Bbl oil: 166 Mcf Gas: 577 Bbl H2O: 971

Calculated 24 hour rate: Bbl oil: 166 Mcf Gas: 577 Bbl H2O: 971 GOR: 3476

Test Method: Measured Casing PSI: 2562 Tubing PSI: 1629 Choke Size: 18/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1335 API Gravity Oil: 47

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7865 Tbg setting date: 11/12/2017 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:

Actual TPZ: 2419 FSL; 493 FWL

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

Signed: \_\_\_\_\_

Print Name: Troy Owens

Title: Completions Engineer

Date: \_\_\_\_\_

Email : towens@extractionog.com

### Attachment Check List

**Att Doc Num**

**Name**

401501855

WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

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Stamp Upon  
Approval

Total: 0 comment(s)