

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



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: 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 05-123-45046-00
6. County: WELD
7. Well Name: Leonard
Well Number: 4N
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: 10/23/2017 Date of First Production this formation: 12/02/2017
Perforations Top: 7886 Bottom: 12101 No. Holes: 757 Hole size: 11/25

Provide a brief summary of the formation treatment: Open Hole: [ ]

22 stage plug and perf;
97712 total bbls of fresh water and 15% HCl acid;
5720360 total lbs of 30/50 and 40/70 proppant pumped

This formation is commingled with another formation: [ ] Yes [X] No
Total fluid used in treatment (bbl): 97712 Max pressure during treatment (psi): 8180
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): 0.92
Total acid used in treatment (bbl): 262 Number of staged intervals: 22
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 3004
Fresh water used in treatment (bbl): 97450 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 5720360 Rule 805 green completion techniques were utilized: [ ]
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 11/20/2017 Hours: 4 Bbl oil: 16 Mcf Gas: 47 Bbl H2O: 262
Calculated 24 hour rate: Bbl oil: 16 Mcf Gas: 47 Bbl H2O: 262 GOR: 2937
Test Method: Measured Casing PSI: 2277 Tubing PSI: 1332 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: 7837 Tbg setting date: 11/13/2017 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: 1742 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**

401501871	WELLBORE DIAGRAM
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Total Attach: 1 Files

### General Comments

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

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)