

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:

401682819

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: Elaine Winick  
Phone: (970) 576-3461  
Fax: (970) 534-6001  
Email: ewinick@extractionog.com

5. API Number 05-123-42912-00  
6. County: WELD  
7. Well Name: CS-SHERWOOD  
Well Number: 3-1-13  
8. Location: QtrQtr: SWSE Section: 36 Township: 6N Range: 66W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/31/2018 End Date: 02/13/2018 Date of First Production this formation: 08/07/2018

Perforations Top: 7428 Bottom: 20304 No. Holes: 2303 Hole size: 42/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

Frac'd Niobrara with 65 stage plug and perf;  
18,200,000 total pounds proppant pumped: 9,100,490# 40/70 mesh sand; 9,100,330# 30/50 mesh sand;  
22,493 total bbls fluid pumped: 22,371 bbls water; 122 bbls 15% HCL acid.

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

Total fluid used in treatment (bbl): 22493

Max pressure during treatment (psi): 8383

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): 0.97

Total acid used in treatment (bbl): 122

Number of staged intervals: 65

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 14007

Fresh water used in treatment (bbl): 22371

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 18200000

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/27/2018 Hours: 24 Bbl oil: 426 Mcf Gas: 1805 Bbl H2O: 119

Calculated 24 hour rate: Bbl oil: 426 Mcf Gas: 1805 Bbl H2O: 119 GOR: 4237

Test Method: flowing Casing PSI: 3110 Tubing PSI: 2931 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1300 API Gravity Oil: 40

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7385 Tbg setting date: 04/10/2018 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:

TPZ 494 FNL & 2357 FEL

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

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

Print Name: Elaine Winick

Title: Completions Tech

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

Email : ewinick@extractionog.com

### Attachment Check List

**Att Doc Num**      **Name**

401755941	WELLBORE DIAGRAM
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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)