

FORM 5A

Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

Document Number: 401379672

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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 05-123-43851-00
6. County: WELD
7. Well Name: Mickey
Well Number: 4
8. Location: QtrQtr: SWNE Section: 5 Township: 6N Range: 67W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL-FORT HAYS Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/28/2017 End Date: 03/17/2017 Date of First Production this formation: 07/10/2017

Perforations Top: 7810 Bottom: 17714 No. Holes: 1765 Hole size: 11/25

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

50 stage plug and perf;
162647 total bbls of fluid pumped: 162635 bbls fresh water and 12 bbls 15% HCL acid pumped;
10000070 total lbs of 30/50 proppant pumped.

This formation is commingled with another formation: [ ] Yes [X] No

Total fluid used in treatment (bbl): 162647 Max pressure during treatment (psi): 8705

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): 0.94

Total acid used in treatment (bbl): 12 Number of staged intervals: 50

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 9128

Fresh water used in treatment (bbl): 162635 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 10000070 Rule 805 green completion techniques were utilized: [X]

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 07/11/2017 Hours: 24 Bbl oil: 373 Mcf Gas: 403 Bbl H2O: 1025

Calculated 24 hour rate: Bbl oil: 373 Mcf Gas: 403 Bbl H2O: 1025 GOR: 1080

Test Method: Measured Casing PSI: 1409 Tubing PSI: 1824 Choke Size: 22/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1357 API Gravity Oil: 41

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7666 Tbg setting date: 06/30/2017 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.

FORMATION: CODELL Status: COMMINGLED Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_

Perforations Top: 7960 Bottom: 17714 No. Holes: 1669 Hole size: 11/25

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Producing intervals: 7960'-16905'; 17300'-17714'

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_

Total proppant used (lbs): \_\_\_\_\_ Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_

Calculated 24 hour rate: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_

Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ 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.

FORMATION: FORT HAYS Status: COMMINGLED Treatment Type:

Treatment Date: End Date: Date of First Production this formation:

Perforations Top: 7810 Bottom: 17300 No. Holes: 96 Hole size: 11/25

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

Producing interval: 7810'-7960'; 16905'-17300'

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): Max pressure during treatment (psi):

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment: Min frac gradient (psi/ft):

Total acid used in treatment (bbl): Number of staged intervals:

Recycled water used in treatment (bbl): Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): Disposition method for flowback:

Total proppant used (lbs): Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: 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: 558 FNL, 2218 FEL

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: 8/17/2017 Email: towens@extractionog.com

Attachment Check List

Table with 2 columns: Att Doc Num, Name. Row 1: 401379672, FORM 5A SUBMITTED

Total Attach: 1 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	<ul style="list-style-type: none"><li>• Per operator, added Fort Hays interval from 7810'-7960' and adjusted the Codell perf/prod interval bottom from 7810' to 7960'; 24 holes removed from Codell and added to Fort Hays.</li><li>• Form 7's ok.</li><li>• GOR corrected from 1075 to 1080 per calculation (403 Mcf Gas)/(373 Bbl Oil) x1000.</li></ul>	02/02/2018

Total: 1 comment(s)