

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:

401379672

Date Received:

08/17/2017

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 ☒ 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: ☒

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: <input type="checkbox"/>

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

Att Doc Num

Name

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">• 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.• Form 7's ok.• GOR corrected from 1075 to 1080 per calculation (403 Mcf Gas)/(373 Bbl Oil) x1000.	02/02/2018

Total: 1 comment(s)