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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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 05-123-44439-00
6. County: WELD
7. Well Name: RBF
Well Number: 5
8. Location: QtrQtr: SENE Section: 22 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: 08/15/2017 End Date: 08/24/2017 Date of First Production this formation: 12/30/2017

Perforations Top: 7616 Bottom: 16936 No. Holes: 1693 Hole size: 11/25

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

48 stage plug and perf;
223110 bbls of fluid pumped: 223086 bbls fresh water and 24 bbls 15% HCL acid pumped;
19193650 lbs of 30/50 and 40/70 proppant pumped.

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

Total fluid used in treatment (bbl): 223110
Max pressure during treatment (psi): 9412
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): 24
Number of staged intervals: 48
Recycled water used in treatment (bbl):
Flowback volume recovered (bbl): 12462
Fresh water used in treatment (bbl): 223086
Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 19193650
Rule 805 green completion techniques were utilized: ☒
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/05/2017 Hours: 24 Bbl oil: 196 Mcf Gas: 255 Bbl H2O: 743

Calculated 24 hour rate: Bbl oil: 196 Mcf Gas: 255 Bbl H2O: 743 GOR: 1301

Test Method: Measured Casing PSI: 750 Tubing PSI: 1232 Choke Size: 18/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1285 API Gravity Oil: 43

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7516 Tbg setting date: 11/19/2017 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: 7635 Bottom: 16936 No. Holes: 1279 Hole size: 11/25

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

Producing interval: 7635'-10170'; 10820'-11700'; 13303'-16936'

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: 7616 Bottom: 13303 No. Holes: 414 Hole size: 11/25

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

Producing intervals: 7616'-7635'; 10170'-10820'; 11700'-13303'

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: 994' FNL; 518' 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: 1/4/2018 Email: towens@extractionog.com

Attachment Check List

Att Doc Num	Name
401502984	FORM 5A SUBMITTED
401503019	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Permit	• Form 7's ok. • Codell Perf/Prod Interval “Top” occurs at 7616’, however the Form 5 states that the Codell formation top does not occur until 7635’; per operator, interval from 7616'-7635' is in Fort Hays. • Number of holes for individual formations dont add up to total; per operator, Codell number of holes corrected from 1285 to 1279 and Fort Hays number of holes corrected from 294 to 414, for a total number of holes of 1693.	02/15/2018

Total: 1 comment(s)