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

DE	ET	OE	ES

Document Number: 401493297

Date Received: 12/21/2017

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 05-123-43744-00
6. County: WELD
7. Well Name: TC AIMS
Well Number: C5-9-11
8. Location: QtrQtr: SENE Section: 8 Township: 5N Range: 66W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type:

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

Perforations Top: 7812 Bottom: 20210 No. Holes: 1609 Hole size: 11/25

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

Producing intervals: 7812'-9670'; 9943'-10060'; 10426'-12207'; 14066'-17929'; 18896'-20210'.

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: 7724 Bottom: 18896 No. Holes: 413 Hole size: 11/25

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

Producing intervals: 7724'-7812; 9670'-9943'; 10060'-10426'; 13465'-14066'; 17929'-18896'.

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: NIOBRARA-FT HAYS-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/10/2017 End Date: 08/26/2017 Date of First Production this formation: 12/09/2017

Perforations Top: 7724 Bottom: 20213 No. Holes: 2248 Hole size: 11/25

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

60 stage plug and perf;
250665 total bbls fluid pumped: 250587 bbls fresh water and 78 bbls 15% HCl acid;
12598610 lbs of 30/50 proppant pumped.

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

Total fluid used in treatment (bbl): 250665 Max pressure during treatment (psi): 8741

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): 0.92

Total acid used in treatment (bbl): 78 Number of staged intervals: 60

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 2679

Fresh water used in treatment (bbl): 250587 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 12598610 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/06/2017 Hours: 24 Bbl oil: 418 Mcf Gas: 1771 Bbl H2O: 393

Calculated 24 hour rate: Bbl oil: 418 Mcf Gas: 1771 Bbl H2O: 393 GOR: 4236

Test Method: Measured Casing PSI: 2997 Tubing PSI: 2450 Choke Size: 18/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1292 API Gravity Oil: 51

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7712 Tbg setting date: 09/30/2017 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: NIOBRARA Status: COMMINGLED Treatment Type:

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

Perforations Top: 12207 Bottom: 13465 No. Holes: 226 Hole size: 11/25

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

Producing interval: 12207'-13465'.

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: 2155 FSL; 519 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: 12/21/2017 Email: towens@extractionog.com

Attachment Check List

Att Doc Num	Name
401493297	FORM 5A SUBMITTED
401493315	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Permit	• Codell Perf/Prod Interval “Top” occurs at 7724’, however the Form 5 (401345419) states that the Codell formation top does not occur until 7757’; corrected, per operator. • Form 7's ok.	04/26/2018

Total: 1 comment(s)