

<b>FORM 5A</b> Rev 06/12	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 892-2109		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table>	DE	ET	OE	ES
DE	ET	OE	ES				
			Document Number: <div style="text-align: center; margin: 5px;">402277270</div> 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: <u>10459</u> 2. Name of Operator: <u>EXTRACTION OIL &amp; GAS INC</u> 3. Address: <u>370 17TH STREET SUITE 5300</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	4. Contact Name: <u>Elaine Winick</u> Phone: <u>(970) 576-3461</u> Fax: <u>(970) 534-6001</u> Email: <u>ewinick@extractionog.com</u>
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5. API Number <u>05-014-20753-00</u> 7. Well Name: <u>Livingston</u> 8. Location: QtrQtr: <u>NWSE</u> Section: <u>7</u> Township: <u>1S</u> 9. Field Name: <u>WATTENBERG</u> Field Code: <u>90750</u>	6. County: <u>BROOMFIELD</u> Well Number: <u>S19-25-2C</u> Range: <u>68W</u> Meridian: <u>6</u>
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### Completed Interval

FORMATION: <u>CODELL</u>	Status: <u>COMMINGLED</u>	Treatment Type: <u>FRACTURE STIMULATION</u>
Treatment Date: <u>12/21/2019</u>	End Date: <u>01/06/2020</u>	Date of First Production this formation: <u>04/19/2020</u>
Perforations Top: <u>9299</u>	Bottom: <u>21749</u>	No. Holes: <u>1173</u> Hole size: <u>38/100</u>

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

9299 - 11609; 11886 - 16805; 17590 - 17724; 18943 - 20636; 21144 - 21749

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: FRACTURE STIMULATION

Treatment Date: 12/21/2019 End Date: 01/06/2020 Date of First Production this formation: 04/19/2020

Perforations Top: 11777 Bottom: 21120 No. Holes: 284 Hole size: 38/100

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

11777 - 11862; 16829 - 17571; 17747 - 18908; 20660 - 20769; 20939 - 21120

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

Treatment Date: 12/21/2019 End Date: 01/06/2020 Date of First Production this formation: 04/19/2020

Perforations Top: 9299 Bottom: 21749 No. Holes: 1494 Hole size: 38/100

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

Frac'd Niobrara-Fort Hays-Codell with a 50 stage plug and perf:  
 9374975# 30/50 mesh sand proppant pumped.  
 198025 total bbls fluid pumped: 177393 bbls gelled fluid; 20632 bbls fresh water and 0 bbls Acid.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 198025 Max pressure during treatment (psi): 8570

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.80

Total acid used in treatment (bbl): 0 Number of staged intervals: 50

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 18240

Fresh water used in treatment (bbl): 20632 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 9374975 Rule 805 green completion techniques were utilized:

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

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

**Test Information:**

Date: 04/27/2020 Hours: 24 Bbl oil: 732 Mcf Gas: 2073 Bbl H2O: 148

Calculated 24 hour rate: Bbl oil: 732 Mcf Gas: 2073 Bbl H2O: 148 GOR: 2832

Test Method: flowing Casing PSI: 3093 Tubing PSI: 2858 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1390 API Gravity Oil: 52

Tubing Size: 2 + 3/8 Tubing Setting Depth: 9289 Tbg setting date: 03/17/2020 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: FRACTURE STIMULATION

Treatment Date: 12/21/2019 End Date: 01/06/2020 Date of First Production this formation: 04/19/2020

Perforations Top: 11631 Bottom: 20938 No. Holes: 37 Hole size: 38/100

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

11631 - 11754; 20792 - 20938

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:  
TPZ: 2428 FSL & 668 FWL

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
402386620	WELLBORE DIAGRAM

Total Attach: 1 Files

**General Comments**

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)