

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:

402143103

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: 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: Elaine Winick
Phone: (970) 576-3461
Fax: (970) 534-6001
Email: ewinick@extractionog.com

5. API Number 05-014-20846-00
6. County: BROOMFIELD
7. Well Name: Interchange B
Well Number: N35-20-2C
8. Location: QtrQtr: NESW Section: 10 Township: 1S Range: 68W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CARLILE Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/15/2019 End Date: 07/24/2019 Date of First Production this formation: 10/02/2019

Perforations Top: 9011 Bottom: 18598 No. Holes: 136 Hole size: 38/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

Perforated Carlile from 9011 -9430; 11950 - 12000; 17072 - 17518; 18404 - 18598 with a total of 136 holes.

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: <u>CARLILE-CODELL-FORT HAYS</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>07/15/2019</u>		End Date: <u>07/24/2019</u>		Date of First Production this formation: <u>10/02/2019</u>	
Perforations	Top: <u>9011</u>	Bottom: <u>18598</u>	No. Holes: <u>1135</u>	Hole size: <u>38/100</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
Frac'd Carlile-Codell-Fort Hays with a 39 stage plug and perf: 7312990# 30/50 sand proppant pumped. 141564 total bbls fluid pumped: 126815 bbls gelled fluid; 14749 bbls fresh water and 0 bbls Acid.					
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>141564</u>			Max pressure during treatment (psi): <u>8652</u>		
Total gas used in treatment (mcf): _____			Fluid density at initial fracture (lbs/gal): <u>8.34</u>		
Type of gas used in treatment: _____			Min frac gradient (psi/ft): <u>0.82</u>		
Total acid used in treatment (bbl): <u>0</u>			Number of staged intervals: <u>39</u>		
Recycled water used in treatment (bbl): _____			Flowback volume recovered (bbl): <u>10420</u>		
Fresh water used in treatment (bbl): <u>14749</u>			Disposition method for flowback: <u>DISPOSAL</u>		
Total proppant used (lbs): <u>7312990</u>			Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>		
Reason why green completion not utilized: _____					
Fracture stimulations must be reported on FracFocus.org					
Test Information:					
Date: <u>10/13/2019</u>	Hours: <u>24</u>	Bbl oil: <u>401</u>	Mcf Gas: <u>771</u>	Bbl H2O: <u>163</u>	
Calculated 24 hour rate:	Bbl oil: <u>401</u>	Mcf Gas: <u>771</u>	Bbl H2O: <u>163</u>	GOR: <u>1923</u>	
Test Method: <u>flowing</u>	Casing PSI: <u>2347</u>	Tubing PSI: <u>1793</u>	Choke Size: <u>14/64</u>		
Gas Disposition: <u>SOLD</u>	Gas Type: <u>WET</u>	Btu Gas: <u>1300</u>	API Gravity Oil: <u>49</u>		
Tubing Size: <u>2 + 3/8</u>	Tubing Setting Depth: <u>8843</u>	Tbg setting date: <u>09/03/2019</u>	Packer Depth: _____		
Reason for Non-Production: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____		Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> 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: FRACTURE STIMULATION	
Treatment Date: 07/15/2019		End Date: 07/24/2019		Date of First Production this formation: 10/02/2019	
Perforations	Top: 9456	Bottom: 18380	No. Holes: 966	Hole size: 38/100	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
Perforated Codell from 9456 - 10320; 10367 - 11928; 12034 - 13919; 14097 - 16893; 17013 - 17038; 17540 - 18380 with a total of 966 holes.					
This formation is commingled with another formation:			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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					
<u>Test Information:</u>					
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: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> 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: 07/15/2019 End Date: 07/24/2019 Date of First Production this formation: 10/02/2019

Perforations Top: 10343 Bottom: 16992 No. Holes: 33 Hole size: 38/100

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

Perforated Fort Hays from 10343 - 10344; 13942 - 14074; 16916 - 16992 with a total of 33 holes.

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: 192 FSL & 2515 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

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Attachment Check List

Att Doc Num **Name**

402167518 WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group **Comment**

Comment Date

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)