

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns: DE, ET, OE, ES

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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: 10110
2. Name of Operator: GREAT WESTERN OPERATING COMPANY LLC
3. Address: 1001 17TH STREET #2000 City: DENVER State: CO Zip: 80202
4. Contact Name: Miracle Pfister Phone: (720) 595-2250 Fax: Email: regulatorypermitting@gwogco.com

5. API Number 05-001-10099-00
6. County: ADAMS
7. Well Name: B-Farm LD Well Number: 18-388HC
8. Location: QtrQtr: NENW Section: 7 Township: 1S Range: 67W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CARLILE Status: COMMINGLED Treatment Type:

Treatment Date: End Date: Date of First Production this formation: 04/03/2018

Perforations Top: 8667 Bottom: 9739 No. Holes: 1470 Hole size: 38/100

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

Carlile perf interval: 8667' - 9739'

This formation is commingled with another formation: [X] Yes [ ] No

Total fluid used in treatment (bbl):
Total gas used in treatment (mcf):
Type of gas used in treatment:
Total acid used in treatment (bbl):
Recycled water used in treatment (bbl):
Fresh water used in treatment (bbl):
Total proppant used (lbs):
Max pressure during treatment (psi):
Fluid density at initial fracture (lbs/gal):
Min frac gradient (psi/ft):
Number of staged intervals:
Flowback volume recovered (bbl):
Disposition method for flowback:
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: CODELL-CARLILE Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/10/2018 End Date: 03/19/2018 Date of First Production this formation: 04/03/2018

Perforations Top: 8667 Bottom: 18408 No. Holes: 1470 Hole size: 38/100

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

525,361 lbs 100 Mesh Sand; 9,321,548 lbs 20/40 Sand; 176,567 bbls Gelled Fluid. Flowback determined from well test separator

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 176567 Max pressure during treatment (psi): 4253

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.33

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.81

Total acid used in treatment (bbl): 0 Number of staged intervals: 49

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 10757

Fresh water used in treatment (bbl): 176567 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 9846909 Rule 805 green completion techniques were utilized:

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

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

**Test Information:**

Date: 04/06/2018 Hours: 24 Bbl oil: 566 Mcf Gas: 1117 Bbl H2O: 255

Calculated 24 hour rate: Bbl oil: 566 Mcf Gas: 1117 Bbl H2O: 255 GOR: 1973

Test Method: Flowing Casing PSI: 2300 Tubing PSI: 1900 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1362 API Gravity Oil: 45

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8202 Tbg setting date: 03/27/2018 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: 04/03/2018  
 Perforations Top: 9740 Bottom: 18408 No. Holes: 1470 Hole size: 38/100  
 Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Codell perf interval: 9740' - 18408'

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:  
 Great Western certifies that we did not stimulate within 150' of an existing wellbore operated by a different operator without a signed waiver from that operator and documentation exists to demonstrate this fact. The final separation (wellbore to wellbore distance) from the STONEHOCKER 23-7 (05-001-09459) is 152' and nearest perforation to that well is 152'.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.  
 Signed: \_\_\_\_\_ Print Name: Jack Desmond  
 Title: Regulatory Analyst Date: \_\_\_\_\_ Email: jdesmond@gwogco.com

**Attachment Check List**

Att Doc Num	Name

Total Attach: 0 Files

**General Comments**

User Group	Comment	Comment Date
Permit	<ul style="list-style-type: none"> <li>•A new task has been created for COGCC Engineering to review this form.</li> <li>•Permitting review complete and task passed.</li> </ul>	12/08/2019

Total: 1 comment(s)