

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:

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Date Received:

09/12/2013

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: 1801 BROADWAY #500  
City: DENVER State: CO Zip: 80202  
4. Contact Name: Callie Fiddes  
Phone: (303) 398-0550  
Fax:  
Email: regulatorypermitting@gwogco.com

5. API Number 05-123-35995-00  
6. County: WELD  
7. Well Name: Fritzler  
Well Number: 17-42-11  
8. Location: QtrQtr: SESE Section: 17 Township: 6N Range: 66W Meridian: 6  
9. Field Name: BRACEWELL Field Code: 7487

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/11/2012 End Date: 10/11/2012 Date of First Production this formation: 11/20/2012

Perforations Top: 7556 Bottom: 7571 No. Holes: 47 Hole size: 7/20

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

Codell frac Treatment Totals: Total 117,480 lbs 30/50 Ottawa, Pumped 0.5 ppa to 2.0 ppa in 2501 bbls of fluid. Total fluid pumped 3989.2 bbls.

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

Total fluid used in treatment (bbl): 3989 Max pressure during treatment (psi): 5327

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): 0.91

Total acid used in treatment (bbl): 0 Number of staged intervals: 1

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1175

Fresh water used in treatment (bbl): 3989 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 117480 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-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 11/20/2012

Perforations Top: 7258 Bottom: 7571 No. Holes: 72 Hole size: 7/20

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

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](http://FracFocus.org)**

**Test Information:**

Date: 11/21/2012 Hours: 24 Bbl oil: 204 Mcf Gas: 120 Bbl H2O: 16

Calculated 24 hour rate: Bbl oil: 204 Mcf Gas: 120 Bbl H2O: 2 GOR: 588

Test Method: Test Separator Casing PSI: 1096 Tubing PSI: 1100 Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1254 API Gravity Oil: 49

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 Status: COMMINGLED Treatment Type: FRACTURE STIMULATION  
Treatment Date: 10/12/2012 End Date: 10/12/2012 Date of First Production this formation: 11/20/2012  
Perforations Top: 7258 Bottom: 7461 No. Holes: 25 Hole size: 7/20

Provide a brief summary of the formation treatment:

Open Hole: ☐

Niobrara frac Treatment Totals: Total 204,360 lbs 40/70 Ottawa, 4,000 lbs 20/40 SLC Pumped 0.5 ppa to 2.0 ppa in 4426 bbls of fluid. Total fluid pumped 6300.3 bbls.

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

Total fluid used in treatment (bbl): 6300

Max pressure during treatment (psi): 5733

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): 0.96

Total acid used in treatment (bbl): 0

Number of staged intervals: 1

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 1175

Fresh water used in treatment (bbl): 6300

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 204360

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:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Print Name: Callie Fiddes  
Title: Regulatory Tech Date: 9/12/2013 Email: regulatorypermitting@gwogco.com

#### Attachment Check List

Att Doc Num	Name
400480040	FORM 5A SUBMITTED

Total Attach: 1 Files

#### General Comments

User Group	Comment	Comment Date
Permit	form 5 received. Ready to pass.	2/21/2014 9:29:09 AM
Permit	WO form 5. Added frac summaries per operator.	1/8/2014 11:31:23 AM

Total: 2 comment(s)