

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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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 05-123-36037-00
6. County: WELD
7. Well Name: Andrews Well Number: 26-24
8. Location: QtrQtr: SESW Section: 26 Township: 7N Range: 65W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/05/2012 End Date: 11/05/2012 Date of First Production this formation: 12/19/2012
Perforations Top: 7233 Bottom: 7248 No. Holes: 36 Hole size: 7/20

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

Total 7,500 lbs 100 mesh, 115,780 lbs 30/50 Ottawa, Pumped 0.5 ppa to 2.0 ppa in 3020 bbls of fluid. Total fluid pumped 7275.9 bbls.

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

Total fluid used in treatment (bbl): 7275 Max pressure during treatment (psi): 6592
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): 0.90
Total acid used in treatment (bbl): 0 Number of staged intervals: 1
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1293
Fresh water used in treatment (bbl): 7275 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 115780 Rule 805 green completion techniques were utilized: [X]

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: NIORARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 12/19/2012

Perforations Top: 6966 Bottom: 7248 No. Holes: 54 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: 12/20/2012 Hours: 24 Bbl oil: 36 Mcf Gas: 19 Bbl H2O: 74

Calculated 24 hour rate: Bbl oil: 36 Mcf Gas: 19 Bbl H2O: 7 GOR: 515

Test Method: Test Separator Casing PSI: 750 Tubing PSI: \_\_\_\_\_ Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1240 API Gravity Oil: 44

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: 11/05/2012 End Date: 11/05/2012 Date of First Production this formation: 12/19/2012  
Perforations Top: 6966 Bottom: 7136 No. Holes: 18 Hole size: 7/20

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

Total 185,450 lbs 40/70 Ottawa, 4,000 lbs 20/40 SLC Pumped 0.5 ppa to 2.0 ppa in 4333 bbls of fluid. Total fluid pumped 5541.2 bbls.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 5541 Max pressure during treatment (psi): 6409

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): 0.93

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

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1293

Fresh water used in treatment (bbl): 5541 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 185450 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: 9/24/2013 Email: regulatorypermitting@gwogco.com

**Attachment Check List**

Att Doc Num	Name
400481378	FORM 5A SUBMITTED

Total Attach: 1 Files

**General Comments**

User Group	Comment	Comment Date
Permit	Corrected frac data per operator. Ready to pass.	2/21/2014 3:22:04 PM
Permit	Received frac summaries. Codell frac summary does not match frac data.	2/21/2014 9:55:59 AM

Total: 2 comment(s)