

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: 1700 BROADWAY SUITE 650 City: DENVER State: CO Zip: 80290 4. Contact Name: Shannon Hartnett Phone: (303) 398-0351 Fax:

5. API Number 05-123-35433-00 6. County: WELD 7. Well Name: H-Y 8. Location: QtrQtr: NENW Section: 29 Township: 6N Range: 67W Meridian: 6 9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION Treatment Date: 09/22/2012 End Date: 09/22/2012 Date of First Production this formation: 10/18/2012 Perforations Top: 7841 Bottom: 7856 No. Holes: 55 Hole size: 7/20 Provide a brief summary of the formation treatment: Open Hole: [ ] This formation is commingled with another formation: [X] Yes [ ] No Total fluid used in treatment (bbl): 4104 Max pressure during treatment (psi): 5356 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): 1865 Fresh water used in treatment (bbl): 4104 Disposition method for flowback: DISPOSAL Total proppant used (lbs): 115910 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: 10/18/2012  
Perforations Top: 7542 Bottom: 7856 No. Holes: 95 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: 10/19/2012 Hours: 24 Bbl oil: 56 Mcf Gas: 0 Bbl H2O: 16

Calculated 24 hour rate: Bbl oil: 56 Mcf Gas: 1 Bbl H2O: 2 GOR: 18

Test Method: Test Separator Casing PSI: 1275 Tubing PSI: 775 Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1361 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: 09/22/2012 End Date: 09/22/2012 Date of First Production this formation: 10/18/2012

Perforations Top: 7542 Bottom: 7744 No. Holes: 40 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): 5907 Max pressure during treatment (psi): 6102

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): 0.92

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

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1865

Fresh water used in treatment (bbl): 5907 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 204280 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: Shannon Hartnett

Title: Reg. Compl. Spec. Date: 9/9/2013 Email: regulatorypermitting@gwogco.com

**Attachment Check List**

Att Doc Num	Name
400478146	FORM 5A SUBMITTED

Total Attach: 1 Files

**General Comments**

User Group	Comment	Comment Date
Permit	Corrected producing perferd interval bottom form 7744 to 7856 to match codell bottom perf. Also corrected GOR from 0 to 18.	9/20/2013 1:20:15 PM

Total: 1 comment(s)