

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



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Document Number:

400498602

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: 1801 BROADWAY #500

City: DENVER State: CO Zip: 80202

4. Contact Name: Miracle Pfister

Phone: (303) 398-0550

Fax:

Email: regulatorypermitting@gwogco.com

5. API Number 05-123-24286-00

7. Well Name: GREAT WESTERN

8. Location: QtrQtr: NESE Section: 27 Township: 6N Range: 67W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 27-33

Completed Interval

FORMATION: CODELL		Status: COMMINGLED		Treatment Type: FRACTURE STIMULATION	
Treatment Date: 07/13/2012		End Date: 07/13/2012		Date of First Production this formation: 06/14/2007	
Perforations Top: 7248		Bottom: 7268		No. Holes: 140      Hole size: 0.38	
Provide a brief summary of the formation treatment:				Open Hole: <input type="checkbox"/>	
ReFrac perf Interval: 7249'-7264'. Codell re-frac Treatment Totals: Total 150,960 lbs 30/50 Ottawa, 4,000 lbs 20/40 SLC Pumped 0.5 ppa to 2.0 ppa in 3311 bbls of slickwater. Total fluid pumped 4934 bbls.					
This formation is commingled with another formation:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): 4934		Max pressure during treatment (psi): 4713			
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): 0.71			
Total acid used in treatment (bbl): 0		Number of staged intervals: 1			
Recycled water used in treatment (bbl): 0		Flowback volume recovered (bbl): 920			
Fresh water used in treatment (bbl): 4934		Disposition method for flowback: DISPOSAL			
Total proppant used (lbs): 154960		Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>			
Reason why green completion not utilized: _____					
<b>Fracture stimulations must be reported on FracFocus.org</b>					
<b>Test Information:</b>					
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: NIOBRARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: End Date: Date of First Production this formation: 06/30/2007

Perforations Top: 6930 Bottom: 7268 No. Holes: 275 Hole size: 0.38

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**

**Test Information:**

Date: 07/26/2012 Hours: 24 Bbl oil: 8 Mcf Gas: 20 Bbl H2O: 12

Calculated 24 hour rate: Bbl oil: 8 Mcf Gas: 20 Bbl H2O: 12 GOR: 2500

Test Method: Flowing Casing PSI: 1000 Tubing PSI: 700 Choke Size: 28/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1321 API Gravity Oil: 45

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7236 Tbg setting date: 07/17/2012 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: 07/13/2012 End Date: 07/13/2012 Date of First Production this formation: 06/30/2007  
Perforations Top: 6930 Bottom: 7142 No. Holes: 135 Hole size: 0.38  
Provide a brief summary of the formation treatment: Open Hole: ☐

ReFrac Perf Niobrara A 6931' - 6934', Niobrara B 7058' - 7063', Niobrara C 7135' - 7142'.  
Niobrara frac Treatment Totals: Total 200,260 lbs 40/70 Ottawa, 4,000 lbs 20/40 SLC Pumped 0.5 ppa to 2.0 ppa in 4313 bbls of slickwater. Total fluid pumped 5997.7 bbls.

This formation is commingled with another formation: ☒ Yes ☐ No  
Total fluid used in treatment (bbl): 5998 Max pressure during treatment (psi): 5251  
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): 0.94  
Total acid used in treatment (bbl): 0 Number of staged intervals: 1  
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 920  
Fresh water used in treatment (bbl): 5998 Disposition method for flowback: DISPOSAL  
Total proppant used (lbs): 204260 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:**

This Form 5A is for a Niobrara - Codell refrac performed on 7/13/2012.  
The date of first production for the Codell, Niobrara, and combined Niobrara-Codell tab has been updated to show the correct date.  
The original approved Form 5A (Doc # 1913847) had incorrectly reported the # perf holes on the Niobrara formation, and therefore the approved Form 5A (Doc # 1838132) reported the incorrect number of perf holes. The original frac job on 06/29/2007 shot 90 perforations in Niobrara formation. Therefore, the Form 5A (Doc # 1838132) should have reported 170 perfs for the entire wellbore. The refrac on 7/13/2012 shot 45 perforations in the Niobrara for a total of 135 perfs in the Niobrara, 60 perforations in the Codell for a total of 140 perfs in the Codell. The combined wellbore has the correctly reported 275 perforations.

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

		Stamp Upon Approval
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Total: 0 comment(s)