

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:

400345865

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: 1700 BROADWAY SUITE 650
City: DENVER State: CO Zip: 80290
4. Contact Name: Shannon Hartnett
Phone: (303) 830-9893
Fax: (866) 522-1673

5. API Number 05-123-32968-00
6. County: WELD
7. Well Name: BINDER
Well Number: 2-4-20
8. Location: QtrQtr: NESW Section: 20 Township: 4N Range: 67W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: <u>CODELL</u>		Status: <u>COMMINGLED</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>02/18/2012</u>		End Date: <u>02/18/2012</u>		Date of First Production this formation: <u>04/18/2012</u>	
Perforations	Top: <u>7350</u>	Bottom: <u>7370</u>	No. Holes: <u>38</u>	Hole size: <u>7/20</u>	

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

Codell Frac Treatment
 Codell Treatment Totals: Cln Fluid: 4139.0 bbls, Sand Laden Fluid: 2638.8 bbls, Proppant: 115,680 lbs 30/50, ATP: 4738 psi, ATR: 60.5 bpm, MTP: 5374 psi, MTR: 60.7 bpm.

This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): <u>4139</u>	Max pressure during treatment (psi): <u>5374</u>
Total gas used in treatment (mcf): <u>0</u>	Fluid density at initial fracture (lbs/gal): <u>8.34</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.86</u>
Total acid used in treatment (bbl): <u>0</u>	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): <u>0</u>	Flowback volume recovered (bbl): <u>1732</u>
Fresh water used in treatment (bbl): <u>4139</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>115680</u>	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>

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: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____
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** 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: 04/18/2012	
Perforations	Top: 7061	Bottom: 7370	No. Holes: 57	Hole size: 7/20	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: <input type="checkbox"/>		
Reason why green completion not utilized: _____					
Fracture stimulations must be reported on FracFocus.org					
Test Information:					
Date: 04/19/2012	Hours: 24	Bbl oil: 400	Mcf Gas: 206	Bbl H2O: 58	
Calculated 24 hour rate:	Bbl oil: 400	Mcf Gas: 206	Bbl H2O: 6	GOR: 0	
Test Method: Test Separator	Casing PSI: 1900	Tubing PSI: 1300	Choke Size: 12/64		
Gas Disposition: SOLD	Gas Type: WET	Btu Gas: 1357	API Gravity Oil: 47		
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 Status: COMMINGLED Treatment Type: FRACTURE STIMULATION
Treatment Date: 03/04/2012 End Date: 03/04/2012 Date of First Production this formation: 04/18/2012
Perforations Top: 7061 Bottom: 7230 No. Holes: 19 Hole size: 7/20
Provide a brief summary of the formation treatment: Open Hole: ☐

Niobrara Frac Treatment

Niobrara Treatment Totals: CIn Fluid: 5946.2 bbls, Sand Laden Fluid: 4343.9 bbls, Proppant: 199,1400 lbs 40/50, 4000 20/40 SLC
ATP: 4473 psi, ATR: 59.7 bpm, MTP: 5525 psi, MTR: 60.2 bpm.

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

Total fluid used in treatment (bbl): 5946 Max pressure during treatment (psi): 5525
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): 0.87
Total acid used in treatment (bbl): 0 Number of staged intervals: 1
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1732
Fresh water used in treatment (bbl): 5946 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 203140 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: Email: regulatorypermitting@gwogco.com

Attachment Check List

Att Doc Num	Name
400354117	CEMENT JOB SUMMARY
400354118	CEMENT JOB SUMMARY

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)