

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:

400345862

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

4. Contact Name: Shannon Hartnett

2. Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Phone: (303) 830-9893

3. Address: 1700 BROADWAY SUITE 650

Fax: (866) 522-1673

City: DENVER State: CO Zip: 80290

5. API Number 05-123-32765-00

6. County: WELD

7. Well Name: BINDER

Well Number: 0-6-20

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>02/19/2012</u>		End Date: <u>02/19/2012</u>		Date of First Production this formation: <u>04/18/2012</u>	
Perforations	Top: <u>7864</u>	Bottom: <u>7884</u>	No. Holes: <u>37</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: 3986.3 bbls, Sand Laden Fluid: 2496.5 bbls, Proppant: 1111,780 lbs 30/50, ATP: 4660 psi, ATR: 59.1 bpm, MTP: 5858 psi, MTR: 59.2 bpm.

This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): <u>3986</u>	Max pressure during treatment (psi): <u>5858</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>0.83</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>545</u>
Fresh water used in treatment (bbl): <u>3986</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>111780</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: 7563 Bottom: 4884 No. Holes: 53 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

Test Information:

Date: 04/18/2012 Hours: 24 Bbl oil: 169 Mcf Gas: 206 Bbl H2O: 58

Calculated 24 hour rate: Bbl oil: 169 Mcf Gas: 206 Bbl H2O: 6 GOR: 0

Test Method: Test Separator Casing PSI: 2100 Tubing PSI: 240 Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1361 API Gravity Oil: 52

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: 03/03/2012 End Date: 03/03/2012 Date of First Production this formation: 04/18/2012
Perforations Top: 7563 Bottom: 7735 No. Holes: 16 Hole size: 7/20
Provide a brief summary of the formation treatment: Open Hole: ☐

Niobrara Frac Treatment

Niobrara Treatment Totals: CIn Fluid: 5960.3 bbls, Sand Laden Fluid: 4324.8 bbls, Proppant: 200,380 lbs 40/50, 4000 20/40 SLC ATP: 4644 psi, ATR: 61.2 bpm, MTP: 6419 psi, MTR: 61.4 bpm.

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

Total fluid used in treatment (bbl):	5960	Max pressure during treatment (psi):	6419
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):	0.86
Total acid used in treatment (bbl):	0	Number of staged intervals:	1
Recycled water used in treatment (bbl):	0	Flowback volume recovered (bbl):	545
Fresh water used in treatment (bbl):	5960	Disposition method for flowback:	DISPOSAL
Total proppant used (lbs):	204380	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: ☐ 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
400354111	CEMENT JOB SUMMARY
400354113	CEMENT JOB SUMMARY

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)