

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:

400480020

Date Received:

09/12/2013

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 05-123-33549-00
6. County: WELD
7. Well Name: FRITZLER
Well Number: 43-17
8. Location: QtrQtr: NESE Section: 17 Township: 6N Range: 66W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/14/2012 End Date: 10/11/2012 Date of First Production this formation: 11/20/2012

Perforations Top: 7353 Bottom: 7367 No. Holes: 44 Hole size: 7/20

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

Total 115,520 lbs 30/50 Ottawa, Pumped 0.5 ppa to 2.0 ppa in 2608 bbls of fluid. Total fluid pumped 4089.3 bbls.

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

Total fluid used in treatment (bbl): 4089 Max pressure during treatment (psi): 5413

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): 810

Fresh water used in treatment (bbl): 4089 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 115520 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.

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: _____ End Date: _____ Date of First Production this formation: 11/20/2012

Perforations Top: 7049 Bottom: 7367 No. Holes: 74 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: 11/21/2012 Hours: 24 Bbl oil: 212 Mcf Gas: 120 Bbl H2O: 16

Calculated 24 hour rate: Bbl oil: 212 Mcf Gas: 120 Bbl H2O: 2 GOR: 566

Test Method: Test Separator Casing PSI: 2067 Tubing PSI: 1100 Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1254 API Gravity Oil: 49

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: 10/11/2012 End Date: 10/11/2012 Date of First Production this formation: 11/20/2012

Perforations Top: 7049 Bottom: 7055 No. Holes: 30 Hole size: 7/20

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

Total 204,360 lbs 40/70 Ottawa, 4,000 lbs 20/40 SLC Pumped 0.5 ppa to 2.0 ppa in 4224 bbls of fluid. Total fluid pumped 6358.0 bbls.

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

Total fluid used in treatment (bbl): 6358 Max pressure during treatment (psi): 5763

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): 810

Fresh water used in treatment (bbl): 6358 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 204360 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: 9/12/2013 Email: regulatorypermitting@gwogco.com

Attachment Check List

Att Doc Num **Name**

400480020 FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Resolution of perfs given by opr.	3/6/2014 4:22:43 PM
Permit	Second request for resolution of Codell top and perfs.	5/13/2014 8:06:15 AM
Permit	Received frac summaries.	2/21/2014 9:21:05 AM
Permit	Codell perfs do not look correct (Codell top is 7253) Missing frac summaries for Niobrara and Codell.	2/13/2014 1:44:23 PM

Total: 4 comment(s)