FORM 5A Rev 06/12

State of Colorado
Oil and Gas Conservation Commission

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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: 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 05-123-36036-00
6. County: WELD
7. Well Name: Andrews
Well Number: 26-23
8. Location: QtrQtr: SESW Section: 26 Township: 7N Range: 65W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/19/2012 End Date: 11/19/2012 Date of First Production this formation: 12/18/2012

Perforations Top: 7308 Bottom: 7323 No. Holes: 31 Hole size: 7/20

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

Codell frac Treatment Totals: Total 115,520 lbs 30/50 Ottawa, Pumped 0.5 ppa to 2.0 ppa in 2656 bbls of fluid. Total fluid pumped 4203.7 bbls.

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

Total fluid used in treatment (bbl): 4204
Max pressure during treatment (psi): 5150
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): 1209
Fresh water used in treatment (bbl): 4204
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: 12/18/2012

Perforations Top: 7105 Bottom: 7323 No. Holes: 55 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: 11/01/2012 Hours: 24 Bbl oil: 36 Mcf Gas: 18 Bbl H2O: 74

Calculated 24 hour rate: Bbl oil: 36 Mcf Gas: 18 Bbl H2O: 7 GOR: 520

Test Method: Test Seperator Casing PSI: 675 Tubing PSI: Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1240 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: 11/19/2012 End Date: 11/19/2012 Date of First Production this formation: 12/18/2012

Perforations Top: 7105 Bottom: 7209 No. Holes: 24 Hole size: 7/20

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

Niobrara frac Treatment Totals: Total 201,060 lbs 40/70 Ottawa, 4,000 lbs 20/40 SLC Pumped 0.5 ppa to 2.0 ppa in 4156 bbls of fluid. Total fluid pumped 5273.5 bbls.

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

Total fluid used in treatment (bbl): 5274 Max pressure during treatment (psi): 5559

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): 0.95

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

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1209

Fresh water used in treatment (bbl): 5274 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.

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
400480052	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date
Permit	Received frac summaries. Ready to pass.	1/7/2014 9:47:50 AM
Permit	Requested frac summaries for Niobrara and Codell.	1/6/2014 3:08:49 PM

Total: 2 comment(s)