

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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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: Miracle Pfister Phone: (303) 398-0550 Fax: Email: regulatorypermitting@gwogco.com

5. API Number 05-123-27277-00 6. County: WELD 7. Well Name: GREAT WESTERN Well Number: 27-43 8. Location: QtrQtr: NESE Section: 27 Township: 6N Range: 67W Meridian: 6 9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/29/2012 End Date: 06/29/2012 Date of First Production this formation: 06/14/2007 Perforations Top: 7134 Bottom: 7154 No. Holes: 125 Hole size: 0.38

Provide a brief summary of the formation treatment: Open Hole: []

ReFrac Perf 7134-7149. Total 150,960 lbs 30/50 Ottawa, 4,000 lbs 20/40 SLC Pumped 0.5 ppa to 2.0 ppa in 3325 bbls of slickwater. Total fluid pumped 4948 bbls.

This formation is commingled with another formation: [X] Yes [] No Total fluid used in treatment (bbl): 4948 Max pressure during treatment (psi): 4388 Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.34 Type of gas used in treatment: Min frac gradient (psi/ft): 0.78 Total acid used in treatment (bbl): 0 Number of staged intervals: 1 Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 363 Fresh water used in treatment (bbl): 4948 Disposition method for flowback: DISPOSAL Total proppant used (lbs): 154960 Rule 805 green completion techniques were utilized: [X] 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: _____

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

Perforations Top: 6826 Bottom: 7154 No. Holes: 269 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: 07/25/2012 Hours: 24 Bbl oil: 8 Mcf Gas: 22 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 8 Mcf Gas: 22 Bbl H2O: 0 GOR: 2750

Test Method: Flowing Casing PSI: 1400 Tubing PSI: 1100 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1316 API Gravity Oil: 45

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7123 Tbg setting date: 07/08/2012 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: 07/03/2012 End Date: 07/03/2012 Date of First Production this formation: 06/30/2007

Perforations Top: 6826 Bottom: 7031 No. Holes: 144 Hole size: 0.38

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

ReFrac Perf Niobrara A 6827' - 6830', Niobrara B 6955' - 6960', Niobrara C 7024' - 7031'. Niobrara frac Treatment Totals: Total 200,440 lbs 30/50 Ottawa, 4,000 lbs 20/40 SLC Pumped 0.5 ppa to 2.0 ppa in 4438 bbls of slickwater. Total fluid pumped 6083 bbls.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 6083 Max pressure during treatment (psi): 4890

Total gas used in treatment (mcf): 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): 1491

Fresh water used in treatment (bbl): 6083 Disposition method for flowback:

Total proppant used (lbs): 204440 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 Codell-Niobrara refrac performed on 6/29/2012 and 7/3/2012. 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 # 1914847) had incorrectly reported the # perf holes in the Niobrara, and therefore the Form 5A (Doc # 1838189) for the Nio-Codl combined tab was also incorrectly reported. The original frac job on 06/29/2007 shot 99 perforations in Niobrara formation. The Form 5A (Doc # 1838189) should have reported the total perforations in the wellbore to be 179 (original 80 perfs in codell was correct). The refrac on 7/3/2012 shot 45 perforations for a total of 144 perforation in the Niobrara. The refrac on 6/29/2012 shot 45 perfs in the Codell for a total of 125 perfs in the Codell formation. The combined number of perfs in the entire wellbore is 269.

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: 2/8/2018 Email: jdesmond@gwogco.com

Attachment Check List

Table with 2 columns: Att Doc Num, Name. Row 1: 401000917, FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to draft for AOC settlement.	12/07/2016

Total: 1 comment(s)