

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



DE ET OE ES

Document Number:

402034296

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: 1001 17TH STREET #2000  
City: DENVER State: CO Zip: 80202  
4. Contact Name: Renee Kendrick  
Phone: (720) 595-2114  
Fax:  
Email: rkendrick@gwogco.com

5. API Number 05-001-10255-00  
6. County: ADAMS  
7. Well Name: Schaefer LD  
Well Number: 13-032HN  
8. Location: QtrQtr: SWSE Section: 24 Township: 1S Range: 67W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

### Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/19/2019 End Date: 04/03/2019 Date of First Production this formation: 04/27/2019

Perforations Top: 8186 Bottom: 17720 No. Holes: 1664 Hole size: 19/50

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

1,877 bbls 15% HCL Acid; 806,740# 100 Mesh Sand; 8,774,693# 20/40 Sand; 211,392 bbls Gelled Fluid; Flowback determined from well test separator

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

Total fluid used in treatment (bbl): 213269 Max pressure during treatment (psi): 4344

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): 0.83

Total acid used in treatment (bbl): 1877 Number of staged intervals: 64

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 25480

Fresh water used in treatment (bbl): 211392 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 9581433 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

### Test Information:

Date: 04/27/2019 Hours: 24 Bbl oil: 260 Mcf Gas: 238 Bbl H2O: 890

Calculated 24 hour rate: Bbl oil: 260 Mcf Gas: 238 Bbl H2O: 890 GOR: 915

Test Method: Flowing Casing PSI: 2251 Tubing PSI: 1374 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1341 API Gravity Oil: 42

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7791 Tbg setting date: 04/18/2019 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:

The bottom of the completed interval is at 527' FNL, and 2378' FEL of Section 13. During stimulation the wellbore was isolated by a composite bridge plug set at 17738'. The toe sleeve is @ 17,775', with zonal isolation below this point provided by cement from 17,775-18,011' behind pipe and 18,000-18,011' inside the production casing, see cement job summary. Great Western certifies that none of the wellbore beyond the unit boundary setback was completed..

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_

Print Name: Renee Kendrick \_\_\_\_\_

Title: Sr Regulatory Analyst \_\_\_\_\_

Date: \_\_\_\_\_

Email rkendrick@gwogco.com \_\_\_\_\_

:

### Attachment Check List

Att Doc Num      Name

|           |                    |
|-----------|--------------------|
| 402151391 | CEMENT JOB SUMMARY |
|-----------|--------------------|

Total Attach: 1 Files

### General Comments

User Group      Comment      Comment Date

|        |  |            |
|--------|--|------------|
| Permit | Returned to Draft:<br>•Bulk Return Threshold has been exceeded. Form was not reviewed. | 09/13/2019 |
|--------|--|------------|

Total: 1 comment(s)