

FORM
5ARev
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:

402096719

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: Miracle Pfister
 Phone: (720) 595-2250
 Fax:
 Email: regulatorypermitting@gwogco.com

5. API Number 05-123-44984-00
 6. County: WELD
 7. Well Name: Raindance FD
 Well Number: 20-322HN
 8. Location: QtrQtr: NENE Section: 30 Township: 6N Range: 67W Meridian: 6
 9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/06/2019 End Date: 05/14/2019 Date of First Production this formation: 07/15/2019

Perforations Top: 7802 Bottom: 12233 No. Holes: 780 Hole size: 38/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

833 bbls 15% HCL Acid; 362,920# 100 Mesh Sand; 4,140,439# 20/40 Sand; 96,268 bbls Gelled Fluid; Flowback determined from well test separator

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

Total fluid used in treatment (bbl): 97101

Max pressure during treatment (psi): 5109

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.33

Type of gas used in treatment:

Min frac gradient (psi/ft): 1.07

Total acid used in treatment (bbl): 833

Number of staged intervals: 30

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 14403

Fresh water used in treatment (bbl): 96268

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4503359

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 07/18/2019 Hours: 24 Bbl oil: 524 Mcf Gas: 812 Bbl H2O: 253
 Calculated 24 hour rate: Bbl oil: 524 Mcf Gas: 812 Bbl H2O: 253 GOR: 1550
 Test Method: Flowing Casing PSI: 1646 Tubing PSI: 597 Choke Size: 22/64
 Gas Disposition: SOLD Gas Type: WET Btu Gas: 1250 API Gravity Oil: 43
 Tubing Size: 2 + 3/8 Tubing Setting Depth: 7406 Tbg setting date: 06/01/2019 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:

--

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: _____

Email: jdesmond@gwogco.com

:

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>

Total Attach: 0 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)