

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



Table with columns DE, ET, OE, ES

Document Number: 400930281

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: 10439
2. Name of Operator: CARRIZO NIOBRARA LLC
3. Address: 500 DALLAS STREET #2300
City: HOUSTON State: TX Zip: 77002
4. Contact Name: CAROL PRUITT
Phone: (713) 328-1000
Fax: (713) 328-1060
Email: CAROL.PRUITT@CRZO.NET

5. API Number 05-123-36338-00
6. County: WELD
7. Well Name: Pergamos
Well Number: 1-4-34-7-60
8. Location: QtrQtr: SESE Section: 4 Township: 7N Range: 60W Meridian: 6
9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/26/2013 End Date: 06/29/2013 Date of First Production this formation: 07/04/2013
Perforations Top: 6679 Bottom: 10690 No. Holes: 390 Hole size: 0.4

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

FRACTURE STIMULATED PERFORATIONS 6679' - 10690' W/ 2,567,423 LBS OF 20/40 SAND + 492,543 LBS OF 40/70 SAND AND 77,362 BBLS FLUID IN 13 STAGES. NO GAS USED IN THIS TREATMENT.

This formation is commingled with another formation: [ ] Yes [X] No

Total fluid used in treatment (bbl): 77362 Max pressure during treatment (psi): 6611
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.90
Type of gas used in treatment: Min frac gradient (psi/ft): 0.91
Total acid used in treatment (bbl): 686 Number of staged intervals: 13
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 29397
Fresh water used in treatment (bbl): 76676 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 3059966 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: 07/14/2013 Hours: 24 Bbl oil: 231 Mcf Gas: 189 Bbl H2O: 577
Calculated 24 hour rate: Bbl oil: 231 Mcf Gas: 189 Bbl H2O: 577 GOR: 818
Test Method: 24 HR FLOWBACK Casing PSI: 200 Tubing PSI: Choke Size: 26/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1240 API Gravity Oil: 37
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6050 Tbg setting date: 07/10/2013 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:

GAS ANALYSIS ATTACHED AS "OTHER". FORM 10 SUBMITTED, DOC. NO 400930331

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

Signed: \_\_\_\_\_ Print Name: CAROL PRUITT

Title: REGULATORY COMPLIANCE Date: \_\_\_\_\_ Email CAROL.PRUITT@CRZO.NET  
:

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400930330	OTHER

Total Attach: 1 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)