

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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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 4. Contact Name: MADELON RANEY
2. Name of Operator: CARRIZO NIOBRARA LLC Phone: (713) 358-6218
3. Address: 500 DALLAS STREET #2300 City: HOUSTON State: TX Zip: 77002 Fax: Email: madelon.raney@crzo.net

5. API Number 05-123-36864-00 6. County: WELD
7. Well Name: Nelson Well Number: 5-17-9-60
8. Location: QtrQtr: SESW Section: 17 Township: 9N 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: 06/12/2013 End Date: 06/13/2013 Date of First Production this formation: 06/22/2013

Perforations Top: 6645 Bottom: 10835 No. Holes: Hole size:

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

FRACTURE STIMULATED IN 14 STAGES THROUGH A PORT AND PACKER SYSTEM WITH 2,956,214 LBS 20/40 SAND AND 49,870 BBLS FRESH WATER. GAS OR ACID WAS NOT USED.

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

Total fluid used in treatment (bbl): 49870 Max pressure during treatment (psi): 6248

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.90

Type of gas used in treatment: Min frac gradient (psi/ft): 0.80

Total acid used in treatment (bbl): 0 Number of staged intervals: 14

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 18951

Fresh water used in treatment (bbl): 49870 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 2956214 Rule 805 green completion techniques were utilized: [ ]

Reason why green completion not utilized: PIPELINE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/29/2013 Hours: 24 Bbl oil: 157 Mcf Gas: 56 Bbl H2O: 346

Calculated 24 hour rate: Bbl oil: 157 Mcf Gas: 56 Bbl H2O: 346 GOR: 280

Test Method: 24 HR FLOWBACK Casing PSI: 60 Tubing PSI: 0 Choke Size: 28

Gas Disposition: FLARED Gas Type: WET Btu Gas: 1195 API Gravity Oil: 32

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6055 Tbg setting date: 07/03/2013 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 IS ATTACHED AND WAS RAN AT A LATER DATE THAN THE TEST.

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

Signed: \_\_\_\_\_ Print Name: Madelon Raney

Title: Regulatory Compl. Analyst Date: \_\_\_\_\_ Email: madelon.raney@crzo.net  
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### Attachment Check List

**Att Doc Num**      **Name**

400944233	OTHER
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Total Attach: 1 Files

### General Comments

**User Group**      **Comment**      **Comment Date**

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Total: 0 comment(s)