

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 05-123-37239-00 6. County: WELD
7. Well Name: Shull Well Number: 1-35-9-60
8. Location: QtrQtr: NENE Section: 35 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: 10/13/2014 End Date: 10/14/2014 Date of First Production this formation: 10/22/2014

Perforations Top: 6423 Bottom: 10722 No. Holes: Hole size:

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

FRAC STIMULATION IN 15 STAGES THROUGH A PORT AND PACKER SYSTEM WITH 3,255,342 LBS 20/40 SAND AND 49,417 BBLs FRESH WATER. NO GAS OR ACID WAS USED.

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

Total fluid used in treatment (bbl): 49717 Max pressure during treatment (psi): 6079

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): 0.83

Total acid used in treatment (bbl): 0 Number of staged intervals: 15

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 18892

Fresh water used in treatment (bbl): 49717 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3255342 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: 10/25/2014 Hours: 24 Bbl oil: 279 Mcf Gas: 0 Bbl H2O: 926

Calculated 24 hour rate: Bbl oil: 279 Mcf Gas: 0 Bbl H2O: 926 GOR: 0

Test Method: 24 HR FLOWBACK Casing PSI: 165 Tubing PSI: 0 Choke Size: 35

Gas Disposition: Gas Type: WET Btu Gas: 1221 API Gravity Oil: 35

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6271 Tbg setting date: 10/30/2014 Packer Depth:

Reason for Non-Production: NO GAS WAS PRODUCING AT TIME OF TEST

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 attached Gas Analysis 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

<u>Att Doc Num</u>	<u>Name</u>
400924864	OTHER

Total Attach: 1 Files

### General Comments

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

Total: 0 comment(s)