

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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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: MADELON RANEY
Phone: (713) 358-6218
Fax:
Email: madelon.raney@crzo.net

5. API Number 05-123-36869-00
6. County: WELD
7. Well Name: Nelson
Well Number: 4-17-9-60
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: 06/05/2013 End Date: 06/06/2013 Date of First Production this formation: 06/22/2013

Perforations Top: 6441 Bottom: 10754 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 2,761,759 LBS 20/40 SAND AND 47,888 BBLs OF FRESH WATER. NO GAS OR ACID WAS USED.

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

Total fluid used in treatment (bbl): 47888 Max pressure during treatment (psi): 4893

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): 0.81

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

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 18197

Fresh water used in treatment (bbl): 47888 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 2761759 Rule 805 green completion techniques were utilized: [ ]

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 07/09/2013 Hours: 24 Bbl oil: 479 Mcf Gas: 297 Bbl H2O: 621

Calculated 24 hour rate: Bbl oil: 479 Mcf Gas: 297 Bbl H2O: 621 GOR: 1612

Test Method: 24 HR FLOWBACK Casing PSI: 310 Tubing PSI: 3250 Choke Size: 28

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1211 API Gravity Oil: 34

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6050 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: 11/30/2015 Email: madelon.raney@crzo.

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400944047	FORM 5A SUBMITTED
400944056	OTHER

Total Attach: 2 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	• GOR calculation is incorrect, should be gas/oil x 1000 = 620	7/12/2016 3:26:47 PM

Total: 1 comment(s)