

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



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Document Number:

400904133

Date Received:

09/23/2015

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 05-123-37245-00  
6. County: WELD  
7. Well Name: Shull  
Well Number: 2-25-9-60  
8. Location: QtrQtr: SESE Section: 25 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: 08/09/2013 End Date: 08/10/2013 Date of First Production this formation: 08/16/2013

Perforations Top: 6549 Bottom: 10580 No. Holes: Hole size:

Provide a brief summary of the formation treatment: Open Hole: ☒

FRACTURE STIMULATED IN 14 STAGES THROUGH A PORT AND PACKER SYSTEM WITH 3,083,114 LBS OF 20/40 SAND AND 48,146 BBLS FRESH WATER.

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

Total fluid used in treatment (bbl): 48146 Max pressure during treatment (psi): 5257

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): 82.00

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

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 5485

Fresh water used in treatment (bbl): 48146 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3083114 Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PIPELINE

Fracture stimulations must be reported on [FracFocus.org](http://FracFocus.org)

Test Information:

Date: 08/27/2013 Hours: 24 Bbl oil: 251 Mcf Gas: 8 Bbl H2O: 410

Calculated 24 hour rate: Bbl oil: 251 Mcf Gas: 8 Bbl H2O: 410 GOR:

Test Method: 24 HOUR FLOWBA Casing PSI: 190 Tubing PSI: 0 Choke Size: 32

Gas Disposition: FLARED Gas Type: WET Btu Gas: 1182 API Gravity Oil: 34

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6075 Tbg setting date: 02/12/2014 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:

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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: 9/23/2015 Email MADELON.RANEY@CRZO.NET  
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