

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:

400929048

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: Jeff Annable  
Phone: (303) 928-7128  
Fax: (303) 2185678  
Email: regulatory@petro-fs.com

5. API Number 05-123-38453-00  
6. County: WELD  
7. Well Name: STATE  
Well Number: 4-16-9-60  
8. Location: QtrQtr: NWNW Section: 16 Township: 9N Range: 60W Meridian: 6  
9. Field Name: WILDCAT Field Code: 99999

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/12/2014 End Date: 02/13/2014 Date of First Production this formation: 02/21/2014

Perforations Top: 6774 Bottom: 10769 No. Holes: Hole size:

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

Fracture stimulated through a 14 stage port and packer system with 3,454,614 lbs of sand and 57,965 bbls of fresh water.

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

Total fluid used in treatment (bbl): 57965 Max pressure during treatment (psi): 5622

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): 0.79

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

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 18549

Fresh water used in treatment (bbl): 57965 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3454614 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: 02/21/2014 Hours: 24 Bbl oil: 30 Mcf Gas: 0 Bbl H2O: 917

Calculated 24 hour rate: Bbl oil: 30 Mcf Gas: 0 Bbl H2O: 907 GOR: 0

Test Method: 24 Hour Flowbac Casing PSI: 129 Tubing PSI: Choke Size: 24/64

Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 35

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6210 Tbg setting date: 03/13/2014 Packer Depth: 6204

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 wasn't produced during the test period but is being produced currently. The gas has since been analyzed and the analysis is attached as OTHER.

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

Signed: \_\_\_\_\_ Print Name: Jeff Annable

Title: Regulatory Analyst Date: \_\_\_\_\_ Email regulatory@petro-fs.com  
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### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400929102	OTHER
400929103	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

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

Total: 0 comment(s)