

FORM  
5ARev  
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



DE ET OE ES

Document Number:

400933217

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 05-123-38452-00

7. Well Name: STATE

6. County: WELD

Well Number: 3-16-9-60

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: 02/10/2014

End Date: 02/12/2014

Date of First Production this formation: 02/21/2014

Perforations

Top: 6794

Bottom: 10758

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 3,463,583 lbs of sand and 55,047 bbls of fresh water.

This formation is commingled with another formation:

☐ Yes☒ No

Total fluid used in treatment (bbl): 55047

Max pressure during treatment (psi): 4749

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): 0.80

Total acid used in treatment (bbl):

Number of staged intervals: 14

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 17615

Fresh water used in treatment (bbl): 55047

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3463583

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: 20

Mcf Gas: 0

Bbl H2O: 837

Calculated 24 hour rate:

Bbl oil: 20

Mcf Gas: 0

Bbl H2O: 837

GOR: 0

Test Method: 24 Hour Flowbac

Casing PSI: 102

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: 5950

Tbg setting date: 03/11/2014

Packer Depth: 5944

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  
:

### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400933239	OTHER
400933240	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)