

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:

400905153

Date Received:

10/01/2015

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: Jeff Annable  
Phone: (303) 928-7128  
Fax: (303) 218-5678  
Email: regulatory@petro-fs.com

5. API Number 05-123-40454-00  
6. County: WELD  
7. Well Name: TIMBRO RANCH  
Well Number: 2-3-9-59  
8. Location: QtrQtr: Lot 2 Section: 3 Township: 9N Range: 59W Meridian: 6  
9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/10/2015 End Date: 05/11/2015 Date of First Production this formation: 05/19/2015

Perforations Top: 6568 Bottom: 10508 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 3,017,012 lbs of 20/40 sand and 47,120 bbls of fresh water.

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

Total fluid used in treatment (bbl): 47120 Max pressure during treatment (psi): 5853

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): 15078

Fresh water used in treatment (bbl): 47120 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3017012 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: 05/19/2015 Hours: 24 Bbl oil: 151 Mcf Gas: 0 Bbl H2O: 834

Calculated 24 hour rate: Bbl oil: 151 Mcf Gas: 0 Bbl H2O: 834 GOR: 0

Test Method: 24 Hour Flowbac Casing PSI: 175 Tubing PSI: Choke Size: 28

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

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6400 Tbg setting date: 09/16/2015 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:

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: 10/1/2015 Email: regulatory@petro-fs.com  
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### **Attachment Check List**

**Att Doc Num**      **Name**

400905153	FORM 5A SUBMITTED
400906231	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

**User Group**      **Comment**      **Comment Date**

Agency	Added GOR per the operator.	12/11/2015 1:51:29 PM
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Total: 1 comment(s)