

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

5. API Number 05-123-40525-00
6. County: WELD
7. Well Name: TIMBRO RANCH
Well Number: 2-34-10-59
8. Location: QtrQtr: LOT2 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: 05/11/2015 End Date: 05/12/2015 Date of First Production this formation: 05/18/2015

Perforations Top: 6596 Bottom: 10591 No. Holes: Hole size:

Provide a brief summary of the formation treatment: Open Hole: [X]

Fracture stimulated through a 14 stage port and packer system with 3,021,664 lbs 20/40 sand and 47,715 bbls of fresh water.

This formation is commingled with another formation: [] Yes [X] No
Total fluid used in treatment (bbl): 47715
Max pressure during treatment (psi): 5815
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): 0.81
Total acid used in treatment (bbl):
Number of staged intervals: 14
Recycled water used in treatment (bbl):
Flowback volume recovered (bbl): 15269
Fresh water used in treatment (bbl): 47715
Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 3021664
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: 05/18/2015 Hours: 24 Bbl oil: 184 Mcf Gas: 0 Bbl H2O: 1047
Calculated 24 hour rate: Bbl oil: 184 Mcf Gas: 0 Bbl H2O: 1047 GOR: 0
Test Method: 24 Hour Flowbac Casing PSI: 230 Tubing PSI: Choke Size: 28
Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 35
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6409 Tbg setting date: 09/18/2015 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:

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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: Jeff Annable

Title: Regulatory Analyst Date: 10/1/2015 Email: regulatory@petro-fs.com
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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400906410	FORM 5A SUBMITTED
400906479	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Agency	Added GOR per the operator.	12/11/2015 2:33:59 PM

Total: 1 comment(s)