

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:

401100505

Date Received:

08/29/2016

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: CAROL PRUITT
Phone: (713) 328-1000
Fax: (713) 328-1060
Email: CAROL.PRUITT@CRZO.NET

5. API Number 05-123-40455-00
6. County: WELD
7. Well Name: TIMBRO RANCH
Well Number: 1-3-9-59
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: 08/06/2016 End Date: 08/07/2016 Date of First Production this formation: 08/15/2016

Perforations Top: 6602 Bottom: 10558 No. Holes: Hole size:

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

14 stages: FRAC'D THROUGH A PORT AND PACKER SYSTEM W/ 122,997 BBLS FRESHWATER & 4,045,073 LBS SAND. NO GAS OR ACID USED IN THIS TREATMENT.

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

Total fluid used in treatment (bbl): 122997 Max pressure during treatment (psi): 4693

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 9.34

Type of gas used in treatment: Min frac gradient (psi/ft): 0.70

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

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 45508

Fresh water used in treatment (bbl): 122997 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4045073 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/22/2016 Hours: 24 Bbl oil: 348 Mcf Gas: 201 Bbl H2O: 449

Calculated 24 hour rate: Bbl oil: 348 Mcf Gas: 201 Bbl H2O: 449 GOR: 577

Test Method: 24 HR FLOWBACK Casing PSI: 240 Tubing PSI: Choke Size: 26/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1342 API Gravity Oil: 37

Tubing Size: Tubing Setting Depth: Tbg setting date: 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:

SWELL PACKER SET AT LEGAL DISTANCE FROM LEASE LINE @ 6,588'-6,602' FORM 5 (DOC NO 400905136) NEEDS TO BE REVISED TO SHOW DIRECTIONAL FOOTAGE AT TOP OF PROD. ZONE @ 680' FNL & 2162' FEL.
NO GAS ANALYSIS AVAILABLE YET - BTU TAKEN FROM A WELL ON SAME DRILL PAD.

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

Signed: _____ Print Name: CAROL PRUITT

Title: REGULATORY COMPLIANCE Date: 8/29/2016 Email CAROL.PRUITT@CRZO.NET

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Attachment Check List

Att Doc Num **Name**

401100505	FORM 5A SUBMITTED
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Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator comments state that base of swell packer set at 6602.	05/20/2018
Permit	• Waiting on operator to provide additional information regarding the top production interval.	10/05/2016

Total: 2 comment(s)