

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: 400365073

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: 10338 4. Contact Name: Tina Taylor  
 2. Name of Operator: CARRIZO OIL & GAS INC Phone: (713) 328-1000  
 3. Address: 500 DALLAS STREET #2300 Fax: (713) 328-1060  
 City: HOUSTON State: TX Zip: 77002

5. API Number 05-123-34404-00 6. County: WELD  
 7. Well Name: HEMBERGER Well Number: 2-25-34-8-60  
 8. Location: QtrQtr: SESE Section: 25 Township: 8N Range: 60W Meridian: 6  
 9. Field Name: \_\_\_\_\_ Field Code: \_\_\_\_\_

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/09/2012 End Date: 10/09/2012 Date of First Production this formation: 10/20/2012

Perforations Top: 8681 Bottom: 10487 No. Holes: 8 Hole size: 2 + 3/4

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Fracture stimulated through a port and packer system with 2,442,257 sacks of Ottawa 20/40 sand and 144,000 sacks of CRC 20/40 sand and 2,959,665 with 46,721 total fluid. Swell Packer is @ 6966' Top 6980' Bottom

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 46721 Max pressure during treatment (psi): 7609

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): 8.40

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 3035.00

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: 8

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

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_

Total proppant used (lbs): 2959665 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/20/2012 Hours: 24 Bbl oil: 624 Mcf Gas: 336 Bbl H2O: 744

Calculated 24 hour rate: Bbl oil: 624 Mcf Gas: 336 Bbl H2O: 744 GOR: 538

Test Method: Jet Pump Casing PSI: 260 Tubing PSI: 2700 Choke Size: 48

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1272 API Gravity Oil: 36

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5960 Tbg setting date: 10/19/2012 Packer Depth: 5952

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 is @ 6966' Top 6980' Bottom

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

Signed: \_\_\_\_\_ Print Name: Tina Taylor

Title: Regulatory Compliance Date: \_\_\_\_\_ Email tina.taylor@crzo.net  
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### Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

### General Comments

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

Total: 0 comment(s)