

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



DE ET OE ES

Document Number:

400367842

Date Received:

01/10/2013

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

5. API Number 05-123-35812-00  
6. County: WELD  
7. Well Name: Hemberger  
Well Number: 2-26-34-8-60  
8. Location: QtrQtr: SWSE Section: 26 Township: 8N Range: 60W Meridian: 6  
9. Field Name: WILDCAT Field Code: 99999

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/12/2012 End Date: 11/14/2012 Date of First Production this formation: 11/21/2012

Perforations Top: 6561 Bottom: 10407 No. Holes: 15 Hole size: 2 + 3/4

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

Fracture stimulated through a port and packer system with 3,012,919 lbs Ottawa 20/40 sand and 154,735 lbs CRC 20/40 sand with 3,168,551 Total Proppant pumped.

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

Total fluid used in treatment (bbl): 51830 Max pressure during treatment (psi): 7178

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): 2849.00

Total acid used in treatment (bbl): Number of staged intervals: 15

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

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

Total proppant used (lbs): 3168551 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/07/2012 Hours: 24 Bbl oil: 765 Mcf Gas: 512 Bbl H2O: 264

Calculated 24 hour rate: Bbl oil: 765 Mcf Gas: 512 Bbl H2O: 264 GOR: 669

Test Method: Jet Pump Casing PSI: 300 Tubing PSI: 2200 Choke Size: 32/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1261 API Gravity Oil: 36

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6010 Tbg setting date: 12/01/2012 Packer Depth: 6002

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: Tina Taylor

Title: Regulatory Compliance Date: 1/10/2013 Email tina.taylor@crzo.net  
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### Attachment Check List

Att Doc Num	Name
400367842	FORM 5A SUBMITTED

Total Attach: 1 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Off Hold. Per operator corrected TOP and choke size.	3/14/2013 2:56:22 PM
Permit	On Hold. Requested field name, TOP, Bottom of production, and choke size.	3/5/2013 12:27:48 PM
Permit	On Hold pending form 5 approval.	2/13/2013 1:22:45 PM

Total: 3 comment(s)