

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: 401098255

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: 96155 4. Contact Name: Pauleen Tobin  
 2. Name of Operator: WHITING OIL & GAS CORPORATION Phone: (303) 837-1661  
 3. Address: 1700 BROADWAY STE 2300 Fax: (303) 390-4923  
 City: DENVER State: CO Zip: 80290 Email: pollyt@whiting.com

5. API Number 05-123-38717-00 6. County: WELD  
 7. Well Name: Razor Well Number: 12F-0108B  
 8. Location: QtrQtr: SENW Section: 12 Township: 10N Range: 58W Meridian: 6  
 9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/31/2016 End Date: 04/07/2016 Date of First Production this formation: 05/25/2016

Perforations Top: 6306 Bottom: 13412 No. Holes: 1188 Hole size: 3/8

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

Plug & Perf 3704440# Premium White, 30/50, 77344# Premium White, 40/70, 2260# AccessFrac (diverter agent), 15% HCl.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 177717 Max pressure during treatment (psi): 8382

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.33

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.80

Total acid used in treatment (bbl): 607 Number of staged intervals: 25

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 16130

Fresh water used in treatment (bbl): 177111 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3781784 Rule 805 green completion techniques were utilized:

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

**Fracture stimulations must be reported on FracFocus.org**

Test Information:

Date: 07/16/2016 Hours: 24 Bbl oil: 249 Mcf Gas: 99 Bbl H2O: 896

Calculated 24 hour rate: Bbl oil: 249 Mcf Gas: 99 Bbl H2O: 896 GOR: 398

Test Method: Sep Casing PSI: 890 Tubing PSI: 387 Choke Size: 34/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1339 API Gravity Oil: 32

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6035 Tbg setting date: 05/16/2016 Packer Depth: 6026

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:

Top of producing zone corrected to 2492 FNL 2456 FWL based on top perforation at 6306'.

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

Signed: \_\_\_\_\_ Print Name: Pauleen Tobin

Title: Engineer Tech Date: \_\_\_\_\_ Email pollyt@whiting.com  
:

### Attachment Check List

**Att Doc Num**      **Name**

|           |                  |
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| 401098261 | WELLBORE DIAGRAM |
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Total Attach: 1 Files

### General Comments

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

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Total: 0 comment(s)