

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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Date Received: 02/24/2014

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 AND 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 05-123-37744-00 6. County: WELD  
 7. Well Name: Razor Well Number: 27L-3404B  
 8. Location: QtrQtr: NWSW Section: 27 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: 12/18/2013 End Date: 12/29/2013 Date of First Production this formation: 01/20/2014  
 Perforations Top: 6082 Bottom: 12490 No. Holes: 702 Hole size: 3/8

Provide a brief summary of the formation treatment: Open Hole:   
Plug and Perf, 40 stage frac: 388,776#Jordan Unimin 40/70, 6,107,768#Jordan Unimin, 558,307#CRC 20/40, 156,950 bbls slickwater

This formation is commingled with another formation:  Yes  No  
 Total fluid used in treatment (bbl): 156950 Max pressure during treatment (psi): 6614  
 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): 0 Number of staged intervals: 40  
 Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 26531  
 Fresh water used in treatment (bbl): 156950 Disposition method for flowback: DISPOSAL  
 Total proppant used (lbs): 7275821 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: 02/15/2014 Hours: 24 Bbl oil: 393 Mcf Gas: 275 Bbl H2O: 789  
 Calculated 24 hour rate: Bbl oil: 393 Mcf Gas: 275 Bbl H2O: 789 GOR: 700  
 Test Method: Separator Casing PSI: 760 Tubing PSI: 350 Choke Size: 64/64  
 Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1751 API Gravity Oil: 35  
 Tubing Size: 2 + 7/8 Tubing Setting Depth: 5769 Tbg setting date: 01/31/2014 Packer Depth: 5759

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: Pauleen Tobin

Title: Engineer Tech Date: 2/24/2014 Email pollyt@whiting.com  
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### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400558736	FORM 5A SUBMITTED
400558761	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

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

Total: 0 comment(s)