

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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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 2. Name of Operator: WHITING OIL & GAS CORPORATION 3. Address: 1700 BROADWAY STE 2300 City: DENVER State: CO Zip: 80290 4. Contact Name: Pauleen Tobin Phone: (303) 837-1661 Fax: (303) 495-6780 Email: pollyt@whiting.com

5. API Number 05-123-37767-00 6. County: WELD 7. Well Name: Razor Well Number: 21B-2809A 8. Location: QtrQtr: NWNE Section: 21 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: 01/29/2014 End Date: 02/08/2014 Date of First Production this formation: 03/18/2014

Perforations Top: 6144 Bottom: 12791 No. Holes: 1440 Hole size: 3/8

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

Cemented liner; 126260# 40/70 Jordan, 5654896# 20/40 Jordan, 717 bbls 15% HCl, 129889 bbls slickwater

This formation is commingled with another formation: [ ] Yes [X] No

Total fluid used in treatment (bbl): 130606 Max pressure during treatment (psi): 8843 Total gas used in treatment (mcf): 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): 717 Number of staged intervals: 40 Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 39831 Fresh water used in treatment (bbl): 129889 Disposition method for flowback: DISPOSAL Total proppant used (lbs): 5781156 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: 05/19/2014 Hours: 24 Bbl oil: 53 Mcf Gas: 44 Bbl H2O: 811 Calculated 24 hour rate: Bbl oil: 53 Mcf Gas: 44 Bbl H2O: 811 GOR: 830 Test Method: Separator Casing PSI: 650 Tubing PSI: 240 Choke Size: 39/64 Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1281 API Gravity Oil: 33 Tubing Size: 2 + 7/8 Tubing Setting Depth: 5820 Tbg setting date: 03/04/2014 Packer Depth: 5820

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: 7/24/2014 Email pollyt@whiting.com  
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### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400638520	FORM 5A SUBMITTED
400638585	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>
		Stamp Upon Approval

Total: 0 comment(s)