

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, reoperation 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) 390-4923 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 [X] No Total fluid used in treatment (bbl): 177718 Max pressure during treatment (psi): 8382 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): 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: [X] 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: 8/24/2016 Email pollyt@whiting.com  
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### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
401098255	FORM 5A SUBMITTED
401098261	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)