

FORM  
5ARev  
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:

400558107

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  
 2. Name of Operator: WHITING OIL AND 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 05-123-37730-00  
 6. County: WELD  
 7. Well Name: Razor  
 Well Number: 27L-3401B  
 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: 12/10/2013 End Date: 12/17/2013 Date of First Production this formation: 01/10/2014

Perforations Top: 6078 Bottom: 12445 No. Holes: 720 Hole size:

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

Plug and perf, 40 stage frac 328,800# Jordan Unimin 40/70, 6,306,660# Jordan Unimin 20/40, 545,720# CRC 20/40, 163,852 bbls slickwater

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

Total fluid used in treatment (bbl): 163852 Max pressure during treatment (psi): 7988

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): 37179

Fresh water used in treatment (bbl): 163852 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 7257878 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: 02/11/2014 Hours: 24 Bbl oil: 716 Mcf Gas: 222 Bbl H2O: 722

Calculated 24 hour rate: Bbl oil: 716 Mcf Gas: 222 Bbl H2O: 722 GOR: 310

Test Method: Separator Casing PSI: 760 Tubing PSI: 170 Choke Size: 64/64

Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1389 API Gravity Oil: 34

Tubing Size: 2 + 7/8 Tubing Setting Depth: 5765 Tbg setting date: 01/27/2014 Packer Depth: 5757

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: \_\_\_\_\_ Email pollyt@whiting.com  
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### **Attachment Check List**

**Att Doc Num**      **Name**

400558189	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)