

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:

400907167

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

5. API Number 05-123-38544-00  
 6. County: WELD  
 7. Well Name: Razor Federal  
 Well Number: 12G-1309A  
 8. Location: QtrQtr: SWNE 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: 01/17/2017 End Date: 01/25/2017 Date of First Production this formation: 05/30/2017

Perforations Top: 6469 Bottom: 13896 No. Holes: 1998 Hole size: 3/8

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

50 Stage Plug &amp; Perf, 932543# 100 Mesh, 4116584# 40/70 Prem White sand, 584 bbls 15% HCl, 202302 bbls slickwater

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

Total fluid used in treatment (bbl): 202886

Max pressure during treatment (psi): 8170

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): 0.76

Total acid used in treatment (bbl): 584

Number of staged intervals: 50

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 20014

Fresh water used in treatment (bbl): 202302

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 5049127

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 06/15/2017 Hours: 24 Bbl oil: 261 Mcf Gas: 123 Bbl H2O: 946

Calculated 24 hour rate: Bbl oil: 261 Mcf Gas: 123 Bbl H2O: 946 GOR:

Test Method: Separator Casing PSI: 0 Tubing PSI: 350 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1504 API Gravity Oil: 34

Tubing Size: 3 Tubing Setting Depth: 5915 Tbg setting date: 05/19/2017 Packer Depth: 5905

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**

401318974	WELLBORE DIAGRAM
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Total Attach: 1 Files

### General Comments

**User Group**      **Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)