

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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Document Number:

400808885

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: (303) 390-4923  
Email: pollyt@whiting.com

5. API Number 05-123-39526-00  
6. County: WELD  
7. Well Name: Razor  
Well Number: 21C-0907  
8. Location: QtrQtr: NENW 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: 11/22/2014 End Date: 12/02/2014 Date of First Production this formation: 01/07/2015  
Perforations Top: 6143 Bottom: 13814 No. Holes: 1440 Hole size: 3/8

Provide a brief summary of the formation treatment:

Open Hole: ☐

40-stage Frac: 90731 bbl QuadraFrac XL Gel, 17042 bbl QuadraFrac Linear Gel, 6070400# 20/40 Wh snd, 113922# 40/70 Wh snd, 950 bbls 28% HCl, 29452 bbls Slickwater.

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

Total fluid used in treatment (bbl): 138175 Max pressure during treatment (psi): 7427

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): 950 Number of staged intervals: 40

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 20744

Fresh water used in treatment (bbl): 138175 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 6184322 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on [FracFocus.org](http://FracFocus.org)

Test Information:

Date: 02/02/2015 Hours: 24 Bbl oil: 424 Mcf Gas: 239 Bbl H2O: 194  
Calculated 24 hour rate: Bbl oil: 424 Mcf Gas: 239 Bbl H2O: 194 GOR: 564  
Test Method: Separator Casing PSI: 880 Tubing PSI: 140 Choke Size: 40/64  
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1961 API Gravity Oil: 33  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 5795 Tbg setting date: 01/02/2015 Packer Depth: 5795

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**

400808894

WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)