

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:

400785293

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 LINCOLN STREET SUITE 4700  
City: DENVER State: CO Zip: 80290  
4. Contact Name: Bethany Kerley  
Phone: (303) 802-8376  
Fax: \_\_\_\_\_  
Email: bethany.kerley@whiting.com

5. API Number 05-123-39258-00  
6. County: WELD  
7. Well Name: Razor  
Well Number: 33M-2804  
8. Location: QtrQtr: SWSW Section: 33 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: 02/16/2015 End Date: 03/03/2015 Date of First Production this formation: 03/25/2015

Perforations Top: 6193 Bottom: 13092 No. Holes: 1260 Hole size: 3/8

Provide a brief summary of the formation treatment:

Open Hole: ☐

35 stage plug & perf, 4678191 lbs 20/40; 114549 lbs 40/70, 821 bbl 15% HCL; 111725 bbls Slickwater

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

Total fluid used in treatment (bbl): 112546

Max pressure during treatment (psi): 8554

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): 821

Number of staged intervals: 35

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 31695

Fresh water used in treatment (bbl): 111725

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4792740

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

### Test Information:

Date: 04/22/2015 Hours: 24 Bbl oil: 422 Mcf Gas: 472 Bbl H2O: 147

Calculated 24 hour rate: Bbl oil: 422 Mcf Gas: 472 Bbl H2O: 147 GOR: 1119

Test Method: Separator Casing PSI: 875 Tubing PSI: 250 Choke Size: 32/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1550 API Gravity Oil: 37

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5674 Tbg setting date: 03/09/2015 Packer Depth: 5661

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:

TPZ corrected to 837 FSL, 1030 FWL based on top perf at 6193'

Corrected FW volume,  
Changed pound sign to lbs,  
Updated Frac Data Summary box.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_

Print Name: Bethany Kerley \_\_\_\_\_

Title: Engineering Tech III \_\_\_\_\_

Date: \_\_\_\_\_

Email bethany.kerley@whiting.com \_\_\_\_\_

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### Attachment Check List

**Att Doc Num**

**Name**

400854956

WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

Engineering  
Tech

Returned to DRAFT for review and repair per agreement with operator. Deficiencies previously acknowledged in prior requests.

06/30/2020

Total: 1 comment(s)