

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



DE ET OE ES

Document Number:

400793274

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 05-123-40049-00  
 6. County: WELD  
 7. Well Name: Razor  
 Well Number: 10E-0302B  
 8. Location: QtrQtr: SWNW Section: 10 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: 02/17/2015 End Date: 02/27/2015 Date of First Production this formation: 03/09/2015

Perforations Top: 6464 Bottom: 13494 No. Holes: 1440 Hole size: 3/8

Provide a brief summary of the formation treatment:

Open Hole: ☐

Cemented liner 40 stage plug and perf: 5112266 lbs 20/40 Ottawa; 115506 lbs 40/70 Ottawa, 952 bbls 15% HCl; 130440 bbls SlickWater

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

Total fluid used in treatment (bbl): 131392

Max pressure during treatment (psi): 9932

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): 0.77

Total acid used in treatment (bbl): 952

Number of staged intervals: 40

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 19998

Fresh water used in treatment (bbl): 130440

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 5227772

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: 04/08/2015 Hours: 24 Bbl oil: 435 Mcf Gas: 281 Bbl H2O: 385  
 Calculated 24 hour rate: Bbl oil: 435 Mcf Gas: 281 Bbl H2O: 385 GOR: 646  
 Test Method: Separator Casing PSI: 500 Tubing PSI: 350 Choke Size: 24/64  
 Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1442 API Gravity Oil: 33  
 Tubing Size: 2 + 7/8 Tubing Setting Depth: 5472 Tbg setting date: 03/08/2015 Packer Depth:

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:

Corrected TPZ to 2460 FNL, 478 FWL based on top perf at 6464'.

Corrected Frac data to balance fluid/poppant totals.

Verified IP Data

Corrected Tbg Data

Gas hooked up to sales 5/1/2015

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**

400886878

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

Permit

returned to draft as requested by the operator.

08/19/2015

Total: 2 comment(s)