

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:

400968282

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: Anna Cillo  
 Phone: (303) 390-1328  
 Fax:  
 Email: anna.cillo@whiting.com

5. API Number 05-123-40212-00  
 6. County: WELD  
 7. Well Name: Razor Fed  
 Well Number: 30K-1908  
 8. Location: QtrQtr: NESW Section: 30 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: 09/03/2015 End Date: 09/06/2015 Date of First Production this formation: 09/30/2015

Perforations Top: 6481 Bottom: 13786 No. Holes: 0 Hole size:

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

Stimulation Method: Ball & Sleeve; Liner Isolation: Swell Packer - Water; Primary Fluid Type: Slickwater; Proppant Type: Sand 40/70 = 117,220 and Sand 30/50 = 4,789,951; Number of staged intervals: 30; Number of Sleeves: 30

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

Total fluid used in treatment (bbl): 200720 Max pressure during treatment (psi): 7894

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): 0.79

Total acid used in treatment (bbl): 0 Number of staged intervals: 30

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 13199

Fresh water used in treatment (bbl): 200720 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4907171 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 11/06/2015 Hours: 24 Bbl oil: 439 Mcf Gas: 124 Bbl H2O: 1057

Calculated 24 hour rate: Bbl oil: 439 Mcf Gas: 124 Bbl H2O: 1057 GOR: 282

Test Method: Separator Casing PSI: 70 Tubing PSI: 390 Choke Size: 24

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1443 API Gravity Oil: 34

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5837 Tbg setting date: 09/30/2015 Packer Depth: 5827

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: Anna Cillo

Title: Engineering Technician Date: \_\_\_\_\_ Email: anna.cillo@whiting.com  
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### Attachment Check List

Att Doc Num      Name

400968307	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)