

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:

400968191

Date Received:

01/08/2021

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

5. API Number 05-123-40209-00  
 6. County: WELD  
 7. Well Name: Razor Fed  
 Well Number: 30K-1907  
 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: 08/31/2015 End Date: 09/03/2015 Date of First Production this formation: 10/02/2015

Perforations Top: 6275 Bottom: 13543 No. Holes: 0 Hole size:

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

30 stage Ball &amp; Sleeve; 4397921 lbs 30/50 sand, 114870 lbs 40/70 sand, 197507 bbls slickwater

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

Total fluid used in treatment (bbl): 197507 Max pressure during treatment (psi): 9140

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): 0.78

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

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 10263

Fresh water used in treatment (bbl): 197507 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4512791 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 11/26/2015 Hours: 24 Bbl oil: 400 Mcf Gas: 133 Bbl H2O: 480

Calculated 24 hour rate: Bbl oil: 400 Mcf Gas: 133 Bbl H2O: 480 GOR: 333

Test Method: Separator Casing PSI: 850 Tubing PSI: 220 Choke Size: 36/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1427 API Gravity Oil: 33

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5792 Tbg setting date: 10/03/2015 Packer Depth: 5776

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:

TZP Corrected to bottom of shallowest isolation 2330 FNL 2229 FWL

Corrected producing interval to shallowest and deepest isolation packers

Updated pound sign to lbs abbreviation in frac description

Revised frac summary, corrected water used in treatment

Corrected choke

Corrected tubing packer depth

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: 1/8/2021 Email : anna.cillo@whiting.com

### **Attachment List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400968191	FORM 5A SUBMITTED
400968274	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Passed Permit Review	01/26/2021
Permit	Returned to draft per operators request	12/15/2020
Engineering Tech	Returned to DRAFT for review and repair per agreement with operator. Deficiencies previously acknowledged in prior requests.	06/30/2020

Total: 3 comment(s)