

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:

401424569

Date Received:

08/14/2020

## 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: Pauleen Tobin  
 Phone: (303) 837-1661  
 Fax:  
 Email: pollyt@whiting.com

5. API Number 05-123-41774-00  
 6. County: WELD  
 7. Well Name: Horsetail  
 Well Number: 07F-1805  
 8. Location: QtrQtr: SENW Section: 7 Township: 10N Range: 57W Meridian: 6  
 9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

## Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/06/2017 End Date: 06/12/2017 Date of First Production this formation: 08/10/2017

Perforations Top: 6309 Bottom: 12973 No. Holes: 1799 Hole size: 3/8

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

45 Stage Plug &amp; Perf, 808473 lbs 100 Mesh, 3359763 lbs 40/70 Prem White sand, 536 bbls 15% HCl, 175165 bbls slickwater

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

Total fluid used in treatment (bbl): 175701

Max pressure during treatment (psi): 8005

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): 0.90

Total acid used in treatment (bbl): 536

Number of staged intervals: 45

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 11156

Fresh water used in treatment (bbl): 175165

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4168236

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 08/13/2017 Hours: 24 Bbl oil: 218 Mcf Gas: 82 Bbl H2O: 740  
 Calculated 24 hour rate: Bbl oil: 218 Mcf Gas: 82 Bbl H2O: 740 GOR: 376  
 Test Method: Separator Casing PSI: 500 Tubing PSI: 800 Choke Size: 16/64  
 Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1388 API Gravity Oil: 36  
 Tubing Size: 3 Tubing Setting Depth: 5734 Tbg setting date: 07/28/2017 Packer Depth: 5717

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:

Top of producing zone corrected to 2366 FSL 1477 FWL based on top perforation at 6309'.  
Corrected packer depth  
Changed pound sign to lbs in frac job description

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: Regulatory Compliance Spe Date: 8/14/2020 Email pollyt@whiting.com  
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### **Attachment Check List**

**Att Doc Num**      **Name**

401424569	FORM 5A SUBMITTED
401424572	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

**User Group**      **Comment**      **Comment Date**

Permit	Passed Permit Review	08/25/2020
Engineering Tech	Returned to DRAFT for review and repair per agreement with operator. Deficiencies previously acknowledged in prior requests.	06/30/2020

Total: 2 comment(s)