

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:

402456884

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: Pauleen Tobin  
 Phone: (303) 390-4267  
 Fax:  
 Email: pollyt@whiting.com

5. API Number 05-123-41782-00  
 6. County: WELD  
 7. Well Name: Horsetail  
 Well Number: 07F-1807  
 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: 06/13/2017 End Date: 06/19/2017 Date of First Production this formation: 08/09/2017

Perforations Top: 6148 Bottom: 13402 No. Holes: 1995 Hole size: 3/8

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

50 Stage Plug &amp; Perf, 958360 lbs 100 Mesh, 3882893 lbs 40/70 Prem White sand, 600 bbls 15% HCl, 193230 bbls slickwater

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

Total fluid used in treatment (bbl): 193830

Max pressure during treatment (psi): 7591

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): 600

Number of staged intervals: 50

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 10655

Fresh water used in treatment (bbl): 193230

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4841253

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: 721 Mcf Gas: 294 Bbl H2O: 445

Calculated 24 hour rate: Bbl oil: 721 Mcf Gas: 294 Bbl H2O: 445 GOR: 408

Test Method: Separator Casing PSI: 500 Tubing PSI: 1000 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1492 API Gravity Oil: 36

Tubing Size: 3 Tubing Setting Depth: 5707 Tbg setting date: 07/31/2017 Packer Depth: 5691

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 location corrected 2506 FSL 2226 FWL based on top perforation at 6148'.

Well drilled to 13927', 8.5 inch bit and approx 18 inch motor stator became stuck in hole. Not able to retrieve, pushed to 13500'. Well could only be completed to 13447'.

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: \_\_\_\_\_

Email pollyt@whiting.com

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### **Attachment Check List**

**Att Doc Num**

**Name**

402456886

WELLBORE DIAGRAM

Total Attach: 1 Files

### **General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)