

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 05-123-41772-00

6. County: WELD

7. Well Name: Horsetail Fed

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: 05/24/2017 End Date: 05/29/2017 Date of First Production this formation: 08/17/2017

Perforations Top: 6453 Bottom: 13332 No. Holes: 1999 Hole size: 3/8

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

50 Stage Plug & Perf, 886436 lbs 100 Mesh, 4031158 lbs 40/70 Prem White sand, 595 bbls 15% HCl, 192990 bbls slickwater

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 193585 Max pressure during treatment (psi): 7468

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): 0.80

Total acid used in treatment (bbl): 595 Number of staged intervals: 50

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 3805

Fresh water used in treatment (bbl): 192990 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4917594 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: 08/18/2017 Hours: 24 Bbl oil: 115 Mcf Gas: 4 Bbl H2O: 488

Calculated 24 hour rate: Bbl oil: 115 Mcf Gas: 4 Bbl H2O: 488 GOR: 35

Test Method: Separator Casing PSI: 0 Tubing PSI: 650 Choke Size: 18/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1310 API Gravity Oil: 32

Tubing Size: 3 Tubing Setting Depth: 5776 Tbg setting date: 07/30/2017 Packer Depth: 5759

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 2276 FNL 1668 FWL based on top perforation at 6453'. Top perf is 372' north of 100' centerline setback and is within setback.

Replaced pound signs with lbs abbreviation in frac description  
Frac Focus frac start date changed by request of the COGCC Note: Original Frac Focus Submit date 5/31/2017

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: 9/8/2020 Email pollyt@whiting.com  
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### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401422174	FORM 5A SUBMITTED
401422222	WELLBORE DIAGRAM

Total Attach: 2 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	-Corrected operator comment in the submitter tab about the location of TPZ -Passed Permit Review	09/21/2020
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)