

FORM 5A Rev 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



Table with columns DE, ET, OE, ES

Document Number: 400959021

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

5. API Number 05-123-41642-00 6. County: WELD 7. Well Name: Horsetail Well Number: 07E-1834 8. Location: QtrQtr: Lot 2 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: 03/31/2017 End Date: 04/05/2017 Date of First Production this formation: 07/23/2017 Perforations Top: 6427 Bottom: 14022 No. Holes: 1201 Hole size: 3/8

Provide a brief summary of the formation treatment: Open Hole: [ ] Plug & Perf, 498057# 100 Mesh , 4287615# 40/70 Prem White sand, 179 bbls 15% HCl, 172708 bbls slickwater

This formation is commingled with another formation: [ ] Yes [X] No Total fluid used in treatment (bbl): 172887 Max pressure during treatment (psi): 7876 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): 179 Number of staged intervals: 30 Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 20514 Fresh water used in treatment (bbl): 172708 Disposition method for flowback: DISPOSAL Total proppant used (lbs): 4785371 Rule 805 green completion techniques were utilized: [X] Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 09/05/2017 Hours: 24 Bbl oil: 95 Mcf Gas: 42 Bbl H2O: 289 Calculated 24 hour rate: Bbl oil: 95 Mcf Gas: 42 Bbl H2O: 289 GOR: 442 Test Method: Separator Casing PSI: 890 Tubing PSI: 415 Choke Size: 22/64 Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1487 API Gravity Oil: 35 Tubing Size: 3 Tubing Setting Depth: 5933 Tbg setting date: 07/11/2017 Packer Depth: 5923

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:

--

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: Engineer Tech Date: \_\_\_\_\_ Email pollyt@whiting.com  
:

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401405360	WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)