

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

Document Number: 401458306

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) 837-1661
Fax:
Email: pollyt@whiting.com

5. API Number 05-123-43043-00
6. County: WELD
7. Well Name: Horsetail
Well Number: 07H-0615
8. Location: QtrQtr: NESE 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: 06/20/2017 End Date: 06/27/2017 Date of First Production this formation: 08/30/2017

Perforations Top: 6325 Bottom: 13405 No. Holes: 1919 Hole size: 3/8

Provide a brief summary of the formation treatment: Open Hole: [ ]

48 Stage Plug & Perf, 960000 lbs 100 Mesh, 3864000 lbs 40/70 Prem White sand, 309 bbls 15% HCl, 186799 bbls slickwater.

This formation is commingled with another formation: [ ] Yes [X] No

Total fluid used in treatment (bbl): 187108 Max pressure during treatment (psi): 8447

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): 309 Number of staged intervals: 48

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 9478

Fresh water used in treatment (bbl): 186799 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4824000 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: 09/02/2017 Hours: 24 Bbl oil: 330 Mcf Gas: 79 Bbl H2O: 463

Calculated 24 hour rate: Bbl oil: 330 Mcf Gas: 79 Bbl H2O: 463 GOR: 239

Test Method: Separator Casing PSI: 150 Tubing PSI: 800 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1442 API Gravity Oil: 35

Tubing Size: 3 Tubing Setting Depth: 5730 Tbg setting date: 08/25/2017 Packer Depth: 5713

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 2382 FNL 527 FEL based on top perforation at 6325'.  
Corrected packer depth.  
Corrected water used in treatment.

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**

401458315	WELLBORE DIAGRAM
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Total Attach: 1 Files

### General Comments

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

Engineering Tech	Returned to DRAFT for review and repair per agreement with operator. Deficiencies previously acknowledged in prior requests.	06/30/2020
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Total: 1 comment(s)