

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



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Document Number:

401500130

Date Received:

01/05/2018

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 05-123-42653-00  
6. County: WELD  
7. Well Name: Razor  
Well Number: 25N-2437  
8. Location: QtrQtr: SESW Section: 25 Township: 10N Range: 58W Meridian: 6  
9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/08/2017 End Date: 09/20/2017 Date of First Production this formation: 10/19/2017

Perforations Top: 5981 Bottom: 15616 No. Holes: 2091 Hole size: 3/8

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

65 Stage Plug & Perf, 1029908# 100 Mesh, 4154863# 40/70 Prem White sand, 423 bbls 15% HCl, 205837 bbls slickwater. (Skipped Stages 2-14)

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

Total fluid used in treatment (bbl): 206260 Max pressure during treatment (psi): 8652

Total gas used in treatment (mcf): 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): 423 Number of staged intervals: 52

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 7516

Fresh water used in treatment (bbl): 205837 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 5184771 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/19/2017 Hours: 24 Bbl oil: 423 Mcf Gas: 58 Bbl H2O: 259

Calculated 24 hour rate: Bbl oil: 423 Mcf Gas: 58 Bbl H2O: 259 GOR: 137

Test Method: Separator Casing PSI: Tubing PSI: 460 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1322 API Gravity Oil: 35

Tubing Size: 3 Tubing Setting Depth: 5503 Tbg setting date: 10/15/2017 Packer Depth: 5493

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 785 FSL 1150 FWL based on top perforation at 5981'.

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: 1/5/2018 Email pollyt@whiting.com  
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### **Attachment Check List**

**Att Doc Num**      **Name**

401500130	FORM 5A SUBMITTED
401500163	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

**User Group**      **Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)