

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:

400886657

Date Received:

07/14/2020

### 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: (303) 390-4923  
Email: pollyt@whiting.com

5. API Number 05-123-40220-00  
6. County: WELD  
7. Well Name: Razor  
Well Number: 33P-3316  
8. Location: QtrQtr: SESE Section: 33 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: 01/27/2015 End Date: 01/30/2015 Date of First Production this formation: 02/10/2015

Perforations Top: 5981 Bottom: 10446 No. Holes: 900 Hole size: 3/8

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

25-stage P&P: 381 bbls 15% HCL, 2425963 lbs # Ottawa 30/50 sand, 72769 lbs # Ottawa 40/70 sand, 114458 bbls Slickwater.

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

Total fluid used in treatment (bbl): 114839 Max pressure during treatment (psi): 8298

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): 381 Number of staged intervals: 25

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 22124

Fresh water used in treatment (bbl): 114458 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 2498732 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

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

### Test Information:

Date: 03/13/2015 Hours: 24 Bbl oil: 426 Mcf Gas: 47 Bbl H2O: 622

Calculated 24 hour rate: Bbl oil: 426 Mcf Gas: 47 Bbl H2O: 622 GOR: 110

Test Method: Separator Casing PSI: 900 Tubing PSI: 310 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1268 API Gravity Oil: 36

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5740 Tbg setting date: 02/11/2015 Packer Depth: 5740

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:

Frac job description updated. Verified and amended total fluid, acid, recycled, & fresh 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: 7/14/2020

Email pollyt@whiting.com

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### **Attachment Check List**

**Att Doc Num**

**Name**

400886657 FORM 5A SUBMITTED

400886662 WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

**User Group**

**Comment**

**Comment Date**

Permit	-Passed Permit Review	08/12/2020
Permit	-Confirmed with the operator that the proppant was measured in lbs. -Corrected frac focus dates as per operator	08/11/2020
Permit	-Frac Focus dates are matching not with the treatment dates on the form, confirming with the operator which dates are correct. -Confirming with operator that the proppant amounts were measured in lbs in the summary box	07/23/2020
Engineering Tech	Returned to DRAFT for review and repair per agreement with operator. Deficiencies previously acknowledged in prior requests.	06/29/2020

Total: 4 comment(s)