

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:

400611088

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 AND GAS CORPORATION

3. Address: 1700 BROADWAY STE 2300

City: DENVER State: CO Zip: 80290

4. Contact Name: Pauleen Tobin

Phone: (303) 837-1661

Fax: (303) 495-6780

Email: pollyt@whiting.com

5. API Number 05-123-37901-00

7. Well Name: Razor

8. Location: QtrQtr: NESE Section: 27 Township: 10N Range: 58W Meridian: 6

9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

6. County: WELD

Well Number: 271-3414B

## Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/19/2014 End Date: 03/01/2014 Date of First Production this formation: 04/25/2014

Perforations Top: 6080 Bottom: 12440 No. Holes: 1428 Hole size: 3/8

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

### Cemented Liner:

6 stage 40# PermStim Frac, 50900# 40/70, 866150# 20/40, 144 bbls 15% HCl, 22821 bbls slickwater.  
34 stage 25# pHaserFrac, 298914301613# 40/70, 5562991# 20/40, 619 bbls 15% HCl, 112066 bbls slickwater.

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

Total fluid used in treatment (bbl): 134887 Max pressure during treatment (psi): 7841  
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): 763 Number of staged intervals: 40  
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 17390  
Fresh water used in treatment (bbl): 25 Disposition method for flowback: DISPOSAL  
Total proppant used (lbs): 6781654 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

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

### Test Information:

Date: 07/03/2014 Hours: 24 Bbl oil: 427 Mcf Gas: 29 Bbl H2O: 257  
Calculated 24 hour rate: Bbl oil: 427 Mcf Gas: 29 Bbl H2O: 257 GOR: 68  
Test Method: Separator Casing PSI: 700 Tubing PSI: 340 Choke Size: 47/64  
Gas Disposition: RE-INJECTED Gas Type: DRY Btu Gas: 1371 API Gravity Oil: 37  
Tubing Size: 2 + 7/8 Tubing Setting Depth: 5736 Tbg setting date: 04/22/2014 Packer Depth: 5736  
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

Att Doc Num	Name
400611088	FORM 5A SUBMITTED
400611204	WELLBORE DIAGRAM

Total Attach: 2 Files

## General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)