

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:

400646473

Date Received:

12/10/2014

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: Elvera Berryman  
Phone: (303) 390-4221  
Fax: (303) 390-1598  
Email: elvera.berryman@whiting.com

5. API Number 05-123-38346-00

6. County: WELD

7. Well Name: Razor Federal  
Well Number: 26J-3511A

8. Location: QtrQtr: NWSE Section: 26 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: 07/21/2014 End Date: 07/28/2014 Date of First Production this formation: 08/19/2014  
Perforations Top: 6046 Bottom: 12073 No. Holes: 1440 Hole size: 3/8

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

40 stage Clearstar 30 XL Gel 70557 bbl; 30# Linear Gel 14431 bbl; Slickwater 25704 bbl; 15% HCl 364 bbl. Proppant: 20/40 White Sand: 5434900.3 lb; 40/70 White Sand: 151420.3 lb.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 111056 Max pressure during treatment (psi): 7868

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): 0.78

Total acid used in treatment (bbl): 364 Number of staged intervals: 40

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 6607

Fresh water used in treatment (bbl): 110692 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 5586320 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

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

#### Test Information:

Date: 10/08/2014 Hours: 24 Bbl oil: 871 Mcf Gas: 173 Bbl H2O: 330

Calculated 24 hour rate: Bbl oil: 871 Mcf Gas: 173 Bbl H2O: 330 GOR: 199

Test Method: Separator Casing PSI: 870 Tubing PSI: 425 Choke Size: 26/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1430 API Gravity Oil: 31

Tubing Size: 2 + 7/8 Tubing Setting Depth: 5668 Tbg setting date: 08/21/2014 Packer Depth: 5668

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: Elvera Berryman

Title: Engineering Technician Date: 12/10/2014 Email: elvera.berryman@whiting.com

### Attachment Check List

Att Doc Num	Name
400646473	FORM 5A SUBMITTED
400748849	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

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

Total: 0 comment(s)