

**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:  
400646398

Date Received:  
12/11/2014

**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: <u>96155</u>	4. Contact Name: <u>Elvera Berryman</u>
2. Name of Operator: <u>WHITING OIL &amp; GAS CORPORATION</u>	Phone: <u>(303) 390-4221</u>
3. Address: <u>1700 BROADWAY STE 2300</u>	Fax: <u>(303) 390-1598</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80290</u>	Email: <u>elvera.berryman@whiting.com</u>

5. API Number <u>05-123-38041-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Razor Federal</u>	Well Number: <u>26J-2311A</u>
8. Location: QtrQtr: <u>NWSE</u> Section: <u>26</u> Township: <u>10N</u> Range: <u>58W</u> Meridian: <u>6</u>	
9. Field Name: <u>DJ HORIZONTAL NIOBRARA</u> Field Code: <u>16950</u>	

### Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/02/2014 End Date: 07/12/2014 Date of First Production this formation: 09/04/2014  
Perforations Top: 6031 Bottom: 13160 No. Holes: 1440 Hole size: 3/8

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

40 stage Clearstar 30 XL Gel 71197 bbl; 30# Linear Gel 15552 bbl; Slickwater 26411 bbl; 15% HCl 874 bbl. Proppant: 16/30 White Sand: 3998240 lb; 20/40 White Sand: 1551840 lb; 40/70 White Sand: 144910 lb.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 114034

Max pressure during treatment (psi): 7692

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): 0.81

Total acid used in treatment (bbl): 874

Number of staged intervals: 40

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 16202

Fresh water used in treatment (bbl): 113160

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 5694990

Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

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

#### Test Information:

Date: 10/26/2014 Hours: 24 Bbl oil: 299 Mcf Gas: 165 Bbl H2O: 83  
Calculated 24 hour rate: Bbl oil: 299 Mcf Gas: 165 Bbl H2O: 83 GOR: 552  
Test Method: Separator Casing PSI: 820 Tubing PSI: 430 Choke Size: 26/64  
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1540 API Gravity Oil: 35  
Tubing Size: 2 + 7/8 Tubing Setting Depth: 5601 Tbg setting date: 08/23/2014 Packer Depth: 5601

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:

Well drilled 10' passed 100' setback. Form 5A will be submitted documenting that the bottom 56' of wellbore will not produce. Landing Collar is a 13275. Cement fills the hole from 13275 to TD.

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: elvera.berryman@whiting.c Date: 12/11/2014 Email: Engineering Technician

### Attachment Check List

Att Doc Num	Name
400646398	FORM 5A SUBMITTED
400748704	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

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Stamp Upon Approval
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Total: 0 comment(s)