

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:

400824829

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

5. API Number 05-123-38730-01	6. County: WELD
7. Well Name: Razor	Well Number: 11G-0210B
8. Location: QtrQtr: SWNE Section: 11 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: 05/04/2015 End Date: 05/08/2015 Date of First Production this formation: 05/28/2015  
Perforations Top: 6555 Bottom: 13518 No. Holes: 1260 Hole size: 3/7

Provide a brief summary of the formation treatment:

Open Hole: ☐

Cemented Liner 35 staged intervals.  
Total 15% HCL Used: 772 bbl; Total Slickwater: 187893 bbl; Fresh water: 6598 bbl.  
Total Proppant: 4218788# Ottawa 30/50; 97794# Ottawa 40/70.  
See attached wellbore diagram for details.

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

Total fluid used in treatment (bbl): 195263

Max pressure during treatment (psi): 7736

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): 0.77

Total acid used in treatment (bbl): 772

Number of staged intervals: 35

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 23563

Fresh water used in treatment (bbl): 6598

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4316582

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized: \_\_\_\_\_

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

### Test Information:

Date: 07/20/2015 Hours: 24 Bbl oil: 447 Mcf Gas: 125 Bbl H2O: 221  
Calculated 24 hour rate: Bbl oil: 447 Mcf Gas: 125 Bbl H2O: 221 GOR: 280  
Test Method: Separator Casing PSI: 920 Tubing PSI: 400 Choke Size: 64/64  
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1480 API Gravity Oil: 35  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6142 Tbg setting date: 07/08/2015 Packer Depth: 6126

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: \_\_\_\_\_ Email: elvera.berryman@whiting.com

## Attachment Check List

**Att Doc Num** **Name**

400886999 WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)