

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



DE ET OE ES

Document Number:

400423670

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) 390-4923

5. API Number 05-123-36130-00  
6. County: WELD  
7. Well Name: Razor  
Well Number: 27-3414H  
8. Location: QtrQtr: NWSW Section: 27 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: 02/04/2013 End Date: 02/08/2013 Date of First Production this formation: 02/16/2013

Perforations Top: 6160 Bottom: 12289 No. Holes: 832 Hole size:

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

32 stage pHaserFrac using 684,583# 40/70 Ottawa sand, 2,925,830# 20/40 Ottawa sand, 635,539# CRC 20/40, 105,743 bbls slickwater. See attached wellbore diagram for details.

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

Total fluid used in treatment (bbl): 105743 Max pressure during treatment (psi): 6068

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment: Min frac gradient (psi/ft):

Total acid used in treatment (bbl): 0 Number of staged intervals: 32

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 22324

Fresh water used in treatment (bbl): 4391 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4251942 Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PIPELINE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 04/06/2013 Hours: 24 Bbl oil: 477 Mcf Gas: 303 Bbl H2O: 187

Calculated 24 hour rate: Bbl oil: 477 Mcf Gas: 303 Bbl H2O: 187 GOR: 635

Test Method: Separator Casing PSI: 50 Tubing PSI: 2700 Choke Size: 64/64

Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1744 API Gravity Oil: 34

Tubing Size: 2 + 7/8 Tubing Setting Depth: 4901 Tbg setting date: 04/03/2013 Packer Depth: 4894

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:

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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  
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### Attachment Check List

Att Doc Num	Name
400423676	WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

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

Total: 0 comment(s)