

FORM 5A

Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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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: Pauleen Tobin
Phone: (303) 837-1661
Fax: (303) 390-4923
Email: pollyt@whiting.com

5. API Number 05-123-36257-00
6. County: WELD
7. Well Name: Razor
Well Number: 22-2712H
8. Location: QtrQtr: NWNW Section: 22 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: 02/26/2013 End Date: 03/03/2013 Date of First Production this formation: 03/10/2013
Perforations Top: 6139 Bottom: 12568 No. Holes: 832 Hole size: 1/3

Provide a brief summary of the formation treatment: Open Hole: [X]

32 stage pHaser Frac using 624,669# 40/70 Ottawa sand, 2,718,255# 20/40 Ottawa sand, 684,462# 20/40 CRC, 103,221 bbls slickwater. See wellbore diagram attached for details.

This formation is commingled with another formation: [ ] Yes [X] No

Total fluid used in treatment (bbl): 103221 Max pressure during treatment (psi): 5660
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 38.93
Type of gas used in treatment: Min frac gradient (psi/ft): 0.80
Total acid used in treatment (bbl): 0 Number of staged intervals: 32
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 34570
Fresh water used in treatment (bbl): 103221 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 4027386 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: 03/17/2013 Hours: 24 Bbl oil: 250 Mcf Gas: 149 Bbl H2O: 456
Calculated 24 hour rate: Bbl oil: 250 Mcf Gas: 149 Bbl H2O: 456 GOR: 596
Test Method: Separator Casing PSI: 220 Tubing PSI: 2900 Choke Size: 34/64
Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1560 API Gravity Oil: 34
Tubing Size: 2 + 7/8 Tubing Setting Depth: 4985 Tbg setting date: 04/16/2013 Packer Depth: 4979

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: 6/5/2013 Email pollyt@whiting.com  
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### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400429358	FORM 5A SUBMITTED
400429398	WELLBORE DIAGRAM

Total Attach: 2 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Corrected total proppant and min frac gradient per operator confirmation. waiting on 05.	5/20/2014 9:07:43 AM
Permit	On Hold pending form 5.	6/17/2013 2:36:49 PM

Total: 2 comment(s)