

FORM
5ARev
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:

400429358

Date Received:

06/05/2013

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: ☒

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 ☒ 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:

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

Att Doc Num **Name**

400429358	FORM 5A SUBMITTED
400429398	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group **Comment** **Comment Date**

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)