

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

Document Number: 400809035

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 & 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 05-123-39532-00
6. County: WELD
7. Well Name: Razor
Well Number: 21B-0910
8. Location: QtrQtr: NWNE Section: 21 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: 12/06/2014 End Date: 12/16/2014 Date of First Production this formation: 01/23/2015
Perforations Top: 6197 Bottom: 13957 No. Holes: 720 Hole size: 3/8

Provide a brief summary of the formation treatment: Open Hole: []
54-stage Frac(720 perfs, 34 sleeves): 95645 bbl QuadraFrac XL Gel, 15922 bbl QuadraFrac Linear Gel, 6249600# 20/40 Wh snd, 154060# 40/70 Wh snd, 464 bbls 15% HCl, 32674 bbls Slickwater.

This formation is commingled with another formation: [] Yes [X] No
Total fluid used in treatment (bbl): 144705 Max pressure during treatment (psi): 8825
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): 0.80
Total acid used in treatment (bbl): 464 Number of staged intervals: 54
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 21419
Fresh water used in treatment (bbl): 144705 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 6403661 Rule 805 green completion techniques were utilized: [X]
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 02/24/2015 Hours: 24 Bbl oil: 172 Mcf Gas: 110 Bbl H2O: 196
Calculated 24 hour rate: Bbl oil: 172 Mcf Gas: 110 Bbl H2O: 196 GOR:
Test Method: Separator Casing PSI: 850 Tubing PSI: 200 Choke Size: 34/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1852 API Gravity Oil: 32
Tubing Size: 2 + 3/8 Tubing Setting Depth: 5914 Tbg setting date: 01/13/2015 Packer Depth: 5913
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
:

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400809036	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

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

Total: 0 comment(s)