

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 05-123-37880-00
6. County: WELD
7. Well Name: Razor
Well Number: 26K-3505A
8. Location: QtrQtr: NESW Section: 26 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: 07/31/2014 End Date: 08/30/2014 Date of First Production this formation: 09/12/2014

Perforations Top: 6053 Bottom: 10905 No. Holes: 1152 Hole size: 3/8

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

3-stage YF822LpH frac: 8934# 100 Mesh, 346010# 16/30 white sand, 9031 clean vol pumped; 32-stage QuadraFrac: 119260# 100 Mesh, 623500# 16/30 Wh snd, 4140121# 20/40 Wh snd, 250 bbls 15% HCl, 101247 bbls clean volume pumped.

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

Total fluid used in treatment (bbl): 110528 Max pressure during treatment (psi): 6525

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment: Min frac gradient (psi/ft): 0.90

Total acid used in treatment (bbl): 250 Number of staged intervals: 35

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 23803

Fresh water used in treatment (bbl): 110278 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 5237825 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: 10/11/2014 Hours: 24 Bbl oil: 1002 Mcf Gas: 855 Bbl H2O: 325

Calculated 24 hour rate: Bbl oil: 1002 Mcf Gas: 855 Bbl H2O: 325 GOR: 853

Test Method: Separator Casing PSI: 915 Tubing PSI: 475 Choke Size: 26/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1395 API Gravity Oil: 37

Tubing Size: 2 + 7/8 Tubing Setting Depth: 5633 Tbg setting date: 09/14/2014 Packer Depth: 5633

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: 12/22/2014 Email pollyt@whiting.com
:

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400757434	COMPLETED INTERVAL REPORT
400757452	WELLBORE DIAGRAM
401394974	FORM 5A SUBMITTED

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Corrected bottom depth per email from operator.	10/13/2017

Total: 1 comment(s)