

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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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: Lauren McCaddon Phone: (303) 495-6760 Fax: Email: lauren.mccaddon@whiting.com

5. API Number 05-123-39147-00 6. County: WELD 7. Well Name: Razor Federal Well Number: 12H-1313A 8. Location: QtrQtr: SENE Section: 12 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: 02/23/2017 End Date: 03/07/2017 Date of First Production this formation: 06/22/2017 Perforations Top: 6255 Bottom: 14050 No. Holes: 1999 Hole size: 3/8

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

50 Stage Plug & Perf, 1520831# 100 Mesh, 7004213# 40/70 Sand, 595.24 bbls 15% HCL, 295554.7 bbl Slickwater

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

Total fluid used in treatment (bbl): 296149 Max pressure during treatment (psi): 8787 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): 595 Number of staged intervals: 50 Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 14397 Fresh water used in treatment (bbl): 295554 Disposition method for flowback: DISPOSAL Total proppant used (lbs): 8525 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: 07/15/2017 Hours: 24 Bbl oil: 409 Mcf Gas: 162 Bbl H2O: 1049 Calculated 24 hour rate: Bbl oil: 409 Mcf Gas: 162 Bbl H2O: 1049 GOR: 396 Test Method: Separator Casing PSI: 1000 Tubing PSI: 300 Choke Size: 26 Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1463 API Gravity Oil: 33 Tubing Size: 3 Tubing Setting Depth: 6026 Tbg setting date: 06/18/2017 Packer Depth: 5926

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: Lauren McCaddon

Title: Engineering Tech Date: _____ Email: lauren.mccaddon@whiting.com
:

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401382242	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)