

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 4. Contact Name: Lauren McCaddon
2. Name of Operator: WHITING OIL & GAS CORPORATION Phone: (303) 4956760
3. Address: 1700 BROADWAY STE 2300 City: DENVER State: CO Zip: 80290 Fax: Email: lauren.mccaddon@whiting.com

5. API Number 05-123-42115-00 6. County: WELD
7. Well Name: Horsetail Well Number: 07G-1811
8. Location: QtrQtr: SWNE Section: 7 Township: 10N Range: 57W Meridian: 6
9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/30/2017 End Date: 06/04/2017 Date of First Production this formation: 08/19/2017
Perforations Top: 6127 Bottom: 13746 No. Holes: 2001 Hole size: 3/8

Provide a brief summary of the formation treatment: Open Hole: []
50 Stage Plug & Perf, 4036703# 40/70 Sand, 973757# 100 Mesh, 47.98 bbls 15% HCL, 181703 bbls Slickwater

This formation is commingled with another formation: [] Yes [X] No
Total fluid used in treatment (bbl): 181750 Max pressure during treatment (psi): 8144
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 3.83
Type of gas used in treatment: Min frac gradient (psi/ft): 0.84
Total acid used in treatment (bbl): 47 Number of staged intervals: 50
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 182810
Fresh water used in treatment (bbl): 181703 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 5030460 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: 08/29/2017 Hours: 24 Bbl oil: 766 Mcf Gas: 90 Bbl H2O: 91
Calculated 24 hour rate: Bbl oil: 766 Mcf Gas: 90 Bbl H2O: 91 GOR: 117
Test Method: Separator Casing PSI: Tubing PSI: 740 Choke Size: 18
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1469 API Gravity Oil: 36
Tubing Size: 3 Tubing Setting Depth: 5699 Tbg setting date: 08/13/2017 Packer Depth: 5682

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 Technician Date: _____ Email: lauren.mccaddon@gmail.com
:

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401426411	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)