

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: 401509786

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: Pauleen Tobin
2. Name of Operator: WHITING OIL & GAS CORPORATION Phone: (303) 837-1661
3. Address: 1700 BROADWAY STE 2300 City: DENVER State: CO Zip: 80290 Fax: Email: pollyt@whiting.com

5. API Number 05-123-42646-00 6. County: WELD
7. Well Name: Razor Well Number: 25O-2444
8. Location: QtrQtr: SWSE Section: 25 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: 08/21/2017 End Date: 08/30/2017 Date of First Production this formation: 10/20/2017
Perforations Top: 6200 Bottom: 15820 No. Holes: 2599 Hole size: 3/8

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

65 Stage Plug & Perf, 1154796# 100 Mesh, 4985581# 40/70 Prem White sand, 774 bbls 15% HCl, 252283 bbls slickwater

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

Total fluid used in treatment (bbl): 263057 Max pressure during treatment (psi): 8319
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): 774 Number of staged intervals: 65
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 12009
Fresh water used in treatment (bbl): 262283 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 6140378 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: 11/22/2017 Hours: 24 Bbl oil: 161 Mcf Gas: 49 Bbl H2O: 570
Calculated 24 hour rate: Bbl oil: 161 Mcf Gas: 49 Bbl H2O: 570 GOR: 304
Test Method: Separator Casing PSI: Tubing PSI: 290 Choke Size: 20/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1490 API Gravity Oil: 38
Tubing Size: 3 Tubing Setting Depth: 5202 Tbg setting date: 10/05/2017 Packer Depth: 5193

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:

Top of producing zone corrected to 752 FSL 1789 FEL based on top perforation at 6200'.

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

Att Doc Num **Name**

401511663	WELLBORE DIAGRAM
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Total Attach: 1 Files

General Comments

User Group **Comment**

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)