

FORM
5ARev
06/12

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

401483132

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 LINCOLN STREET SUITE 4700
 City: DENVER State: CO Zip: 80290
 4. Contact Name: Pauleen Tobin
 Phone: (303) 837-1661
 Fax:
 Email: pollyt@whiting.com

5. API Number 05-123-43935-00
 6. County: WELD
 7. Well Name: Razor
 Well Number: 261-2346
 8. Location: QtrQtr: NESE 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: 07/12/2017 End Date: 07/20/2017 Date of First Production this formation: 10/22/2017

Perforations Top: 6139 Bottom: 13723 No. Holes: 2000 Hole size: 3/8

Provide a brief summary of the formation treatment: Open Hole: ☐

50 Stage Plug & Perf, 1000000 lbs 100 Mesh, 4025001 lbs 40/70 Prem White sand, 36 bbls 15% HCl, 191495 bbls slickwater

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl): 191531

Max pressure during treatment (psi): 7133

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): 36

Number of staged intervals: 50

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 4244

Fresh water used in treatment (bbl): 191495

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 5025001

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 11/27/2017 Hours: 24 Bbl oil: 76 Mcf Gas: 9 Bbl H2O: 282
 Calculated 24 hour rate: Bbl oil: 76 Mcf Gas: 9 Bbl H2O: 282 GOR: 118
 Test Method: Separator Casing PSI: 800 Tubing PSI: 300 Choke Size: 24/64
 Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1332 API Gravity Oil: 37
 Tubing Size: 3 Tubing Setting Depth: 5612 Tbg setting date: 09/24/2017 Packer Depth: 5596

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:

Well completed within setbacks.

Top of producing zone corrected to 2451 FNL 1096 FEL based on top perforation at 6139'.

Updated pound sign to lbs abbreviation in frac description
Corrected Proppant total
Corrected pkr depth

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: Regulatory Compliance Spe Date: _____ Email pollyt@whiting.com
:

Attachment Check List

Att Doc Num **Name**

401483208	WELLBORE DIAGRAM
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Total Attach: 1 Files

General Comments

User Group **Comment** **Comment Date**

Engineering Tech	Returned to DRAFT for review and repair per agreement with operator. Deficiencies previously acknowledged in prior requests.	06/30/2020
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Total: 1 comment(s)