

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 LINCOLN STREET SUITE 4700
City: DENVER State: CO Zip: 80290
4. Contact Name: Bethany Kerley
Phone: (303) 4956760
Fax:
Email: bethany.kerley@whiting.com

5. API Number 05-123-39152-00
6. County: WELD
7. Well Name: Razor
Well Number: 12H-0113A
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: 03/10/2017 Date of First Production this formation: 06/22/2017
Perforations Top: 6480 Bottom: 13538 No. Holes: 1988 Hole size: 3/8

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

50 Stage Plug & Perf, 1482547 lbs 100 Mesh, 6320342 lbs 40/70 Sand, 595 bbls 15% HCL, 278561 bbls Slickwater

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

Total fluid used in treatment (bbl): 279156 Max pressure during treatment (psi): 8035
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): 0 Flowback volume recovered (bbl): 14916
Fresh water used in treatment (bbl): 278561 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 7802889 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: 399 Mcf Gas: 110 Bbl H2O: 765
Calculated 24 hour rate: Bbl oil: 399 Mcf Gas: 110 Bbl H2O: 765 GOR: 276
Test Method: Separator Casing PSI: 1000 Tubing PSI: 580 Choke Size: 24/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1415 API Gravity Oil: 31
Tubing Size: 3 Tubing Setting Depth: 6056 Tbg setting date: 06/14/2017 Packer Depth: 6038

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 drilled 53' into 600' setback. Bottom of producing interval is 13538'. Well is producing 143' outside of 600' setback.

TPZ corrected to 2482 FNL 1212 FEL, Sec. 12 10N 58W, calculated on top perf at 6480'

Corrected acid and water used. Corrected total proppant.

Verified IP Data-Corrected choke size

Verified Tbg Data-Corrected tbg set date

Replaced pound signs with lbs abbreviation in frac job description

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

Att Doc Num	Name
401382226	WELLBORE DIAGRAM

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

Total: 1 comment(s)