

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:

401695636

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 05-123-42641-00
 6. County: WELD
 7. Well Name: Razor
 Well Number: 25P-2415
 8. Location: QtrQtr: SESE 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: 04/18/2018 End Date: 04/30/2018 Date of First Production this formation: 05/31/2018

Perforations Top: 5964 Bottom: 15517 No. Holes: 2481 Hole size: 3/8

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

62 Stage Plug & Perf, 1104809 lbs 100 Mesh, 6456147 lbs 40/70 Prem White sand, 83 bbls 15% HCl, 306762 bbls slickwater

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

Total fluid used in treatment (bbl): 306845

Max pressure during treatment (psi): 8256

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): 83

Number of staged intervals: 62

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 5679

Fresh water used in treatment (bbl): 306762

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 7560956

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/25/2018 Hours: 24 Bbl oil: 771 Mcf Gas: 550 Bbl H2O: 649

Calculated 24 hour rate: Bbl oil: 771 Mcf Gas: 550 Bbl H2O: 649 GOR: 713

Test Method: Separator Casing PSI: 900 Tubing PSI: 300 Choke Size: 26/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1454 API Gravity Oil: 38

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5447 Tbg setting date: 05/17/2018 Packer Depth: 5431

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 808 FNL 622 FWL based on top perforation at 5964'.
Updated pound sign to lbs abbreviation in frac description
Corrected Frac job Start Date on Frac Focus. Note: Original Frac Focus submit date 5/23/2018.

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**

401704460	WELLBORE DIAGRAM
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Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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)