

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:

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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 BROADWAY STE 2300
City: DENVER State: CO Zip: 80290
4. Contact Name: Pauleen Tobin
Phone: (303) 837-1661
Fax: (303) 390-4923
Email: pollyt@whiting.com

5. API Number 05-123-38712-00
6. County: WELD
7. Well Name: Razor Federal
Well Number: 12F-1308B
8. Location: QtrQtr: SENW 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: 03/31/2016 End Date: 04/07/2016 Date of First Production this formation: 05/24/2016

Perforations Top: 6369 Bottom: 13743 No. Holes: 1227 Hole size: 3/8

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

Plug and perf 29 interval frac: 86956# 40/70 Prem Wh, 4424298# 30/50 Prem Wh, 199534 bbls Slickwater, 644 bbls 15% HCl.

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

Total fluid used in treatment (bbl): 200177 Max pressure during treatment (psi): 8438

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): 644 Number of staged intervals: 29

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 15889

Fresh water used in treatment (bbl): 199534 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4511255 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 07/16/2016 Hours: 24 Bbl oil: 290 Mcf Gas: 116 Bbl H2O: 746

Calculated 24 hour rate: Bbl oil: 290 Mcf Gas: 116 Bbl H2O: 746 GOR: 400

Test Method: Sep Casing PSI: 874 Tubing PSI: 370 Choke Size: 34/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1294 API Gravity Oil: 25

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5814 Tbg setting date: 05/18/2016 Packer Depth: 5804

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 2343 FSL 2515 FWL based on top perforation of 6369'.

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

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Attachment Check List

Att Doc Num

Name

401098077

WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)