

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:

400823743

Date Received:

07/14/2020

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: (303) 390-4923
 Email: pollyt@whiting.com

5. API Number 05-123-40219-00
 6. County: WELD
 7. Well Name: Razor
 Well Number: 33P-3314
 8. Location: QtrQtr: SESE Section: 33 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: 01/22/2015 End Date: 01/26/2015 Date of First Production this formation: 02/12/2015

Perforations Top: 6101 Bottom: 10430 No. Holes: 900 Hole size: 3/8

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

25-stage P&P: 531 bbls 15% HCL, 3787735 lbs # Ottawa 20/40 sand, 66543 lbs # Ottawa 40/70 sand, 77301 bbls Slickwater.

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

Total fluid used in treatment (bbl): 77832

Max pressure during treatment (psi): 7887

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): 531

Number of staged intervals: 25

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 31096

Fresh water used in treatment (bbl): 77301

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3854278

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 03/13/2015 Hours: 24 Bbl oil: 469 Mcf Gas: 37 Bbl H2O: 760

Calculated 24 hour rate: Bbl oil: 469 Mcf Gas: 37 Bbl H2O: 760 GOR: 79

Test Method: Separator Casing PSI: 880 Tubing PSI: 300 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1562 API Gravity Oil: 34

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5700 Tbg setting date: 02/07/2015 Packer Depth: 5707

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:

Frac job description updated. Verified and amended total fluid, acid, recycled, & fresh water used in treatment.

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: 7/14/2020

Email pollyt@whiting.com

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Attachment Check List

Att Doc Num

Name

400823743	FORM 5A SUBMITTED
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400823744	WELLBORE DIAGRAM
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Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

Permit	-Confirmed with the operator that proppant was measure in lbs. -Passed Permit Review	08/11/2020
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Permit	-Confirming with operator that the proppant amounts were measured in lbs in the summary box	07/23/2020
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Engineering Tech	Returned to DRAFT for review and repair per agreement with operator. Deficiencies previously acknowledged in prior requests.	06/29/2020
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Total: 3 comment(s)