

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:

401422174

Date Received:

09/08/2020

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:
 Email: pollyt@whiting.com

5. API Number 05-123-41772-00
 6. County: WELD
 7. Well Name: Horsetail Fed
 Well Number: 07F-0606
 8. Location: QtrQtr: SENW Section: 7 Township: 10N Range: 57W Meridian: 6
 9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/24/2017 End Date: 05/29/2017 Date of First Production this formation: 08/17/2017

Perforations Top: 6453 Bottom: 13332 No. Holes: 1999 Hole size: 3/8

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

50 Stage Plug & Perf, 886436 lbs 100 Mesh, 4031158 lbs 40/70 Prem White sand, 595 bbls 15% HCl, 192990 bbls slickwater

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

Total fluid used in treatment (bbl): 193585

Max pressure during treatment (psi): 7468

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): 3805

Fresh water used in treatment (bbl): 192990

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4917594

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/18/2017 Hours: 24 Bbl oil: 115 Mcf Gas: 4 Bbl H2O: 488
 Calculated 24 hour rate: Bbl oil: 115 Mcf Gas: 4 Bbl H2O: 488 GOR: 35
 Test Method: Separator Casing PSI: 0 Tubing PSI: 650 Choke Size: 18/64
 Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1310 API Gravity Oil: 32
 Tubing Size: 3 Tubing Setting Depth: 5776 Tbg setting date: 07/30/2017 Packer Depth: 5759

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 2276 FNL 1668 FWL based on top perforation at 6453'. Top perf is 372' north of 100' centerline setback and is within setback.

Replaced pound signs with lbs abbreviation in frac description

Frac Focus frac start date changed by request of the COGCC Note: Original Frac Focus Submit date 5/31/2017

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: 9/8/2020 Email pollyt@whiting.com
:

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401422174	FORM 5A SUBMITTED
401422222	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	-Corrected operator comment in the submitter tab about the location of TPZ -Passed Permit Review	09/21/2020
Engineering Tech	Returned to DRAFT for review and repair per agreement with operator. Deficiencies previously acknowledged in prior requests.	06/30/2020

Total: 2 comment(s)