

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

Document Number: 401348403

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: Lauren McCaddon Phone: (303) 495-6760 Fax: Email: lauren.mccaddon@whiting.com

5. API Number 05-123-39154-00 6. County: WELD 7. Well Name: Razor Well Number: 12H-0115A 8. Location: QtrQtr: SENE Section: 12 Township: 10N Range: 58W Meridian: 6 9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type:

Treatment Date: End Date: Date of First Production this formation: Perforations Top: 6600 Bottom: 13660 No. Holes: 1510 Hole size: 3/8

Provide a brief summary of the formation treatment: Open Hole: 6600'-8960.5' (750 shots), 9042'-9165' (50 shots), 9310'-9645.5' (110 shots), 9779'-9780.5 (10 shots), 11431-13659.3 (590 shots)

This formation is commingled with another formation: [X] Yes [ ] No Total fluid used in treatment (bbl): Max pressure during treatment (psi): Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): Type of gas used in treatment: Min frac gradient (psi/ft): Total acid used in treatment (bbl): Number of staged intervals: Recycled water used in treatment (bbl): Flowback volume recovered (bbl): Fresh water used in treatment (bbl): Disposition method for flowback: Total proppant used (lbs): Rule 805 green completion techniques were utilized: [ ] Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O: Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR: Test Method: Casing PSI: Tubing PSI: Choke Size: Gas Disposition: Gas Type: Btu Gas: API Gravity Oil: Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

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.

FORMATION: FORT HAYS Status: COMMINGLED Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_

Perforations Top: 8986 Bottom: 11274 No. Holes: 480 Hole size: 3/8

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

8986'-8987.5' (10 shots), 9198,-9254.5' (30 shots), 9674'-9751.5' (30 shots), 9806'-11274.5' (410 shots)

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_

Total proppant used (lbs): \_\_\_\_\_ Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_

Calculated 24 hour rate: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_

Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ Packer Depth: \_\_\_\_\_

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.

FORMATION: NIOBRARA-FT HAYS-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/13/2017 End Date: 02/22/2017 Date of First Production this formation: 06/23/2017

Perforations Top: 6600 Bottom: 13659 No. Holes: 1990 Hole size: 3/8

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

50 Stage Plug & Perf, 1453330# 100 Mesh, 6057434# 40/70 Sand, 113891# 30/50 Sand, 492 bbls 15% HCL, 287011 bbls Slickwater

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 287503 Max pressure during treatment (psi): 7785

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): 0.81

Total acid used in treatment (bbl): 492 Number of staged intervals: 50

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 287509

Fresh water used in treatment (bbl): 287011 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 7624655 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/04/2017 Hours: 24 Bbl oil: 134 Mcf Gas: 124 Bbl H2O: 1330

Calculated 24 hour rate: Bbl oil: 134 Mcf Gas: 124 Bbl H2O: 1330 GOR: 92

Test Method: Seperator Casing PSI: 900 Tubing PSI: 400 Choke Size: 26

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1376 API Gravity Oil: 33

Tubing Size: 3 Tubing Setting Depth: 5853 Tbg setting date: 06/15/2017 Packer Depth: 5842

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:

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 Technician Date: Email lauren.mccaddon@whiting.com

Attachment Check List

Table with 2 columns: Att Doc Num, Name. Row 1: 401384841, WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group Comment Comment Date

Table with 3 columns: User Group, Comment, Comment Date. Row 1: Stamp Upon Approval

Total: 0 comment(s)