

FORM
5A

Rev
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



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10/02/2015

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: <u>96155</u>	4. Contact Name: <u>Elvera Berryman</u>
2. Name of Operator: <u>WHITING OIL & GAS CORPORATION</u>	Phone: <u>(303) 390-4221</u>
3. Address: <u>1700 BROADWAY STE 2300</u>	Fax: <u>(303) 390-1598</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80290</u>	Email: <u>elvera.berryman@whiting.com</u>

5. API Number <u>05-123-38508-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Razor</u>	Well Number: <u>22D-2703A</u>
8. Location: QtrQtr: <u>NWNW</u> Section: <u>22</u> Township: <u>10N</u> Range: <u>58W</u> Meridian: <u>6</u>	
9. Field Name: <u>DJ HORIZONTAL NIOBRARA</u> Field Code: <u>16950</u>	

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/21/2015 End Date: 06/26/2015 Date of First Production this formation: 07/16/2015
Perforations Top: 6145 Bottom: 13102 No. Holes: 1080 Hole size: 3/8

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

Cemented Liner 30 staged intervals.
Fluid type: Slickwater. 5516 bbl Treated Water; 186225 bbl Slickwater; 661 bbl 15% HCL.
Proppant: 3915077#PW 30/50; 79447# PW 40/70.
See attached wellbore diagram for details.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 192402 Max pressure during treatment (psi): 8086

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): 661 Number of staged intervals: 30

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 8731

Fresh water used in treatment (bbl): 191741 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3994524 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/24/2015 Hours: 24 Bbl oil: 359 Mcf Gas: 365 Bbl H2O: 317

Calculated 24 hour rate: Bbl oil: 359 Mcf Gas: 365 Bbl H2O: 317 GOR: 1016

Test Method: Separator Casing PSI: 860 Tubing PSI: 425 Choke Size: 29/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1403 API Gravity Oil: 48

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5769 Tbg setting date: 07/18/2015 Packer Depth: 5752

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: Elvera Berryman

Title: Engineering Technicia Date: 10/2/2015 Email: elvera.berryman@whiting.com

Attachment Check List

Att Doc Num	Name
400910521	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

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

Total: 0 comment(s)