

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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Date Received:

09/22/2015

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>05-123-38743-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Horsetail</u>	Well Number: <u>30F-1948</u>
8. Location: QtrQtr: <u>SEnw</u> Section: <u>30</u> Township: <u>10N</u> Range: <u>57W</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: 02/14/2015 End Date: 02/20/2015 Date of First Production this formation:

Perforations Top: 5981 Bottom: 12995 No. Holes: 1440 Hole size: 3/7

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

Cemented Liner 40 staged intervals: 84824 bbl pHaserFrac 22 XL Gel; 11962 bbl 22# Linear Gel; 476 bbl 15% HCl; 25757 bbl SlickWater; 6914 bbl Treated Water.
6,762,267.00 # Proppant Ottawa 20/40; 116211# Proppant Ottawa 40/70.
See attached wellbore diagram for details.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 129934

Max pressure during treatment (psi): 6147

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): 476

Number of staged intervals: 40

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 28882

Fresh water used in treatment (bbl): 129458

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 6878477

Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 05/06/2014 Hours: 24 Bbl oil: 359 Mcf Gas: 162 Bbl H2O: 1239

Calculated 24 hour rate: Bbl oil: 359 Mcf Gas: 162 Bbl H2O: 1239 GOR: 451

Test Method: Separator Casing PSI: 960 Tubing PSI: 490 Choke Size: 38/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1352 API Gravity Oil: 59

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5630 Tbg setting date: 03/21/2015 Packer Depth: 5618

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: Engineer Tech Date: 9/22/2015 Email: elvera.berryman@whiting.com

Attachment Check List

Att Doc Num Name

400886668 WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group Comment Comment Date

Total: 0 comment(s)