

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400753534

Date Received:

03/17/2015

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>05-123-38804-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Horsetail</u>	Well Number: <u>29G-2012B</u>
8. Location: QtrQtr: <u>SWNE</u> Section: <u>29</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: 12/12/2014 End Date: 12/19/2014 Date of First Production this formation: 01/31/2015
Perforations Top: 6004 Bottom: 13620 No. Holes: 1440 Hole size: 3/8

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

40 staged intervals, ; 643 bbl Total 15% HCL, 82881 bbl 22# pHaserFrac XL Gel, 14195 bbl 22# CMHPG WaterFrac Linear Gel, 33373 bbl Slickwater
Total Proppant: 6429856#20/40 Ottawa; 118868#40/70 Ottawa

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 131092 Max pressure during treatment (psi): 10261

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): 0.78

Total acid used in treatment (bbl): 643 Number of staged intervals: 40

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 29333

Fresh water used in treatment (bbl): 130449 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 6549693 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 02/06/2015 Hours: 24 Bbl oil: 268 Mcf Gas: 152 Bbl H2O: 722

Calculated 24 hour rate: Bbl oil: 268 Mcf Gas: 152 Bbl H2O: 722 GOR: 567

Test Method: Separator Casing PSI: 60 Tubing PSI: 210 Choke Size: 64/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1677 API Gravity Oil: 32

Tubing Size: 2 + 7/8 Tubing Setting Depth: 4995 Tbg setting date: 01/16/2015 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.

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: 3/17/2015 Email: elvera.berryman@whiting.com

Attachment Check List

Att Doc Num	Name
400753534	FORM 5A SUBMITTED
400805067	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Corrected fluid totals. Bottom perf is at legal setback.	05/21/2018

Total: 1 comment(s)