

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:

401410396

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: 100322
2. Name of Operator: NOBLE ENERGY INC
3. Address: 1001 NOBLE ENERGY WAY
City: HOUSTON State: TX Zip: 77070
4. Contact Name: LOGAN BOUGHAL
Phone: (832) 6397447
Fax:
Email: LOGAN.BOUGHAL@NBLENERGY.COM

5. API Number 05-123-43917-00
6. County: WELD
7. Well Name: Wells Ranch State
Well Number: AA33-725
8. Location: QtrQtr: SESE Section: 21 Township: 6N Range: 63W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/31/2017 End Date: 06/23/2017 Date of First Production this formation: 09/12/2017

Perforations Top: 6840 Bottom: 16278 No. Holes: 1336 Hole size: 0.46

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

Niobrara Frac'd with 1,957,085 lbs 100 Mesh, 16,562,206 lbs 40/70 Sand, 23,415,247 gal slurry, 521 bbls 28% HCl

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

Total fluid used in treatment (bbl): 557506 Max pressure during treatment (psi): 7970

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.43

Type of gas used in treatment: Min frac gradient (psi/ft): 0.91

Total acid used in treatment (bbl): 521 Number of staged intervals: 44

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 2906

Fresh water used in treatment (bbl): 557506 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 18519291 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 09/13/2017 Hours: 24 Bbl oil: 368 Mcf Gas: 477 Bbl H2O: 319

Calculated 24 hour rate: Bbl oil: 368 Mcf Gas: 477 Bbl H2O: 319 GOR: 1296

Test Method: Flowing Casing PSI: 3 Tubing PSI: 1449 Choke Size: 18/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1215 API Gravity Oil: 52

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6741 Tbg setting date: 09/06/2017 Packer Depth: 6746

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:

Actual TPZ is 491' FNL, 976' FEL

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____

Print Name: Logan Boughal

Title: Regulatory Analyst

Date: _____

Email: logan.boughal@nblenergy.com

:

Attachment Check List

Att Doc Num **Name**

--	--

Total Attach: 0 Files

General Comments

User Group **Comment**

Comment Date

		Stamp Upon Approval
--	--	---------------------

Total: 0 comment(s)