

FORM  
5ARev  
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:

402228613

Date Received:

11/06/2019

## 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 4. Contact Name: Craig Richardson  
 2. Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4232  
 3. Address: 1001 NOBLE ENERGY WAY Fax: \_\_\_\_\_  
 City: HOUSTON State: TX Zip: 77070 Email: Denverregulatory@nblenergy.com

5. API Number 05-123-49604-00 6. County: WELD  
 7. Well Name: STARS FEDERAL Well Number: LD17-750  
 8. Location: QtrQtr: SWSW Section: 5 Township: 9N Range: 58W Meridian: 6  
 9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

## Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATIONTreatment Date: 08/03/2019 End Date: 08/13/2019 Date of First Production this formation: 10/12/2019Perforations Top: 6540 Bottom: 16682 No. Holes: 1797 Hole size: 0.32Provide a brief summary of the formation treatment: Open Hole: ☐

Niobrara completed with 156 bbls 28% HCL, 449,608 bbls slurry, 1,546,848 lb 100 Mesh, 15,203,577 lb 40/70

This formation is commingled with another formation: ☐ Yes ☒ NoTotal fluid used in treatment (bbl): 449764Max pressure during treatment (psi): 8097

Total gas used in treatment (mcf): \_\_\_\_\_

Fluid density at initial fracture (lbs/gal): 8.43

Type of gas used in treatment: \_\_\_\_\_

Min frac gradient (psi/ft): 0.78Total acid used in treatment (bbl): 156Number of staged intervals: 42

Recycled water used in treatment (bbl): \_\_\_\_\_

Flowback volume recovered (bbl): 0Fresh water used in treatment (bbl): 449608Disposition method for flowback: DISPOSALTotal proppant used (lbs): 16750425Rule 805 green completion techniques were utilized: ☒

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

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 10/16/2019 Hours: 24 Bbl oil: 205 Mcf Gas: 102 Bbl H2O: 984Calculated 24 hour rate: Bbl oil: 205 Mcf Gas: 102 Bbl H2O: 984 GOR: 498Test Method: Flowing Casing PSI: 12 Tubing PSI: 634 Choke Size: 18/64Gas Disposition: SOLD Gas Type: WET Btu Gas: 1330 API Gravity Oil: 42Tubing Size: 2 + 3/8 Tubing Setting Depth: 6382 Tbg setting date: 09/27/2019 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:

6 dissolvable bridge plugs were left at the toe of the well and were not drilled out, and therefore, do not have a plug removal date. Based on the vendor's specifications and our well conditions, it is estimated that these plugs dissolve in approximately 21 days.

This well did not flowback; it went straight to the facility.

Actual TPZ: 210' FNL and 2574' FWL, Sec 8, T9N, R58W

Drilling Beyond the Unit Boundary Setback:

1. Bottom perf interval 295' FSL, 2560' FWL, Section 17, T9N, R58W
2. This well is a cemented monobore, the wellbore is physically isolated with cement.
3. None of the wellbore beyond the setback was completed.

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

Signed: \_\_\_\_\_ Print Name: Julie Webb

Title: Sr. Regulatory Analyst Date: 11/6/2019 Email : julie.webb@nblenergy.com

### Attachment Check List

**Att Doc Num**      **Name**

402228613	FORM 5A SUBMITTED
402233000	OTHER

Total Attach: 2 Files

### General Comments

**User Group**      **Comment**

**Comment Date**

Permit	Permitting review complete.	01/02/2020
--------	-----------------------------	------------

Total: 1 comment(s)