

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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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: Craig Richardson
Phone: (303) 228-4232
Fax:
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 STIMULATION

Treatment Date: 08/03/2019 End Date: 08/13/2019 Date of First Production this formation: 10/12/2019
Perforations Top: 6540 Bottom: 16682 No. Holes: 1797 Hole size: 0.32

Provide 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 [X] No

Total fluid used in treatment (bbl): 449764 Max 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): 0.78
Total acid used in treatment (bbl): 156 Number of staged intervals: 42
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 0
Fresh water used in treatment (bbl): 449608 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 16750425 Rule 805 green completion techniques were utilized: [X]

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: 984
Calculated 24 hour rate: Bbl oil: 205 Mcf Gas: 102 Bbl H2O: 984 GOR: 498
Test Method: Flowing Casing PSI: 12 Tubing PSI: 634 Choke Size: 18/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1330 API Gravity Oil: 42
Tubing 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

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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402228613	FORM 5A SUBMITTED
402233000	OTHER

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Permitting review complete.	01/02/2020

Total: 1 comment(s)