

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: 402017493

Date Received: 05/09/2019

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
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 05-123-47705-00
6. County: WELD
7. Well Name: DOROTHY STATE
Well Number: LG16-748
8. Location: QtrQtr: SWSE Section: 4 Township: 8N Range: 59W Meridian: 6
9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/18/2019 End Date: 03/11/2019 Date of First Production this formation: 04/16/2019
Perforations Top: 6552 Bottom: 16789 No. Holes: 1340 Hole size: 0.42

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

Niobrara completed with: 813 bbls 15% HCl, 509,966 bbls slurry, 1,203,140 100 mesh, 15,823,303 lbs 40/70

This formation is commingled with another formation: [] Yes [X] No

Total fluid used in treatment (bbl): 510779 Max pressure during treatment (psi): 8181
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): 0.88
Total acid used in treatment (bbl): 813 Number of staged intervals: 43
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 1270
Fresh water used in treatment (bbl): 509966 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 17026443 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: 04/26/2019 Hours: 24 Bbl oil: 275 Mcf Gas: 133 Bbl H2O: 994
Calculated 24 hour rate: Bbl oil: 275 Mcf Gas: 133 Bbl H2O: 994 GOR: 484
Test Method: Flowing Casing PSI: 6 Tubing PSI: 678 Choke Size: 22/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1355 API Gravity Oil: 42
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6384 Tbg setting date: 04/04/2019 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:

Actual TPZ is 229 FNL 2505 FEL Sec 9 T8N R59W.

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: 5/9/2019 Email julie.webb@nblenergy.com

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402017493	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	•Operator updated Frac Focus treatment dates	09/05/2019
Permit	•Treatment dates submitted to Frac Focus do not match those submitted on this form; requested clarification from Operator	08/29/2019
Permit	•COA on APD required "In the Operator Comments on the Form 5A the operator will (1) report the footages from the section lines of the bottom of the completed interval (2) describe how the wellbore beyond the unit boundary setback is physically isolated and (3) certify that none of the wellbore beyond the setback was completed" •These three requirements were not met, and the Operator is in violation of this COA	08/22/2019

Total: 3 comment(s)