

**FORM**  
**5A**  
Rev  
09/20

**State of Colorado**  
**Oil and Gas Conservation Commission**  
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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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: 10670  
2. Name of Operator: MALLARD EXPLORATION LLC  
3. Address: 1400 16TH STREET SUITE 300  
City: DENVER State: CO Zip: 80202  
4. Contact Name: Carl Enright  
Phone: (720) 5437967  
Fax: \_\_\_\_\_  
Email: cenright@mallardexploration.com

5. API Number 05-123-48424-00  
6. County: WELD  
7. Well Name: Blue Teal Fed  
Well Number: 15-3-9HN  
8. Location: QtrQtr: NWNE Section: 22 Township: 8N Range: 60W Meridian: 6  
9. Field Name: WILDCAT Field Code: 99999

## Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: HYDRAULIC FRACTURING

Treatment Date: 05/01/2021 End Date: 05/20/2021 Date this Formation was Completed: 07/28/2021

Perforations Top: 6841 Bottom: 22127 No. Holes: 3024 Hole size: 0.37 Open Hole:

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

85 Stages Plug and Perf, 771,585 bbls of Slickwater, 8,646,530 # 100 mesh and 33,995,198 # 40/70, 1345 bbls 7.5% HCl  
No perforations between 19,034' and 19,265' due to offset wellbore per spacing order

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 772930 Max pressure during treatment (psi): 8624

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.85

Total acid used in treatment (bbl): 1345 Number of staged intervals: 85

Recycled or Reused Fluids used in treatment (bbl): 0 Flowback volume recovered (bbl): 8935

Fresh water used in treatment (bbl): 771585 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 42641728

**Fracture stimulations must be reported on FracFocus.org**

### Test Information:

08/11/2021 Hours: 24 Bbl oil: 582 Mcf Gas: 403 Bbl H2O: 1577  
Date Calculated 24 hour rate: Bbl oil: 582 Mcf Gas: 403 Bbl H2O: 1577 GOR: 692  
Test Method: Flowing Casing PSI: 405 Tubing PSI: 658 Choke Size: 28/64  
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1495 API Gravity Oil: 37  
Tubing Size: 2 + 7/8 Tubing Setting Depth: 6635 Tbg setting date: 07/20/2021 Packer Depth: 6629

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: Carl Enright

Title: Completions Manager Date: \_\_\_\_\_ Email: cenright@mallardexploration.com

## Attachment List

Att Doc Num	Name

Total Attach: 0 Files

## General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)