

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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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: 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 05-123-48427-00

7. Well Name: Blue Teal Fed

6. County: WELD

Well Number: 15-3-7HN

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: 05/21/2021 Date this Formation was Completed: 08/03/2021
Perforations Top: 6635 Bottom: 18582 No. Holes: 2484 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.

70 Stages Plug and Perf, 628,611 bbls of Slickwater, 8,661,540 # 100 mesh and 27,320,697 # 40/70, 929 bbls 7.5% HCl

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

Total fluid used in treatment (bbl): 629540 Max pressure during treatment (psi): 8455
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): 0.84
Total acid used in treatment (bbl): 929 Number of staged intervals: 70
Recycled or Reused Fluids used in treatment (bbl): Flowback volume recovered (bbl): 19486
Fresh water used in treatment (bbl): 628611 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 35982237

Fracture stimulations must be reported on [FracFocus.org](https://www.fracfocus.org)

Test Information:

08/20/2021 Hours: 24 Bbl oil: 491 Mcf Gas: 331 Bbl H2O: 1439
Date Calculated 24 hour rate: Bbl oil: 491 Mcf Gas: 331 Bbl H2O: 1439 GOR: 674
Test Method: Flowing Casing PSI: 223 Tubing PSI: 510 Choke Size: 30/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1496 API Gravity Oil: 37
Tubing Size: 2 + 7/8 Tubing Setting Depth: 5669 Tbg setting date: 07/22/2021 Packer Depth: 5663
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)