

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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Document Number:

402793006

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 05-123-48423-00

7. Well Name: Blue Teal Fed

6. County: WELD

Well Number: 15-3-5HN

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: 05/21/2021 End Date: 06/02/2021 Date this Formation was Completed: 08/06/2021
Perforations Top: 6629 Bottom: 18575 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, 654,812 bbls of Slickwater, 8,273,400 # 100 mesh and 27,706,673 # 40/70, 1172 bbls 7.5% HCl, 167 bbls 15% HCl

Flowback volume measured using tank level sensors in produced water tanks. Volume recovered until first sales.

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

Total fluid used in treatment (bbl): 655521 Max pressure during treatment (psi): 8617
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): 0.82
Total acid used in treatment (bbl): 1339 Number of staged intervals: 70
Recycled or Reused Fluids used in treatment (bbl): Flowback volume recovered (bbl): 12527
Fresh water used in treatment (bbl): 654182 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 35980073

Fracture stimulations must be reported on FracFocus.org

Test Information:

07/23/2021 Hours: 24 Bbl oil: 400 Mcf Gas: 279 Bbl H2O: 1185
Date: 07/23/2021 Calculated 24 hour rate: Bbl oil: 400 Mcf Gas: 279 Bbl H2O: 1185 GOR: 698
Test Method: Flowing Casing PSI: 233 Tubing PSI: 722 Choke Size: 24/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1464 API Gravity Oil: 37
Tubing Size: 2 + 7/8 Tubing Setting Depth: 6389 Tbg setting date: 07/23/2021 Packer Depth: 6383
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)