

FORM
5ARev
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:

401739389

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: 52530
 2. Name of Operator: MAGPIE OPERATING INC
 3. Address: 2707 SOUTH COUNTY RD 11
 City: LOVELAND State: CO Zip: 80537
 4. Contact Name: Ryan Warner
 Phone: (970) 699-6308
 Fax: (970) 699-6396
 Email: magpieoil@yahoo.com

5. API Number 05-069-06500-00
 6. County: LARIMER
 7. Well Name: Bunker
 Well Number: 3A-1H
 8. Location: QtrQtr: SENW Section: 32 Township: 5N Range: 68W Meridian: 6
 9. Field Name: LOVELAND Field Code: 52000

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/05/2018 End Date: 07/12/2018 Date of First Production this formation: 07/19/2018

Perforations Top: 5180 Bottom: 9015 No. Holes: 1152 Hole size: 0.42

Provide a brief summary of the formation treatment: Open Hole: ☐

Frac 24 Stages with 286 bbls total ACID (15% HCL)+ 112,453 bbls total BASE_FLUID + 1,064,270 lbs 100MESH + 3,152,510 lbs 40/70_SAND

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

Total fluid used in treatment (bbl): 112453 Max pressure during treatment (psi): 7939

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): 0.76

Total acid used in treatment (bbl): 286 Number of staged intervals: 24

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 4448

Fresh water used in treatment (bbl): 110353 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4216780 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 09/04/2018 Hours: 24 Bbl oil: 178 Mcf Gas: 591 Bbl H2O: 27

Calculated 24 hour rate: Bbl oil: 178 Mcf Gas: 591 Bbl H2O: 27 GOR: 3320

Test Method: Flowing Casing PSI: 760 Tubing PSI: 520 Choke Size: 18/64

Gas Disposition: FLARED Gas Type: SHALE Btu Gas: 1650 API Gravity Oil: 36

Tubing Size: 2 + 3/8 Tubing Setting Depth: 4495 Tbg setting date: 07/17/2018 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:

Prior to completion bradenhead test performed 7/9/18 submitted form 17 on 8/22/18. Post first production bradenhead test performed 10/17/18 submitted form 17 on 2/22/19.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Ryan Warner

Title: Vice President Date: _____ Email magpieoil@yahoo.com

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Attachment Check List

Att Doc Num **Name**

401739867	OTHER
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Total Attach: 1 Files

General Comments

User Group **Comment** **Comment Date**

Permit	Date of First Production provided on 5A is 8/2/18. Date of First Production on the Form 10 is 7/19/18. Acid type and concentration are missing from the formation treatment description. Fluid type and concentration for "BASE_FLUID" missing from treatment description. Total Fluid Used in Treatment does not match formation treatment summary. Total of Recycled Water and Fresh Water does not match total "BASE_FLUID" in formation treatment summary. Choke size appears to be incorrect. Emailed operator.	01/08/2020
Engineer	operator request to DRAFT - back to draft so I can address the braden head COA in the comments section	02/21/2019

Total: 2 comment(s)