

FORM
5A

Rev
09/20

State of Colorado

Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:
403231848

Date Received:
07/17/2023

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: <u>10243</u>	4. Contact Name: <u>Whitney Eberhardt</u>
2. Name of Operator: <u>GMT EXPLORATION COMPANY LLC</u>	Phone: <u>(303) 586-9289</u>
3. Address: <u>4949 S NIAGARA ST SUITE 250</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80237</u>	Email: <u>w.eberhardt@gmtexploration.com</u>

5. API Number <u>05-039-06722-00</u>	6. County: <u>ELBERT</u>
7. Well Name: <u>Irwin 6-65 23-11</u>	Well Number: <u>10HN</u>
8. Location: QtrQtr: <u>SESE</u> Section: <u>23</u> Township: <u>6S</u> Range: <u>65W</u> Meridian: <u>6</u>	
9. Field Name: <u>DJ HORIZONTAL NIOBRARA</u> Field Code: <u>16950</u>	

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: HYDRAULIC FRACTURING

Treatment Date: 07/01/2022 End Date: 07/10/2022 Date this Formation was Completed: 09/01/2022

Perforations Top: 8728 Bottom: 20642 No. Holes: 2280 Hole size: 2/5 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.

Completion type was a plug and perf, 60 intervals, max pressure 9,500 psi, main fluid type was LibertyFR, proppant type 40/70 white, 100 mesh.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 630203 Max pressure during treatment (psi): 9500

Total gas used in treatment (mcf): 0 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): 881 Number of staged intervals: 60

Recycled or Reused Fluids used in treatment (bbl): 21600 Flowback volume recovered (bbl): 64968

Fresh water used in treatment (bbl): 607722 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 20764902

Fracture stimulations must be reported on FracFocus.org

Test Information:

08/18/2022 Hours: 4 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 124

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 744 GOR: 0

Test Method: Flowback Casing PSI: 2043 Tubing PSI: 1981 Choke Size: 10/64

Gas Disposition: FLARED Gas Type: WET Btu Gas: 0 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6222 Tbg setting date: 08/17/2022 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:

Final TPZ is at 2028 FNL 671 FEL
Final BPZ at 609 FNL 660 FEL, The wellbore is isolated by cement that occupies the casing beyond the float collar

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

Signed: _____ Print Name: Whitney Eberhardt

Title: Engineer Technician Date: 7/17/2023 Email: w.eberhardt@gmtexploration.com

Attachment List

Att Doc Num	Name
403231848	FORM 5A SUBMITTED
403231918	OPERATIONS SUMMARY
403279314	WIRELINE JOB SUMMARY
403299717	OTHER

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Added Comment about how the wellbore was isolated from the operator Added Engineer task Passed Permit Review	03/06/2024
Permit	Calculated the 24 hour rate for H2O Confirmed the end date of treatment and the locations of the BPZ and TPZ with the operator Selected gas disposition type from operator	02/12/2024
Permit	Corrected the depth of the bottom perf as per the wirelines/ Operations summaries Corrected typo on total amount of fluids used Confirming the location of the TPZ and BPZ with the operator Confirming the end date of treatment with the operator	01/23/2024
Permit	Send back to draft for corrections	06/21/2023
Engineer	form late; no FF; F7 reporting not back to spud	06/20/2023
Permit	Returned to draft for operator corrections.	01/03/2023

Total: 6 comment(s)