

FORM
5

Rev
12/20

State of Colorado

Energy & Carbon Management Commission

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



Document Number:

403363039

Date Received:

DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and/or cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type Final completion Preliminary completion

ECMC Operator Number: 10243 Contact Name: Whitney Eberhardt
Name of Operator: GMT EXPLORATION COMPANY LLC Phone: (303) 5869289
Address: 4949 S NIAGARA ST SUITE 250 Fax:
City: DENVER State: CO Zip: 80237 Email: w.eberhardt@gmtexploration.com

API Number 05-039-06688-00 County: ELBERT
Well Name: Vulcan 6-64 10-8 Well Number: 10HN
Location: QtrQtr: SENW Section: 10 Township: 6S Range: 64W Meridian: 6
Footage at surface: Distance: 1801 feet Direction: FNL Distance: 2262 feet Direction: FWL
As Drilled Latitude: 39.545070 As Drilled Longitude: -104.542228
GPS Data: GPS Quality Value: 1.3 Type of GPS Quality Value: PDOP Date of Measurement: 04/10/2023
** If directional footage at Top of Prod. Zone Dist: 447 feet Direction: FSL Dist: 2015 feet Direction: FWL
** If directional footage at Bottom Hole Dist: 674 feet Direction: FSL Dist: 600 feet Direction: FWL
Field Name: DJ HORIZONTAL NIOBRARA Field Number: 16950
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 02/27/2023 Date TD: 03/27/2023 Date Casing Set or D&A: 03/29/2023
Rig Release Date: 03/30/2023 Per Rule 308A.b.

Well Classification:
 Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 20677 TVD** 7921 Plug Back Total Depth MD 20642 TVD** 7921
Elevations GR 6076 KB 6093 Digital Copies of ALL Logs must be Attached

List All Logs Run:
Mud Log, CBL, MWD/LWD, RES

FLUID VOLUMES USED IN DRILLING OPERATIONS
(Enter "0" if a type of a fluid was not used. Do not leave blank.)
Total Fluids (bbls): 4751 Fresh Water (bbls): 0
Recycled or Reused Fluids That Offset the Use of Fresh Water (bbls): 0

Recycled Produced Water Alternative (bbls): 0

CASING, LINER AND CEMENT

<u>Casing Type</u>	<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Csg/Liner Top</u>	<u>Setting Depth</u>	<u>Sacks Cmt</u>	<u>Cmt Btm</u>	<u>Cmt Top</u>	<u>Status</u>
CONDUCTOR	24	16	line	42	0	80	200	80	0	VISU
SURF	13+1/2	9+5/8	J55	36	0	2259	595	2259	80	VISU
1ST	8+1/2	5+1/2	HCP110	20	0	20657	2990	20657	0	CBL

Bradenhead Pressure Action Threshold 678 psig

This threshold is calculated per Rule 308A.b.(2)G. If this well is located in a bradenhead test area (see Rule 207.b) per an Order of the Commission, it may be subject to a different threshold.

Does the casing centralization comply with Rule 317.g? Yes

If "NO", provide details below.

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 03/02/2023

<u>Method used</u>	<u>String</u>	<u>Cementing tool setting/perf depth</u>	<u>Cement volume</u>	<u>Cement top</u>	<u>Cement bottom</u>
1 INCH	SURF	0	10	0	80

Details of work:

Top out job using 1" lines to fill in cement that had settled a few feet from the surface. Used 12 ppg "LEAD" cement to top off the annulus.

FORMATION LOG INTERVALS AND TEST ZONES

<u>FORMATION NAME</u>	<u>Measured Depth</u>		<u>Check if applies</u>		<u>COMMENTS (All DST and Core Analysis must be submitted to ECMC)</u>
	<u>Top</u>	<u>Bottom</u>	<u>DST</u>	<u>Cored</u>	
DAWSON	142				
DENVER	212				
ARAPAHOE	1,096				
FOX HILLS	1,931				
PIERRE	2,162				
SUSSEX	5,371				
SHARON SPRINGS	7,560				
NIOBRARA	8,220				

Operator Comments:

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

Signed: _____

Print Name: Whitney Lancaster

Title: Engineer Tech

Date: _____

Email: w.eberhardt@gmtexploration.com

ATTACHMENT LIST

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
404142403	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
403523577	Directional Survey **	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
403382589	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403523583	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403523585	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403525583	LAS-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403525586	PDF-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
404373139	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
404373141	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
404373157	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
404373159	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to draft per operator's request	09/22/2025

Total: 1 comment(s)