

**FORM  
INSP**Rev  
X/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

Inspection Date:

07/17/2024

Submitted Date:

07/30/2024

Document Number:

697505391**FIELD INSPECTION FORM**Loc ID 478811 Inspector Name: Binschus, Chris On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**ECMC Operator Number: 10243Name of Operator: GMT EXPLORATION COMPANY LLCAddress: 4949 S NIAGARA ST SUITE 250City: DENVER State: CO Zip: 80237**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**6 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM  
PREVIOUS INSPECTIONS THAT HAVE NOT  
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

Contact Name	Phone	Email	Comment
		julie.schuyler@state.co.us	
		Mblair@gmtexploration.com	
		shannon.kime@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
478811	LOCATION	AC			-	Vulcan 6-64 10-8 Pad	RI

**General Comment:**

This is a joint inspection with CDPHE Water Quality Control Division. CDPHE was conducting a construction stormwater inspection of GMT Exploration Company LLC locations and ECMC staff attended. ECMC will not issue any corrective actions that would also be a corrective action for CDPHE.

The below are potential observations being addressed by CDPHE.

1. Areas of seed and mulch had bare spots and/or riling; straw mulch was no longer crimped in the ground
2. Mulching material had accumulated in drainage ditches and discharge points
3. Culvert inlet had debris and sediment accumulated and had signs of scouring at downgradient outlet
4. Coolant leaks were observed on the ground
5. Rills were observed on banks and inflow points of sediment trap

### Location Construction

Location ID: 478811 CDP: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_

#### Form 2A COAs:

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_

#### Wildlife BMPs:

Comment: ECMC staff has concerns about the current introduced seed mix being used as it relates to High Priority Habitat identified in the Interim Reclamation section of this report. It is ECMC's expectation that reclamation areas will be reseeded with an approved CPW seed mix.

Corrective Action: Consult with CPW to determine a proper seed mix. Provide documentation of the consultation and the recommended CPW seed mix. ECMC will instruct Operator on the next step after receiving the recommended CPW seed mix.

Date: 09/16/2024

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Date:

#### On Site Inspection (305):

##### Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

##### Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

##### LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

##### Summary of Landowner Issues:

\_\_\_\_\_

##### Summary of Operator Response to Landowner Issues:

\_\_\_\_\_

##### Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

\_\_\_\_\_

Inspected Facilities									
Facility ID:	478811	Type:	LOCATION	API Number:	-	Status:	AC	Insp. Status:	RI
The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12									

**Reclamation - Storm Water - Pit****Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

Comment: \_\_\_\_\_

**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND  
SEGREGATION \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_ In Process \_\_\_\_\_

Comment

Topsoil is stockpiled along the western perimeter of location to facilitate final reclamation.

Per Rule 1002.c., all stockpiles shall be protected from degradation due to contamination, compaction and, to the extent practicable, from wind and water erosion during drilling and production operations. Per Rule 1002.c., BMPs to prevent weed establishment and to maintain soil microbial activity shall be implemented.

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003a. Waste and Debris removed? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003b. Area no longer in use? PassProduction areas stabilized ? Pass

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_

Cuttings management: \_\_\_\_\_

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? InProduction areas have been stabilized? Pass Segregated soils have been replaced? Pass**RESTORATION AND REVEGETATION**Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

## 1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment

Operator has performed interim reclamation activities to reduce disturbance areas only needed for production operations. However, cereal rye, an aggressive, undesirable annual grass was observed throughout portions of the interim reclamation areas. Cereal rye appeared to already seed out; therefore, management of that species will have to occur in 2025. No cereal rye was observed along the road.

Portions of the access road were predominately annual vegetation and bare ground or where there was vegetation, it is introduced grass species, which is not reflective of reference area vegetation. Note, it has been two growing seasons since seeding.

Location is within Mule Deer Winter Concentration Area and Pronghorn Winter Concentration Area.

Corrective Action

Operator shall submit a Reclamation Plan (Plan) and encourage the Plan be assembled and implemented by an experienced, professional reclamation contractor. The Plan shall detail the action plan to control, monitor and manage Cereal rye (*Secale cereale*) from all disturbance areas.

Operator will be required to control, monitor and manage all Cereal rye until all Cereal rye has been eliminated. If Cereal rye moves off location, Operator will be responsible for eliminating all Cereal rye.

Submit the Plan by no later than September 16, 2024 via a Form 4 Sundry Notice to the attention of Chris Binschus.

Date 09/16/2024Overall Interim Reclamation Fail**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND

Reminder: \_\_\_\_\_

Comment: \_\_\_\_\_

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed \_\_\_\_\_ Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_ Subsidence \_\_\_\_\_

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

Comment:

Corrective Action:  Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_ Well Release on Active Location ☐ Multi-Well Location ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment: 

In response to Field Inspection Report (FIR) Doc.#709400373 submitted on 7/31/2023, that FIR had corrective actions to address stormwater erosion. It appears the Operator has completed the required stormwater repairs within that FIR.

Corrective Action:  Date: \_\_\_\_\_

Pits: ☐ NO SURFACE INDICATION OF PIT

ECMC Comments		
Comment	User	Date
To provide additional information for Cereal rye, ECMC staff believes Cereal rye came in with the straw mulch used during reclamation activities, similar to the Cinnamon location. Operator shall address this issue within the Plan.	binschusc	07/30/2024
Note- the Form 2A stated that no noxious weeds were present at this location.		

Attached Documents

You can go to ECMC Images (<https://ecmc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
697505392	Inspection Photos	<a href="https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6645618">https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6645618</a>