

**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: <u>402774690</u>			
Date Received: <u>08/09/2021</u>			

**SUNDRY NOTICE**

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

OGCC Operator Number: 10243 Contact Name Whitney Lancaster  
Name of Operator: GMT EXPLORATION COMPANY LLC Phone: (303) 586 9289  
Address: 1560 BROADWAY STE 2000 Fax: ( )  
City: DENVER State: CO Zip: 80202 Email: w.eberhardt@gmtexploration.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 039 00 OGCC Facility ID Number: 479194  
Well/Facility Name: Irwin-Taylor Well/Facility Number: Pad  
Location QtrQtr: SESE Section: 23 Township: 6S Range: 65W Meridian: 6  
County: ELBERT Field Name: \_\_\_\_\_  
Federal, Indian or State Lease Number: \_\_\_\_\_

Survey Plat		
Directional Survey		
Srvc Eqpmt Diagram		
Technical Info Page		
Other		

**CHANGE OF LOCATION OR AS BUILT GPS REPORT**

☐ Change of Location \* ☐ As-Built GPS Location Report ☐ As-Built GPS Location Report with Survey

\* Well location change requires new plat. A substantive surface location change may require new Form 2A.

**SURFACE LOCATION GPS DATA** Data must be provided for Change of Surface Location and As Built Reports.

Latitude \_\_\_\_\_ GPS Quality Value: \_\_\_\_\_ Type of GPS Quality Value: \_\_\_\_\_ Measurement Date: \_\_\_\_\_  
Longitude \_\_\_\_\_

**LOCATION CHANGE (all measurements in Feet)**

Well will be: \_\_\_\_\_ (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

Change of **Surface** Footage **To** Exterior Section Lines:

Current **Surface** Location **From** QtrQtr SESE Sec 23

New **Surface** Location **To** QtrQtr \_\_\_\_\_ Sec \_\_\_\_\_

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

Current **Top of Productive Zone** Location **From** Sec \_\_\_\_\_

New **Top of Productive Zone** Location **To** Sec \_\_\_\_\_

Change of **Bottomhole** Footage **From** Exterior Section Lines:

Change of **Bottomhole** Footage **To** Exterior Section Lines:

Current **Bottomhole** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_

New **Bottomhole** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_

Is location in High Density Area? \_\_\_\_\_

Distance, in feet, to nearest building \_\_\_\_\_, public road: \_\_\_\_\_, above ground utility: \_\_\_\_\_, railroad: \_\_\_\_\_,

property line: \_\_\_\_\_, lease line: \_\_\_\_\_, well in same formation: \_\_\_\_\_

Ground Elevation \_\_\_\_\_ feet Surface owner consultation date \_\_\_\_\_

FNL/FSL		FEL/FWL	
<u>1034</u>	<u>FSL</u>	<u>451</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>6S</u>	Range <u>65W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
_____	_____	_____	_____
_____	_____	_____	_____
Twp _____	Range _____		
Twp _____	Range _____		
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

\*\*

\*\*

\*\* attach deviated drilling plan

## OTHER CHANGES

☐ **REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment

☐ **CHANGE OF WELL, FACILITY OR OIL & GAS LOCATION NAME OR NUMBER**

From: Name IRWIN-TAYLOR Number PAD Effective Date: \_\_\_\_\_

To: Name \_\_\_\_\_ Number \_\_\_\_\_

☐ **ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**

☐ WELL: Abandon Application for Permit-to-Drill (Form2) – Well API Number \_\_\_\_\_ has not been drilled.

☐ PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number \_\_\_\_\_ has not been constructed (Permitted and constructed pit requires closure per Rule 905)

☐ CENTRALIZED E&P WASTE MANAGEMENT FACILITY: Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number \_\_\_\_\_ has not been constructed (Constructed facility requires closure per Rule 908)

OIL & GAS LOCATION ID Number: \_\_\_\_\_

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

**Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.**

☐ **REQUEST FOR CONFIDENTIAL STATUS**

☐ **DIGITAL WELL LOG UPLOAD**

☒ **DOCUMENTS SUBMITTED** Purpose of Submission: Natural Resource Assessment memo

## RECLAMATION

### INTERIM RECLAMATION

☐ Interim Reclamation will commence approximately \_\_\_\_\_

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.

Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

**Field inspection will be conducted to document Rule 1003.e. compliance**

### FINAL RECLAMATION

☐ Final Reclamation will commence approximately \_\_\_\_\_

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

**Field inspection will be conducted to document Rule 1004.c. compliance**

Comments:

## ENGINEERING AND ENVIRONMENTAL WORK

### ☐ NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned \_\_\_\_\_ Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT \_\_\_\_\_

### ☐ SPUD DATE: \_\_\_\_\_

## TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK

Details of work must be described in full in the COMMENTS below or provided as an attachment.

☐ NOTICE OF INTENT Approximate Start Date \_\_\_\_\_

☒ REPORT OF WORK DONE Date Work Completed 08/04/2021

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input type="checkbox"/> Request to Vent or Flare   | <input type="checkbox"/> E&P Waste Management Plan     |
| <input type="checkbox"/> Change Drilling Plan                        | <input type="checkbox"/> Repair Well  | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Change                       | <input type="checkbox"/> Rule 502 variance requested. Must provide detailed info regarding request. |  |
| <input type="checkbox"/> Bradenhead Plan                             | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |
| <input checked="" type="checkbox"/> Other <u>Update BMP</u>          |   |  |

## COMMENTS:

As discussed with Greg Deranleau on-site on 8/4, and by phone on 8/6, GMT is providing the attached Natural Resource Assessment memo (as 'Other') to confirm that no Ordinary High Water Mark (OHWM) or Ordinary High Water Line (OHWL) exist within 500 ft of the Irwin-Taylor Well Pad or access road. GMT acknowledges and accepts the Best Management Practices (BMPs) specified by CPW and included on Doc# 402673029 and approved on 5/27/21 associated with the Crystal-Ruby Well Pad.

## H2S REPORTING

**Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.**

### **Gas Analysis Report must be attached.**

H2S Concentration: \_\_\_\_\_ in ppm (parts per million) Date of Measurement or Sample Collection \_\_\_\_\_

Description of Sample Point:

Absolute Open Flow Potential \_\_\_\_\_ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: \_\_\_\_\_

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: \_\_\_\_\_

## COMMENTS:

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### **Best Management Practices**

<b><u>No BMP/COA Type</u></b>		<b><u>Description</u></b>
1		GMT will inspect the Oil and Gas Location on a daily basis.
2		GMT will contain Flowback and Stimulation Fluids in Tanks that are placed on a Working Pad Surface in an area with downgradient perimeter berming.
3		GMT will not construct or utilize any pits.
4		GMT will maintain adequate Spill response equipment at the Oil and Gas Location during drilling and completion operations.
5		GMT will construct lined berms or other lined containment devices pursuant to Rule 603.o around any new crude oil, condensate, and produced water storage Tanks that are installed after January 15, 2021.
6	Wildlife	Wildlife Aquatic Species Conservation Waters HPH and NLF (CSU) Through an abundance of caution a silt fence will be installed around the disturbance area and downgradient of the access road three inches deep and 20 inches high, to act as a barrier to possible NLF using uplands.
7	Wildlife	Wildlife Raptors and Migratory Birds (TL) A pre-construction presence/absence survey for raptors will be completed prior to the initial site disturbance at the proposed location. If initial site disturbance will occur between February 15, and August 31, and existing nests are found on-site, or within the CPW's Recommended Buffer Zone for Colorado Raptors (Attachment F), then a further survey will be conducted for activity/occupancy. If raptors are documented during the surveys, the Operator will adhere to the relevant seasonal timing recommendations.
8	Wildlife	Wildlife Mule Deer Severe Winter Range HPH (a blend of TL, CSU) The initial site disturbance will occur prior to December 1 or after April 30 to mitigate population fragmentation and/or mule deer avoiding certain areas of severe winter habitat.

Total: 8 comment(s)

## Operator Comments:

This sundry is intended as a supplement to the in-process sundry Doc #402673034 for the Irwin Taylor Pad and to allow for the approval of the Form 2 currently in-process:

Irwin 6-65 23-11	1HN	402073356
Irwin 6-65 23-11	2HN	402073358
Irwin 6-65 23-11	3HN	402073359
Irwin 6-65 23-11	4HN	402073360
Irwin 6-65 23-11	5HN	402073361
Irwin 6-65 23-11	6HN	402073362
Irwin 6-65 23-11	7HN	402073364
Irwin 6-65 23-11	8HN	402073365
Irwin 6-65 23-11	9HN	402073366
Irwin 6-65 23-11	10HN	402073367
Taylor 6-65 23-26	1HN	402073368
Taylor 6-65 23-26	2HN	402073370
Taylor 6-65 23-26	3HN	402076585
Taylor 6-65 23-26	4HN	402076586
Taylor 6-65 23-26	5HN	402076587
Taylor 6-65 23-26	6HN	402076588
Taylor 6-65 23-26	7HN	402076589
Taylor 6-65 23-26	8HN	402076590
Taylor 6-65 23-26	9HN	402076591
Taylor 6-65 23-26	10HN	402076592

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

Signed: \_\_\_\_\_ Print Name: Justin Garrett

Title: Regulatory Analyst Email: regulatory@ascentgeomatics.com Date: 8/9/2021

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: DERANLEAU, GREG

Date: 8/11/2021

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

**COA Type**

**Description**

0 COA

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
OGLA	Added the additional BMPs to the Operator BMPs with operator concurrence.	08/11/2021
OGLA	COGCC conferred with CPW Energy Liaison regarding the information contained on this Form 4. CPW agreed that if there was no verification of an Ordinary High Water Line in the field then there would be no applicable setback for 1202.c.(1)R. CPW requested that the operator employ BMPs as previously discussed to ensure protection of the mule deer severe winter habitat and potential leopard frog habitat. The BMPs contained herein and previously approved address those issues.	08/11/2021
OGLA	<p>On August 4, 2021 Environmental Manager, Greg Deranleau, met onsite with the following GMT representatives: Dennis Snow (VP Operations, GMT), Maxwell Blair (President, Max, LLC), Tim DeMasters (Principal/Sr Ecologist, Corvus Environmental Consulting LLC) at the approved but unbuilt Irwin-Taylor Oil and Gas Location. The group walked from the approximate proposed origin of the access road northwest (down gradient) to a point in the drainage greater than 500' beyond the boundary of the proposed oil and gas location. The group traversed the drainage bottom to directly observe signs of water flow and vegetation.</p> <p>During the onsite, I observed no flowing or standing water anywhere in the drainage. I observed one area in the bottom of the drainage where vegetation was not present. This area appeared to be a man-made retention pond constructed directly in the path of the drainage to retain water for cattle to drink and wallow. The soil appeared sandy with some clay and was wet in the lowest portion, but dry on the margins. The pond appeared to have been constructed by removing soil from the drainage and piling in a "dam" downgradient from the pond. The dam appeared to include an unreinforced vegetated spillway that showed no evidence of recent, routine, or continual water flow. There was no established channel leading into the pond. It appears that any pooled water infiltrates or evaporates, rather than flowing over the dam and downstream. The overall morphology of the channel above and below the pond appears to be that of an upland swale subject to ephemeral flows.</p> <p>In following and traversing the drainage, I found no evidence consistent with COGCC's 100-Series Definition of Ordinary High Water Line. There was no line impressed on the land due to consistent coverage by water with characteristics distinguishable above or below such a line. There were no continuous or contiguous areas where the vegetation was differentiated along the low point of the drainage from the areas surrounding it. The entire area was dominated by upland vegetation, including smooth brome, alfalfa, and other grasses. There was no area that was deprived of substantially all terrestrial vegetation. The entire area could be used for agricultural purposes, such as grazing cattle.</p> <p>Based on my observations, I conclude that there is no Ordinary High Water Line within the drainage within 500 feet of the approved, unbuilt Irwin-Taylor oil and gas location and therefore the design of the pad complies with COGCC Rule 1202.c.(1)R, effective January 15, 2021.</p>	08/11/2021

Total: 3 comment(s)

### **Attachment List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
402774690	SUNDRY NOTICE APPROVED-OTHER-DOC
402774695	OTHER
402777387	FORM 4 SUBMITTED
Total Attach: 3 Files	