

# DUST MITIGATION PLAN

GMT Exploration Company LLC

**Irwin-Taylor Pad**

Sec. 23 T6S R65W (SESE)

Elbert County, Colorado

Surface: Fee

## **GMT Exploration Company LLC Elbert County, Colorado**

### **Dust Mitigation Plan**

#### **Project Summary:**

GMT Exploration Company LLC's (GMT's) approved Irwin-Taylor Pad is located in Township 6 South, Range 65 West, Section 23 in Elbert County, Colorado. The approved location is fee surface with a total pad disturbance of 15 acres. Production facilities will be placed on location. The Irwin-Taylor Pad area will be 8.4 acres after interim reclamation. The graded site elevation is expected to be approximately 6,229 feet.

#### **Project Overview:**

GMT's Dust Mitigation Plan is intended to facilitate compliance with the applicable regulations of the Colorado Oil and Gas Conservation Commission, the Colorado Department of Public Health and Environment and Elbert County.

GMT's development of the Irwin-Taylor Pad ("Location") requires earth disturbing activities and travel on unpaved roads which has the potential to produce fugitive dust emissions.

Dust associated with the Location activities and traffic on roads will be minimized throughout all phases such that there are minimal visible dust emissions from the Location or associated roads to the maximum extent practicable given wind and other weather conditions.

Sand, silica, or other materials used during the completion phase will be stored in covered containers. GMT will utilize Sandbox if available.

Any chemical application will have Safety Data Sheets on location.

#### **Compliance with Rule 427.a.**

1. Wellpad soil types:
  - 6 – Bresser sandy loam, 5 to 9 percent slopes
  - 9 – Bresser-Truckton sandy loams, 8 to 25 percent slopes
- Access Road soil types:
  - 6 – Bresser sandy loam, 5 to 9 percent slopes
  - 9 – Bresser-Truckton sandy loams, 8 to 25 percent slopes
2. Proposed vehicle speed limit: 25 MPH or less on roads; 5 MPH or less on the Location.
3. Total disturbed area: 15 acres for the wellpad and production facilities. The access road disturbance is approximately 0.96 acres. Total disturbance is approximately 15.96 acres.
4. Please see enclosed Haul Route Map.

5. Number of truck trips during the Construction, Drilling, Completion and Production stages:

Development State	Time Frame	Traffic Per Stage - Daily
Surface Construction	38 Days	44
Drilling per well	10 Days	50
Completion per well	10 Days	112
Flowback per well	10 - 14 Days	52
Production	20 Years	±1




6. Plan for Suppressing Fugitive Dust Caused by Wind:

- If wind conditions are such that work cannot be completed without creating fugitive dust, action will be immediately taken to apply water to all dust-creating surfaces.
- Regular road maintenance will be implemented to mitigate fugitive dust.
- Avoid unnecessary, dust-generating work on high wind days.
- Utilize gravel in high wind areas on specific portions of roads and wellpads.

7. Best Management Practices:

- GMT will gravel all working surfaces and perform interim reclamation within six months of well drilling and completion.
- Utilize existing vegetation, trees slash or brush piles to cover disturbed areas not used for vehicle traffic.
- Application of fresh water to disturbed areas during construction.
- Applications of approved chemicals may be applied to areas not needed for traffic to form a less erodible soil.
- Operations will be confined to the wellpad working surface.
- Continuous monitoring of disturbed areas to evaluate additional BMPs needed.
- Fresh water or magnesium chloride application to graveled surfaced of the Location and associated roads.
- Speed limit signs will be posted per surface owner agreement.
- Contractors will be notified of speed limits if no signs are posted.
- Regular road maintenance such as grading and adding additional gravel as needed.

**Exhibit 1**  
**Master Road Use Agreement, Addendum 2 – Haul Route(s) for GMT Operations**  
**Elbert County, Colorado**

Legend	
Unrestricted Haul Route, 30.65 total miles, 19.98 miles pavement, 10.66 miles gravel	
Restricted Haul Route (Restricted to <80,000 lbs GVW) 5.91 miles of pavement	
Private Roads	
Well Sites	