

# DUST MITIGATION PLAN

**GMT** EXPLORATION COMPANY LLC

**Invicta 3-65 28 Pad**

Sec. 28 T3S R65W N/2

Adams County, Colorado

Surface: Fee

Submitted as an accompaniment to the Form 2A Application  
and consistent with the requirements of Rule 427.a.

August 31, 2023

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

## **Dust Mitigation Plan**

### **Project Summary:**

GMT Exploration Company LLC's (GMT's) proposed Invicta 3-65 28 Pad "Location" is located in Township 3 South, Range 65 West of Section 28 in Adams County, Colorado. The proposed location is on fee surface with a total Location disturbance of 19.075 acres which includes the active working pad surface area of 8.585 acres. During interim reclamation and the production phase 8.774 acres will be reclaimed leaving a disturbed production area of 10.301 acres.

### **Plan**

#### **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 Invicta 3-65 28 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 and Access Road soil types:
  - Adena-Colby Association, Gently Sloping
  - Platner Loam, 3 to 5 percent slopes
  - Adena-Colby Association, Moderately Sloping
  - Adena Loam, 0 to 3 percent slopes
2. Proposed vehicle speed limit: 25 MPH or less on roads; 5 MPH or less on the Location.

3. Total disturbed area: 25.523 acres
  - Wellpad: 19.075 acres
  - Access Road: 3.202 acres
  - Pipeline Corridor Disturbance: 3.246 acres

4. Please see enclosed Haul Route Map.

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

<b>Development State</b>	<b>Time Frame</b>	<b>Traffic Per Stage - Daily</b>
Surface Construction	45 Days	44
Drilling per well	30 Days	50
Completion per well	40 Days	112
Flowback per well	14 - 21 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 work on dust generating on high wind days.
- Natural or artificial windbreaks may be utilized as appropriate.
- 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 during dry season.
- Operations will be confined to the wellpad working surface.
- Continuous monitoring of disturbed areas to evaluate additional BMPs needed.
- Fresh water application to disturbed areas during construction.
- 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.

R  
65  
W

E 48TH AVE

AURORA

T3S R65W

2,000' OFFSET  
FROM PROPOSED  
ACCESS ROAD

20

21

22

E. 38TH AVE.

PROPOSED ACCESS ROAD 2476' +/-

MONAGHAN ROAD

29

28

27

PROPOSED LOCATION:  
INVICTA 3-65 28 PAD

E 26TH AVE

32

33

34

NOTES:

- THERE ARE NO RESIDENTIAL BUILDING UNITS WITHIN 2,000 FEET OF THE PROPOSED ACCESS ROAD.
- EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 3S6636NE003 BEING A 3" DIAMETER BRASS CAP STAMPED "COA BM, 19-020B, E-090A" LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 26TH AVENUE BRIDGE CROSSING OVER E-470. AKA 19-020B.
- EXISTING SITE GRADED SURFACE WAS PROVIDED BY DAVID CENTER WITH AECOM, EMAILED ON MAY 17, 2023. SHOWN SURVEY BENCHMARK IS ASSUMED.



T3S

REV: 01 07-17-23 K.C.. (REMOVE RBU)

LEGEND:

- WORKING PAD SURFACE
- EXISTING ROAD
- PROPOSED ACCESS ROAD
- PROPOSED WILDLIFE FENCE
- RESIDENTIAL BUILDING UNIT
- 1 INSTALL GATE & CATTLE GUARD
- 2 INSTALL 24"X 56" CULVERT
- 3 INSTALL 24"X 54" CULVERT



GMT EXPLORATION COMPANY, LLC

INVICTA 3-65 28 PAD  
N 1/2, SECTION 28, T3S, R65W, 6th P.M.  
ADAMS COUNTY, COLORADO

SURVEYED BY	DALLAS NIELSEN	01-26-23	SCALE
DRAWN BY	K.C.	06-29-23	1 : 24,000

ACCESS ROAD MAP

UELS, LLC

Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

