



LETTER OF INTRODUCTION

Invicta 3-65-28 Phase I Submittal
DA- 2371-00

Project Summary and Purpose

GMT Exploration Company LLC's (GMT's) submits this application for an Oil and Gas location and Oil and Gas Permit (OGP) with the City of Aurora through the Oil and Gas Manual. The proposed oil and gas location, Invicta 3-65 28 Pad, "Location" is located in Township 3 South, Range 65 West of Section 28: N/2 in Adams County, Colorado. The proposed location is on fee surface (parcel 0181928100003) with a required total Location disturbance of 19.075 acres which includes the active working pad surface area of 8.585 acres. A new access road is required for this oil and gas location.

During interim reclamation and the production phase 8.774 acres will be reclaimed leaving a disturbed production area of 10.301 acres. The access road and Right-of-Way disturbance will be approximately 3.202 acres.

The neighborhood meeting will be scheduled and held during the City's Phase I. GMT will notify the city once a date has been selected. GMT will be seeking a variance for Noise Management Plan.

Sequence of Major Activities and Estimated Completion Date

Preliminary Operational Schedule:

Location Name	Construction Phase	Drilling Phase	Completions Phase	Production Phase	Interim Reclamation	Final Reclamation
Invicta Pad	Q2-2024	Q3-2024	Q4-2024	Q1-2025	Q2-2025	Q1-2044

Access Road and Wellpad Construction:

Phase I - Pre-Drilling (45 days)

Includes both location and production pad construction.

Location construction is generally comprised of mobilizing/demobilizing various combinations of backhoes, dozers and/or graders to create a relatively flat surface that can accommodate equipment to drill, complete and produce wells. Just prior to grading, implements/designs to handle stormwater are installed on and around the location. Once stormwater measures are in place and the grade is set, the location is plated with road base to both stabilize and prevent erosion/dust. This phase of construction takes place prior to drilling start. Equipment will be delivered to the location via truck. A Haul Route Map has been included.

The needed area for construction will be cleared and the topsoil will be stripped. The topsoil and spoil piles are clearly labeled and separated to ensure preservation of the topsoil for final site reclamation.

A combination of wattles and a ditch will be implemented around the perimeter of the site in downsloping areas prior to earth disturbing activities taking place. The wattles will be the primary control measure installed until the pad is constructed and the associated ditch and basins can be completed.

Once the wellsite is constructed and in stable condition the wells will be drilled.

Phase II – Drilling and Completion Activities (Drilling: 65 days, Completion: 80 days)

Drilling operations will be 24 hours a day with crews working shifts. Includes mobilizing/demobilizing a drilling rig and all associated ancillary equipment to a location and then performing the operation of drilling/setting/cementing surface and production casing for a group of horizontal wellbores.

The portable toilets shall have hand washing facilities which will be readily accessible to employees and contractors and will ensure that employees and contractors wash their hands immediately or as soon as feasible after removal of gloves or other personal protective equipment pursuant to OSHA requirements under Occupational Exposure to Bloodborne Pathogens, 29 CFR 1910.1030, requires in sections (d)(2)(iii) and (v).

GMT will use a “closed loop system” during drilling. No pits will be on location. Drilling mud will be disposed of offsite, in a manner approved by the Colorado Energy and Carbon Management Commission (ECMC).

Water for Drilling and Completions will be sourced from the Lowry Ranch Pond located in Section 8, T5S, R64W and the Sky Ranch Pond in Section 10, T4S, R65W. As indicated in the Water Plan (attached to Permit), the water will be delivered by lay flat lines. A map has been included in the Water Plan.

After the drilling rig is moved out well completion activities will commence. Completion activities will take approximately the same time as the drilling of the well. Hydraulic fracturing materials consisting mainly of water and sand (99.5%) will be mixed onsite and pumped down the wells at high pressure to fracture the rock allowing the well to “flow”. Any additional operations including well stimulation will be done at this point.

Phase III – Production

The production facility construction is generally comprised of setting and connecting all equipment that will be process production from the wells. This phase of construction typically takes place in parallel with the drilling and completions phase of development.

Once the well is drilled and completed it will be put online. Phase III can last upwards of 40 years. There will be minimal vehicle traffic; one to two light trucks per day may travel the road to check wells and perform any necessary maintenance. Periodic downhole maintenance and repair will be done on an as needed basis. Please refer to the included Traffic Impact Analysis prepared by LSC Transportation Consultants, Inc. The included Traffic Impact Analysis contains the following: the existing roadway and traffic conditions in the vicinity of the site including the lane geometries, traffic controls, etc.; the existing weekday peak-hour traffic volumes; the existing daily traffic volumes in the area; the typical weekday site-generated traffic volume projections for the site; the assignment of the projected traffic volumes to the area roadways for the highest trip generating phases; the projected total traffic volumes on the area

roadways; the site's projected traffic impacts; and any recommended roadway improvements to mitigate the traffic impacts from the site. The estimated timing of each phase is the best information available today but is subject to change over time.

Phase IV – Plugging and Restoration

At the end of a well's life, ±20-40 years, and when production declines past the point of the well being economic, the well will be plugged. After all wells on the wellpad have been properly plugged, the wellpad will be restored to the pre-construction conditions. Backfilling, leveling and recontouring is performed as soon as possible, weather permitting, to return the wellpad back to its original state. The access road, along with other associated, unneeded facilities, will also be returned to their original states in accordance with all federal, state and local laws and per all surface use agreements with the private surface owners.