

# PROJECT PROFILE

## KEOTA CRYOGENIC & LNG PROCESSING FACILITY



Client: **NOBLE ENERGY** | Location: **COLORADO**

Audubon provided [engineering](#), [procurement](#), and [construction management](#) (EPCM), [fabrication](#), and [commissioning and start-up](#) services for [Noble Energy's Keota](#) liquefied natural gas (LNG) project. This was the [first LNG plant in Colorado](#) and one of the largest gas processing facilities in the state.

The LNG project included associated plant utilities and infrastructure, including condensate stabilization, inlet compression, amine treating, cryogenic natural gas liquids (NGL) recovery, product storage, and propane refrigeration. The modular processing units were fabricated and tested in our Houston facility, then shipped to the site for installation. [Taurus solar power generation](#) units were also designed for 8 megawatts and installed as the primary power source with buy-back capabilities to the grid.

### Project Overview

- 45 MMSCFD greenfield gas processing facility
- Inlet gas processed to produce a truckable condensate, pipeline quality sales gas
- Y-grade NGL product and 100,000 GPD LNG liquefaction unit
- Facility included inlet slug catcher and condensate stabilization
- 10,000 HP electric drive motor inlet reciprocating compression
- 350 GPM inlet gas treating via amine
- Gas sub-cooled cryogenic processing unit
- 1500 HP propane refrigeration
- 4,000 HP electric drive motor reciprocating residue gas compression and associated plant utilities and infrastructure

### Scope Of Work

- Project management
- Procurement
- Detailed engineering & design
- Modular fabrication
- Automation
- Construction management & inspection
- Power generation
- Commissioning & start-up



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