

PROJECT PROFILE

OWL CENTRAL DELIVERY POINT (CDP)



Client: **XTO ENERGY** | Location: **COYANOSA, TX**

Audubon Companies was appointed as EPCM and fabrication contractor for XTO Energy's Owl CDP project, a gas processing facility located in Coyanosa, TX. The facility was designed and built in two phases. The first phase allowed for the processing of 50,000 bpd of oil and included two 25,000 bpd oil stabilization units, inlet surge vessels, three OVHD compressors, two 25MMBTU/hr hot oil systems, two 30,000 bpd floating roof tanks, booster pumps, pipeline pumps, and oil ACT units. Plant utilities included flare, drain, instrument air, control system, power generation, and associated infrastructure. Phase two of Owl CDP included the expansion of the facility to handle 150,000 bpd of oil. Audubon Companies also provided construction management and commissioning services to the XTO Energy project team as well as developed PSM compliant operating procedures for the facility.

Modular processing units were fabricated, shop-tested, and shipped to the site for installation by Audubon affiliate, Opero Energy.

Project Overview

- Inlet Separation and Inlet Coalescer
- Oil Stabilization 2 Units
- Oil Storage Tanks 3 x 30,000 Barrels
- Oil LACT and Pipeline Metering and Pipeline Pumps
- Condensate Stabilization x 1 Unit
- Overhead Compression Oil and Condensate 6 Units
- NGL Bullet Storage Tanks x 2
- NGL LACT Unit and Pipeline Pumps
- Pipeline Pig Launchers and Receivers
- Process Water Tanks 2
- Salt Water Tanks 2
- Plant Flare Facilities
- Utilities: Instrument Air, Start Air and Fuel Gas
- MCC
- Sales Gas Metering
- Automation/Electrical/Instrumentation

Scope of Work

- Project Management
- Detailed Engineering & Design
- Procurement Support
- Fabrication
- Construction Management & Inspection
 - Owner's Representative to Oversee General Contractor During Construction
 - Document Control for Engineered Drawings/Vendor Documentation/Schedule Control
 - Quality Management Commissioning
 - Start-Up Report

