

# PROJECT PROFILE

## BLACK BAY CENTRAL FACILITY



Client: **HELIS OIL & GAS COMPANY LLC**  
Location: **BLACK BAY, LOUISIANA**

Audubon's scope of work on the Black Bay offshore platform included the [front-end engineering design](#) (FEED) and detailed design of three 6-pile and one 4-pile, steel-jacketed facilities. The project involved facility design and the structural design of the decks and jackets including process, electrical, instrumentation, mechanical, and piping designs. Additional services included [project management](#), installation supervision, [construction management](#), and [commissioning and start-up](#) support of the facilities.

### Project Overview

- Fixed platforms
- Produced water injection 32-man quarters
- Approximately water depth: 8 ft.
- Design capabilities:
  - 6,000 BOPD,
  - 50 MMSCFD
  - 80,000 BWPD
- Designed to GOM standards

### Scope of Work

- Compression
- Gas dehydration, gas lift system, & gas sales
- De-sanding & de-oiling hydrocyclones
- Separation, oil treating, & dehydration
- Lease automatic custody transfer (LACT)
- Construction management

