

Akono and Erong North Development Project

Pecten Cameroon Company



In April 1998, Willbros was awarded a contract by the Pecten Cameroon Company for installation of surface facilities and associated pipelines to develop both the Akono and Erong North Fields, offshore Cameroon. Facilities consisted of two, three-leg, four-slot jackets and decks and an 8- and 10-inch pipeline to connect newly installed platforms to Pecten's existing production infrastructure.

The Akono surface facilities were installed in 22 m (73 feet) of water. Both the Akono and Erong North jackets were a prototype design for West Africa as the structure did not utilize a mud mat and was initially supported by a central caisson until piling was completed. Structural elements of the Akono jacket and deck included installation of the following: 48-inch caisson, three 36-inch piles, three 24-inch conductors, boat landing, riser clamps and riser, as well as the 152-ton deck. Willbros also installed and commissioned 3.4 km (2.1 miles) of 10-inch submarine pipeline from the Akono platform to an adjacent production platform. Pipeline installation also included a debris survey of the pipeline route, hydrostatic testing, and an as-built survey.

The Erong North surface facilities were installed in 14 m (46 feet) of water. Structural elements of the Akono jacket and deck included installation of the following: 48-inch caisson, three 36-inch piles, three 24-inch conductors, boat landing, riser clamps and riser, as well as the 152-ton deck. In addition to structural components of the field development, Willbros also installed 4.5 km (2.9 miles) of 8-inch submarine pipeline. Pipeline installation also included a debris survey of the pipeline route, hydrostatic testing, and an as-built survey.

Prior to mobilization, Willbros was responsible for submission and approval of construction engineering, design of installation aids, design and fabrication of riser clamps, as well as development of installation procedures for the prototype jackets.

Project duration was approximately seven weeks and was completed in September 1998.

*Project Award
April 1998*

*Project Completion
September 1998*

Cameroon

