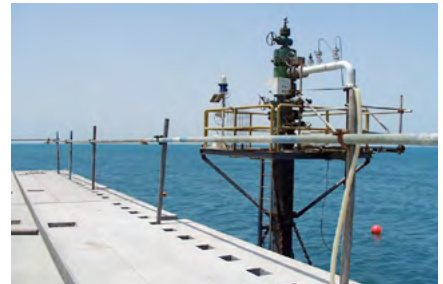


MARINE WORKS

Construction of Jetty for ADNOC on Mubarraz Island

ENERGY - OIL & GAS • JETTIES • PERMANENTLY CASED ROTARY PILES • ROCK REVETMENTS



Client

Abu Dhabi Oil Co. Ltd. (Japan) - ADOC

Consultant

Tebodin Middle East

Main Contractor

Arabtec - NSCC JV

Location

Abu Dhabi, UAE

Start Date

16 May 2002

Completion Date

October 2003 (Part I)

January 2004 (Part II)

Project Details

Demolition of existing jetty and construction of an offshore oilfield jetty founded on marine steel circular piles (140 ton capacity) consisting of a concrete abutment, approach trestle (100m long), jetty head and associated civil, mechanical & electrical works.

Design and construction of 67 nos. x 610 mm diameter offshore steel tubular piles, to carry the mooring, berthing and vehicular loads on the abutment, approach trestle and jetty head.

Construction of :

- approach trestle, 120 m out to sea and 7.0m wide;
- jetty head, 60mx15m size at the end of the approach trestle;
- reinforced concrete abutment works with pile caps, etc;
- approach apron with reinforced concrete retaining walls;
- approach road and associated works on the embankment for access; extension of existing structural steel shed and foundation for the pump house;
- rock revetment for coastal protection;
- electro mechanical works;
- architectural works;
- miscellaneous works such as granular backfill and compaction, cable laying works, cable draw pits, blinding, concrete works etc.