

SAUDI ARAMCO ABU SAFAH FIELD DEVELOPMENT

CLIENT | SUBTECH GROUP

VESSEL | BOURBON ENTERPRISE

EQUIPMENT PROVIDED

- 450Te Reel Drive System
- 60Te 3-Track Tensioner c/w project specific pads

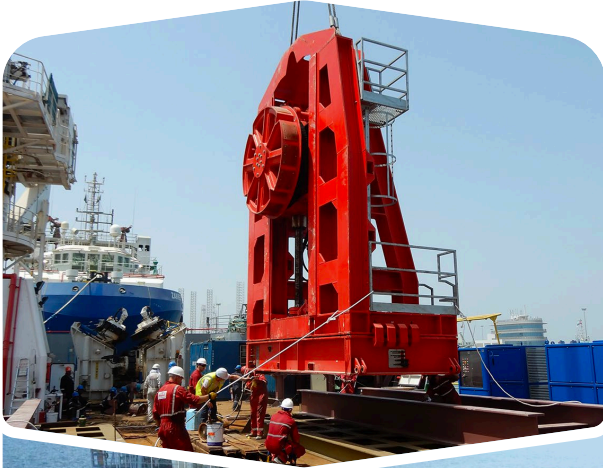
PRODUCT DETAILS

- 12" FLOWLINES – 385MM OD, 155 KG/M
- 6" STATIC POWER UMBILICALS – 162MM OD, 50 KG/M

PROJECT OVERVIEW

The Saudi Aramco Abu Safah Oilfield is situated on the maritime border between Saudi Arabia and Bahrain, in the Persian Gulf.

Swan Hunter were contracted to provide Equipment, Equipment Operators, Mobilisation Support, and Logistics Support to Subtech Group for the installation of flexible flowlines and umbilicals in the field development of Abu Safah field.



SWAN HUNTER'S SCOPE OF WORK

- Provision of 450Te Reel Drive System
- Provision of 60Te 3-Track Tensioner, and design and procurement of project specific pads
- Co-ordination of equipment transport to Dubai Maritime Centre
- Onsite assembly of Reel Drive System
- Equipment loadout mobilisation support
- RDS equipment commissioning
- Tensioner equipment commissioning including load cell calibration
- Supply of Equipment Operators and Project Engineering support

PROJECT SPECIFIC SOLUTIONS

Swan Hunter utilised several engineering solutions to enable an efficient equipment mobilisation period, and increased operability infield including:

- Containerised shipping of RDS, and modular assembly sequence allowed for efficient assembly of both RDS towers
- Bi-Directional tower skid clamps and HPU connection points allowed RDS towers to be moved in both directions on limited track length, governed by limited vessel deck space.
- Multiple sets of product specific tensioner pads designed, manufactured, shipped, and fitted on time to tight schedule.
- Interchangeable tensioner squeeze cylinders provided the option of high and low squeeze pressures, as dictated by varying product crush loads.

www.swanhunter.com

+44 (0) 191 295 0295

info@swanhunter.com