



# Resource & Equipment Catalog

**WE ARE WFR OILFIELD SERVICES**

Welcome at WFR Oilfield Services! WFR is full range service provider to the oil & gas and petrochemical industries. With an experienced, multi skilled team and large equipment fleet, we can take care of any requirement clients might have.

With our independent project approach towards our clients we are able to make the best choices for your project based on the regulatory framework, performance requirements, commercial conditions and client preferences.

We are organized and dedicated to support you all the way from conceptual design to delivery. WFR is your long term partner to operate at minimum operational expenses during the lifetime of your assets.

You can count on our team to be available, responsive and ready to support you!

*Jong ter Beek*

GENERAL MANAGER



## **OUR RESOURCES**

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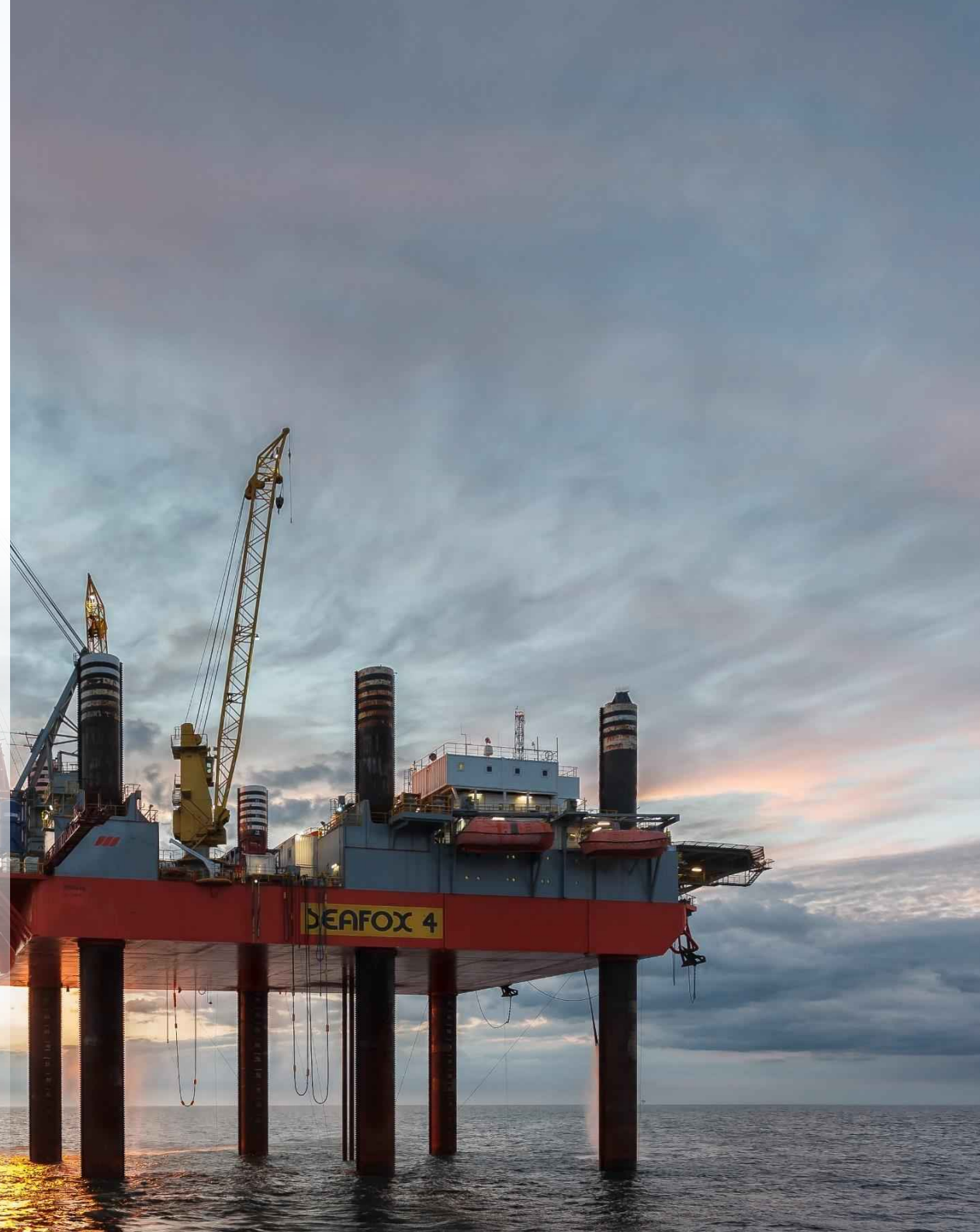
### **AUXILIARY EQUIPMENT**

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### **PERSONNEL**

WFR provides the technical expertise to properly handle all the phases of the project, ensuring that all projects are expertly cared for. WFR can support clients with a wide variety of personnel:

- Well Test Supervisor
- Well Test Senior Operator
- Well Test Operator
- DAQ Engineer
- Steam boiler operator
- E&I Engineer
- Mechanic / Rigger
- Pump operator
- Project Coordinator / preparator
- Engineer (process and calculations)



## MAIN EQUIPMENT

WFR owns a large fleet of well test equipment. All our equipment is stored at our premises in Schoonebeek, the Netherlands. An ideal operating base to serve our customers in particular continental Europe.

Obviously our state-of-the-art equipment is maintained and inspected conform the highest applicable standards

Our equipment fleet includes:

## WELL TEST TRAILER

- Reporting trailer c/w data logging unit, office, toolshack with spares.

## SOLIDS EXCLUSION EQUIPMENT

- Wellhead Sand Catcher. 8000psi / 550bar WP. Standard Service. Automatic fluid level control with digital read out/control
- Wellhead Sand Catcher. 8700psi / 600bar WP. Standard Service. Automatic fluid level control with digital read out/control
- Debris catcher. 3" 10K psi WP. Sour service 50ltr capacity
- Solids Accumulation Vessel. Enclosed. C/w scales and waste barrel
- Twinfilter SS Fluid Filtration Unit 150 psi WP. Sour service

## CHOKE MANIFOLD

- 3 1/16" 10K psi WP Double block Sour Service



## SURGE TANKS

- 220 BBL / 35M3 Elliptical, Horizontal, Dual Compartment. 100 Psi. H2S c/w digital Ex screen for level/interface display. Radar level detection and dual 6" relief capacity. On board coriolis fluid discharge metering. Automatic level and pressure control valves
- 220 BBL / 35M3 Elliptical, Horizontal, Dual Compartment. 100 Psi H2S. c/w magnetic level indicators, 6" relief valve and automatic pressure control valve

## HEATERS / BOILERS

- Direct Heat Exchanger multibank 3" 4 MM Btu/hr 10K psi Sour Service
- Steam Generator 4.5 Mmbtu. Containerised c/w steam hoses package

## KO VESSEL / 2PHASE SEPARATOR

- Vertical 1300psi WP. Automatic level control c/w radar level detection. EX screen for visual level and safety device control.

## EMERGENCY SHUT DOWN VALVES

- 4.1/16" 10K WP ESD valve
- 7.1/16" 5K WP ESD valve
- Hydraulic/ Electric Control panel c/w solenoid



## TANKS ATMOSPHERIC

- 30 M3 kill tank c/w full range wide see through interface sightglass

## COFLEXIP HOSE

- 3" ID 10K psi WP Sour Service, 1502 MxF Unions 15 mtr
- 4" ID 10K psi WP Sour Services, 4 1/16" 10K 18 mtr
- 6" ID 5K psi WP Sour Services, GR52 Hub 14mtr
- Coflexip baskets

## FLOW METERS

- Ventury meter run. 6" 92 bar c/w BPV skid mounted
- Coriolis meter 4" CMF400. 1.4K psi WP Skid mounted
- Coriolis meter 3" CMF300. 1.4K psi WP Skid mounted
- Coriolis meter 2" CMF200. 1.4K psi WP
- Coriolis meter 1" CMF100. 1.4K psi WP
- 2" Turbine meter c/w digital read out
- 3" Turbine meter c/w digital read out

## FLARE / VENT STACK

- Stink flare. 4bar 8 mtr height. Max flowrate 50KnM3/d c/w KO vessel and portable remote ignition

## IGNITION CONTAINER

- C/W dual ignition control unit + 50mtr cables on fixed reels, pilot flare temperature monitoring



## TEMPORARY PIPE WORK, VALVES & CHOKES AND HOSES

We offer a variety of temporary pipework, ranging from sizes 2" to 6" consisting of straight joints, elbows, t-pieces, (flanged) cross overs, blind caps, plug valves, check valves, gate valves and chokes.

### Available connections for temporary pipework:

- 2" fig 1502 hammer union
- 3" fig 1502 hammer union
- 4" fig 602 hammer union
- 6" fig 206 hammer union
- 6" GR-52 hub 10000 psi / 690 bar.

All pipework is manufactured as per following standards and directive:

- ASME B31.3
- ISO 15156-1 , -2 (sour service)
- PED 2014/68/EU

### Chokes and Valves:

- Wide variety of types and sizes (range 1" till 7-1/16")
- Flanges and hammer unions
- Sour service

### Hoses:

- Wide variety of types and sizes
- Hammer unions
- Sour service coflexip

**FOR MORE INFORMATION KINDLY REFER TO OUR DETAILED PIPING, HOSES, X-OVER, VALVES & CHOKES CATALOGUE.**



### AUXILIARY EQUIPMENT

WFR is your single source contractor. We have a large fleet of auxiliary equipment.

### POWER & LIGHT EQUIPMENT

- Diesel-electric generator 150KVA (63dB)
- Junction box with connections
- Electric cable + electrical x-over in container
- Diesel tank (2400 ltr)
- Mobile light tower 4KW-9 mtr

### AIR SUPPLY

- Mobile compressor trailer 3m3
- Mobile compressor skid 3m3

### TORQUE EQUIPMENT

- Hydraulic Torque Wrench

### DRESSING UNITS

- Canteen / office and dressing Unit 20ft
- Canteen / office and dressing Unit 40ft

### TRANSPORT BASKET

- Onshore transport basket 10ft
- Onshore transport basket 20ft
- Offshore transport basket 10ft
- Offshore transport basket 20ft





# WFR OILFIELD SERVICES



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