

SUBSEA SOLUTIONS



WELLWORX
ENERGY WITH INTEGRITY





GE Oil & Gas, Vector Gray Ltd Production Tree Assembly

Serial Numbers:
M247920-1
API 6A, PSL 3G; 20th/E, API 17D: 1st E.
ISO 15156: Materials for use in H2S
containing environments in oil and gas
production

Location: UK
Manufactured Year: 2020
New / 1 Unit

FEATURES & SPECIFICATIONS

- Configuration: Horizontal, with an 18-3/4" wellhead connector and H4 re-entry profile
- Design Standards: Likely compliant with API 6A and API 17D, with material class HH (suitable for harsh environments) and temperature class P-U (-20°F to 250°F).
- Control System: Possibly hydraulic, potentially with components like Cameron-Willis chokes or Proserv module mounting bases, as seen in similar equipment



One Subsea Multiphase Booster Pump Package

OneSubsea (Schlumberger)
Type: Helico-Axial Multiphase Booster
Pump
Model: MPP (Multiphase Pump, with
variants like MPP Plus for higher boost)
S/N: 121148121001

Location: UK
Manufactured Year: 2018
New

- Power: 1000 kW (1.34 MW)
- Speed: 4042 rpm (variable up to 6,000 rpm in similar models)
- Voltage: 5.2 kV
- Phase/Frequency: 3-phase, 68 Hz
- Torque: 2046 Nm
- Insulation: 11 kV
- Boost Pressure: Up to 35 bar (500 psi) differential, depending on fluid mix (gas volume fraction up to 95%)
- Flow Rate: Up to 60,000 barrels per day (bpd) for liquids, gas handling up to 10 MMscfd
- Water Depth Rating: Up to 3,000 m (9,843 ft) in standard configurations
- Working Pressure: Up to 200 bar (2,900 psi) system pressure
- Temperature Range: -10°C to 150°C (14°F to 302°F)
- Material Class: Corrosion-resistant alloys (e.g., Duplex stainless steel, Inconel) for H2S and CO2 service
- Standards: API 17V, ISO 13628-6, compliant with subsea safety and reliability norms
- Dimensions/Weight: Estimated 5–7 m length, 3–4 m diameter, 20–30 metric tons (skid-mounted)
- Condition: Unused (backup module from canceled project), preserved with full documentation.



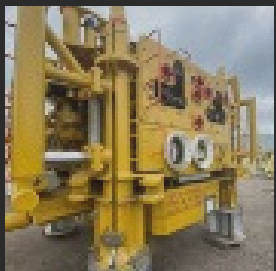
OneSubsea Vertical Injection Trees Oil Recovery Advanced Hydraulic Control

OneSubsea
Model: VXT Assembly
Part Number: 20966776-13

Location: UK
Manufactured Year: 2015
Unused

- XT Assembly
- Part Number: 20966776-13
- Bore Sizes: 5 in Injection x 2 in Annulus
- Max Working Pressure: 10,000 psi
- Standards: API 6A & 17D, PSL 3
- Material Class: HH & EE
- Temperature Range: 0°F to 250°F
- Re-Entry Profile: 13-5/8 in Hub (up), 18-3/4 in H4 Wellhead Connector (bottom)
- Choke: Cameron-Willis CC40SR

- Dual Bore Xmas Tree
- Working Pressure: 7500 psi
- Re-Entry Profile: 13-5/8" (up)



Horizontal Production Trees OneSubsea

To HXT Assembly
Part Number: 23405550-07
Serial Number: 112993592
Bore Sizes: 5 in Production x 2 in Annulus
Max Working Pressure: 5,000 psi
Standards: API 6A 20th/E & API 17D, 2nd/E.

Location: UK
Manufactured Year: 2014
New

- 0degF to 250degF, -20degF to 250degF downstream of Production choke, 0degF to 140degF annulus side, upstream of annulus choke
- Material Class: HH & EE
- Temperature Range: 0°F to 250°F
- Re-Entry Profile: 18-3/4 in H4 (up), 18-3/4 in DWH Wellhead Connector (bottom)
- Fluid Rating: H2S Service
- Chokes: Cameron-Willis CC40SR and CC20SR
- Condition: Unused, Manufactured: 2014



AKER Subsea Production Tree System Assembly

Models: S5" x 2" Drill Through Horizontal Tree
P/N 2206130-15

Location: UK
Manufactured Year: 2013
New / 2 Units

FEATURES & SPECIFICATIONS

- Serial Numbers: 110778616-01 & 110982674-01
- Valves: FLS Gate Valves with CM Actuators
- Water Depth Rating: 1000 m
- Working Pressure: 5000 psi
- Standards: API 16A, API 17D, PSL3
- Material Class: HH-NL (Production Bore), DD-NL (Annulus Bore)
- Temperature Class: P-U
- Control Fluid: HW540
- Additional: Aker SCMMB Installed, Rated for H2S Service
- Material Class: HH-NL (Production Bore), DD-NL (Annulus Bore)
- Temperature Class: P-U
- Control Fluid: HW540
- Additional: Aker SCMMB Installed, Rated for H2S Service



Production Flowbase Assemblies Subsea Production Systems

P/N 2206129-06,
Serial Nos. 500019293 & 110967512-01

Location: UK
Manufactured Year 2009
New / 2 Units

- Feature 5-1/8" production loop, 2-1/16" and gas lift loops.
- Rated for 1000 m and 5000 psi.
- Water Depth Rating: 1000m
- WP 5000psi, API 16A, API 17D, PSL3
- Material Class: HH Production Bore, EE Gas Lift Bore
- Rated H2S Service
- Temperature Class: P-U
- These H2S-resistant units are vital for supporting subsea production trees

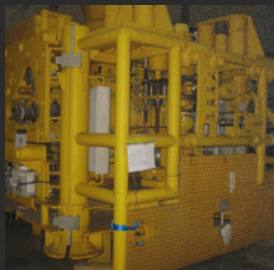


OneSubsea - Smartwell Water Injection Spool Tree Assemblies Enhanced Oil Recovery Solutions

OneSubsea's 5" x 2" Water Injection Spool Trees
P/N 2206130-12,
Serial No. 110399649-01

Location: UK
Manufactured Year 2009
New / 2 Units

- FLS Gate Valves c/w CM Actuators
- Water Depth Rating: 1000m
- WP 5000psi, API 16A, API 17D, PSL3
- Material Class: HH-NL Production Bore, DD-NL Annulus Bore
- Rated H2S Service
- Temperature Class: P-U
- Control Fluid: HW540
- AKER SCMMB Installed



OneSubsea Smartwell - Production Spool Tree

Production Spool Tree Assemblies
P/N: 2206130 - 15
Serial No. 110778616-01 & 110982674-01

Location: UK
Manufactured Year: 2009
New / 2 Units

- 5"x2", Drill Through Horizontal Tree. Gas Lift Dual Choke c/w Downhole Smartwell Control
- FLS Gate Valves
- Water Depth Rating: 1000m
- WP 5000 psi, API 16A, API 17D, PSL3
- Material Class: HH-NL, Production Bore, DD-NL, Annulus Bore. Rates H2S Service
- Temperature Class: P-U
- Control Fluid: HW540
- AKER SCMMB Installed



FEATURES & SPECIFICATIONS



Horizontal Production Trees OneSubsea

To HXT Assembly
Part Number: 23405550-07
Serial Number: 112993592
Bore Sizes: 5 in Production x 2 in Annulus
Max Working Pressure: 10,000 psi
Standards: API 6A & 17D, PSL 3G

Location: UK
Manufactured Year: 2014
New

- Material Class: HH & EE
- Temperature Range: 0°F to 250°F
- Re-Entry Profile: 18-3/4 in H4 (up), 18-3/4 in DWH Wellhead Connector (bottom)
- Chokes: Cameron-Willis CC40SR and CC20SR
- Condition: Unused, Manufactured: 2014



FMC Technip XMT Assemblies Subsea Production and Testing Systems

Type: Advanced Production System designed for efficient hydrocarbon extraction featuring a comprehensive set of components, including ESP EHXT assemblies, transportation assemblies, and ROV Systems for deep water operations.

Location: UK
New

- Product ESP EHXT Assembly
- FFS Transportation Assembly
- Over trawlable Canopy c/w Sling Set
- Funnel Extension c/w Sling Set
- 18 3/4 VX Gasket
- Full Control Module
- Tubing Hanger Subsystem
- Full Test and ROV Systems

- Fully assembled with integrated components, including canopies, gaskets, and ROV systems.
- Ready for subsea deployment.
- Compatible with subsea wellheads and production infrastructure



Vetco Grey Production Tree Subsea Production Tree

A110575-193
M967250/ MM50020429

Location: UK
Manufactured Year: 2009
Unused
2 Units

- 5" x 2" (5-inch production bore, 2-inch annulus),
- Maximum Working Pressure (MWP): 15000 PSI (5K PSI).
- Wellhead Connector: 13-5/8" down, CH-4 collect.
- The temperature rating of the tree API6A classification
- (P-U)-29C to +121C.
- Chokes: IVetco choke, SCM and SCM mounting base 3 way electrical bulkhead
- API 6A, Specification for wellhead and Xmas tree Equipment. 17D, 1st Edition. Edition (PSL3)



FEATURES & SPECIFICATIONS

Termomeccanica Crude Oil Export Pump

Motor Manufacturer: ABB

Application: Offshore Oil Export, Greater Stella Field, North Sea (FPF1 Platform)

Service: Export Oil Transfer and Booster Operations



- High-performance centrifugal pump skid engineered for critical offshore oil export service. Designed and manufactured by Termomeccanica Pump for Petrofac's Greater Stella FPF1 platform, the system integrates a BB5-type main pump with an OH2-type booster, coupled to ABB 1.5 MW inverter-driven motors.
- The complete unit is mounted on a reinforced three-point baseplate and preassembled with all piping, valves, and auxiliary instrumentation.

Pump Type:

- Main: BB5 (MESB 150.11); Booster: OH2 (100AP50)
- Motor: ABB Electric Motor.
- Rated Power: 1.5 MW; Variable Speed via Inverter (2720–3564 RPM)
- Performance: Flow: 170 m³/h; Head: 1350–2584 m
- Seal Type: Double-pressurized mechanical seals (API Plan 53/B)
- Design Considerations: Blast load-resistant; Compact baseplate for limited deck space; FEM-verified skid design; Compliant with CE, ATEX, Lloyd's Register, Bureau Veritas, and TUV PED standards
- Tested At: Termomeccanica Pompe La Spezia facility under full load s

Configuration Fully assembled skid with:

- Instrumentation (pressure, flow, temperature)
- Integrated lube oil system and storage

- Project Background
- Platform: FPF1 (Floating Production Facility)
- Location: Central North Sea
- End User: Ithaca Energy, Dyas, Petrofac JV
- Year of Manufacture: 2014
- Condition: Never used/stored under controlled conditions
- Quantity Available: 1 complete skid assembly