

COILED TUBING SERVICES EQUIPMENT

KTLG-450 COILED TUBING UNIT

Year of Construction..... 2018
 Dimensions..... L : 16 m; W : 2,6 m; H : 4,4 m
 Weight/Type..... 45 Tons / Trailer Mounted (No Tubing)
 Quantity..... 1 ea

Power Pack

Power System..... CAT C13 (520 hp & 2100RPM)
 Gear Box..... STIEBEL Series, Germany
 Max. Output Power - Torque..... 360kW - 1750 N*m
 Max. Input RPM - Power..... 2800 RPM - 700kW

Injector Head

Model..... SERVA 100K, Original from USA
 Pulling Capacity..... 100,000 lbs (45 Ton)
 Snubbing Capacity..... 50,000 lbs (22,5 Ton)
 Max. and Min. Speed..... 170 ft/min and 3 ft/min
 Adaptable Tubing Sizes..... 1.25" - 2 7/8"
 Load Cell..... Electronic and Hydraulic Load Cell
 Gooseneck..... 100" (254 cm) , 2" Roller

Stripper

Model..... VANOIL Forum Technologies, Canada
 Working Pressure..... 15,000 psi with H₂S Service
 Tubing Sizes..... 1" - 2 7/8"
 Operating Temperature..... -20 F to +250 F

BOP

Model..... VANOIL Forum Technologies, Canada
 Type..... 4 1/16" Quad BOP
 Working Pressure..... 15,000 psi with H₂S Service
 Operating Vertical Bore..... 4 1/16" dia.
 Operating Temperature..... -20 F to +250 F
 Suitable Tubing Size..... 2"

Reel System

Reel Sizes..... 152" - 76" - 80"
 Applicable Tubing Sizes..... 1 1/4" - 2 3/8"
 Suitable Tubing Capacity..... 2" - 6300m
 Rotating Swivel Joint..... VANOIL Forum Technologies, Canada
 Reel Working Pressure..... 15,000 psi
 Manifold Working Pressure..... 15,000 psi

Lubricator Riser

Model..... VANOIL Forum Technologies, Canada
 Lubricator ID..... 4 1/16"
 Working Pressure..... 15,000 psi with H₂S Service
 Length..... Optional as 2 ft, 4 ft, 8 ft

Coiled Tubing

Model..... Global Tubing
 Size..... GT-80, 2" (0.156" WT), 6,000 m

Other

Control Cabin..... Lifting Type, Equipped w/ Air Condition
 Camera System..... Well Head, Injector Head etc.
 BHA Equipment#1..... 2 7/8" OD , H₂S Type, NOV
 BHA Equipment#2..... 2 7/8" OD , H₂S Type, SERVA
 Fishing and Milling Equipment..... 2 7/8" OD , H₂S Type, NOV

Data Acquisition System

Monitoring System..... MEDCO DAS Software
 Fatigue Analysis System..... MEDCO FACT Software
 Operation Simulation Program..... MEDCO TAS Software
 Inspection System..... CTIS Software and Equipment

ACID TANK

Quantity..... 2 ea
 (1 ea : 48 m³ Trailer Mounted,
 1 ea : 40 m³ Skid Mounted)

BORDRILL Drilling Contractor & Trade Co.

Via Tower Is Merkezi, Nergiz Sok. No:7/13 Sogutozu 06530 - Ankara - Turkey
 Phone: +90 (312) 219 0 219 Fax: +90 (312) 219 0 218
 www.bordrill.com info@bordrill.com



KTYL 1000 ACID & FRAC UNITS

Year of Construction..... 2018
 Dimensions..... L : 11,4 m; W : 2,5 m; H : 4,0 m
 Weight/Type..... 25 Tons / Trailer Mounted
 Quantity..... 2 ea

Power Pack

Power System..... CAT C27 (1050 hp & 2100RPM)
 Max. Clear Input Torque..... 4798@1400rpm

Transmission

Model..... ALLISON 8610 OFS
 Maximum Clear Input Torque..... 4474 N-m
 Maximum Input Power..... 1104 hp

Plunger Pump

Model..... KERUI KR1000W Quintplex Pump
 Maximum Input Power..... 746 KW /1000HP
 Stroke..... 6"/152.4mm
 Plunger Size..... 3" /76.2mm
 Maximum Pressure..... 15000psi/105Mpa
 Maximum Displacement 1564 l/min/413GPM

Centrifugal Pump

Supercharging Centrifugal Pump..... SERVA RA56
 Maximum Flow..... 3.2 m³/min
 Maximum Working Pressure..... 0.3 Mpa
 Working RPM..... 1900-2000rpm

Other

Displacement Tanks..... Acid Proof
 Capacity..... 4 m³
 Quantity..... 2 ea
 Control..... Siemens PLC
 Monitoring..... Remote and Local

LNP 180K NITROGEN PUMP UNIT

Year of Construction..... 2018
 Dimensions..... L : 15 m; W : 2,6 m; H : 3,9 m
 Weight/Type..... 26 Tons / Trailer Mounted
 Quantity..... 1 ea

Power Pack

Power System..... CAT C15 (595 hp & 2100RPM)
 Transfer Case..... 3PD08
 Transfer Case Max. Rotational Speed..... 2200 RPM
 Max. Input Power..... 540 hp
 Max. Output Power - Torque..... 540 kW - 2074 N*m

Plunger Pump

Model..... CS&P Quintplex 5-ICP-30, 1.25" cold end
 Discharge Pressure..... 15,000 psi , SPM Fig.1502 Manifold
 Displacement..... 180,000 SCFH

Centrifugal Pump

Model..... CS&P Booster Pump 1.5" x 2.5" x 6"
 Rated Working Flow..... 122 L/min
 Rotational Speed..... 4500 RPM

Vaporizer

Model..... CS&P Heat-recovery type
 Max. Nitrogen Gas Displacement..... 180,000 SCFH
 Working Pressure..... 15,000 psi

Other

Tank..... Liquid Nitrogen
 Quantity..... 1 ea
 Capacity..... 2000US gal(7.6m³)
 Control..... Siemens PLC
 Monitoring..... Remote and Local

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