



RIG #30

WEI DS230



CHARACTERISTICS

RIG TYPE Hydraulic, highly automated. Power supply MT electric grid, hoisting capacity 230t. CE/ATEX/API conformity

MAST TYPE telescopic and Hydraulic. rated hoisting capacity 230t., height 23.64 m from ground level, height 15.64 m from rig floor, max stroke 17 m

CHOKE MANIFOLD working pressure: 5,000 psi, nominal diameter 3-in ID, remote operated choke (2) 3-in 5kpsi, manual operated choke: (1) 3-in 5kpsi

AUTOMATED CATWALK Manufacturer WEI srl. Tubular size 3.1/2-in to 13.3/8-in OD, tubular range: range 2 and range 3, max capacity 3000 kg

DRILLING MUD PUMP (1) model WEI RS-F800, working pressure 5,000 psi, stroke: 9-in, 460kW (625hp) electric motor

Hydraulic **BOP HANDLING SYSTEM**, max hoist capacity 40t, stroke 3.70 m, horizontal travel 3.00 m

MUD SYSTEM 400 mc total capacity, shaker (1) Swaco Mongoose, degasser (1) Swaco CD-1400, mud-gas separator (1) 40-in, dual Trip tank (2) x 4 mc/cad

BOP CONTROL UNIT working pressure 3,000 psi, reservoir capacity 2100 liters, accumulators capacity 1.000 liters, pneumatic and electrical pump (2 + 1)

CHOKE & KILL LINES choke line (1) 3-in x 5,000 psi, kill lines (2) 2-in x 5,000 psi

SUBSTRUCTURE rotary table capacity 230t, Rig floor height 8.00 m from the ground level

TOP DRIVE model WEI DS230, hydraulic type, capacity 230t, torque rating 2600 daNm/19,000 ft-lb, speed max: 180 rpm, max operating pressure 5,000 psi

TAVOLA ROTARY size 27.1/2-in, hydraulic motor, torque rating 1300 daNm (9500 ft-lb), speed max: 80 rpm

POWER TONG torque rating (make-up) 6000 daNm, torque rating (break-out) 8000 daNm, spinner 100 rpm max

EMERGENCY MUD PUMP (1) (1) model WEI-TECNIWELL TW500, working pressure 10,000 psi, stroke 5-in, equipped with diesel engine 375kW (510hp)

BLOW OUT PREVENTERS (1) Annular 13.5/8-in x 5,000 psi, (1) single ram 13.5/8-in x 5,000 psi, (1) double ram 13.3/8-in x 5,000 psi, shear/blind ram: 1 set single ram

POWER PLANT (OPTION MT) (1) MT/BT cabin rated input voltage 11kV

POWER PLANT (OPTION GE) (2) 1000kVA Generating sets (400V), (1) 700kVA Generating set (400V)

