



RIG #20

EMSCO C3



CHARACTERISTIC

RIG TYPE Diesel electric ac/dc w/scr unit

DEPTH RATING 9000 m (30,000 ft +)

MAST Drilmec 152-ft 680t (1,500,000 lbs) shl

SUBSTRUCTURE Drilmec 40ft rig floor height
680t (1,500,000 lbs) rotary capacity
317t (700,000 lbs) setback capacity

DRAWWORKS Emsco C3, 3000hp, 1.5/8 drilling line, with dc motors & eddy current auxiliary brake

TOP DRIVE SYSTEM Varco TDS3, 500 ton hoisting capacity, 31,000 ft.lb cont.torque and 60,000 ft.lb max pipehandler torque, 7,500 psi rated working pressure

TRAVELLING BLOCK 680t (750 ton) rated hoisting capacity

ROTARY TABLE C-375, 37.1/2-in opening, 650 ton load capacity

POWER PLANT (5) MTU 12V4000 generating sets with Stamford PI736F, 1625kva, 600v, 60hz ac generators

MUD SYSTEM 450 mc (2,800 bbl) total capacity

SOLID REMOVAL SYSTEM (4) Swaco BEM-650 shakers w/mud cleaner

MUD PUMPS (3) National 12P160, 1600hp, 7,500 psi max wp

5KPSI BOP STACK (1) 21.1/4-2kpsi annular bop + (3) 21.1/4-5kpsi ram

10KPSI BOP STACK (1) 13.5/8-5kpsi annular bop + (4) 13.5/8-10kpsi ram

15KPSI BOP STACK (1) 11-10kpsi annular bop + (4) 11-15kpsi ram

WELL CONTROL (1) BOP control unit with remote control panel; 3-in ID 15,000 psi WP choke manifold; Swaco mud/gas separator; Burgess Magnavac 1000 degasser

TUBULARS 3.1/2-in OD DP 15.50# S135

5-in OD DP 19.50# S135

5.1/2-in OD DP 21.90# S135

3.1/2-in OD & 5-in OD HWDP

4.3/4-in; 6.1/2-in; 8.1/4-in & 9.1/2-in OD dc

ACCESSORIES Hydraulic rig skidding system; sound proofing provision; rig camp; HV/LV step-down power transformers & frequency converter package for public network power supply

