

Rig Specs

MAIN DIMENSIONS

Length: 247 ft – 7 in; Breadth: 227 ft – 5 in; Depth: 26ft

Legs: 3 x 410 ft Square Truss

Leg Spacing: Longitudinal leg centers: 129 ft; transverse leg centers: 142 ft

Spudcans: 46 ft diameter x 24 ft high

Slot dimensions: 41 ft x 50 ft

Helideck: S-61; diameter 70 ft

OPERATIONAL PARAMETERS

Water Depth: 300 ft (17 ft – 300 ft)

Maximum Drilling Depth: 20,000 ft

Transit Speed: 5 knots

Survival Conditions – Criteria Design: Wind: 100 Knots; Waves period: 13 sec; Wave height: 44 ft

Jacking and skidding system: Marathon LeTourneau AC electric rack and pinion, 90 ft/hr

“Your First Choice for Rigs & Equipment”

DRILLING EQUIPMENT

Derrick: Dreco 170 ft x 30 ft x 30 ft x 1,500,000 lbs.

Cantilever Load: 1,310,000 lbs.

Drawworks: 1320 x UE 2000 HP National Oilwell; wire 1½”. Electric brake: Model 7838 Baylor

Rotary Table: Model C-375 National Oilwell 37½”, driven by 1D79 EMD motor

Top Drive: Model TDS-4H Varco BJ 650 TON, with Pipe Handler model PH-85

Travelling: Continental Emsco 760H 650 TON

Crown Block: National OilWell 760FA

Mud Pumps: 2 x National Oilwell Model 12-P-160 Triplex – 5000psi. Standpipe 5in x 5000psi

Main Power: 3 x EMD 16-645-E8 Engines 6600HP, generators AB20-N6 x 1,575Kw 600V

Emergency Power: 1 Cat 3412-TA 719HP Diesel engine

Cementing Unit: 2 electric triplex pumps,15000 psi, 14 BPM

Mud Equipment: Shakers (4) MI Swaco; Desilter (1) Mi Swaco; Degaser, Rig Vacuum MI Swaco.

Control System: Air / electric powered

Choke and Kill Manifold: 3-1/16" x 10000 psi x 2 HCR & 2 manual

CRANES

Model PC-120AS Marathon Letorneau; Boom: 2 @ 120' Max. load 90000 lbs

Model PC-120AS Marathon Letorneau; Boom: 1 @ 100' Max. load 90000 lbs

CAPACITIES:

Liquid Mud: 1605 bbls

Bulk Mud / Cement: 6240 cu.ft

Sacks: 2500 sacks

Drill Water: 10540 bbls

Potable Water: 1294 bbls

Fuel Oil: 4727 bbls

Base Oil: 563 bbls

Preload Tanks (include combination tanks): 15542 kips

88 berths; main offices, auxiliary offices; mess and galley, meeting room; recreation room and gym, medical office with observation room and bedroom with eight beds for quarantine cases.

