



EnSCO Middle East & Africa
Al Moosa Tower 2, Suite 2601
Sheikh Zayed Road
Dubai UAE
Phone: 971 4 403 7300
Fax: 971 4 403 7305
E-mail: marketing.ap@enscoplc.com
www.enscoplc.com



ENSCO 97

GENERAL INFORMATION

Flag Liberian
Previous Name(s) Keyes 250; Marine 250; Dual Rig 86
Year Built 1980
Builder Marathon LeTourneau, Brownsville, Texas, USA
Upgrade 2005
Design Marathon LeTourneau 82-SD-C
Classification A. B. S. A-1 self elevating mobile offshore drilling unit

MAIN DIMENSIONS

Length 207.3'
Breadth 176'
Depth 20'
Legs 3 x 360'; triang/truss; leg below hull 311'
Leg Spacing Longitudinal: 121.67'; transverse 120'
Cantilever Cantilever structure can extend rotary 40' from stern (+7' extension); and 12' transverse rotary movement each side of centerline
Spud Cans 40' across x 21.3' deep
Deck Area _

DRAFT AND DISPLACEMENT

Transit Draft 12'
Transit Displacement 7,089 ton

MACHINERY

Main Power 3 x EMD 12-645-E8 diesel engines (4,950 HP)
EMD AB20-6 (1,050 KW) generators
Power Distribution Ross-Hill SCR model 1500 system
Emergency Power 1 x Cat 320 KW

OPERATING PARAMETERS

Water Depth 250' (13' – 250')
Maximum Drilling Depth 20,000'
Leg Penetration 25'
Air Gap 30'
Transit Speed 5 knots field; 3 knots ocean
Survival Conditions wind 100 knots
Criteria Design 38'; wind 70 knots; air gap 25'; water 250'; atmosphere 14 F; water 28 F

DRILLING EQUIPMENT

Derrick Loadmaster 160' x 30' x 30'; 1,000,000 lb static hook load capacity
Drawworks Continental Emsco C-2, 2,000 HP, Baylor 7838 brake
Rotary National C-375, (37 1/2") with independent electric drive –VARCO PS-21 hydraulic slips
Top Drive Varco TDS-4
Travelling 500 ton
Handling VARCO ST-80
Cementing Halliburton SKD-4 (free placement only)
Mud Pumps 2 x Emsco FB-1600 triplex with P-Quip rod and liner retention system
Drill Pipe 5" grade G105, 3 1/2" grade G 105
Drill Collars 9 1/2", 8", 6 1/2", and 4 3/4"

HOISTING EQUIPMENT

Crane 3 x Marathon LeTourneau PCM-120 with 100' booms, 45 ton at 25'

CAPACITIES

Variable Deck Load Transit : 3,060 kips, Drilling: 4,743 kips, Survival: 1,690 kips
Cantilever Load 1,000,000 lbs
Total Drilling Load _
Tubulars in Pipe Rack 450,000 lb
Liquid Mud 1,589 bbls
Bulk Mud/Cement 9,595 cu. ft.
Sacks 2,000 sacks
Drillwater 5,085 bbls
Potable Water 984 bbls
Brine Storage _
Base Oil Capacity _
Fuel Oil 2,368 bbls
Watermaker _
Others _

WELL CONTROL SYSTEMS

BOP Shaffer Spherical 13 5/8" x 5,000 psi, Cameron "U" ram 13 5/8" x 10,000 psi (1 double & 1 single)
BOP Handling 2 x J.D. Neuhaus 25 ton each
Control System Shaffer/Koomey T20160-35AC-62
Diverter 30" Hydril MSP 1,000, 21 1/4" 200 psi Shaffer
TV System Yes
Choke and Kill T3 3 1/16" x 10,000 psi with 2 x manual and 2 x hydraulic chokes

MOORING

Winches 4 x Marathon LeTourneau / W1500 TS
Wire 1 1/2"
Anchors 4 x Delta Flipper anchors

HELIDECK Bell 212/412; or equivalent 19,500 gross lb

JACKING AND SKIDDING SYSTEM Rack and pinion

ACCOMMODATION 100 berths

ADDITIONAL DATA

2 x National Oilwell / Dual tandem DTS-LI Scalpers - capacity 1,200 gpm; 3 Derrick Flo-line cleaner 500 series, desilter Derrick D-RND-CM-4-20-1,000 gpm desander Derrick DSI-10-3 1,500 gpm; Life saving equipment 2 x 50 man whittaker survival capsules, 4 x 25 man life raft; sewage treatment: Omnipure type II model 12MV12-27; zero discharge (single point)