



## ENSCO 87

### GENERAL INFORMATION

<b>Rig Type:</b>	Self-Elevated MODU Jackup
<b>Design/Shape:</b>	MLT 116-C Triangular
<b>Builder/Built Year:</b>	Marathon LeTourneau / 1982
<b>Latest Upgrade:</b>	2006
<b>Classification:</b>	A.B.S.
<b>Accommodation:</b>	75
<b>Helideck:</b>	S-61
<b>MODU Code:</b>	1979

### MAIN DIMENSIONS

<b>Length:</b>	243 ft
<b>Breadth:</b>	200 ft
<b>Depth:</b>	26 ft
<b>Legs:</b>	3 x 477 ft Square truss
<b>Spud Can:</b>	46 ft diameter

### POWER EQUIPMENT

<b>Main Power:</b>	4 x EMD 12-645-E8 engines
<b>Emergency Power:</b>	1 x Detroit 12V71T

### OPERATING PARAMETERS

<b>Water Depth:</b>	22 ft – 350 ft
<b>Rated Drilling Depth:</b>	25,000 ft
<b>Variable Deck Load:</b>	8,468 Kips
<b>Total Drilling Load:</b>	2,600,000 lbs
<b>Leg length below hull:</b>	428 ft
<b>Transit Draft:</b>	16 ft

### DRILLING EQUIPMENT

<b>Derrick (LxWxH):</b>	National 160 ft x 30 ft x 30 ft 750 sT
<b>Drawworks:</b>	National E-3000
<b>Rotary Table:</b>	National C-375
<b>Top Drive:</b>	Varco TDS-8
<b>Hoisting System:</b>	750 sT
<b>Handling:</b>	Varco ST-80
<b>Mud Pumps:</b>	3 x National 12-P-160 triplex
<b>Jacking System:</b>	Marathon Le Tourneau AC electric rack and pinion system

### STORAGE CAPACITIES

<b>Fuel Oil:</b>	7,531 bbls
<b>Drill Water:</b>	9,727 bbls
<b>Liquid Mud:</b>	1,689 bbls
<b>Brine Storage:</b>	None
<b>Base Oil Storage:</b>	None
<b>Potable Water:</b>	1,295 bbls
<b>Bulk Mud:</b>	2,720 ft <sup>3</sup> (Barite/Bentonite)
<b>Bulk Cement:</b>	4,240 ft <sup>3</sup>
<b>Sacks:</b>	2,500 Sacks

### WELL CONTROL SYSTEMS

<b>BOP:</b>	Shaffer 13 5/8", 5,000 Psi annular, 1 Double and 1 Single Cameron type U 13 5/8" 10 M Ram preventer
<b>Control System:</b>	CAD Oilfield Specialties 450 US gal, 3,000 Psi
<b>Choke and Kill:</b>	3 1/16" x 10 M, 2 manual and 2 hydraulic chokes
<b>BOP Handling:</b>	2 x 37,5 sT hoist and trolley handling system

### SAFETY

<b>Lifeboats:</b>	2 x Watercraft 58 Man Lifeboat
<b>Life rafts:</b>	2 x Viking 25 Man Throw Over 2 x Viking 25 Man Davit Launched

### OTHER EQUIPMENT

<b>Cranes:</b>	1 x Marathon LeTourneau PCM 120 AS Electric 100 ft boom 50 sT at 25 ft radius 2 x Marathon LeTourneau PCM 120 AS Electric 100 ft boom 45 s T at 25 ft radius
<b>Drill Pipe:</b>	5" x 15,000 ft NC 50
<b>HW Drill Pipe:</b>	5" x 30 # NC 50
<b>Drill Collar:</b>	6 1/2" x 12 # NC46 8" x 9 # REG