

# PENTAGON 5000



<b>Rig Type</b>	<b>Semi-Submersible MODU</b>
<b>Main Dimension</b>	
<b>Length</b>	<b>325ft</b>
<b>Breadth</b>	<b>338ft</b>
<b>Depth</b>	<b>134ft</b>
<b>Machinery</b>	
<b>Main Power</b>	<b>2 x EMD MD-12-645E8 diesel engines 1,500hp each driving 1GE 1,050 kw, 600V AC generator, 2 EMD L-12-710-G7B diesel engines 3,00hp,each driving 1 Baylor 2,350 kw, 600V AC genertor.</b>
<b>Emergency Power</b>	<b>1 x Detroit Diesel 16V-71-T diesel engine with kato 428kw at 1,800rpm, 480V AC generator.</b>
<b>Operating Parameters Water</b>	
<b>Depth Maximum Drilling</b>	<b>2,300ft nominal</b>
<b>Depth</b>	<b>25,000ft</b>
<b>Drilling Equipment</b>	<b>Continental Emsco 20D 172ft x 36ft x , 1,300,000lbs static hook load</b>
<b>Derrick</b>	<b>Continental Emsco C-3 Type II, 3,000hp driven by 3 GE-752 DC motors, grooved for 1-1/2" drill line, complete with Baylor Elmagco 7838W Eddy current Brake. Continental Emsco T-4950 independent rotary drive, driven by 1 GE-752 DC motors</b>
<b>Drawworks</b>	
<b>Rotary</b>	
<b>Top Drive</b>	<b>Maritime Hydraulics, DDM-650-L-DC, 650T</b>
<b>Cementing</b>	<b>Third party free-placement, Twin skid cementing unit,10,000psi wp (working pressure)</b>
<b>Mud Pumps</b>	<b>3 x Continetal Emsco FB-1600 triplex, 1.600hp each driven by 2 GE-752 DC motors.</b>
<b>Capacities</b>	
<b>Liquid mud</b>	<b>2,581bbbls</b>
<b>Bulk Mud/</b>	<b>7,240ft3 / 7,240ft3</b>
<b>Cement Sacks</b>	<b>6,000 sacks</b>
<b>Drill Water</b>	<b>10,186bbbls</b>
<b>Portable Water</b>	<b>3,461bbbls</b>
<b>Brine Storage</b>	<b>1,925bbbls</b>
<b>Fuel Oil</b>	<b>5,093bbbls</b>
<b>Well Control</b>	<b>1 X 18-3/4" X 5000psi wp Shaffer dual annular, 2 x 18-3/4" x 10,000psi wp Cameron U double ram</b>
<b>Systems BOP</b>	<b>Shaffer BOP control system</b>
<b>Control Systems</b>	
<b>Diverter</b>	<b>49-1/2" Vetco Regan KFDS-500, 500PSI WP.</b>
<b>Mooring</b>	
<b>Winches</b>	<b>10 x Brissonneau &amp; Lotz Marine</b>
<b>Wire</b>	<b>10 x 5,700ft x 2-3/4" diameter wire rope, 10 x 1,500ft x 3 ORQ</b>
<b>Anchors</b>	<b>stud-link chain 10 x 26,400lbs Stevpris MK 5</b>
<b>Helideck</b>	
<b>Helideck</b>	<b>80ft diameter for Sikorsky</b>
<b>Accommodation</b>	<b>S-61N 120 persons</b>
<b>Additional Data</b>	
	<b>2 x 65-man totally enclosed self-propelled life -boat</b>
	<b>1 x 6-man rescue boat</b>
	<b>4 x Crew-saver x 25-man davit-launched inflatable life-rafts 4 x Crew-saver x 25-man throw-over inflatable life-rafts</b>