



## Rig 124 250 Foot Jack-up Drilling Unit

General Description	
<b>Design</b> .....	Modtec 200C-45
<b>Hull Dimensions</b> .....	203 ft. by 190 ft. by 21 ft.
<b>Legs (3)</b> .....	350 ft. long triangular
<b>Quarters Capacity</b> .....	100 persons
<b>Maximum Water Depth</b> .....	250 ft.
<b>Jacking System</b> .....	National electrically driven rack and pinion system
<b>Cantilever Envelope</b> .....	40 ft. by 20 ft.
<b>Maximum Variable Load (drilling)</b> .....	7,275 kips*
*100 ft. WD / 50 knot wind / 20 ft. wave / 1.5 knot current	

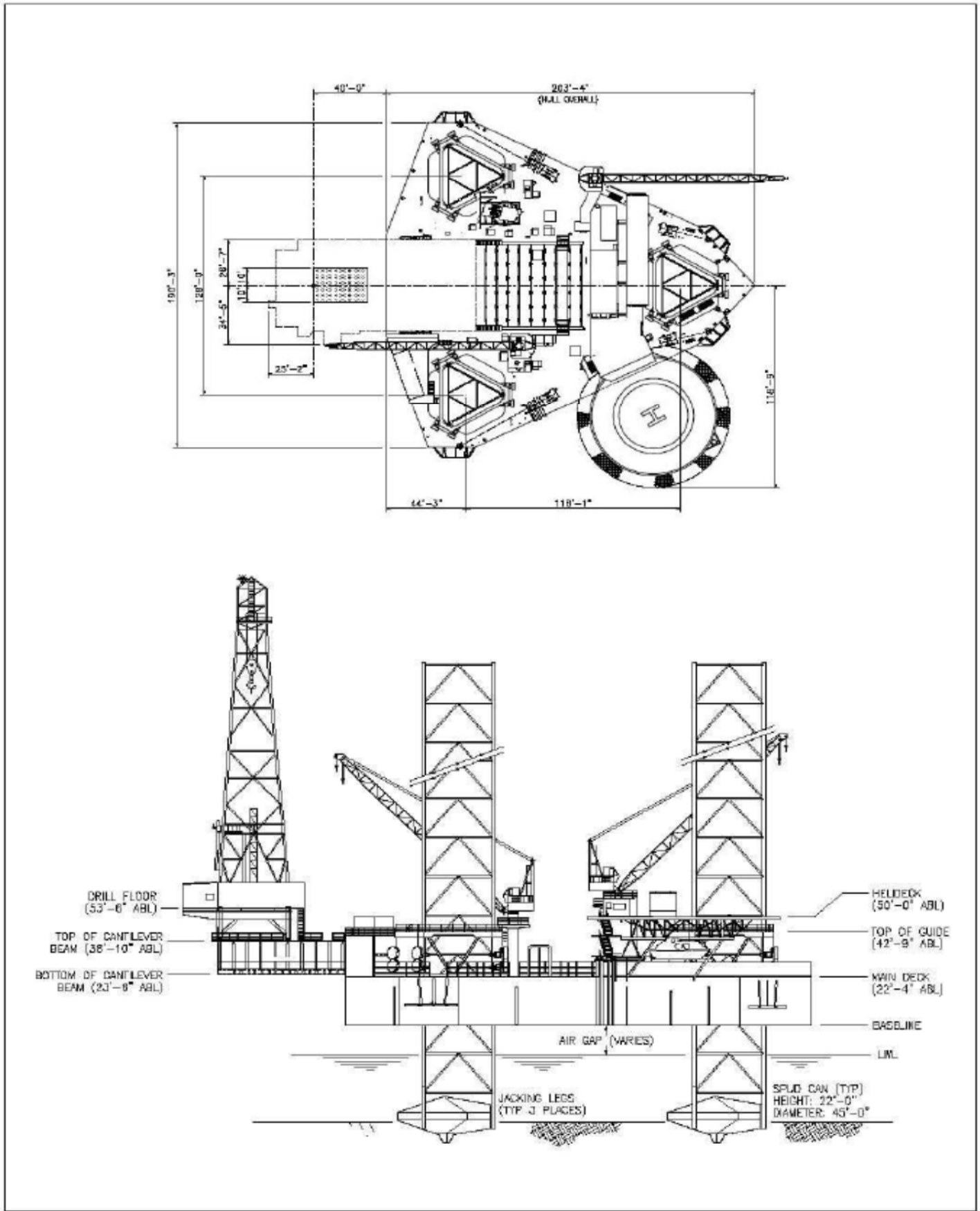
Drilling Equipment	
<b>Derrick</b>	Continental Emsco RD-20, 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,000,000 lbs. with 12 lines (1-3/8 in. drilling line).
<b>Drawworks</b>	National Oilwell 1320-UE, 2,000 HP driven by two (2) GE 752 DC motors, outfitted with Baylor 7838 electric brake
<b>Rotary Table</b>	National Oilwell C-375, 37-1/2 in. maximum opening with independent drive using a GE 752 DC motor with two-speed transmission
<b>Top Drive</b>	National-Oilwell PS-2, 500 short tons power swivel, rated to 49,338 ft.-lbs. continuous torque in low gear
<b>Mud Pumps</b>	Two (2) National 10-P-130s, 1,300 hp triplex pumps, each driven by two (2) GE 752 DC traction motors
<b>Solids Control</b>	Three Derrick 2/48-90F-3TA shale shakers; one Brandt SRS3 Desander; one Brandt SE14 Desilter and one Sweco 6T4 mud cleaner

Storage Capacities	
<b>Liquid Mud</b>	1,569 bbl.
<b>Drill Water</b>	3,412 bbl.
<b>Fuel</b>	2,715 bbl.
<b>Bulk Mud</b>	3,600 cu. ft.
<b>Bulk Cement</b>	3,600 cu. ft.

Power Equipment	
<b>Main Power</b>	Four (4) Caterpillar D-399 diesel engines, 1,215 HP driving four (4) Kato 1,200 KW 600 volts AC generators
<b>Power Dist.</b>	Four (4) GE SCR units, each rated at 1,800 amperes, powering eight (8) GE 752 DC motors

Well Control Equipment	
<b>Diverter System</b>	Hydril MSP 500 psi 29-1/2 in. annular with 16 in. discharge lines and two (2) 16 in. hydraulically operated ball valves
<b>13-5/8 in. BOP</b>	One (1) Hydril Type GL 5,000 psi annular preventer; one (1) Cameron Type U 10,000 psi double ram preventer; one (1) Cameron Type U 10,000 psi single ram preventer

Cranes	
Two (2) American Aero OM-450 B cranes with 100 ft. booms, rated for 30 short tons at 20 ft. radius	



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R-Mar-2013