

GSF Rig 124

Jack-up Drilling Unit

General Description

Design	Modec 200C-45
Overall dimensions	203 by 190 by 21 ft.
Legs (3)	350 ft. long triangular
Quarters capacity	100 persons
Operating water depth	250 ft.
Jacking system	National electrically driven rack and pinion system
Cantilever envelope	40 ft. by 20 ft.
Maximum variable load (drilling)	6,248 kips*

*250 ft. WD / 70 knot wind / 30 ft. wave / 1.0 knot current

Drilling Equipment

Derrick	160 ft. by 30 ft. Emsco 20RD, with a static hook load capacity of 1,024,000 lbs. with 12 lines (1-3/8 in. drilling line).
Drawworks	National 1320-UE, 2,000 hp, driven by two GE 752 DC motors, complete with Baylor 7838 electric brake
Rotary table	National C-375, with independent drive using a GE 752 DC motor with 2-speed transmission
Top drive	National-Oilwell PS-2, 500 ton power swivel, rated to 52,485 ft.-lbs. continuous torque in low gear
Mud pumps	Two National 10-P-130s, 1,300 hp triplex pumps, each driven by two GE 752 DC traction motors
Solids control	Three Sweco linear motion shakers with one each Demco desander and desilter and a Swaco 8T4 mud cleaner

Storage Capacities

Liquid mud	1,781 bbl., including processing tank
Bulk material	7,200 cu. ft.

Power Equipment

DC	Four GE SCR units, each rated at 1,800 amps, powering eight GE 752 DC motors
AC	Four Cat. D-399 diesel engines, 1,215 hp, driving four Kato, 1,500 kva generators

BOP Equipment

Diverter system	Hydril MSP 500 psi, 29-1/2 in., with 16 in. discharge lines and two 16 in. hydraulically operated ball valves
21-1/4 in. system	Hydril MSP 2,000 psi annular preventer and two Cameron type U 2,000 psi single ram preventers
13-5/8 in. system	One Hydril Type GL 5,000 psi annular preventer, one Cameron type U 10,000 psi double ram preventer, and one Cameron type U 10,000 psi single ram preventer

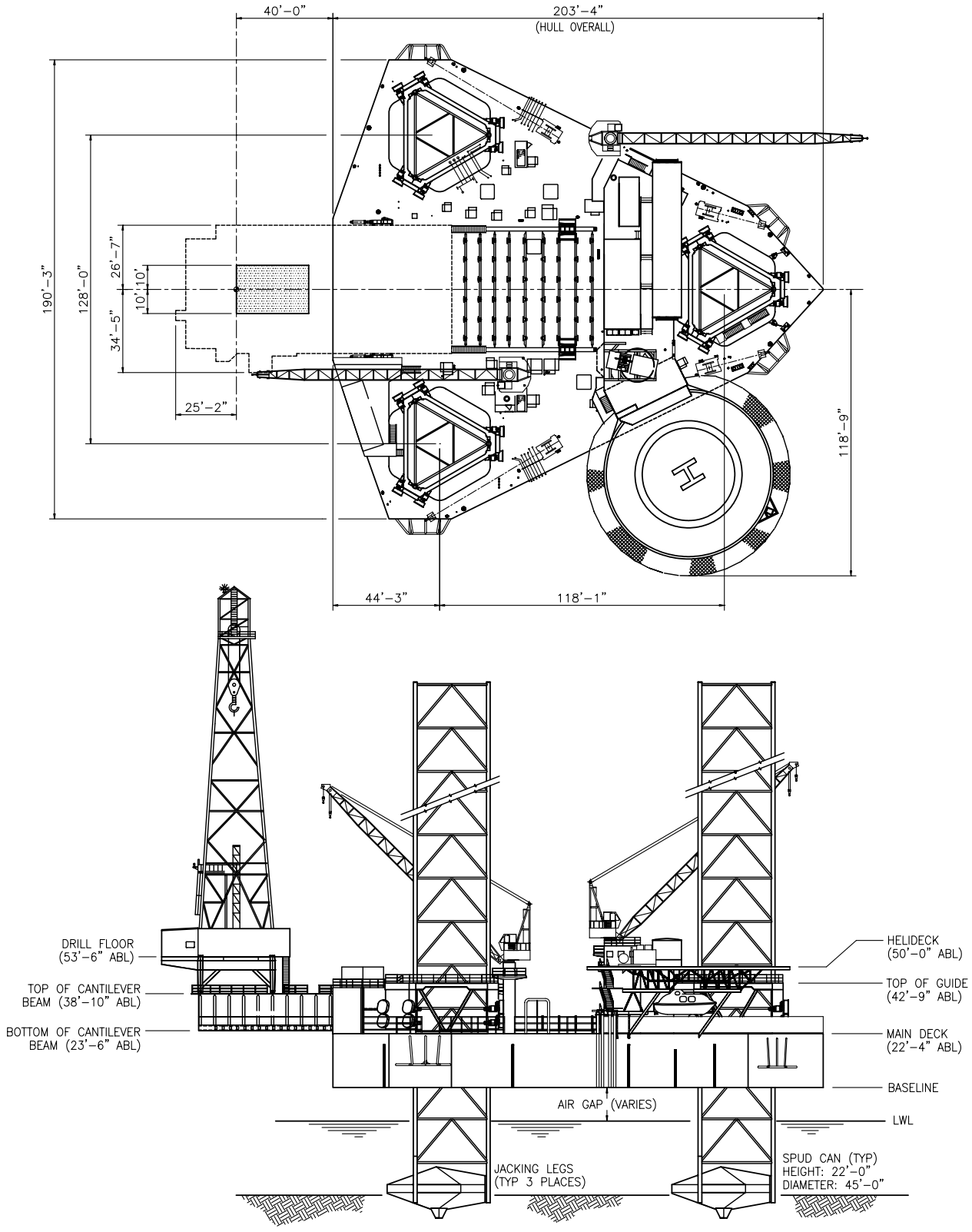
Cranes

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

GlobalSantaFe

Inquiries should be directed to the Marketing Department

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