

GSF Adriatic VI

225 Foot Jack-Up

General Description

Design ..... Marathon LeTourneau 116-C

Overall dimensions ..... 243 x 200 x 26 ft.

Spud can diameter ..... 46 ft.

Legs (3) ..... 343 ft. long square

Quarters capacity ..... 100 persons

Operating water depth ..... 225 ft.

Cantilever envelope ..... 40 ft. by 24 ft.

Maximum cantilever extension (transom to rotary) ..... 45 ft.

Maximum variable load (drilling) ..... 4,300 kips

Drilling Equipment

Derrick	160 ft. x 30 ft. Pyramid, with a static hook load capacity of 1,044,000 lbs. with twelve lines
Drawworks	Emsco C-3 Type II, 3,000 hp (2,000 hp as equipped), driven by 2 EMD-79 DC electric motors, with drum brakes and an Elmagco 7838 auxiliary electric brake
Rotary table	Emsco T3750, 37-1/2 in. driven by independent EMD-79 electric motor, 2 speed gear box
Top drive	Varco TDS-4S, 650 short ton hoisting capacity with PH85 pipe handler; maximum continuous torque rating 45,500 ft.-lbs. at 130 rpm or 29,1000 ft.-lbs. at 205 rpm
Mud pumps	2 x Emsco FB-1600, 1,600 hp triplex pumps each driven by two EMD D-79 DC traction motors, rated to 5,000 psi
Solids control	3 x Thule VSM 300 Linear Shale Shakers, 1 x 16 cone desilter
Instrumentation	Petron IDS-2000 Pit Volume totalizer system with mud flow and trip tank monitoring, Petron IDS 2000 Drilling Parameter Recorder

Power Equipment

DC	Five Ross Hill SCR units, 1600 amps each, powering 8 drilling motors
AC	Three EMD 16-645 E8 diesel engines, 2,200 hp, driving three EMD A-20-6 1,450 kw generators

Storage Capacities

Liquid mud	1,857 bbls.
Base oil	650 bbls.
Brine	650 bbls.
Bulk material	10,798 cu. ft.

BOP Equipment

Diverter	Regan KFDJ, 37-1/2 in. fixed diverter with 24 in. insert packer, two 12 in. discharge lines with 12 in. hydraulically operated ball valves
BOP stack	13-5/8 in. x 10,000 psi WP BOP stack, with one Cameron double and one Cameron single ram preventers, one Hydril GL 13-5/8 in. 5,000 psi WP annular
BOP handling	2 x 100 ton hoist and trolley handling system

Cranes

Three Marathon LeTourneau PMC-120 cranes, 100 ft. booms, rated for 50 short tons at 24 ft. radius

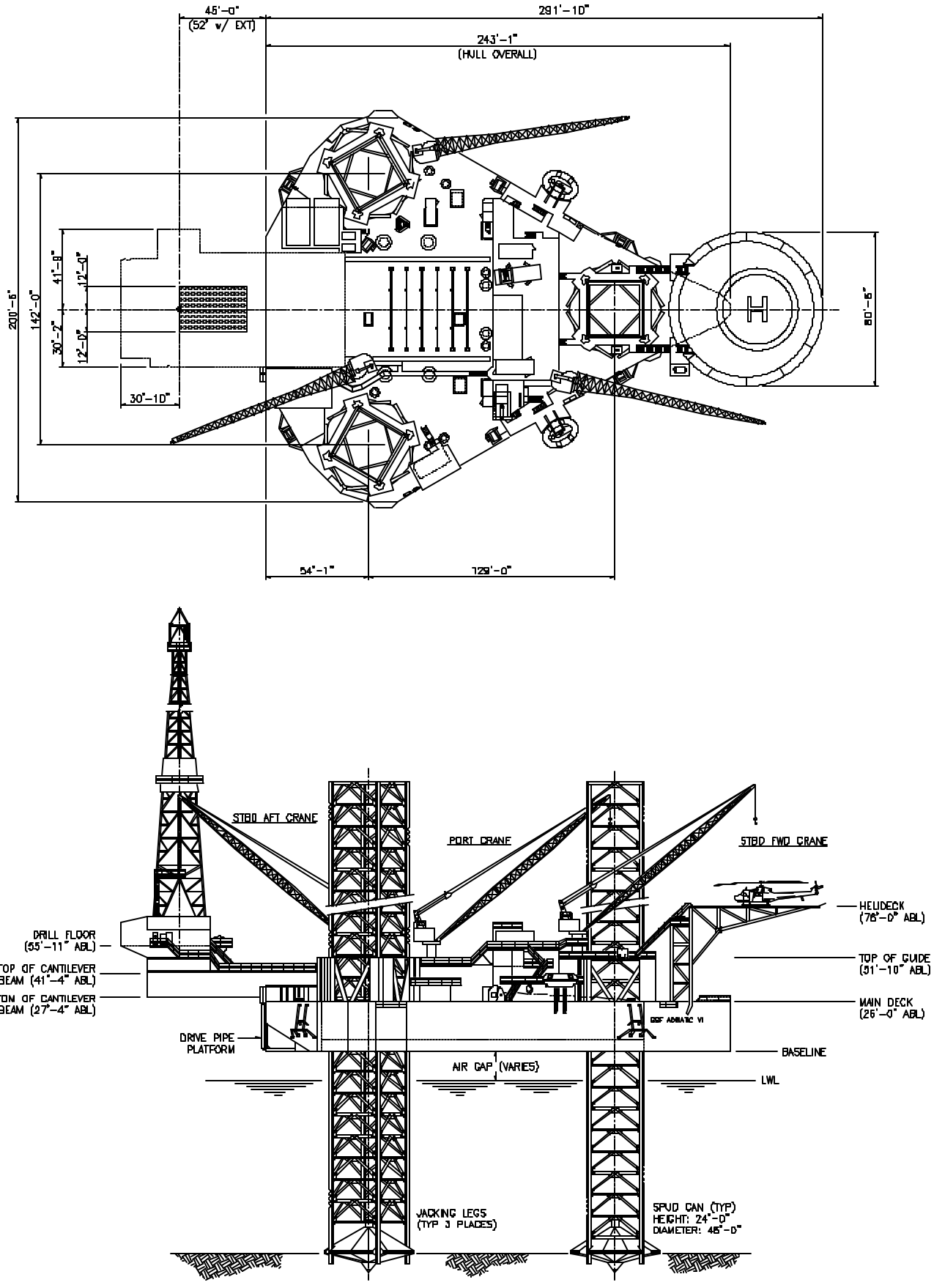
Special Features

Cantilever extensions 7 ft. pin on extensions are available to increase the maximum skid out distance to 52 ft. aft of the stern and drilling envelope to 47 ft. by 24 ft.

GlobalSantaFe

Inquiries should be directed to the Marketing Department

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