

GSF Labrador

300 Foot Jack-Up

General Description

Design..... CFEM T-2005-C

Overall dimensions.....265 x 301 x 25 ft.

Spud can diameter ..... 46 ft.

Legs (3).....438 ft. long square

Quarters capacity .....100 persons

Operating water depth ..... 300 ft.

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

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

Maximum variable load (drilling)..... 4,597 kips

Drilling Equipment

Derrick	162 ft. x 36 ft. Joseph Paris, with a static hook load capacity of 1,300,000 lbs. with fourteen lines
Drawworks	National-Oilwell 1625 DE, 3,000 hp, driven by three GE 752 DC motors, with drum brakes and a Baylor Elmagco 7838 auxiliary electric brake
Rotary table	National-Oilwell C-495, 49-1/2 in. driven by independent electric motor, two speed gear box
Top drive	Varco TDS-4S, 650 short tons, continuous drilling torque rating 45,500 ft.-lbs., with a Varco PH-85 pipe handler
Mud pumps	Three National-Oilwell 12-P-160, 1,600 hp triplex pumps each driven by two GE 752 DC traction motors, rated to 5,500 psi
Solids control	4 x Thule VSM 100 shale shakers
Instrumentation	Electro Flow Pit volume totalizer with alarms, mud flow and trip tank monitoring

Power Equipment

DC	Five Hill Graham SCR units, 1600 amps each, powering ten drilling motors
AC	Five Caterpillar D 3516 diesel engines, 1,855 hp, driving fiv KATO 6P 7-2525, 1305 kw generators

Storage Capacities

Liquid mud	1,703 bbls.
Bulk material	10,456 cu. ft.

BOP Equipment

Diverter	Hydril MSP 500 psi, 29-1/2 in. annular preventer with one 12 in. discharge line and one 12 in. hydraulic ball valve
BOP stack	13-5/8 in. x 15,000 psi WP BOP stack, with two Cameron U double ram preventers, one Cameron 13-5/8 in. 10,000 psi WP annular
BOP handling	2 x 37.5 tonne hoist

Cranes

Two National OS215 cranes, 120 ft. booms, rated for 40 short tons at 30 ft. radius

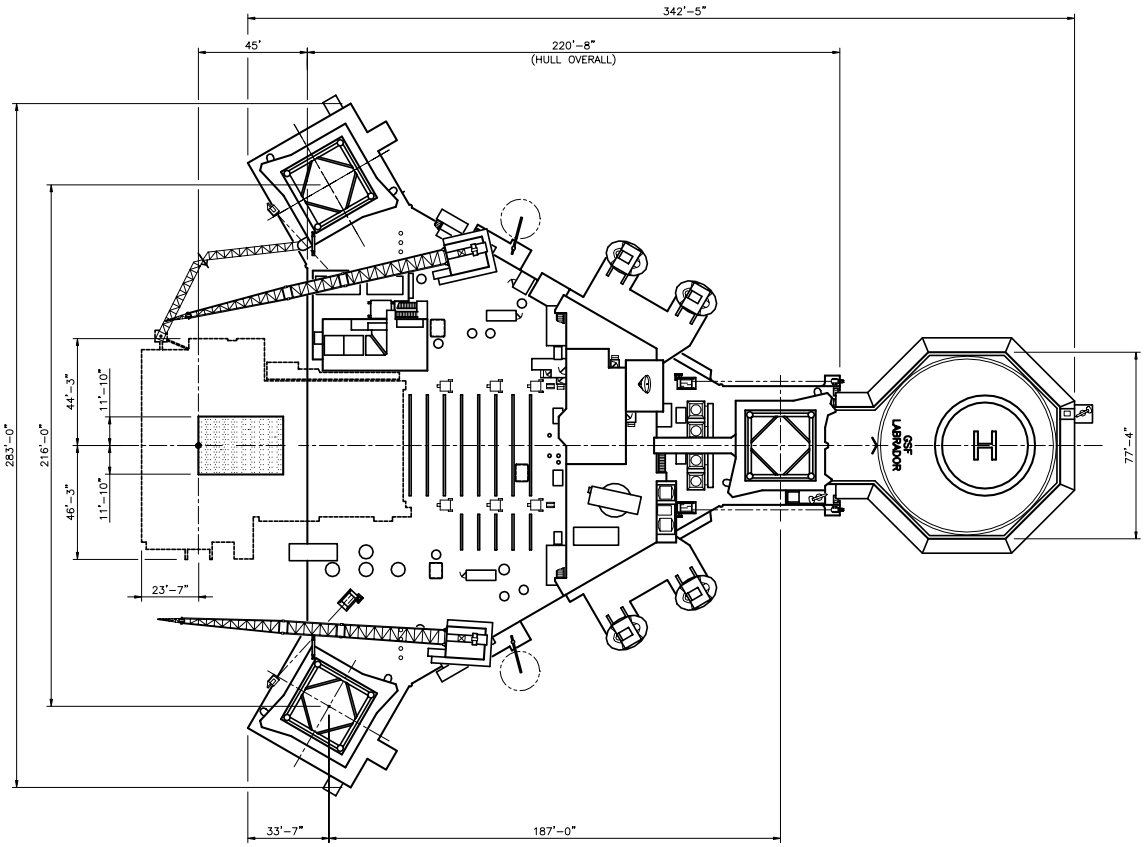
Special Features

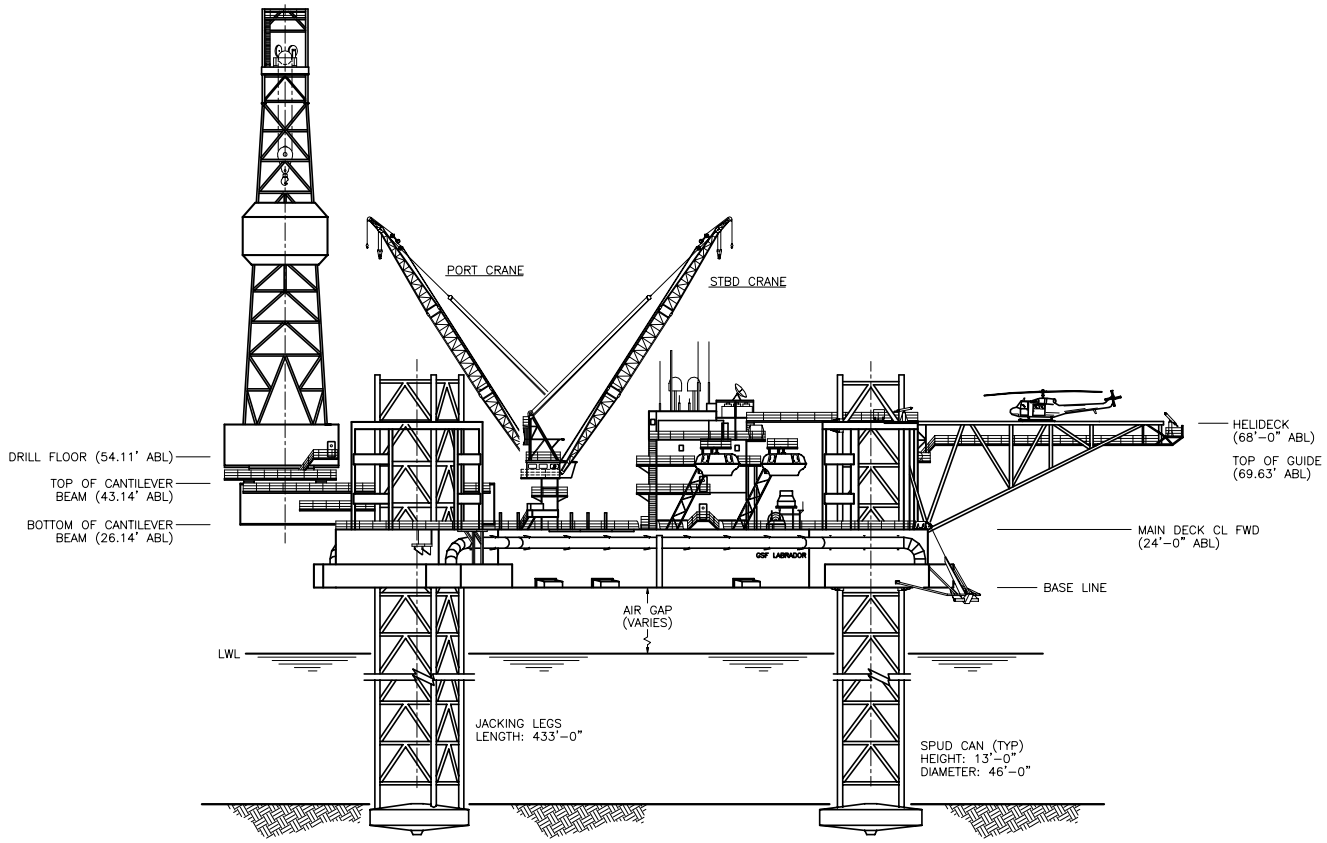
CTU	300 kip Conductor Tensioning Unit with support platform provides lateral and vertical support during exploratory operations

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Inquiries should be directed to the Marketing Department

Houston 15375 Memorial Drive Houston TX 77079-4101 (281) 925-6000 Fax (281) 925-6010





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