

# WHAT IT TAKES TO MOOR DELTA HOUSE



InterMoor provided suction pile design, fabrication and installation, followed by pre-set mooring installation and pre-set mooring hook-up of the Delta House Floating Production System (FPS). Delta House is LLOG's second Exmar-designed Opti deep-draft, semi-submersible production system in the Gulf of Mexico.

## MOORING EQUIPMENT TO STAND THE TEST OF TIME:

Chain links weigh over **460 pounds** each.

Shackles weigh close to **1 metric tonne** each.

**25 years** service life.

**4,400 ft.** water depth in the Mississippi Canyon 254 block - 3 times the height of the Empire State Building

**103,858 ft.** of chain and polyester, almost 20 miles

**Area: a circle of 14,550 ft. diameter - 2.6 miles - more than the width of Manhattan**

### 12 suction piles:

- 85 ft. x 16 ft. diameter
- 1,800 Tonnes of steel

The Delta House mooring system was deployed and installed safely and on time, without incident. The system was successfully connected under high loads. Close attention to tolerances and connection interfaces were paramount to the accomplishment of this project. Technical innovations extended the capabilities of the designated anchor handling vessel, minimized twist in the mooring, and ensured cost effectiveness that would not have been possible with another vessel.

Learn more at [www.intermoor.com](http://www.intermoor.com)

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