

Landing-String Slips 1250

Enables Landing of World's Heaviest Casing String, Saves \$15 Million



The LSS 1250 acts as a spider to safely and efficiently grip tubulars, and has a load capacity of up to 1,250 tons (1,133,981 kg).

Objectives

- Run an extremely heavy casing and landing string to total depth (TD). The rig spider was only rated to 1,000 tons, and the string weighed a record-high 1,180 tons (1,070,478 kg).

Our Approach

- Weatherford deployed the landing-string slips (LSS) 1250, which can carry loads of up to 1,250 tons (1,133,981 kg). Weatherford engineers provided slip-crush calculations to verify that the pipe could reach TD without incurring damage from excess stress.
- The team ran the casing and landing string to TD without issue. The final hookload was 2,360,700 lb (1,070,796 kg).

Value to Client

- The LSS 1250 enabled the client to complete the well with the planned casing and landing string. Without this high-load-capacity solution, the client would have needed to drill a second hole section and run two separate casing strings at an approximate cost of US \$15 million.

LOCATION

Green Canyon, Gulf of Mexico

WELL TYPE

Deepwater, exploration

HOLE SIZE

14-1/2 × 16-1/2 in.

CASING TYPE AND SIZE

HCQ-125 VAM SLIJ II, 14 in.,
112.6 lb/ft

TOTAL STRING LENGTH

26,628 ft (8,116 m)

TOTAL DEPTH

26,805 ft (8,170 m)

PRODUCTS/SERVICES

- Landing-string slips 1250
- PowerScope® tong-positioning system
- 14-100 mechanized power tong
- HiPer™ control system
- RMS 2400 rotary-mounted slips

