



## CASE HISTORY

Drilling & Completions

FREECAP® – Swellable Packers

### OPERATOR IN THE GULF OF MEXICO REQUIRES REDUNDANT ISOLATION FOR A LINER TOP

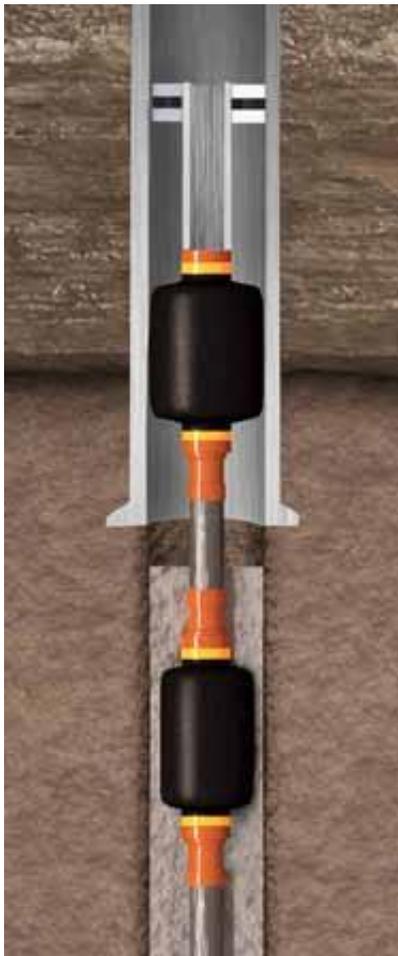
FREECAP® Swellable Packers Provide Cost-Effective and Competent Zonal Isolation of Reservoir Intervals.



**CHALLENGES:** A drilling operator with a deepwater well offshore in the Gulf of Mexico required a redundant isolation packer for the intermediate liner top packer and to ensure the cement integrity above the payzone in the production liner.

**SOLUTION:** TAM installed a 9-5/8-inch FREECAP swellable packer below the liner top packer inside a liner lap above 13-5/8-inch shoe for a Full-Bore application above the cement column. A 7-inch FREECAP swellable packer was also installed on the production liner above the payzone for cement enhancement in the cement column. The completion of the drilling operator's well included three TAM International FREECAP I packers. One of the packers was used in the 9-7/8-inch intermediate liner, below the liner top packer, and two in the 7-inch completion liner. The FREECAP I packers use swellable elastomer technology to provide isolation in the liner-casing annulus and the casing-open hole annulus.

**RESULTS AND BENEFIT:** TAM was able to provide the operator an inexpensive option to help enhance the cementing program and prevent potential costly remediation operations later in the life of the well. FREECAP packers can be run with liner tops as an economical way to assure a long term hydraulic seal. FREECAP can be run above or below pay zones to enhance the primary cements ability to provide zone isolation.



*Two FREECAP® Swellable Packers provide redundant isolation in a Deepwater well*