

First field Installation of SEA VAM TTR

February, 2006 saw the first field installation of a new generation of deepwater riser connections. The culmination of over two years of design, testing, and production, was achieved when the first string of 12 ¾” 65.10# VM95 SEA VAM TTR was installed as an outer riser sting from a spar in 5200’ water depth in the Green Canyon Block #608, 140 miles offshore, Gulf of Mexico, USA. This was the first installation of this new generation of threaded and coupled outer riser connection which combines a high fatigue resistant thread form with a reliable external metal to metal environmental seal. Previous threaded and coupled external riser connections have relied on resilient seal rings added to the connections. This new design eliminates the need for this resilient ring and simplifies the running and field make-up.

The 12 ¾” outer riser is the outer barrier that prevents the sea water from entering the well bore. Inside the outer riser is a 9 5/8” VAM TOP FE inner riser and inside the 9 5/8” will be the production tubulars. An additional 5 risers will be installed for this project.

This project has been a “family” success since the outer and inner risers were produced and threaded by V&M and VAM PTS provided the USA support, field service, and running.

Other customers are already interested in this new riser connection.



Arial view of spar in Gulf of Mexico



Automated tongs making up a connection