

Technip awarded major flexible pipe supply contract for the Tupi field in the Brazilian pre-salt

Technip has been awarded by Petrobras in April a contract for the infield lines of the pilot system for the Tupi field. This field is located at a water depth of 2,200 meters in the pre-salt layer of the Santos Basin, approximately 300 kilometers offshore the Brazilian coast.

The contract includes the engineering, procurement, manufacturing and supply of 90 kilometers of risers⁽¹⁾ and flowlines⁽²⁾ for water injection, oil production, gas lift and carbon dioxide (CO₂) reinjection.

The key challenges of this project are due to the water depth, and the large CO₂ and hydrogen sulfide (H₂S) content in the produced fluid. A new riser monitoring system, using distributed temperature sensor (DTS) technology, has been specially developed for this application and will be incorporated in the flexible pipes.

Technip's operating center in Rio de Janeiro, Brazil will execute this contract. The flexible pipes will be manufactured at the Technip's plant in Vitória, Brazil, with the support of the plant in Le Trait, France. Delivery of the pipes is scheduled to start towards the end of 2010 and finish at the end of 2012.

With this new contract, Technip enhances its leading position in Brazil and especially in the promising pre-salt market.

⁽¹⁾ Riser: a pipe or assembly of pipes used to transfer produced fluids from the seabed to surface facilities.

⁽²⁾ Flowline: flexible or rigid pipe laid on the seabed for the transport of production or injection fluids.

