

Inpex Browse “Ichthys” Gas Field Development

Gas Condensate field Development offshore Australia; permit area WA-285-P is located in the Browse Basin approximately 440 km north of Broome and 800 km south-west of Darwin. Drilling Campaigns in 2000 and 2003 resulted in a significant hydrocarbon gas and condensate discovery known as the “Ichthys Field”. The flexible riser system for the Ichthys development is planned to consist of multiple dynamic risers and umbilicals (approximately 30) ranging in size from 4in MEG / Service lines up to 16in Gas Export risers, with 12in production lines at high pressure and temperature (380 barg, 105°C), situated in 260m of water depth, attached to a Semi Submersible.

flexlife are assisting both Inpex Browse and Intec/Granherne in aspects of the engineering at pre-FEED stage:

Inpex Browse

- Production of a Packaging and Installation Assessment.
 - This assessment is a review of preliminary pipe designs and dynamic riser systems for risks and suitability for packaging, transportation, and installation.

Intec/Granherne

- Third party review of Intec / Granherne riser system design analysis.
- Execution of Steep Wave riser configuration dynamic analysis and riser system fatigue analysis.

