

Production profile	Brownfield
Design depth, m [ft]	
Subsea production system	1,000 [3,281]
Multiphase pump	850 [2,789]

Background

The operator of an Australian brownfield had been trying to develop the Exmouth basin as a stand-alone project. However, based on the highly complex field architecture, the project was becoming economically unviable, despite oil prices being significantly higher. The optimal solution involved integrated and standardized subsea equipment and was refined over time to remove subsea transformers and to include capital-efficient equipment.

Technology

- Standardized subsea tree
- Master control station and electrical power unit integrated in power control module
- Tieback and multiphase pump solution

Multiphase Pump Makes Exmouth Basin Project Technically and Economically Viable

Integrated, capital-efficient subsea equipment provides greater benefits than gas lift



With the OneSubsea approach of simplified subsea architecture and streamlined project scope, the operator implemented a tieback solution that brought the project back to financial and technical viability.