

SUMMARY

Client:
DORIS Engineering

Field:
Equus

Project:
Select Phase
Engineering
Oct 2020 – June 2021
700 Manhours

Spread:
Personnel

Personnel:
Senior Subsea Engineer

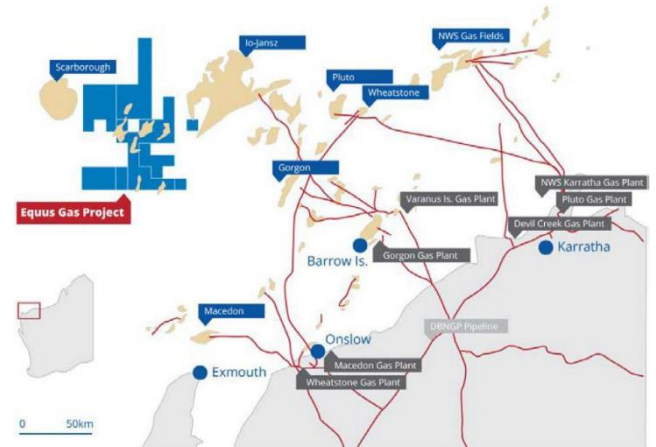
Services:
Installation Engineering
Project Engineering
Concept Definition
BOD Revision
Cost Estimation

Project Outcomes:
Supporting the Western
Gas management team
for Select Phase
engineering works on
the Equus Project

PROJECT PROFILE

DORIS Engineering was awarded an engineering support scope by Western Gas for the Equus field development.

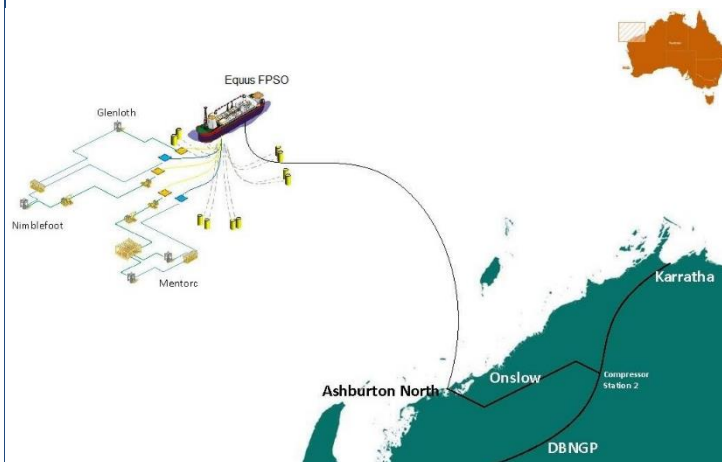
Western Gas owns the Equus Gas Project located northwest of Onslow in water depths ranging from 1,000 to 1,200m. The permits include the Mentorc, Chester, Glencoe, Glenloth, Briseis, Bravo, Rimfire, Nimblefoot, Hijinx, and Snapshot discoveries with a certified resource of more than 2 Tcf of gas and 42MM barrels of condensate.



Infinity Offshore was mobilized to various engineering services directly to Western Gas encompassing Select Phase engineering, cost estimation, field development scenarios and options.

The main services provided to the client were:

- Originating and review of basis of design, drawings, presentations, and plans,
- Option Cost Estimation,
- Cost estimate benchmarking and analysis
- Project scheduling and reporting,
- Modified facility Process engineering with H&MB (DORIS)
- Data mining and organisation of key documents for future worksopes.



Several options for major facilities in the field development were considered, expanded, and the cost estimated for comparison against the base case development plan.

Valuable insight was gained and reported to the client on the key drivers for project success

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