

WAITSIA GAS PROJECT



PROJECT OVERVIEW

The project connected two new gas wells to the existing Xyris production facility via two new flowlines and a new trunkline.

The Xyris low temperature separation processing facility (previously in care and maintenance) was modified and upgraded with a new gas to gas heat exchanger, new power generation plant and control systems and all remaining equipment was brought back up to operational status. This enabled on-spec gas to be exported to the Parmelia Gas Pipeline.

The Project was completed safely, under the client's budget and against extremely tight schedule demands. Net sales gas capacity - 10Tj/d.

PROJECT FACTS

SCOPE

- » 2 x Well pads
- » 2 x Flowlines (AS 2885 pipelines)
- » 6.5km DN150 Trunkline (AS 2885 pipeline)
- » Pipeline facilities
- » LTS gas processing facilities

CLIENT

AWE Limited

LOCATION

14.5 kilometres east of Dongara and 367km north of Perth, Western Australia

DATES

May 2015 to Aug 2016

ROLES & SERVICES

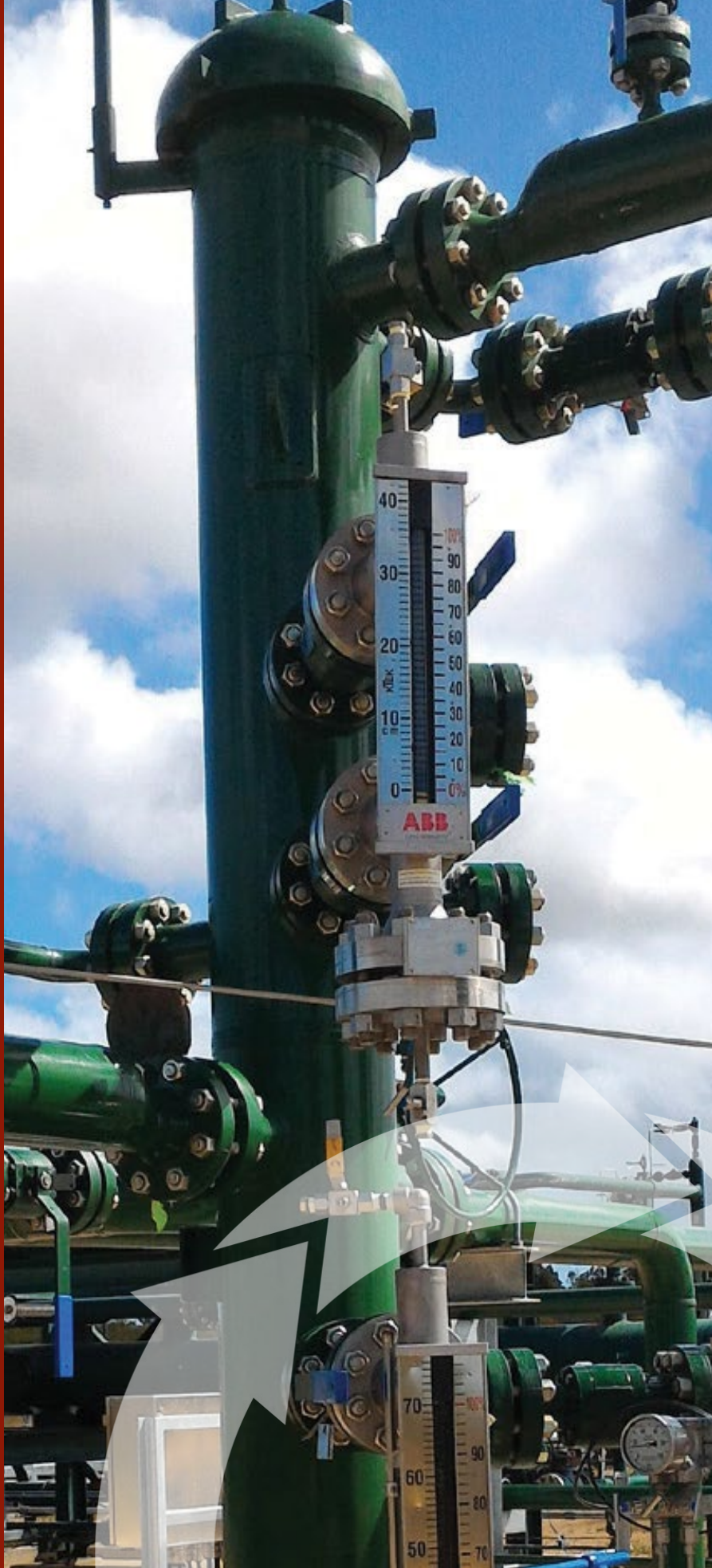
- » **Concept and FEED:** Engaged by AWE to develop the concept engineering package and complete the front-end engineering and design. Subsequently engaged to deliver project execution planning, contract and procurement packages, cost estimate and schedule sufficient to support project FID
- » **EPCM:** Engaged by AWE as the EPCM contractor for delivery of the project
- » **Commissioning:** Engaged by AWE to perform commissioning and assist with handover to operations

KEY CHALLENGES

Reinstatement and commissioning of mothballed plant and equipment

MAJOR ACHIEVEMENTS

Completion of the project achieving AWE's "5 Green Lights" for safety, environmental compliance, budget, schedule and performance



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