



## PROJECT OVERVIEW

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The Katnook Gas Processing Facility Project was built to process well fluids from the Haselgrove 3 well and produce sales quality gas for the south-east of South Australia's gas market.

The existing processing facility was demolished to make way for a completely new facility which Enscope undertook on an EPCM basis for Beach Energy. The new plant has an operational capacity of 10 TJ/d and was constructed on the same footprint as the former Katnook Gas Plant. Project activities executed by Enscope included concept design, FEED, detail design, Project Management, Construction Management, Completions and Commissioning.

The Project was completed without any recordable MTI/LTI incidences under Enscope's Health, Safety and Management Systems utilising many local and regional contractors. This Facility was design, built and commissioned in a little over 12 months from FID.

# PROJECT FACTS

## SCOPE

10TJ/d Gas Processing Facility inclusive of:

- » Dew Point Control Unit
- » Mercury Removal
- » Liquids handling and Condensate Load Out
- » Associated utilities

## CLIENT

Beach Energy Ltd

## LOCATION

Penola, South-East South Australia

## DATES

Oct 2018 to Apr 2020

## ROLES & SERVICES

- » **Concept and FEED:** Engaged by Beach Energy to develop the concept engineering scope and front end engineering design for a 10TJ/day Gas Processing Facility. This was then followed by early FEED, project execution planning, contract and vendor package selection with cost and schedule estimates to support FID.
- » **EPCM:** Engaged by Beach to manage all elements of project delivery inclusive of design, management of procurement, Project Management, Site contractor management and supervision, construction delivery including use of all Ensco HSE and management systems, completions and commissioning.

## KEY CHALLENGES

Engagement of regional contractors to deliver against the highly technical requirements of a Gas Processing Facility.

## MAJOR ACHIEVEMENTS

Under Ensco's HSE Management systems and engaging with the client and regional contractors we achieved an MTI/LTI incident free site.



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