

HORIZONTAL PUMPING SYSTEMS



LOCATION/SITE	CLIENT	DATE	DURATION
Dongara, WA	Origin Energy	2006	6 Months

DONGARA, WESTERN AUSTRALIA

PROJECT/OVERVIEW

To design, manufacture, supply, deliver and commission two horizontal pumping systems to supply power fluid and water flood fluid to the Jingemina Oil Field in Western Australia.

OUR INVOLVEMENT

Eneraque supplied a package that has a Cummins KTA38 as the engine driver, with a twin disc clutch attached to the housing. The clutch is then connected to the drive shaft, which in turn spins the gearbox and pump to provide a discharge rate of 12,500 barrels per day. The horizontal pump is a Schlumberger RedaHPS pump, which is a modular and configurable high pressure centrifugal booster pump package.

OUTCOME/BENEFITS

The rugged, modular design of factory aligned components permits easy maintenance, and minimal downtime when it is eventually required. All major components can be exchanged on-site, within 4–6 hours, without requiring alignment. The engine is also designed for flexibility and can run on a mixture of fuels consisting of oilfield gas, crude oil and diesel.

