

Mars Phase 2A Project

PROJECT DETAILS:

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| Location: | Varanus Island, Western Australia |
| Contract Value: | A\$25 million (2007) |
| Contract Period: | December 2007 - 2009 |
| Safety Statistics: | Manhours: 142,507 LTIFR: 0 |



CLIENT: Apache Energy Limited

Scope of Work:

Clough completed a \$25 million contract by Apache Energy for the Mars Phase 2A Project located on Varanus Island. The contract followed Clough's successful completion of the associated FEED and engineering phases.

The scope of work included the installation of an additional solar compressor with associated pipe work and instrumentation on the existing Varanus Island plant in Western Australia's Pilbara region. The Compressor team was reassigned to assist Apache perform essential repairs after the explosion that caused the plant to temporarily shut down in June 2008. This work included:

- Process and engineering;
- Detailed design;
- Logistics;
- Earthmoving and civil;
- Structural;
- Piping;
- E&I;
- Pre-commissioning and handover
- Commissioning support.

The contract type was Target Cost with some lump sum elements.