SAGD WELL PADS AND CENTRAL PROCESSING FACILITY

(2009)

TARPON ENERGY SERVICES LTD.

LOCATION

Alberta, Canada

SCOPE

- Modular buildings
- Engineering, design and fabrication
- Electrical and instrumentation
- HVAC design and installation

DESIGN

Situated in the Athabasca region, this oil sands project uses Steam Assisted Gravity Drainage (SAGD) as its primary production method. It is estimated that the facility will provide an additional 35,000 BOPD to current production capabilities.

Tarpon's Electric & Controls and Structures divisions supplied seven (7) substations for this operation. Three (3) buildings are intended for use in the site's Central Processing Facility (CPF) and four (4) buildings will be placed at the Well Pad site. The main building was designed for medium and low voltage distribution to meet the client's environmental requirements.

All units were built to accommodate the installation and operation of additional electrical equipment. Tarpon's team of technical professionals was able to provide the client with solutions for engineering, design and installation of all electrical and control systems.