CASE STUDY

Turangi Production Station

OUR CLIENT:	**Greymouth Petroleum**
INDUSTRY:	Oil and Gas
VALUE:	NZ$150K
OVERVIEW:	The Turangi Production Station was a single train station with limited storage, it was not able to achieve the production levels required. The aim of the project was to upgrade the obsolete PLC and out of date SCADA systems to allow control and monitoring of a second production train and a new tank farm to enable improved availability and increased production. The second train would include a high pressure separator, low temperature separator, low pressure separator and stabilization.
ENGINEERING:	ECL Control System Engineers were responsible for the design, documentation, testing and commissioning the new systems. The project involved the following stages; Existing Allen Bradley SLC-5/05, replaced with Allen Bradley ControlLogix. Modbus communications to STOS Pohokura updated for oil export monitoring. SCADA updated to display second production train and tank farm. Commissioning was staged during planned shutdowns to minimize disruption to the existing train.

- The availability of the station was improved and production was increased with minimal disruption to the existing train.
- The project was complete on time within budget with no lost time incidents.

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