

CASE STUDY

MANUTAHİ SANDS WELLSITE

OUR CLIENT: Origin Energy New Zealand

INDUSTRY: Oil and Gas

VALUE: NZD \$250K

OVERVIEW: The Manutahi Sands Wellsite was a brownfield development, as part of the overall project DCS and PLC systems required installation and commissioning. The installation and commissioning of the control systems was to be planned to allow the site to be running in a short time frame, then have maximum availability during the completion of the commissioning.

The installation included the DCS/SIS controller, a local Hima HIMax F60 SIL3 rated Safety PLC, with Hima HIMax F35 SIL3 rated Safety PLCs at remote wellsites. The DCS and PLCs would communicate with the existing remote Rimu Production Station DCS & SIS.

ENGINEERING: ECL TÜV certified functional safety engineers worked closely with the client and the electrical contractor to ensure the installation and commissioning of the DCS/SIS controller and the Hima Safety PLCs was staged to maintain high availability of the site during the project.

OUTCOME:

Project delivered on time and within budget with no lost time incidents.

Target of high availability for site during the upgrade was achieved.

