

Remote control and monitoring Wellhead control systems



Client:

BP / In Salah Gas

Location:

Algeria

Equipment:

Wellhead control systems

compromising on safety. Proserv provided all aspects of the wellhead control system to allow BP and ISG to safely monitor and control the wellhead valves whilst reducing costs.

The Benefits

Proserv provided all aspects of the wellhead control systems to allow BP and ISG to safely monitor and control the wellhead valves whilst reducing costs.

The systems were designed and developed for use in high temperature environments.

The automation of each wellhead valve was optimised as a result of our technology.

Background

Proserv were approached by BP and In Salah Gas (ISG) to develop a solution for the remote control and monitoring of wellhead valves.

Project Description

Proserv provided wellhead control systems to remotely control and monitor the wellhead valves. Due to the challenging environmental conditions in Algeria, Proserv developed the wellhead control systems to be used with solar panels and battery packs.

Scope of Work

The remote control and monitoring of a well is critical during operations. Proserv's wellhead control systems were made up of hydraulic and electronic control panels with remote terminal units (RTU) to safely monitor and control the wellhead valves. The hydraulic control panels (HCP) provided automatic shutdown of the well valves in case of flowline pressure issues.

The electronic control panels (WHCP) and RTUs provided the ability to control and monitor the instrumentation and wellhead valves for each well.

Conclusion

The wellhead valves were not remotely monitored previously, and the client required a solution without

