



LOCATION

Yemen



PROJECT DESCRIPTION

OMV production in the Yemen Habban field is historically around 6600 BBL/d. With high exploration potential in this area, OMV is focusing on further development and the construction of permanent surface facilities. Operating in a remote desert environment is a difficult challenge for personnel and equipment. As part of OMV's core area of exploration and production, the upgrade of the Kharwah and Al Nilam facilities was strategic to increase production performance and operational safety of these existing upstream holdings.

Both early production facilities were initially designed for temporary operations and the geo-political instability in the region has made it difficult to complete more permanent production facilities. This has presented a unique design challenge to create a system that meets both the high level of safety and operating control expected by OMV, while utilizing existing site systems and infrastructure. The resulting control system has full pneumatic based shut down capability, married to an electronic metering system for custody transfer and production records.

Drakken was awarded the turnkey contract for automation of these facilities. Specific scope included the following: design and fabrication of custom, fit for purpose, pneumatic shutdown systems for both facilities, specification and supply of the pneumatic instrumentation; design, fabrication and configuration of SCADA Remote Terminal Units (RTU) Panels for electronic metering; specification and supply of all instrumentation for meters; design and supply of all required electrical and instrumentation cabling and field construction materials; Factory Acceptance Testing (FAT) and functional verification of the systems; and export packing for international shipment.

The Drakken project team included project management in the U.A.E., engineering from offices in Canada and Pakistan, leverage of its worldwide supply chain for procurement activities, and testing facilities in Canada.

This turnkey project was awarded in 2010 on a fast track basis.

PROJECT HIGHLIGHTS

PROJECT VALUE	\$2,000,000 USD
PROJECT TIMELINE	12 months
TYPE OF EQUIPMENT	Early Production Facilities
PRODUCTION CAPACITY	Up to 7,000 bbl/day
SCHEDULE	Delivered on time
SAFETY	No lost time accidents