

ORYX PETROLEUM



LOCATION

Kurdistan, Northern Iraq



PROJECT DESCRIPTION

The OP Hawler Field is an area 30 km west of Erbil, Iraq and is estimated to hold Over 200 MMbbl 2P Oil Reserves. The Demir Dagh field facilities achieved initial production of Q2 2014 with the central processing facility commissioned in September 2015.

Drakken was awarded full turnkey E&I scope of work to include power generation, power distribution, automation, instrumentation and construction supervision. Beginning with the TPF and a 5,000bbld tanker loading system to reach MNR production target dates. Drakken's involvement in automating the temporary production systems assisted the project team to prioritize engineering deliverables to provide a fast track E&I EPC service and reach first oil targets for the EPF which was successfully commissioned in Q3 2015.

Key Engineering Deliverables:

Detailed electrical system modelling for 6mW of power generation
Full Single Line and Distribution studies

Full MCC and synchronization gear design
Complete Delta V design for over 900 IO with remote TLS
3D lighting model and studies
Proprietary Containerized Plug & Play Switchrooms and Control Rooms
Complete Commissioning Plan with Full QAQC Documentation
Material Take Off(s)

After successfully executing the engineering and procurements and playing a turnkey role in the commissioning of Phase 0 operations, Drakken was contracted to provide full EPC scope for the electrical, instrumentation and automation for the Phase B Central Processing Facility. The Drakken team consisted of Project Management in the UAE, engineering in Pakistan, the UK and Canada and Construction Management both on site and in the UAE.

PROJECT HIGHLIGHTS

PROJECT VALUE	\$20,500,000 USD
PROJECT TIMELINE	24 months
TYPE OF EQUIPMENT	Oil & Gas production Facilities
PRODUCTION CAPACITY	40,000 BPD
SCHEDULE	Fast Track Engineering Cycle for TPF - 4 months, EPF/TLS - 7 months
SAFETY	No lost time incidents in ~ 4500 mandays on site