

**CASE
STUDY**

Client D.P.S Bristol

Project date On going

Case Study date April 09

Area

Budget

Project: Khurmala Dome, Iraq

Design all access roads and pipe bridges. Design site drainage including oily water from plant. Design equipment foundations. Design tank bunds and banded compounds to site water treatment facilities.

All designs involved an understanding of the federal State Oil Company - (SCOP) standards, which differ from British standards and an appreciation of production facility environments and requirements. All designs had to be designed to cope with local earthquake activity. We also used finite element analysis of complex structures.

Description of project

Khurmala Dome is an oil field about 80 km to the north west of Kirkuk town and is about 22km long and 3 km wide

Expected oil production will be 100,000bb/d stock tank dry oil and up to 100 MMSCFD of its associated gas.

The oil shall be produced from three degassing stations namely; Khurmala North, Khurmala Middle and Khurmala South.

Merebrook were required to

- design all access roads and pipe bridges.
- Design site drainage including oily water from plant.
- Design various pipe work and equipment foundations.
- Design tank bunds and banded compounds to site water treatment facilities.

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