



CUSTOMIZED OIL DRILLING RIGS

Special oil drilling rigs of high efficiency and mobility were procured to be able to cope on time with the intensive drilling program.



OILFIELD (MUKHAIZNA)

It is in this congested environment that Sarooj had to move its heavy machineries to build access roads and rig locations.

Managing interface through Permit to Work (PTW) was essential.

FILL MATERIAL

In the approved borrow pits, the naturally occurring fill materials are screened to fit within the gradation curve, then moistened, tested, and transported to the final destination.

SCHRAMM DRILLING RIG

In order to avoid risks of delays due to the critical operation of installing conductor pipes at the exact oil well location, Sarooj procured a highly reliable Schramm rig from the USA.



OCCIDENTAL OMAN - RIG LOCATION AND ACCESS ROADS SERVICE CONTRACT

Heavy oil extraction is a difficult process and requires EOR techniques. On their concession in Mukhaizna (Block 53) Occidental Oman opted for steam injection.

They developed an intensive program to drill injector and producer wells. The rhythm is approximately one well a day. They have procured special drilling rigs that can move fast from a location to another. In this congested environment with flow lines, well-heads, stations, facilities, electrical lines, and other services, Sarooj were commissioned to build rig locations, cellars, conductor pipes, water pits and mud pits, access roads, as well as their maintenance.

They too had to follow the same rhythm that is practically one well per day. Eight earthwork teams were permanently working to deliver the locations.

A limiting factor was the drilling and installation of conductor pipe 12 m into the ground and then grouted in.

To cope with such a challenging requirement, Sarooj procured a Schramm drilling rig from the USA supported by a smaller DrillTech rig on standby. Fencing works, HDPE lining for pits, and installation of cellars are carried out by civil works crews. Four years have passed without LTI (Lost Time Injury).

RIG LOCATION

The location is now ready for use.

The cellar is covered with metal grating and the conductor pipe is seen protruding from the cellar.

