



Geothermal Drilling

Jobsite Report 77

Customer

Phreatech

Place

Paris, France

Drilling Job

Supply of an office building of the company Schlumberger with geothermal energy for heating a total area of approx. 1500 m². In total 18 boreholes were drilled close to each other with different depths and drilling angles.

Drilling Method

Double head drilling rotary / rotary and DTH

- Drilling diameter 152 mm
- Drilling depths of 170 m, 200 m and 214 m
- Drilling angles 7°, 14° and 20°

Rods and casings are placed in the drilling axis by means of a handling device attached on a separate excavator.

Equipment

- Drill rig KLEMM KR 805-3GW, 129 kW
- Double head drilling unit KH 32G / KH 22 and preventer system
- Clamping and breaking device type H
- GAMMA water pump
- High pressure cleaner
- In-line lubricator for DTH
- Rod handling device HBR 180-1
- Crane type FASSI on board
- Radio remote control
- Drilling data recording system MBS 5
- Handling system HBR 120 D3H with 3 clamps as excavator attachment



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