

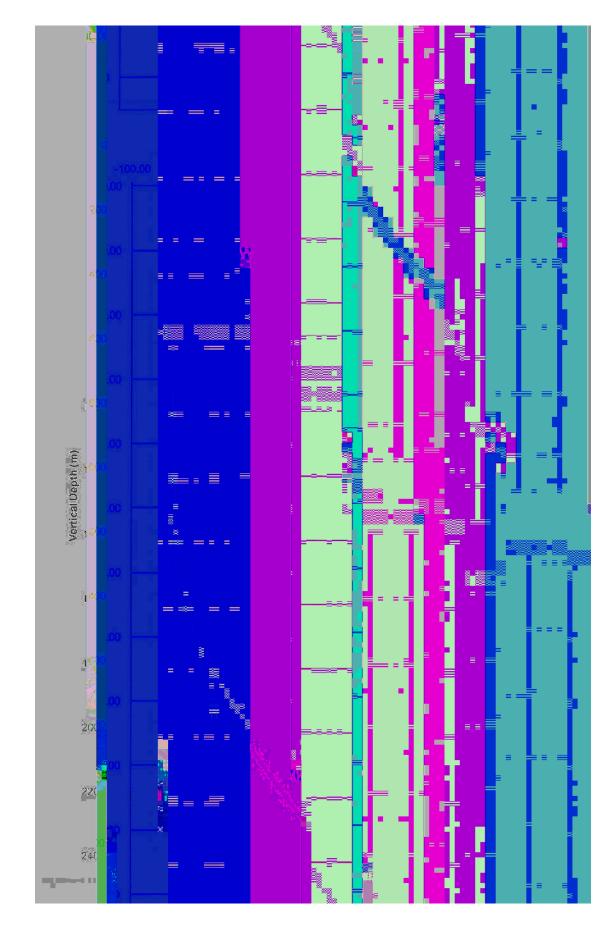
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A pair of geothermal wells (injec on and produc on) were installed in the middle east. The geothermal reservoir consists of a high -salinity limestone forma on aquifer about 375m thick and about 2150m deep.

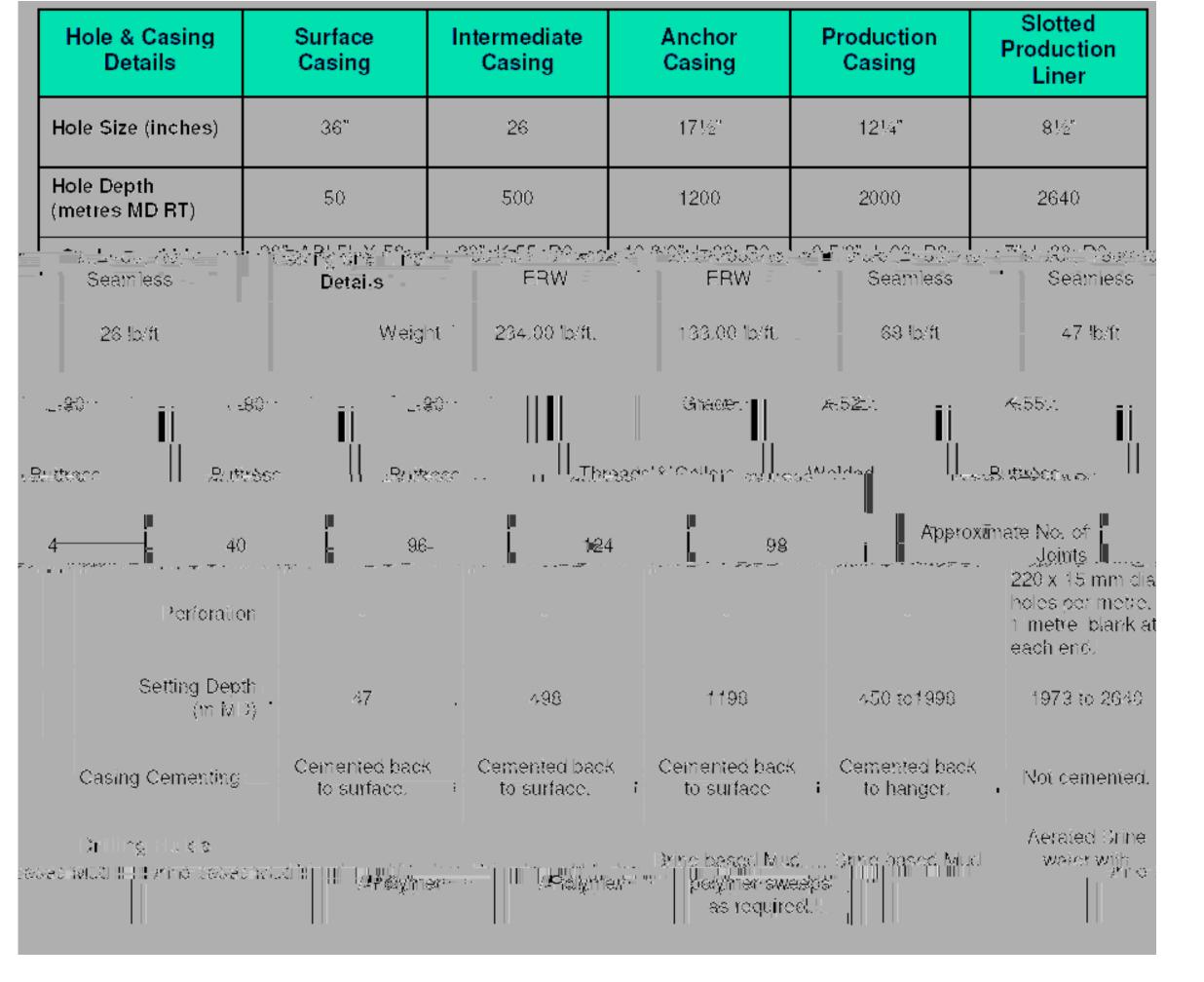
The wellheads are drilled adjacent to each other, then diverged such that the booms are about 1700m apart. The first and second wells were drilled ver cally to depths of 550m and 350m, respec vely, then direc onally kicked at 2° per 30m in opposite direc ons, to a final nominal inclination of 30°.

Drilling and comple on for the first well lasted 76 days, largely delayed due to slower than expected drilling rates and rig breakdowns, with a total cost of US\$8,282,661. Drilling and comple on for the second well lasted 50 days with a total cost of US\$6,818,441.

Preliminary es mates indicate a flowrate of 100 liters per second (about 55,000 barrels of water per day) with water temperature at the wellhead ranging from 90 to 95°C. Flow is from reservoir pressure.. Figures presented on this poster are for the first geothermal well only.



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The data presented on this posted is for demonstra on purposes only. The wells described herein are currently in the produc on tes ng phase. Once the resource has been successfully confirmed, data will be published for public use.

