

Diagram of water borehole

TEIFI VALLEY WATER WELLS Ltd
FFYNNON DWR DYFFRYN TEIFI

GWARCOED FARM

Maestir
Lampeter
Wales
SA48 7PA

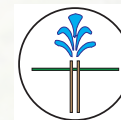
Phone: 01570 422 110
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email: info@teifiwells.co.uk
www.teifiwells.co.uk

Offering water source and heating solutions to Farmers, Rural Landowners, Rural Businesses and Communities...

We have over 30 years' experience in drilling boreholes for water and ground source heat, and can arrange for all external and internal installations...

We pride ourselves in the quality of our work and will be happy to arrange regular maintenance of our installations.

WATER DIVINING WATER BOREHOLES, PUMPS, GEOTHERMAL HEATING



TEIFI VALLEY WATER WELLS Ltd
FFYNNON DWR DYFFRYN TEIFI

*Sourcing Pure Water & Heat
from the Heart of Wales*



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Mobile: 07817 350 498

Your own Water Supply... and Groundsource Heating for your Home or Business...

Water supply



Water is obtained from 480 feet underground on a Welsh Hill Farm

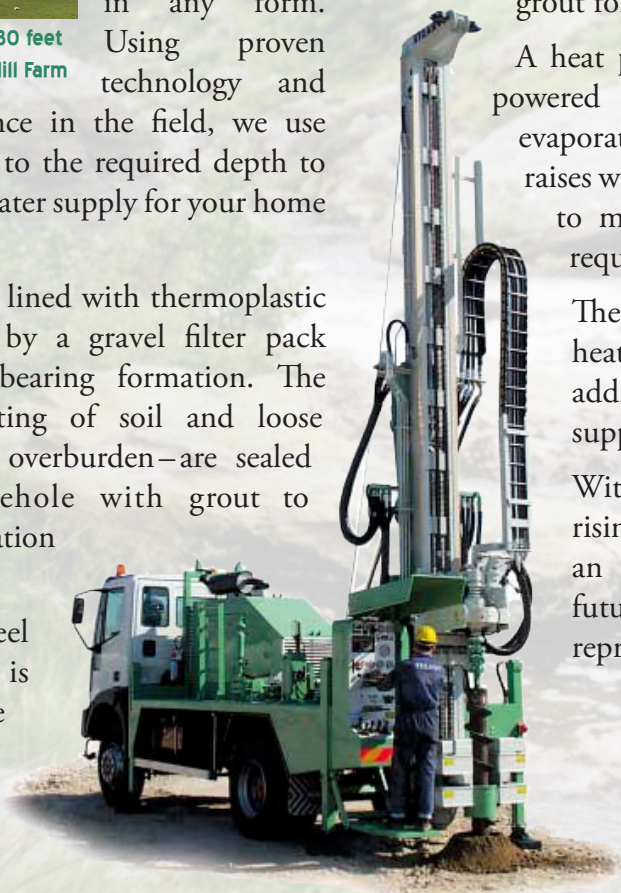
Pure water is the most precious liquid on our planet, essential to support life in any form.

Using proven technology and

many years experience in the field, we use a mobile rig to drill to the required depth to obtain an adequate water supply for your home or business.

The borehole is then lined with thermoplastic casing, surrounded by a gravel filter pack through the water-bearing formation. The upper levels consisting of soil and loose material—known as overburden—are sealed off from the borehole with grout to prevent contamination from surface water.

A stainless steel submersible pump is lowered into the hole which, coupled to a pressure tank or water storage tank, delivers water to your taps.



Geothermal heating

Low temperature heat from the natural environment—in this case the earth—is collected via a closed loop system, normally installed by our experienced engineers within vertical boreholes lined with heat conductive grout for optimum performance.

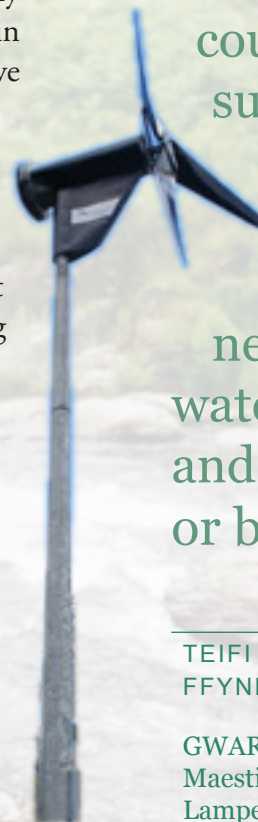
A heat pump linked to an electrically powered heat condensor within an evaporation and condensation cycle raises water temperature within the circuit to meet your hot water and heating requirements.

The system is suitable for underfloor heating, radiators or air fans in addition to providing a hot water supply.

With the cost of fossil fuels constantly rising, and global warming posing an ever increasing threat to our future, ground source heating must represent a sound investment.

Wind Power

With increasing energy costs, a wind turbine could complete your sustainable water and heating system by providing the electrical power needed to run your water and heat pumps, and light for your home or business!



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