

VERTICAL FLUID HEAT EXCHANGER INSTALLED WITHIN NATURAL THERMAL ENERGY BODY

ABSTRACT

5 The present invention relates to a vertical relay fluid storage barrel
installed with fluid inlet and fluid outlet for whole or in part placement
into natural thermal energy body in vertical or downward oblique manner,
wherein a thermal energy exchanger is installed inside the relay fluid
storage barrel temporarily storing thermal conductive fluid for external
10 flow, the thermal energy exchanger is installed with fluid piping for the
thermal conductive fluid passing through, to perform heat exchange with
the fluid in the relay fluid storage barrel, and the fluid in the relay fluid
storage barrel performs heat exchange with the natural thermal energy
body.

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Figure 29