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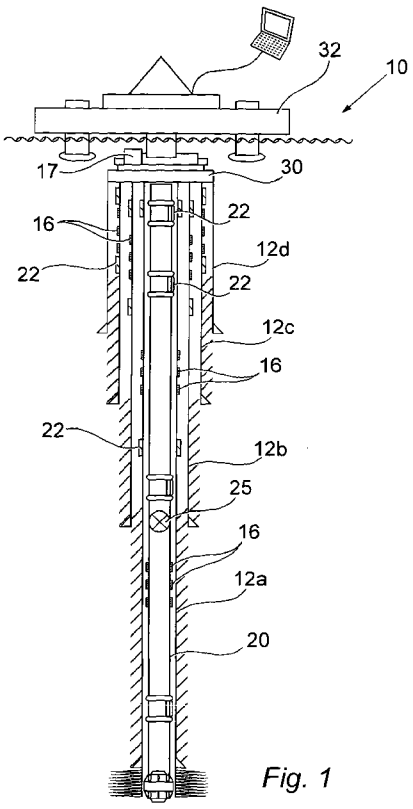

Fig. 1

(57) Abstract: A well comprising a borehole and wellhead apparatus, and a communication box at or proximate to the wellhead apparatus, the well comprising a plurality of sensors coupled to wireless transmitters which are adapted to transmit information from the sensors to the communication box; the sensors comprising at least one pressure sensor;and the well comprising a first memory device spaced apart from the communication box, the first memory device configured to store information from the sensors, wherein the communication box comprises a receiver adapted to receive signals from the transmitters, and at least one of a transmission device and a second memory device to transmit and/or store data received from the transmitters. The communication box is typically highly shock resistant (above 50Gs for at least 5ms, all axes) and so provides, together with other optional features, a system to monitor a well, especially before, during or after an emergency situation.

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