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(54) Title: HEAT HARDENING POLYMER FOR EXPANDABLE DOWNHOLE SEALS

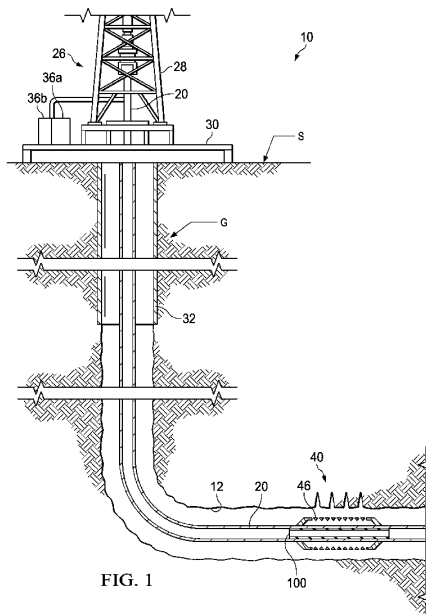


FIG. 1

(57) Abstract: An expandable, hardening seal for downhole use in a wellbore includes a heat-hardening material and a heat-stable material. The heat-hardening material has a stiffness that increases after exposure to a downhole temperature and the heat-stable material has a stiffness that does not increase or increases to a lesser degree than that the heat-hardening material at the downhole temperature.

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