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(54) **Title**: METHOD AND APPARATUS FOR CREATING AN ANNULAR BARRIER IN A SUBTERRANEAN WELLBORE

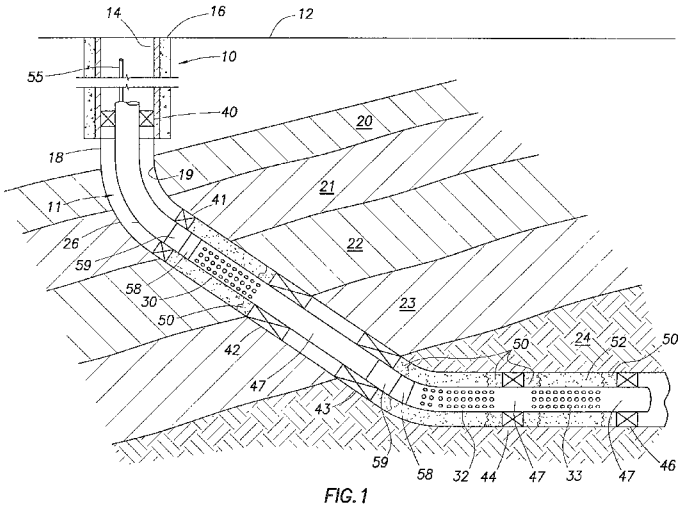

FIG. 1

(57) **Abstract**: Presented is a method of completing a subterranean well having an open wellbore extending through a subterranean formation having a target zone. In a preferred embodiment, a tubing assembly is placed in the wellbore, extending through the target zone. An annular space is defined between the outer surface of the tubing assembly and the wellbore wall. A gravel pack is placed in the annular space along at least a length of the target zone. Then an annular barrier forming material is flowed into the annular space along at least a length of the target zone. Then the annular barrier forming material is "set" to create an annular barrier in the annular space. The annular barrier forming material can be carried on the tubing assembly or pumped downhole. Flow restrictors, such as packers or a gravel pack, can be used to restrict flow of the annular barrier forming material to allow the material to set into an annular barrier.

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