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(54) Title: DEFORMABLE WELL SCREEN AND METHOD FOR ITS INSTALLATION

(57) Abstract

A deformable well screen for preventing migration of solid particles into a hydrocarbon production well comprises at least one substantially tubular filter layer of which the sieve opening size remains fairly constant or gradually changes in a predetermined and uniform manner during or after expansion and/or other deformation of the screen. Optionally the screen comprises a series of circumferentially scaled filter segments (4) that are arranged around an expandable slotted tube (3), an expandable slotted tube of which the slots are filled with resin coated granules, an expandable slotted tube with micro-slots, an assembly of woven metal wire screens that are sintered together and/or a synthetic geotextile.

