

Title (en)

DOWNHOLE OPERATIONS RELATING TO OPEN HOLE GRAVEL PACKS AND TOOLS FOR USE THEREIN

Title (de)

BOHRLOCHOPERATIONEN IM ZUSAMMENHANG MIT UNVERROHRTEN KIESPACKUNGEN UND WERKZEUGE ZUR VERWENDUNG DARIN

Title (fr)

OPÉRATIONS DE FOND DE TROU RELATIVES À DES MASSIFS DE GRAVIER EN TROU OUVERT ET OUTILS DESTINÉS À ÊTRE UTILISÉS AU COURS DE CELLES-CI

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Application

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Abstract (en)

[origin: WO2018033760A1] The present invention provides a method of sealing a region of a sand screen of an Open Hole Gravel Pack without the need to perforate the sand screen and a tool for use in such. The tool being a eutectic/ bismuth based alloy well plugging/sealing tool (1) having a tubular heater body (2) with an internal cavity (4) capable of receiving a chemical heat source (105). The tool is provided with a quantity of eutectic/ bismuth based alloy (3) around an outer surface of the heater body (2) such that it can be heated by the chemical heat source (105). In addition the tool (1) has an insulating sleeve (7) provided around an outer surface of the alloy (3), wherein the sleeve (7) is configured to provide a focused egress for the alloy (3) as it is melted by the chemical heat source (105).

IPC 8 full level

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