Title (en)

A DRILLING METHOD FOR MAINTAINING PRODUCTIVITY WHILE ELIMINATING PERFORATING AND GRAVEL PACKING

Title (de)

VERFAHREN ZUM BOHREN EINES PRODUKTIONBOHRLOCHES OHNE BOHRLOCHPERFORIEREN UND -PACKEN

Title (fr)

PROCEDE DE FORAGE PERMETTANT DE MAINTENIR LA PRODUCTIVITE TOUT EN ELIMINANT LA PERFORATION ET LE GRAVILLONNAGE DES CREPINES

Publication

EP 1461510 B1 20070418 (EN)

Application

EP 02797431 A 20021218

Priority

- US 0240696 W 20021218
- US 34177901 P 20011218

Abstract (en)

[origin: WO03052238A1] A method for well construction and completion is disclosed. First, a productive section of a well is drilled in the presence of a fluid system that controls fluid losses, is substantially non-damaging to the formation and includes particles in a particle size distribution sufficient to form a low permeability filter cake on a formation face and to allow the majority of the filter cake particles to flow back into the borehole after well completion. after drilling, a casing includes at least one and preferably a plurality of extendable permeable elements or member is run in the well so that the elements are positioned and aligned with sites in the producing formation and once extended form production conduits between the formation and an interior of the casing. A completed borehole is also disclosed including a casing having production conduits formed from the extendable members or elements.

IPC 8 full level

E21B 43/04 (2006.01); **E21B 43/08** (2006.01); **E21B 43/11** (2006.01)

CPC (source: EP US)

E21B 43/04 (2013.01 - EP US); **E21B 43/082** (2013.01 - EP US); **E21B 43/11** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03052238 A1 20030626; AT E360133 T1 20070515; AU 2002361794 A1 20030630; CA 2471261 A1 20030626; DE 60219689 D1 20070531; DE 60219689 T2 20080117; EP 1461510 A1 20040929; EP 1461510 B1 20070418; EP 1772589 A1 20070411; NO 20042783 L 20040827; US 2006108114 A1 20060525

DOCDB simple family (application)

US 0240696 W 20021218; AT 02797431 T 20021218; AU 2002361794 A 20021218; CA 2471261 A 20021218; DE 60219689 T 20021218; EP 02797431 A 20021218; EP 06021293 A 20021218; NO 20042783 A 20040701; US 49911204 A 20041222