

Title (en)

2d well testing with smart plug sensor

Title (de)

2D-Bohrlochprüfung mit Smart-Plug-Sensoren

Title (fr)

2ème test réussi pour les capteurs de fiches intelligentes

Publication

EP 1936113 B1 20091104 (EN)

Application

EP 06126833 A 20061221

Priority

EP 06126833 A 20061221

Abstract (en)

[origin: EP1936113A1] An apparatus for characterising the permeability of a formation surrounding a wellbore, comprising: a drillstem test (DST) tool comprising, a packer for isolating a zone of the wellbore, a valve for controlling fluid into and out of the zone via the drill string of the tool and, a pressure gauge for detecting the pressure in the zone; wherein the apparatus further comprises an array of at least two antennas arranged on the tool above the packer such that when in use each antenna of the array aligns with a corresponding pressure sensor placed in the formation to obtain pressure measurements and therefore allow horizontal and vertical permeability to be determined.

IPC 8 full level

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CPC (source: EP US)

E21B 47/13 (2020.05 - EP US); **E21B 47/14** (2013.01 - EP US); **E21B 49/008** (2013.01 - EP US)

Cited by

CN101963056A; CN110824580A; WO2024110292A1

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DOCDB simple family (publication)

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