Title (en)

METHOD, APPARATUS AND COMPUTER PROGRAM FOR DETERMINING PRODUCTION FROM EACH COMPLETION OF A GAS LIFTED DUAL COMPLETION WELL

Title (de)

VERFAHREN, VORRICHTUNG UND COMPUTERPROGRAMM ZUR BESTIMMUNG DER HERSTELLUNG VON DER JEWEILIGEN FERTIGSTELLUNG EINES AUS EINER DOPPELZONENFÖRDERSONDE ANGEHOBENEN GASES

Title (fr)

PROCÉDÉ, APPAREIL ET PROGRAMME INFORMATIQUE PERMETTANT DE DÉTERMINER LA PRODUCTION À PARTIR DE CHAQUE COMPLÉTION DE PUITS DE COMPLÉTION DOUBLE DE GAZ LEVÉ

Publication

EP 3085885 B1 20171101 (EN)

Application

EP 15164713 A 20150422

Priority

EP 15164713 A 20150422

Abstract (en)

[origin: EP3085885A1] Disclosed is a method and computer program for monitoring the production of hydrocarbons from a reservoir via a well comprising a dual completion, each completion producing from a different reservoir formation. The method comprises performing the following steps for each completion: obtaining first data describing a first relationship between production flow rate and pressure between a point within the relevant reservoir formation and the well bottom; obtaining plural sets of second data describing a second relationship between production flow rate and pressure between the well bottom and the wellhead for a plurality of nominal values for a gas lift parameter; using the first data and the second data to determine a third relationship between casing pressure parameter within the well and the gas lift parameter; using the determined third relationship and the assumption that the casing pressure parameter is the same for each completion to determine the gas lift parameter for the completion under consideration.

IPC 8 full level

E21B 43/12 (2006.01)

CPC (source: EP US)

E21B 43/122 (2013.01 - EP US); **E21B 47/06** (2013.01 - EP US)

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DOCDB simple family (publication)

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