

Title (en)
METHOD FOR OPTIMISING THE PRODUCTION OF A CLUSTER OF WELLS

Title (de)
VERFAHREN ZUR OPTIMIERUNG DER ERZEUGUNG EINER BOHRLOCHGRUPPE

Title (fr)
PROCÉDÉS POUR OPTIMISER LA PRODUCTION D'UN GROUPE DE PUIITS

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Abstract (en)
[origin: WO2007116008A1] The present invention relates to a method to optimise production of a cluster of wells on the basis of an estimation of the contributions of individual wells to the production of the cluster of wells, tailored to the particular constraints and requirements of the oil and gas production environment. The wells in the cluster may differ in terms of nature and flux of its effluents, and/or mode of operation, stimulation and/or manipulation. The wells may also produce from multiple subsurface zones or branches. The wellheads of the wells in the cluster may be located on land or offshore, above the surface of the sea or on the seabed. The method according to the invention may be used to generate one or more optimisation models, taking into account only significantly relevant well and production system characteristics and effects.

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