

Title (en)

METHOD AND SYSTEM FOR FIELD PLANNING

Title (de)

VERFAHREN UND SYSTEM ZUR FELDPLANUNG

Title (fr)

PROCÉDÉ ET SYSTÈME DE PLANIFICATION DE CHAMP

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2012115690A1] A method is presented for field planning. The method includes obtaining a shared earth model comprising the hydrocarbon field. The hydrocarbon field comprises an area of ground surface and a reservoir disposed beneath the area of ground surface. The method also includes obtaining a plurality of targets for the reservoir. Additionally, the method includes specifying one or more field planning parameters for accessing the plurality of targets from the surface. The method further includes determining a plurality of well site locations for an entirety of the hydrocarbon field using constraint optimization. The number of well site locations is minimized. The number of the plurality of targets accessible from the plurality of well site locations is maximized.

IPC 8 full level

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