

Title (en)

METHOD FOR INJECTING LOW SALINITY WATER

Title (de)

VERFAHREN ZUM INJIZIEREN VON WASSER MIT NIEDRIGEM SALZGEHALT

Title (fr)

PROCÉDÉ D'INJECTION D'EAU À FAIBLE SALINITÉ

Publication

EP 2710223 B1 20171108 (EN)

Application

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Priority

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Abstract (en)

[origin: WO2012156495A2] Methods, apparatuses and computer readable instructions for determining the effectiveness of, and for performing, a low salinity waterflood. An ion diffusion distance value is determined based on the rate of diffusion of ions within the rock of a reservoir and the residency time of floodwater within the reservoir. The thickness of the layers of the reservoir are compared to this ion diffusion value to determine the effectiveness of performing a low salinity waterflood and also to enable the effective control of a waterflood and to assist in the determination of locations of wells.

IPC 8 full level

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