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(54) Title: METHODS AND COMPOSITIONS FOR REDUCING THE PRODUCTION OF WATER AND STIMULATING HYDROCARBON PRODUCTION FROM A SUBTERRANEAN FORMATION

(57) Abstract: The present invention relates to subterranean treatment fluids, and more particularly, the present invention relates to subterranean treatment fluids comprising relative permeability modifiers and methods for using such subterranean treatment fluids in subterranean operations to reduce the production of water from and stimulate hydrocarbon production in a subterranean formation. In certain embodiments, the methods of the present invention generally comprise the steps of providing a permeability-modifying aqueous treatment fluid comprising a relative permeability modifier and contacting a subterranean formation with the permeability-modifying aqueous treatment fluid. Optionally, the permeability-modifying aqueous treatment fluid may be injected in the subterranean formation at a pressure sufficient to create or enhance at least one fracture therein. In another embodiment, the methods of the present invention further comprise the step of injecting an acidizing treatment into the subterranean formation. In another embodiment, the relative permeability modifier may be provided by appropriate reaction *in situ*.

WO 2005/071219 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	pages 2-5; claims 1-9; examples 1-11	1-186
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Y	page 1, lines 34-53; claims 1-8	1-186
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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