



US007947629B2

(12) **United States Patent**
Fuller

(10) **Patent No.:** **US 7,947,629 B2**
(45) **Date of Patent:** **May 24, 2011**

(54) **METHOD OF ACIDIZING SANDSTONE FORMATIONS**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 534 days.

(21) Appl. No.: **11/834,322**

(22) Filed: **Aug. 6, 2007**

(65) **Prior Publication Data**

US 2009/0042748 A1 Feb. 12, 2009

(51) **Int. Cl.**

C09K 8/60 (2006.01)

C09K 8/528 (2006.01)

C09K 8/74 (2006.01)

E21B 43/26 (2006.01)

E21B 43/16 (2006.01)

(52) **U.S. Cl.** **507/219; 507/224; 507/260; 507/267; 507/269; 166/205.1; 166/307**

(58) **Field of Classification Search** **507/219, 507/224, 260, 267, 269; 166/305.1, 307**

See application file for complete search history.

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(57) **ABSTRACT**

An acidizing fluid for sandstone formations is provided, along with methods of acidizing a sandstone formation penetrated by a wellbore. The aqueous acid treatment is a mixture of an aqueous liquid, a fluoride source, and an effective amount of at least one homopolymer or copolymer of a polycarboxylic acid, salt thereof or derivative thereof, which is introduced into the wellbore, and allowed to acidize the formation and concurrently inhibit calcium fluoride formation and impart calcium tolerance to the fluid.

14 Claims, No Drawings