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(54) Title: INHIBITION OF SILICA SCALE USING A CHELATING AGENT BLENDED WITH ACID AND ALKYLENE OXIDE
DERIVED POLYMER DISPERSANTS

(57) Abstract: A method of inhibiting silica and silicate scale formation via treating an aqueous system containing silica with an effective amount of a chelating agent blended with a polymeric dispersant in a weight ratio range from greater than 1.0:0.5 to less than 1.0:3.0, agent to dispersant, including blends in a weight ratio of 1:1. Specifically, the chelating agent is either EDTA or DTPA, while the polymer dispersant is an acid and alkylene oxide derived dispersant.



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