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(54) Title: SILICATE SHALE INHIBITOR ADDITIVES

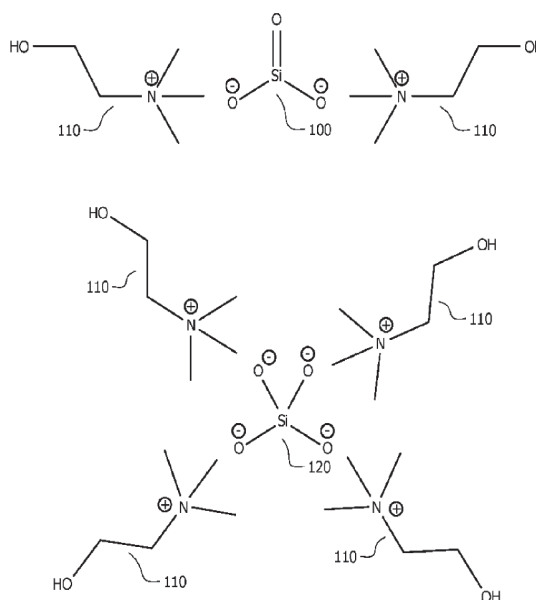


FIG. 1

(57) Abstract: Methods and compositions including silicate shale inhibitor additives. In some embodiments, the methods include introducing a shale inhibitor additive comprising a silicate anion and a quaternary ammonium cation into a treatment fluid; introducing the treatment fluid into a wellbore penetrating at least a portion of a subterranean formation that comprises shale; and allowing the shale inhibitor additive to interact with the shale in the subterranean formation to at least partially inhibit the shale.



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