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- (54) **Title:** CORROSION AND FOULING MITIGATION USING NON-PHOSPHORUS BASED ADDITIVES

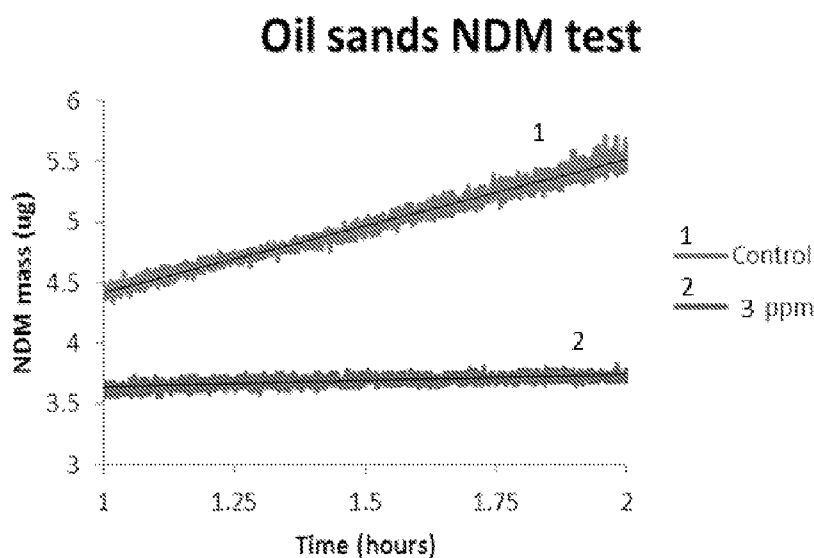


Figure 1

(57) **Abstract:** Water treatment compositions are provided that are effective for mitigating corrosion or fouling of surfaces in contact with aqueous systems. The water treatment compositions can include one or moreazole compounds, one or more transition metals, and one or more dispersants, in addition to various other additives. The water treatment compositions can exclude phosphorus and still be effective. Methods for mitigating corrosion or fouling of a surface in an aqueous system are also provided.