

بسم الله الرحمن الرحيم

Sudan University of Science and Technology

College Of Graduate Studies

**Analysis and Treatments of Heglig Oilfield Produced water for
Reuse in Water Base Fracturing Fluids**

تحليل ومعالجات المياه المنتجة من حقل هجليج النفطي لإعادة استخدامها في مياه التشقيق ذات
الاساس المائي

**A Thesis Submitted In Fulfillment for the Requirement of the Degree of Doctor of
Philosophy in Petroleum Production Engineering**

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