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## The Effect of DC Electrical Potential on Enhancing Sandstone Reservoir Permeability and Oil Recovery

B. Ghosh, E. W. Al Shalabi & M. Haroun Pages 2148-2159 | Received 06 Nov 2010, Accepted 24 Dec 2010, Published online: 20 Aug 2012

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configuration, formation of colloidal clay suspension and flowing out along with produced brine is evident. This has resulted in increased pore passage and core permeability, whereas in the reverse configuration, clay structures remained unchanged. The given explanations are supported by ICP-MS and X-ray diffraction results.

Keywords:





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