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Low salinity water flooding: MSc and BSc thesis problems

Injection of low salinity water has in the literature been reported to increase the oil recovery in some types of sandstone reservoirs.

Thesis problems

1. Recovery mechanisms

Important recovery mechanisms in low salinity water flooding of sandstone reservoirs will be described based on information in the literature.

Experiments will be carried out to establish new knowledge about the mechanisms.

The potential for low salinity water flooding and reservoir processes found to give similar recovery mechanisms will be evaluated for oil fields on the Norwegian Continental Shelf.

One student can work on this subject.

Contact

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