

عنوان مقاله:

(A review on using surfactant/emulsion analysis in enhanced oil recovery (EOR

محل انتشار:

سومین همایش بین المللی نفت، گاز، پتروشیمی و HSE (سال: 1397)

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خلاصه مقاله:

As human societies grown up and developing, the worldwide energy demand will be increased. This fact shows the vital requirement to increase the oil recovery from the reservoirs. When the reservoir passed out its natural production stage and the natural pressure of the reservoir fall, the new methods should be employed to increase the oil recovery from the reservoir. One of the most efficient methods for this purpose is the chemical processes which they are also economical most of the times. Surfactants are one of the most important chemicals which can be applicable in increasing the oil recovery from the reservoir. The surfactant has some different properties that lead to they have various applications. By analyzing these properties and optimizing them, a more efficient surfactant can be indicated in order to reach the best results.

کلمات کلیدی:

.EOR, chemical flooding, surfactant, emulsion, surfactant analysis

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