

عنوان مقاله:

review of low salt water injection in carbonate reservoirs to increase oil harvest

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خلاصه مقاله:

in general , fractured reservoirs are known as short - life reservoirs , high production flow rate and low end recovery factor . miscible and immiscible injection as eor methods in fractured reservoirs , due to its heterogeneous structure , has its own problems .oil and injected fluid have more tendency to produce via the mesh network and the oil in the matrix is not easily handled . this feature in fractured reservoir may cause the phenomenon of finger finger and separately motion of injected fluid from reservoir fluid due to differences in density . choosing the correct eor technique is crucial in achieving a high recovery . water or gas injection with different composition can be used as a eor method in a fractured reservoir . due to technical complexity as well as financial constraints on the way of gas or water injection projects , such projects need to be evaluated before any operation . in this paper , we evaluate low salt .water injection in carbonate reservoirs as a new method to increase oil recovery

کلمات کلیدی:

.Flooding of low-salt,water oil,overload ,carbonate,reservoirs wettability

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