

عنوان مقاله:

Pore Scale Experimental Investigation of Increasing the Efficiency of Miscible Injection of Normal Heptane and Gas
.Condensate in Heavy Oil Fractured Reservoirs Using Ultrasonic Wave Technology

محل انتشار:

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خلاصه مقاله:

In this work we investigated the effect of ultrasonic radiation on miscible injection process in fractured reservoirs and also we studied the effect of fractures orientation and length on front propagation and ultimate recovery of this process. The effect of the molecular weight of injected fluid is another subject that studied in this work. In conclusion ultrasonic waves in all of cases causes the increment in ultimate recovery, it also results that the greater molecular weight can be cause greater recovery.

کلمات کلیدی:

Miscible injection, Ultrasonic Radiation, fractured Reservoirs, Five Spot Micromodel

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