

عنوان مقاله:

Experimental Investigation of Forced Gravity Drainage in Fractured Porous Media

محل انتشار:

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خلاصه مقاله:

Many of oil reservoirs in Iran are in fractured reservoirs, so it is important to investigate the production mechanisms of these reservoirs. It is believed that Gas-Assisted Gravity Drainage is one of the most effective methods for oil recovery in the vertical displacement of oil by gas in NFRs. In this paper, an attempt to investigate the effect of gas injection rate on cumulative production and recovery factor in forced gravity drainage and free fall gravity drainage. Results showed that FFGD mechanism has achieved better performance compared to FGD process and by increasing the injection rate, the cumulative production and recovery decrease significantly.

کلمات کلیدی:

Fractured reservoirs, Gravity drainage, Recovery factor, Injection rate, Forced gravity drainage, Free fall gravity drainage

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