

عنوان مقاله:

Simulation of Immiscible Gas Injection in One of the Southwest Reservoirs in Iran, Under Different Production Scenarios and Sensitivity Measurement

محل انتشار:

دومین همایش ملی نفت، گاز و پتروشیمی (سال: 1391)

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خلاصه مقاله:

One of the methods enhanced oil recovery is gas injection, which is normally carried out by miscible and immiscible gas injection, which has been used for 22 years. For this purpose an amount of recovery factor, daily production rate, total oil production in different production scenario increase in injection rate (flow rate), increase in number of production wells, permeability, porosity, in comparison with natural depletion of reservoir was studied. Purpose of simulation was selecting the best scenario that increase in injection rate scenario amount of 20.1% recovery factor and Oil production rate 7873.5stb/day and total oil production amount to 2.569×10^8 , in comparison with other scenario .had higher amount, and was the best-selected scenario

کلمات کلیدی:

Simulation, Eclipse100, Flo grid, Recovery Factor, Injection Rate

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