

## عنوان مقاله:

EFFECTS OF GAS INJECTION TIME ON RESERVOIR RECOVERY FACTOR

## محل انتشار:

سومین کنفرانس بین المللی نفت، گاز و پتروشیمی (سال: 1394)

تعداد صفحات اصل مقاله: 16

## نویسندگان:

a samani nezhad - *Department of Petroleum Engineering, Islamic Azad University of Omidiyeh*

r roghanian - *Head Reservoirs Evaluation, National Company South Oil (NISOC)*

## خلاصه مقاله:

Nowadays oil and gas are the main source of fuel. Limitations in exploration and exploitation of these resources is a significant need for the development of productivity. The injection of gas into oil reservoirs has the capacity to create significant changes in the oil and gas basin. And it seems that gas injection to improve operating scale production parameters helps. Gas injection to increase oil recovery. But in the meantime little research on the optimal timing of gas injection into the reservoirs performance and check software is Eclipse E300. Therefore, in this research using E300 software optimization scenario time and over the life of the desired oil reservoir has been investigated. Order to achieve the target by using a software Experiment design to optimize the test of time injection reservoir with the optimum operating conditions are determined And then with another design the most optimal injection scenario .obtains

## کلمات کلیدی:

Gas injection, increase oil recovery, optimal timing of injection, experimental design, oil reservoirs

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/426046>

