

عنوان مقاله:

Polymer Analysis And Investigating The Importance Of Polymer Injection In Increasing Petroleum Harvest

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نویسندگان:

Milad Khanchupan - Department of chemical engineering, Imam Hossein University, Tehran, Iran

Shima Askari - Bachelor student of Chemical Engineering Quchan University of Technology

Mahdieh Hanzaeizadeh - Master of Physical Chemistry, Payam Noor Ardakan University

خلاصه مقاله:

At present, increasing the extraction from petroleum reservoirs in order to supply fuel is a major challenge in the petroleum industry. In this regard, various methods have been proposed; which can be operated in certain conditions. In recent years, special attention has been paid to the chemical methods of petroleum extraction. One of the most widely used chemical methods in the petroleum industry is the polymer injection method. With the increase in global energy demand and the decrease in conventional petroleum reserves, the importance of petroleum extraction processes has increased. The methods of increasing petroleum extraction can be divided into several different categories. Polymeric flooding is one of the techniques of increasing petroleum recovery, which is included in the category of chemical recovery processes. Polymer flooding is a method that can be used to better control mobility. In this method, water-soluble polymers are added to injection fluids to increase the viscosity of injection water or formation water. In this article, the mechanism of the polymer injection method and the factors affecting it will be discussed

کلمات کلیدی:

Harvest increase, polymer method, polymer injection, molecular weight

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