Optimal exploitation of underground oil and gas reserves requires maintaining high rates of oil production. The aim of this work is to study the importance of using the conventional fluid adding Methanol. This is why reservoir stimulation is necessary, particularly by hydraulic fracturing, with the aim of improving productivity or restoring the initial state of the rocks reservoirs, by creating a permeable drain extending as far as possible into the formation so as to facilitate the flow of fluid towards the ?.bottom of the well. Methanol have relatively low viscosities, which make them similar to linear gels