

Problem 5	Maintaining and increasing low reservoir pressure, below bubble point pressure
The essence of the problem	During production, reservoir pressure began to decrease as fluid withdrawal increased. The pressure decreased below the bubble point pressure of the oil with gas, which caused gas to be released from the oil in the reservoir, which increased the gas factor in the producing wells (increased unwanted gas production).
Technological parameters	It is necessary to increase formation pressure by injection of agents into the formation (gases, water). Initial reservoir pressure was about 300 atm, oil saturation pressure with gas is 200 atm, current reservoir pressure is 180 atm.
Scale of the problem	When the reservoir pressure decreased below the saturation pressure, gas started to be released and began to break through to the production wells, increasing the gas factor.