

Composition for restriction of the stratal water inflow to a well is used at oil extraction. This includes substance which in mixture with the stratal water forms a gel, where as gel-forming substances it includes black caustic sulfate with density $1,20-1,28 \text{ g/cm}^3$ and mineralized stratal water with density $1,05-1,20 \text{ g/cm}^3$ at the following component ratio, vol. %: black caustic sulfate 35-75, stratal water the rest. Technical result is in increase of efficiency of insulation of the water-bearing layer at increase of the plugging ability and strength of the gel formed under the stratal conditions.