

Method for mining carbonaceous rock solid masses to extract methane-gas mixture comprises drilling gas production wells from the surface into carbonaceous rock solid mass, casing them, perforating casing strings with isolation of each interval, creating a hydraulic fracturing and feeding propping material into formed channels and fractures. Based on preliminary geological exploration work in solid mass, underground block with a high concentration of methane in coal seams and interlayers, along with the overlying and underlying strata, is identified. A hypothetical square is delineated on the surface above the block, with wells drilled at its vertices and center along the height of the coal block. Next, hydraulic monitor is lowered into wells at the same level and used to create, starting from central well, hydraulic fracturing channels leading to other wells for the extraction of methane-gas mixture. Each subsequent square of wells is drilled so that it includes two wells from the previous one.