

OPTIMUM SEEKING AND DEVELOPMENT POTENTIAL OF COALBED METHANE DISTRICTS AND ZONES IN CHINA

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Following the dialectical thought of geological analysis through quantitative ordering to geological re-analysis, a new system of the method for the optimum seeking of potential coalbed methane districts and zones, called as “Progressive Key Factor Optimum Seeking” comprised of the progressive seeking and quantitative ordering, was suggested, and the relevant software system was established. In the system that has been successfully applied to the optimum seeking for the potential CBM-accumulating zones and districts in China, the limitation of the traditional method “comprehensive evaluating standards” was broken through, and the accuracy and reliability of the seeking results was heightened. The results shown that the best and good CBM zones in China occur respectively in the middle-western and southeastern parts of the North China and the western part of the South China, and that the most of the best and good CBM districts in China lie in the North China. Therefore, the exploration and development of the coalbed methane resources in China should be focused on the North China in future.