

<<天然气开采工程丛书>>

图书基本信息

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内容概要

In the aspects of natural gas production and utilization , China is the earliest one in the world. As early as the end of the Han Dynasty and the beginning of the Jin Dynasty (301 B. C.) , Producing gas to extract salt by heating has started and that some oldest methods in the world , such as drilling of Zhuotongjing (ver-tical borehole) , gas production by water withdrawal with Kanpen (a kind of basin covering over wellhead) , gas production test with Liangtongzi (bright tube) , well workover operation by Bugiang (repairing borehole ' s wall) , identifying fracture system by Xianhao (observing a marked gas production) and dividing the inter-connecting fracture system by Tongqiang (observing interwell communication) , has been initiated , which has become a magnificent page in world petroleum history and is also a valuable experience for developing shal-low fracture-pore type gas fields with low porosity , low permeability and bottom water. Before liberation , the gas production technique in our country stagnated , being in a very backward situation , and an industrial-scale exploration and development has started only after new China was founded. At present , the gas fields have increased from two (in old China) t0 116 and the annual gas production has increased by a big margin , be-coming an indispensable energy resources for the development of our national economy. Now a new progress has been made in onshore gas exploration and the offshore Ya 13 - 1 large gas field has been put in produc-tion , which creates a favourable conditions for quickning the development of gas industry during the “ 9th Five-Year Plan ” 。

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