<<油气勘探工程>>

图书基本信息

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内容概要

According to the 14th World Petroleum Conference , the ultimate conventional recoverable resources of oil and gas in the world are 311.3 billion tons and 32.8 billion m3 respectively. Also it is estimated by some experts that the resources can be used by human beings for 100 years or so. But all this does not indicate a optimistic explora-tion situation. It is showed by available data that the amount of discovered crude oil culminated between the middle fifties and the end of seventies , with an average of 5 billion tons a year , and reduced to 1.8 to 2.1 billion tons a year in the eighties and to only I.0 billion tons at the beginning of the nineties. Meanwhile , the production surpassed the discovered reserves in the same period greatly. Since the 1980's , the major discoveries were on offshore , in which the Asia-Pacific and South America regions , whose residual recoverable reserves amount for 20% of the world 's total amount , account for a certain proportion. The increase of reserve is mainly obtained by finding potential resources in established fields , Between 1985 and 1990 , the amount of newly found reserves , 8.9 billion tons , only amounts for 25% of total increased re-serves , 35.3 billion tons , of the world , while the other 75% of increased reserves is acquired through reevalu-ating the resources of former fields. All in a word the discovery of new reserves is becoming more difficult and petroleum exploration is facing a challenge.

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