

<<油气勘探工程>>

图书基本信息

书名：<<油气勘探工程>>

13位ISBN编号：9787502121709

10位ISBN编号：7502121706

出版时间：1997-09-01

出版时间：石油工业出版社

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页数：210

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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 exploration 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 1.0 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 reevaluating 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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