

<<中国油气区第三系>>

图书基本信息

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出版时间：叶得泉、Zhong Xiaochun、Yao Yimin、Yang Fan 石油工业出版社 (1997-05出版)

作者：叶得泉 等著

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内容概要

《中国油气区第三系（英文版）》主要包括：CHARACTERISTICS OF THE DISTRIBUTION OF TERTIARY IN CHINA AND GAS-BEARING REGIONS、TERTIARY BIOTAS OF CHINA AND GAS-BEARING REGIONS、APPLICATION OF SEISMIC STRATIGRAPHY, MAGNETOSTRATIGRAPHY ISOTOPE CHRONOSTRATIGRAPHY AND EVENT STRATIGRAPHY METHODS TO STRATIGRAPHIC CORRELATIONS、CORRELATIONS OF TERTIARY STRATA IN CHINA AND GAS-BEARING REGIONS TERTIARY PALAEOENVIRONMENT OF CHINA AND GAS-BEARING REGIONS等。

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版权页：插图：1.1.7 Northern South China Sea Shelf Oil and Gas-bearing Region This region mainly includes the Zhujiangkou (Pearl River Mouth), Beibuwan, Yinggehai and Southeastern Qiongya Basins in the Northern sea area of the South China Sea together with some other local areas of Hainan and Guangdong Provinces. In this region the Paleogene mainly belongs to continental deposits; the transgression began from Late Oligocene and became further expanded up to the Neogene. As a result, in this region the Neogene is mainly developed with marine deposits, which are extensively distributed, with a thickness of more than 3,500m. This region also represents a distributive area of variegated elastic rocks. The coast-line of Mainland China is as long as 18,000km, with an extremely vast expanse of territorial and neighbouring sea areas. Within the sea areas of Bohai, Huanghai, East China Sea and South China Sea, there are 16 depositional basins with developed Tertiary, mostly belonging to those of inheritance type and newborn type, with a total area attaining 1,955,500km<sup>2</sup>. It is doubtless, therefore, that there exist extremely broad prospects in the Tertiary oil and gas exploration over the sea areas of China. However, in the Xizang Region, the Tertiary is not very well-developed, and therefore exploration for oil and gas has not been carried out to a great extent therein. Accordingly, the Xizang Region is not included in the research Project on the Tertiary of China Oil and Gas-bearing Regions. In the Xizang Region, there are 18 Mesozoic and Cenozoic depositional basins, including 9 Tertiary basins of the newborn type, which are generally studied in a lower degree.

1.2 Dominance of Nonmarine Deposits, with a Variety of Deposition Types In China, the nonmarine Tertiary, with a great thickness, is extensively distributed all over the depositional basins of various genetic types throughout the country. As compared with marine deposits, the continental deposits obviously occupy a dominant position, while marine deposits are distributed within a relatively narrow scope.

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