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琼东南盆地长昌凹陷断裂带特征及其油气藏勘探意义

李才, 朱继田, 尤丽, 杨金海, 向良寸, 郑榕芬 ▾

Studies on the Characteristics of the Fault Belt in Changchang Sag and its Implication for the Oil and Gas Exploration

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PDF (PC)

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摘要/Abstract

摘要 :

结合琼东南盆地构造背景、构造解析及盆地动力学理论方法,对琼东南盆地长昌凹陷分带进行了断裂组合形态、构造样式及特点的详细研究,总结了三大断裂体系:西部右行张扭走滑断裂体系、东部伸展断裂体系、早—中中新世浅层小断裂体系,揭示了各断裂带构造样式及力学成因机制。并综合区域层序地层研究资料,提出了长昌凹陷张扭走滑形成的负花状断裂带及伸展背景下逆牵引构造带为2个有利的油气勘探领域。

关键词: 长昌凹陷, 断裂带特征, 成因机制研究, 有利勘探区带

Abstract:

A detailed study of fault combination of morphological, structural styles and characteristics on the zoning of Changchang Sag of Qiongdongnan Basin was carried out based on the regional structural background, structural analysis and basin dynamics theory methods. Three major fault systems were summarized, such as western dextral transtensional strike-slip fault system, eastern extensional fault system, and Early-Middle Miocene shallow and small fault system. It revealed the structural style and the mechanics mechanism of the fault zones. According to this, this study proposed two favorable exploration zones in Changchang Sag with the data of regional sequence stratigraphic, i.e., transtensional strike-slip negative flower fault belt and extensional reverse drag structure belt.

Key words: Changchang sag, Characteristic of fault belt, Study on genetic mechanism, More favorable exploration zones

中图分类号:

TE122.2

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