



### 论文摘要

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## 黄骅坳陷涧南潜山构造演化对层序样式的控制

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**摘要:** 研究涧南潜山构造演化对层序样式的控制作用, 运用平衡剖面解剖涧南潜山演化过程。研究表明: 涧南潜山演化过程可划分为早期的抬升发展、中期发展定型和后期衰退3个演化阶段, 与黄骅坳陷的构造演化基本同步; 在黄骅坳陷的裂陷I幕, 涧南潜山西南缘主体发育断裂陡坡带层序样式, 断层附近主要沉积扇三角洲体系, 在裂陷后期演化为挠曲缓坡层序样式; 而在潜山东南缘, 在裂陷早期发育平缓坡折带层序样式, 在裂陷后期发育断阶坡折带层序样式。层序样式的发育特征表明潜山西南缘向湖一侧为沙三段有利勘探区带, 浅层发育的挠曲坡折带附近为浅层有利勘探区带, 而潜山东南缘为断层-岩性圈闭的有利勘探区带。

**关键字:** 层序样式; 构造演化; 圈闭; 古近系; 涧南潜山

## Sequence pattern controlled by structural evolution of Jiannan buried-hill in Huanghua depression

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**Abstract:** The sequence pattern controlled by the structure evolution of Jiannan buried hill was analyzed. The balanced cross section was used to analyze the structural evolution of Jiannan buried-hill. The results show that the evolution can be divided into three stages: early uplift stage, medium-term development and stereotypes, and the decline stage. The process is the basic synchronization with the structural evolution of Huanghua depression. In the rift I period of Huanghua depression, there is the fault abrupt slope belt sequence pattern in the southwest boundary of Jiannan buried-hill. Fan-delta is mainly deposited near border fault. The fault abrupt slope belt sequence pattern gradually evolves to the flexure slop-break sequence pattern in the late rifting evolution. There is the gentle slope sequence pattern in the early rifting in the southeastern boundary of Jiannan buried hill. During the late rifting period, the step-fault slope sequence pattern is developed. The characteristics of sequence patterns predict that the southwest boundary of buried hill to the lake should be the beneficial exploration zone for the third member of Shahejie Formation, and the flexure slop-

break should be used as a favorable exploration area of shallow. The southeastern boundary of Jiannan buried hill should be used as the favorable exploration area of the fault-lithologic trap.

**Key words:**sequence pattern; structural evolution; trap; Paleogene; Jiannan buried-hill

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