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松辽盆地三肇凹陷葡萄花油层河控浅水三角洲沉积模式 [点此下载全文](#)

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摘要:

内容提要: 利用22口井的岩心资料和近4000口井的录井、测井及生产动态资料, 系统分析了三肇凹陷葡萄花油和沉积模式。研究揭示该三角洲体系骨架砂体为大量、密集(平均分布密度1.02/km)、窄的(多为200-300 m且水下延伸较远, 直至消失变成薄的席状砂, 河口坝砂体不发育且呈明显的河控性(位于水下分流河道两侧及前三肇凹陷葡萄花油层的沉积背景、沉积特征及沉积相类型等基础上, 建立了葡萄花油层的沉积模式——河控浅水了6种亚相区沉积模式, 即: 河控浅水三角洲前缘亚相外前缘区“浪控席状砂”模式、河控浅水三角洲前缘亚相末端河控席状砂”模式、河控浅水三角洲前缘亚相内前缘区“河控河口坝”模式、河控浅水三角洲前缘亚相内前缘区“河控河口坝”模式、河控浅水三角洲前缘-分流平原过渡区“近岸”模式和河控浅水三角洲分流平原亚相“河控带状体”模式。

关键词: [河控浅水三角洲](#) [沉积模式](#) [沉积特征](#) [分流河道](#) [三肇凹陷](#) [葡萄花油层](#)

Sedimentary mode of shallow lacustrine fluvial-dominated delta of Putaohua reservoirs in Sanzhao Sag, Songliao Basin [Download Fulltext](#)

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Abstract:

Abstract: Based on 22 well cores, 4000 logging data and initial potential data, sedimentary mode of shallow lacustrine fluvial-dominated delta of Putaohua reservoirs in Sanzhao Sag, Songliao Basin is studied. It is found that submerged distributary channel sandbodies as sand body framework of this delta system is abundant and continuous than original understanding and it extends to the far underwater, until disappearing. Debrauch bar sands is not well preserved and is fluvial-dominated. Based on understanding of sedimentary characteristics and sedimentary facies types of Putaohua reservoirs in Sanzhao Sag, a shallow lacustrine fluvial-dominated delta is established, and Sedimentary mode of six subfacies is further established. Lacustrine fluvial-dominated delta outer front is mode of tide-dominated sheet sand; Transition region outer front is mode of fluvial-dominated sheet sand; Inner front is mode of fluvial-dominated debouch dominated banding; Transition region of front distributary plain is mode of inshore; Delta distributary plain is mode of fluvial-dominated banding

Keywords: [shallow lacustrine fluvial-dominated delta](#) [sedimentary mode](#) [sedimentary characteristics](#) [channel](#) [Sanzhao Sag](#) [Putaohua reservoir](#)