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济阳拗陷岩性油气藏充満度大小及分布特征 [点此下载全文](#)

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摘要:

济阳拗陷岩性油气藏充満度统计结果表明: ①不同凹陷岩性油气藏充満度大小及分布特征不同, 东营凹陷岩性油气藏充満度从6.8%至94.1%均有分布, 平均为46.5%, 沾化凹陷的分布范围为7.4%~78%, 平均充満度为46.6%, 而车镇凹陷岩性油气藏充満度为5%~60%, 平均仅为19%。岩性油气藏主要分布在沙二段和沙三段, 其中沙三段的岩性油气藏平均充満度高, 另外不同构造带和不同沉积体系岩性油气藏充満度大小不同。②不同类型岩性油气藏充満度大小及分布特征亦存在着差异, 其中孤立砂体油藏的充満度绝大部分在40%以上, 总体大于断层侧向沟通砂体岩性油气藏的充満度。

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Oil-Gas Filling Degree and Distribution Characteristics of the Lithological Oil-Gas Reservoir in the Jiyang Depression [Download Fulltext](#)

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Abstract:

Statistical data of the oil-gas filling degree of the lithological oil-gas reservoirs (the ratio of the volume of the sand body filled by oil and/or gas to the volume of lithological oil-gas reservoir) in the Jiyang depression show the following two facts. (1) Oil-gas filling degrees of the lithological oil-gas reservoirs and their distribution characteristics are different in different sags. The oil-gas filling degree is between 6.8% and 94.1% with an average of 46.5% in the Dongying sag, between 7.4% and 78% with an average of 46.6% for the Zhanhua sag, and between 5% and 60% with the average being only 19% for the Chezheng sag. The lithological oil-gas reservoirs are mainly distributed in the third and second members of the Shahejie Formation and the average filling degree of the third member is higher than that of the second member. In addition, the filling degrees of the lithological oil-gas reservoirs are different in different structure zones and different sedimentary systems. (2) Oil-gas filling degrees of the lithological oil-gas reservoirs and their distribution characteristics are different in different types of lithological oil-gas reservoirs. The oil-gas filling degrees of the overwhelming majority of the isolated sand bodies are over 40%, which are generally larger than those of the sand bodies connected on the flanks of the faults.

Keywords: [lithological oil-gas reservoir](#) [oil-gas filling degree](#) [Jiyang Depression](#)

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