

Characteristics of mixed sedimentary reservoirs

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Mixed sedimentary rock is the rock composed of terrigenous clastics and carbonate components under mixed sedimentation. In a broad sense,it also includes the spatially alternating layers or intercalations of terrigenous clastic and carbonate components.Early studies mainly involve theoretical aspects.In recent years,significant breakthroughs on tight oil have been achieved in the mixed sedimentary reservoir of Williston basin and Junggar basin , making the mixed sedimentary reservoir body attractive.By comparing the mixed sedimentary reservoir scattering in different basins,characteristics of distribution,lithology,physical properties,and pore space types of this reservoir are illustrated.There are some methods applicable to the study of this reservoir and also some discussions about the future research prospects,all of which could help further understand tight oil&gas reservoir in our country.