

Petroleum Geoscience

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Cover image

The Chang 7-1 sandstone members of the Triassic Yanchang Group in the Longdong region of the SW Ordos Basin are typical ultra-low-permeability reservoirs which are studied in detail in Tan *et al.* (2017 *Petroleum Geoscience*, **23**, 454–465). This SEM image taken from a core sample in the Chang 7-1 section illustrates grain coating and pore-throat blockage by iron, calcite and dolomite cementation, which reduces both porosity and permeability.

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Petroleum Geoscience

Petroleum Geoscience transcends disciplinary boundaries and publishes a balanced mix of articles covering exploration, exploitation, appraisal, development and enhancement of sub-surface hydrocarbon resources and carbon repositories. The integration of disciplines in an applied context, whether for fluid production, carbon storage or related geoenery applications, is a particular strength of the journal. Articles on enhancing exploration efficiency, lowering technological and environmental risk, and improving hydrocarbon recovery communicate the latest developments in sub-surface geoscience to a wide readership.

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