

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.

Published by both The Geological Society of London and EAGE, *Petroleum Geoscience* is a peer-reviewed journal providing a multidisciplinary forum for those engaged in the science and technology of the rock-related sub-surface disciplines. The journal reaches some 8000 individual subscribers, and a further 1100 institutional subscriptions provide global access to readers including geologists, geophysicists, petroleum and reservoir engineers, petrophysicists and geochemists in both academia and industry. The journal aims to share knowledge of reservoir geoscience and to reflect the international nature of its development.

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