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The journal is abstracted and/or indexed in *Current Contents*, *Science Citation Index*, *GeoArchive*, *GeoRef*, *Geobase*, *Petroleum Abstracts*, *Geological Abstracts*, *Mineralogical Abstracts* and *Cambridge Scientific Abstracts*

Editor-in-Chief: **A G Doré**, StatoilHydro, USA, (email: AGDO@statoilhydro.com)

Co-Editors: **P A F Christie**, Schlumberger Cambridge Research, UK (email: pafc1@slb.com), **A J Fraser**, BP Exploration, Sunbury, UK (email: alastair.fraser@uk.bp.com) and **P F Worthington**, Gaffney, Cline and Associates, Singapore (email: pworthington@gaffney-cline.com)

Production Editor: **S Oberst**, Geological Society Publishing House, Bath (email: sally.oberst@geolsoc.org.uk)

To advertise in *Petroleum Geoscience* contact:

Nick Gaulton

Tel: +44 (0)117 904 1283

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DP Media, Suite 201, QC 30, 30 Queen Charlotte Street, Bristol BS1 4HJ

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Petroleum Geoscience (ISSN 1354-0793) is published in February, May, August and November by the Geological Society Publishing House for the Geological Society, London and the European Association of Geoscientists and Engineers – Petroleum Division.

Subscriptions (volume 15, 2009): The subscription rate is £305 (UK), £305/\$US610 (Europe & USA) and £350/\$US700 (rest of world) per volume, including postage and air-speeded delivery. Single issue price is £84 (UK), £84/\$US168.00 (Europe & USA) and £97/\$US195 (rest of world).

Trade subscriptions should be addressed to Journals Subscription Dept, Geological Society Publishing House, Unit 7, Brassmill Enterprise Centre, Bath BA1 3JN, UK (tel. +44(0) 1225 445046; fax +44 (0)1225 442836).

Periodical postage paid at Middlesex, N.J. *Postmaster:* send address changes to *Petroleum Geoscience*, The Geological Society, c/o Pronto Mailers, PO Box 177, Middlesex, NJ 08846.

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Cover illustration: A relay ramp is beautifully exposed in the aeolian rocks of the Jurassic San Rafael Group in Arches National Park, Utah. The exposure is part of an extensional fault system formed by the crestal collapse of the Salt Valley Anticline. These outcrops form the basis for analogue reservoir modelling and simulation of fluid flow through overlapping fault systems (see Rotevatn *et al.* pp. 45–58). Photography by Atle Rotevatn.