

Petroleum Geoscience

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CONTENTS – Volume 22, No 2

- Integration of Cretaceous Morro do Chaves rock properties (NE Brazil) with the Holocene Hamelin Coquina architecture (Shark Bay, Western Australia) to model effective permeability**
P W M Corbett, R Estrella, A M Rodriguez, A Shoeir, L Borghi & A C Tavares 105
- Fault linkage across weak layers during extension: an experimental approach with reference to the Hoop Fault Complex of the SW Barents Sea**
R H Gabrielsen, D Sokoutis, E Willingshofer & J I Faleide 123
- Variability and heterogeneity of the petrophysical properties of extensional carbonate fault rocks, Malta**
E A H Michie & T J Haines 136
- Petrophysical and numerical seismic modelling of CO₂ geological storage in the E6 structure, Baltic Sea, offshore Latvia**
K Shogenov, D Gei, E Forlin & A Shogenova 153
- Reservoir characterization using electrofacies analysis in the sandstone reservoir of the Norne Field (offshore Norway)**
G G Correia & D J Schiozer 165
- A workflow for vertical and horizontal near-wellbore permeability modelling in the McMurray Formation**
O Babak & J Resnick 177
- A measure of facies mixing in data upscaling to account for information loss in the estimation of petrophysical variables**
S Lajevardi & C V Deutsch 191
- Investigation of CO₂ storage in a saline formation with an angular unconformity at the caprock interface**
S M Shariatipour, G E Pickup & E J Mackay 203

Chief Editor:

P A F Christie, Schlumberger Gould Research, UK
(e-mail: paafc1@slb.com)

Co-Editors:

S Geiger, Heriot Watt University, Edinburgh, UK
(e-mail: s.geiger@hw.ac.uk)

B Levell, Oxford University, UK
(e-mail: Bruce.Levell@earth.ox.ac.uk)

P Ringrose, Statoil E & P, Norway
(e-mail: phiri@statoil.com)

G Yielding, Badley Geoscience Ltd, UK
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Production Editor:

S Oberst, Geological Society Publishing House, Bath
(e-mail: sally.oberst@geolsoc.org.uk)

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Ollie Kirkman
Tel: +44 (0) 1727 739193;
e-mail: ollie@centurypublishing.ltd.uk
Century One Publishing Ltd, Alban Row,
27–31 Verulam Road, St Albans AL3 4DG

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Cover image

Plaster-silicone polymer experiment from a series of experiments designed to investigate the mechanisms and dynamics of vertical and horizontal fault segment linkage in a mechanically stratified sediment sequence (see paper Gabrielsen *et al.* 2016, *Petroleum Geoscience*, **22**, 123–135). Note composite geometry of the master fault and the contrast in fault pattern between the two sand sequences separated by silicone polymer. This would be equivalent to sandstone layers in nature separated by salt or water-saturated mud.