

Badleys Key Publications

2007

DEE, YIELDING, FREEMAN, HEALY, KUSZNIR, GRANT & ELLIS. (In Press). *Elastic dislocation modelling for prediction of small-scale fault and fracture network characteristics*. In: *Fractured Reservoirs*. Geological Society Special Publication, 270.

PARKIN, LUNNON, WHITE, CHRISTIE & iSIMM TEAM. *Imaging the pulsing Iceland mantle plume through the Eocene*. *Geology*, 35/1, 93-96.

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SCOTCHMAN, MARAIS-GILCHRIST, GOMES de SOUZA, FONSECA CHAVES, ATTERTON, ROBERTS & KUSZNIR. *A Failed Sea-Floor Spreading Centre, Santos Basin, Brazil*. In: *Rio Oil & Gas Expo and Conference 2006 Annals*.

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BRETAN & YIELDING. 2005. *Using buoyancy pressure profiles to assess uncertainty in fault seal calibration*. In: Boulton & Kaldi (eds). *Evaluating fault and cap rock seals*. AAPG Hedberg Series, 2, 151-162

DEE, FREEMAN, YIELDING, ROBERTS & BRETAN. 2005. *Best practice in structural geological analysis*. *First Break*, 23, April.

KUSZNIR, HUNSDALE, ROBERTS & iSIMM Team. 2005. *Timing and Magnitude of Depth-dependent Lithosphere Stretching on the S. Lofoten and N. Vøring Continental Margins Offshore Mid-Norway: Implications for Subsidence and Hydrocarbon Maturation at Volcanic Rifted Margins*. In: *Petroleum Geology: North-West Europe & Global Perspectives*, Proceedings of the 6th Petroleum Geology Conference. 767-783.

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HEALY, YIELDING & KUSZNIR. 2004. *Fracture prediction for the 1980 El Asnam, Algeria earthquake via elastic dislocation modelling*. *Tectonics*, 23, TC6005.

HEALY, KUSZNIR & YIELDING, 2004. *An inverse method to derive fault slip and geometry from seismically observed vertical stratigraphic displacements using elastic dislocation theory*. *Marine & Petroleum Geology*, 21, 923-932.

KUSZNIR, HUNSDALE & ROBERTS. 2004. *Timing of depth-dependent lithosphere stretching on the South Lofoten rifted margin offshore mid-Norway: pre-breakup or post-breakup?* *Basin Research*, 16, 279-296.

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BRETAN, YIELDING & JONES. 2003. *Using calibrated shale gouge ratio to estimate hydrocarbon column heights*. *AAPG Bulletin*, 87, 3, 397-413.

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HARRIS, YIELDING, LEVINE, MAXWELL, ROSE & NELL. 2002. *Using Shale Gouge Ratio (SGR) to model faults as transmissibility barriers in reservoirs: an example from the Strathspey Field, North Sea*. *Petroleum Geoscience*, 8, 167-176.

WHITE, CHRISTIE, KUSZNIR, ROBERTS, DAVIES, HURST, LUNNON, PARKIN, ROBERTS, SMITH, SURENDRA & TYMMS. 2002. *iSIMM pushes frontiers of marine seismic acquisition*. *First Break*, 20, 12, 782-786.

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1997

- FRISTAD, GROTH, YIELDING & FREEMAN. 1997. *Quantitative Fault Seal Prediction - a case study from Oseberg Syd*. Hydrocarbon Seals, Importance for Exploration and Production, Norwegian Petroleum Society Special Publication No.7, 107-124.
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- YIELDING, FREEMAN & NEEDHAM. 1997. *Quantitative Fault Seal Prediction*. AAPG Bulletin, 81/6, 897-917.

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- ROBERTS, YIELDING, KUSZNIR, WALKER & DORN-LOPEZ. 1993. *Mesozoic extension in the North Sea: constraints from flexural backstripping, forward modelling and fault populations*. Petroleum Geology of Northwest Europe: Proceedings of the 4th Conference, Geological Society, London, 1123-1136.

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- YIELDING, BADLEY & ROBERTS. 1992. *The structural evolution of the Brent Province*. Geology of the Brent Group, Geological Society, London, Special Publication No. 61, 27-43.
- YIELDING & ROBERTS. 1992. *Footwall uplift during normal faulting - implications for structural geometries in the North Sea*. Structural and Tectonic Modelling and its Application to Petroleum Geology, Norwegian Petroleum Society (NPF) Special Publication No.1, p. 289-304.
- YIELDING, WALSH & WATTERSON. 1992. *The prediction of small-scale faulting in reservoirs*. First Break, 10/12, 449-460.

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