CONTENTS – Volume 15, No 4

Turning exploration risk into a carbon storage opportunity in the UK Southern North Sea
by J R Underhill, N Lykakis & S Shafique 291

Structure and composition of the ocean–continent transition at an obliquely divergent transform margin, Gulf of Guinea, West Africa
by J P Turner & P G Wilson 305

Flood basalt facies from borehole data: implications for prospectivity and volcanology in volcanic rifted margins
by C E Nelson, D A Jerram & R W Hobbs 313

Effects of depositional and diagenetic characteristics on carbonate reservoir quality: a case study from the South Pars gas field in the Persian Gulf
by B Esrafili-Dizaji & H Rahimpour-Bonab 325

An evaluation of relevant geological parameters for predicting the flow behaviour of channelized reservoirs
by G de Jager, J F M Van Doren, J D Jansen & S M Luthi 345

Textural and burial effects on rock physics characterization of chalks
by M R Saberi, T A Johansen & M R Talbot 355

On the determination of thermal conductivity of sedimentary rocks and the significance for basin temperature history
by W Fjeldskaar, O H J Christie, K Midtromme, G Virnovsky, N B Jensen, A Lohne, G I Eide & N Balling 367

Index 381