RESEARCH METHODS

How to interpret, understand, and predict stratal geometries using stratal-control spaces and stratal-control-space trajectories
Peter M. Burgess and Ron J. Steel

RESEARCH ARTICLES

Clay-coated sand grains in petroleum reservoirs: understanding their distribution via a modern analogue
Luke J. Wooldridge, Richard H. Worden, Joshua Griffiths, and James E.P. Utley

Silica diagenesis, porosity evolution, and mechanical behavior in siliceous mudstones, Mowry Shale (Cretaceous), Rocky Mountains, U.S.A.
Kitty L. Milliken and Terrilyn Olson

PERSPECTIVES

The maturity myth in sedimentology and provenance analysis
Eduardo Garzanti

RESEARCH ARTICLES

Heavy-mineral assemblages in sandstone intrusions: Panoche Giant Injection Complex, California, U.S.A.
Andrew Hurst, Andrew Morton, Anthony Scott, Mario Vigorito, and Dirk Frei

Chronostratigraphic correlation of lacustrine deposits using $^{87}\text{Sr}/^{86}\text{Sr}$ ratios, Eocene Green River Formation, Wyoming, U.S.A.
M’bark Baddouh, Alan R. Carroll, Stephen R. Meyers, Brian L. Beard, and Clark M. Johnson