

Table of Contents

Volume 10 Number 4

April 2019

The Fluid Identification Forward Modeling Study of Carbonate Cave Reservoir

X. M. Yang, Y. C. Wang, J. X. Wei, B. R. Di.....367

Hypothetical Physics and Chemistry of Volcanic Eruptions: The Doorway to Their Prediction

A. L. Gilat, S. C. Mavrodiev, A. Vol.....377

Fine Characterization Method for Interlayers in Complex Meander River Sandstone Reservoir: A Case Study of Um7 Sand of C Oilfield in Bohai Bay Area

J. M. Guo, W. Wang, J. Tan, Q. Peng, D. Zhang.....405

Determination of Hydrocarbon Potentials Using High Resolution Aeromagnetic Data over Sokoto Basin, Northwestern Nigeria

E. Kamureyina.....419

Modeling of Source Rocks in Moliqing Basin of Yitong Graben, Northeast China

O. K. Agbadze, J. R. Ye, Q. Cao, G. E. D. T. Bravo.....439

Overpressure Identification and Pressure Prediction in Yinggehai Basin

X. J. Chen.....454

The Great Gulf of Aqaba 1995 Earthquake Design Response Spectra over Sinai Peninsula and Some Jordanian Soils

M. A. Gamal, A. Abdelwahed.....463

Polarization Filtering Method for Suppressing Surface Wave in Time-Frequency Domain

X. M. Yang, Y. Gao, W. Z. Zhang, Y. C. Wang, M. H. Lan.....481

Geology, Mineralogy and Geochemistry of the Oligocene Oolitic Iron Ore of the Continental Terminal Formation, Kandi Basin, North-East Benin

A. K. I. Fatiou, M. Konaté, S. Yessoufou, C. L. A. Glodji, M. Heckmann, H. G. Saley.....491