

Table of Contents

Volume 5 Number 4

October 2020

**Soils Developed from Dolomitic Shale in the Yichang Area,
China and Adsorption Characteristics for Phenol**

M. Zou, L. C. Xie, Y. Liu, F. J. Guan, C. Han, K. L. Ding.....145

**Development and Performance Evaluation of a Deep
Water Synthetic Based Drilling Fluid System**

Z. W. Chen, Y. X. Lin, N. H. Dou, C. Xiao, H. A. Zhou, Y. Deng,
Y. Q. Zhou, S. Wang, D. C. Tan, H. Y. Long.....165

**Laboratory Research on the Performance of Fracturing Fluid System
for Unconventional Oil and Gas Reservoir Transformation**

J. Z. Xing, A. B. Wu, W. M. Shu, Y. Zhang, Y. L. Li, W. C. Yu.....176

**Experimental Investigation on Hydrothermal Reduction of Sulfates
to H₂S and Organic Sulfides by Ethene**

C. Han, K. L. Ding, Y. Liu, F. J. Guan, M. Zou, Z. Z. Yu, Y. Wu.....188

Structural Model of Kendeng Basin: A New Concept of Oil and Gas Exploration

A. Novianto, Sutanto, Suharsono, C. Prasetyadi, T. Setiawan.....200

**Correlation of Sillimanite & Kaliophilite Minerals, TOC, Ro, and MBT from Drill Cutting
of Well BS-03 in the Development of Shale Hydrocarbon, Brownshale Formation,
Bengkalis Trough, Central Sumatra Basin, Indonesia**

A. Buntoro, M. Nurcholis, B. Rahmad, A. H. Lukmana.....216