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- Productivity Prediction Method of Carbonate Reservoir Based on Micro-resistivity Imaging Logging LI Xiaohui, ZHANG Mo (792)
- Comprehensive Evaluation Methodology Based on Imaging Log & Fracturing Test Data and Productivity Prediction LI Geli (796)
- Modified Permeability Model Based on Flow Units LIAO Dongliang, WU Haiyan (802)
- Bullet-like Secondary Explosive Perforation Technology YU Kaixun (807)