

# 目次

石油勘探与开发

第38卷 第3期

2011年6月

## 油气勘探

- 四川盆地东部黄龙组古岩溶特征与储集层分布.....张兵, 郑荣才, 王绪本, 等 257
- 川中地区磨溪气田嘉二段砂屑云岩储集层成因.....谭秀成, 罗冰, 李卓沛, 等 268
- 孔隙型碳酸盐岩储集层特征及主控因素——以川西南嘉陵江组嘉二段为例.....刘宏, 谭秀成, 李凌, 等 275
- 背斜构造不同部位储集层物性差异——以库车坳陷克拉2气田为例.....韩登林, 李忠, 寿建峰 282
- 塔里木盆地深层碳酸盐岩中有机质特征.....周世新, 宋振响, 王保忠, 等 287
- 鄂尔多斯麻黄山西区中生界过剩压力与油气关系.....李兴文, 李仲东, 过敏, 等 294
- 鄂尔多斯盆地镇北油田延长组石油运聚机理.....王学军, 王志欣, 陈杰, 等 299
- 渤海南部黄河口凹陷晚期成藏特征及富集模式.....孙和风, 周心怀, 彭文绪, 等 307
- 歧北凹陷古近系构造坡折带对圈闭的控制作用.....向雪梅, 王华, 王家豪, 等 314
- 海拉尔盆地呼和湖凹陷白垩系地震相.....陈学海, 卢双舫, 薛海涛, 等 321
- Java测井平台高效数据操作缓存设计与实现.....刘英明, 李宁, 夏守姬, 等 328

## 油气田开发

- 水平井置胶成坝深部液流转向物理模拟.....刘玉章, 吕静, 王家祿, 等 332
- 微尺度下的非线性渗流特征.....李洋, 雷群, 刘先贵, 等 336
- 低含油饱和度油藏开发特征.....刘柏林, 王友启 341
- 基于领域驱动数据挖掘技术定量描述油层水淹级别.....李雄炎, 李洪奇, 周金煜, 等 345

## 石油工程

- 塔里木油田油水井套损规律及对策.....王陶, 杨胜来, 朱卫红, 等 352
- 地层水侵入对超临界CO<sub>2</sub>钻井筒温度和压力的影响.....王海柱, 沈忠厚, 李根生 362

## 综合研究

- 环保型钻井液体系.....谢水祥, 蒋官澄, 陈勉, 等 369

## 学术讨论

- 饱和和压力法确定成藏期问题探讨.....包友书, 蒋有泉, 张林晔, 等 379

## 简讯

《非常规油气地质》出版发行(267); 中国石油新一代测井软件CIFLog(281); 《石油勘探与开发》2011年第4期部分文章预告(286); 关于论文征集、刊物征订及广告代理的声明(320)

# SHIYOU KANTAN YU KAIFA

(Petroleum Exploration and Development)

Vol.38 No.3 Jun. 2011

## CONTENTS

### PETROLEUM EXPLORATION

- Paleokarst and reservoirs of the Huanglong Formation in eastern Sichuan Basin  
.....Zhang Bing, Zheng Rongcai, et al. (257)
- Jia-2 Member dolarenite reservoir in the Moxi gas field, middle Sichuan Basin  
.....Tan Xiucheng, Luo Bing, et al. (268)
- Characteristics and main controlling factors of porous carbonate reservoirs: A case from the Jia 5 Member of the Jialingjiang Formation, southwest Sichuan Basin  
.....Liu Hong, Tan Xiucheng, et al. (275)
- Reservoir property difference between structural positions in the anticline: A case study from Kela-2 gas field in the Kuqa Depression, Tarim Basin, NW China  
.....Han Denglin, Li Zhong, et al. (282)
- Organic matter in deep carbonate rocks of the Tarim Basin, NW China  
.....Zhou Shixin, Song Zhenxiang, et al. (287)
- Relations of overpressure and hydrocarbons in the Mesozoic of western Mahuangshan, Ordos Basin  
.....Li Xingwen, Li Zhongdong, et al. (294)
- Petroleum migration and accumulation of the Yanchang Formation in the Zhenbei Oilfield, Ordos Basin  
.....Wang Xuejun, Wang Zhixin, et al. (299)
- Late-stage hydrocarbon accumulation and enrichment in the Huanghekou Sag, southern Bohai Sea  
.....Sun Hefeng, Zhou Xinhui, et al. (307)
- Control of Paleogene structural slope-break on non-structural traps in the Qibei Sag, Bohai Bay Basin  
.....Xiang Xuemei, Wang Hua, et al. (314)
- Seismic facies of the Cretaceous in the Huhehu Depression, Hailar Basin  
.....Chen Xuehai, Lu Shuangfang, et al. (321)
- Design and realization of the high-efficiency data operation cache on the Java well logging software platform  
.....Liu Yingming, Li Ning, et al. (328)

### OIL AND GAS FIELD DEVELOPMENT

- Physical modeling of in-depth fluid diversion by "gel dam" placed with horizontal well  
.....Liu Yuzhang, Lü Jing, et al. (332)
- Characteristics of micro scale nonlinear filtration  
.....Li Yang, Lei Qun, et al. (336)
- Development characteristics of low oil saturation reservoirs  
.....Liu Bolin, Wang Youqi (341)
- Identifying water flooded layers based on the domain-driven data mining technique  
.....Li Xiongyan, Li Hongqi, et al. (345)

### PETROLEUM ENGINEERING

- Law and countermeasures for the casing damage of oil production wells and water injection wells in Tarim Oilfield  
.....Wang Tao, Yang Shenglai, et al. (352)
- Influences of formation water invasion on the well bore temperature and pressure in supercritical CO<sub>2</sub> drilling  
.....Wang Haizhu, Shen Zhonghou, et al. (362)

### COMPREHENSIVE RESEARCH

- An environment friendly drilling fluid system  
.....Xie Shuixiang, Jiang Guancheng, et al. (369)

### ACADEMIC DISCUSSION

- Conditions for the saturation pressure method in identifying oil accumulation periods  
.....Bao Youshu, Jiang Youlu, et al. (379)