

# 油气藏评价与开发

## 目次

CONTENTS

第14卷 第5期 2024年10月

### 01 专家论坛

鄂尔多斯盆地西南缘断缝体油藏开发特征与潜力  
何发岐,李俊鹿,高一龙,吴锦伟,白兴盈,高 盾

667

### 02 油气勘探

陆相咸化湖盆“低TOC”烃源岩高生烃效率探讨——以苏北盆地溱潼凹陷阜宁组二段泥页岩为例  
高玉巧,何希鹏,程 熊,唐 玄,花彩霞,管 灵,张培先,陈学武,庞伊伟

678

溱潼凹陷阜宁组二段泥页岩含油性及页岩油富集层段分布  
余文端,高玉巧,管 灵,马晓东,余麒麟,李志鹏,张枝焕

688

基于常规测井曲线的页岩岩相识别与应用——以苏北盆地溱潼凹陷阜宁组二段为例  
王心乾,余文端,马晓东,周 韬,邵 浩,崔钦宇,邓 空,陆永潮,刘占红

699

高邮凹陷花庄地区页岩油二维核磁测井评价应用  
张 菲,李秋政,蒋阿明,邓 辞

707

砂岩夹层储层分级评价及展布特征——以松辽盆地长岭凹陷大情字井地区青山口组一段为例  
肖佃师,郭雪焱,王 猛,邢济麟,王 民,汪 睿,郑乐华,关小蝶

714

### 03 油气开发

致密油藏大排量注水吞吐技术及参数优化研究  
张 益,宁崇如,陈亚舟,姬玉龙,赵立阳,王爱方,黄晶晶,于凯怡

727

基于EDFM的页岩油水平井注水吞吐优化研究  
曹小朋,刘海成,李忠新,陈先超,江朋宇,樊 浩

734

### 04 工程技术

页岩油蓄能体积压裂开发效果预测与评价方法  
许 宁,陈哲伟,许琬晨,王 玲,崔晓磊,蒋美忠,战常武

741

页岩油体积压裂后合理焖井时间模拟研究  
廖 凯,张士诚,谢勃勃

749

页岩油储层压裂液渗吸驱油机理研究  
刘绪钢,李国锋,李 雷,王锐霞,方彦明

756

页岩油水平井产量影响因素分析及压裂参数优化决策  
刘 巍,曹小朋,胡慧芳,程紫燕,卜亚辉

764

页岩油用压驱一体剂的研制及性能评价——以苏北盆地阜宁组二段为例  
王维恒,郭 鑫,张 斌,夏巍巍

771

### 05 综合研究

油田三维地质多级建模策略与方法——以渤海湾盆地整装孤岛油田为例  
束青林,王亚楠,韩智颖,姚秀田,夏 建,陈雨茂,李伟忠

779

储气库多周期运行井控参数预测模型  
张思远,杨佳坤,宋丽娜,周栋梁,胡 俊,许 锋,施玉霞,胥洪成,裴 根,范家屹

788

复杂地质条件储气库多因素库容复核新方法  
胡 俊,杨佳坤,胥洪成,周栋梁,许 锋,施玉霞,张思远,宋丽娜,裴 根,范家屹

795

苏北盆地刘庄储气库密封性评价研究  
朱子恒,任众鑫,王照周,郭尚涛,王朝国,柳誉剑,杨 涛,魏 兵

805

缝洞型碳酸盐岩储气库地应力变化特征及力学完整性研究  
郑 鑫,赵昱超,赵梓寒,唐慧莹,赵玉龙

814

期刊基本参数:CN32-1825/TE \* 2011 \* b \* A4 \* 158 \* zh \* P \* ¥40.00\*500\*18\*2024-10

## CONTENTS

### Specialist Forum

- Development characteristics and potential of fault–fracture reservoir in southwest margin of Ordos Basin  
HE Faqi, LI Junlu, GAO Yilong, WU Jinwei, BAI Xingying, GAO Dun 667

### Oil and Gas Exploration

- Discussion on high hydrocarbon generation efficiency of saline lacustrine source rocks with low TOC: A case study of the second member of Funing Formation, Qintong Sag, Subei Basin  
GAO Yuqiao, HE Xipeng, CHENG Xiong, TANG Xuan, HUA Caixia, ZAN Ling, ZHANG Peixian, CHEN Xuewu, PANG Yiwei 678
- Distribution of oil bearing and shale oil–rich strata in the second member of Funing Formation in Qintong Sag  
YU Wenduan, GAO Yuqiao, ZAN Ling, MA Xiaodong, YU Qilin, LI Zhipeng, ZHANG Zhihuan 688
- Identification and application of shale lithofacies based on conventional logging curves: A case study of the second member of Funing Formation in Qintong Sag, Subei Basin  
WANG Xinqian, YU Wenduan, MA Xiaodong, ZHOU Tao, TAI Hao, CUI Qinyu, DENG Kong, LU Yongchao, LIU Zhanhong 699
- Application of shale oil 2D NMR logging evaluation in Huazhuang area of Gaoyou Sag  
ZHANG Fei, LI Qiuzheng, JIANG Aming, DENG Ci 707
- Classification evaluation and distribution characteristics of sandstone interlayer reservoirs: A case study of the first member of Qingshankou Formation in Daqingzijing area, Changling Sag, Songliao Basin  
XIAO Dianshi, GUO Xueyi, WANG Meng, XING Jilin, WANG Min, WANG Rui, ZHENG Lehua, GUAN Xiaodie 714

### Oil and Gas Development

- Huff–n–puff technology and parameter optimization of large displacement water injection in tight oil reservoir  
ZHANG Yi, NING Chongru, CHEN Yazhou, JI Yulong, ZHAO Liyang, WANG Aifang, HUANG Jingjing, YU Kaiyi 727
- Optimization of huff–n–puff in shale oil horizontal wells based on EDFM  
CAO Xiaopeng, LIU Haicheng, LI Zhongxin, CHEN Xianchao, JIANG Pengyu, FAN Hao 734

### Engineering Process

- Prediction and evaluation method for development effect of shale oil storage volume fracturing  
XU Ning, CHEN Zhewei, XU Wanchen, WANG Ling, CUI Xiaolei, JIANG Meizhong, ZHAN Changwu 741
- Simulation of reasonable shut–in time for shale oil after volume fracturing  
LIAO Kai, ZHANG Shicheng, XIE Bobo 749
- Imbibition displacement mechanism of fracturing fluid in shale oil reservoir  
LIU Xugang, LI Guofeng, LI Lei, WANG Ruixia, FANG Yanming 756
- Production influencing factors analysis and fracturing parameters optimization of shale oil horizontal wells  
LIU Wei, CAO Xiaopeng, HU Huifang, CHENG Ziyang, BU Yahui 764
- Development and performance evaluation of fracturing–displacement agent (HDFD) for shale oil: A case study of the second member of Funing Formation, Subei Basin  
WANG Weiheng, GUO Xin, ZHANG Bin, XIA Weiwei 771

### Comprehensive Research

- Strategies and methods of 3D geological multi–level modeling for oilfields: A case study of an integrated oilfield, Gudao Oilfield, in Bohaiwan Basin  
SHU Qinglin, WANG Yanan, HAN Zhiying, YAO Xiutian, XIA Jian, CHEN Yumao, LI Weizhong 779
- Well control diagnosis model of underground gas storage in multi–cycle operation  
ZHANG Siyuan, YANG Jiakun, SONG Lina, ZHOU Dongliang, HU Jun, XU Feng, SHI Yuxia, XU Hongcheng, PEI Gen, FAN Jiayi 788
- A new method for multi–factor capacity review of underground gas storage under complex geological conditions  
HU Jun, YANG Jiakun, XU Hongcheng, ZHOU Dongliang, XU Feng, SHI Yuxia, ZHANG Siyuan, SONG Lina, PEI Gen, FAN Jiayi 795
- Sealing evaluation of Liuzhuang UGS in Subei Basin  
ZHU Ziheng, REN Zhongxin, WANG Zhaozhou, GUO Shangtao, WANG Chaoguo, LIU Yujian, YANG Tao, WEI Bing 805
- Mechanism investigation on in–situ stress characteristics and mechanical integrity of fracture–cavity carbonate underground gas storage reservoir  
ZHENG Xin, ZHAO Yuchao, ZHAO Zihan, TANG Huiying, ZHAO Yulong 814