

CSCD来源期刊(C库)

中文核心期刊

中国科技核心期刊

RCCSE中国核心学术期刊

北方期刊优秀奖

辽宁省优秀期刊一等奖

俄罗斯《文摘杂志》(AJ)收录

英国《科学文摘》(SA)收录

美国《石油文摘》(PA)收录

美国《化学文摘》(CA)收录

美国《剑桥科学文摘》(CSA)收录

万方数据库收录

ISSN 1006-6535

CN 21-1357/TE



特种油气藏

TEZHONG YOUQICANG
SPECIAL OIL & GAS RESERVOIRS

NO. 1 2020



ISSN 1006-6535



02>

9 771006 653200

第27卷 第1期 Vol.27 No.1

主管: 中国石油天然气集团有限公司

主办: 中国石油天然气股份有限公司辽河油田分公司

万方数据

特种油气藏

1994年创刊(双月刊)
第27卷 第1期 总第138期
2020年2月25日出版

编委会主任 万军

主编 李晓光
副主编 武毅 胡英杰 王威

目次

地质勘探

- 辽河断陷连续型油气聚集特征及聚集模式研究 李晓光,刘兴周(1)
渤海湾盆地缓坡外带成藏特征与勘探潜力分析
..... 汪少勇,黄福喜,宋涛,吕维宁,刘策,贾鹏,范晶晶(9)
开江—梁平海槽西侧飞仙关组不同类型鲕滩储层特征及其控制因素研究
..... 蒋裕强,邓虹兵,易娟子,干华文,张晶晶,蒋增政(17)
泌阳凹陷地层压力成因机制与预测方法
..... 张永华,陈祥,张悦,杜伟,赵雨晴(25)
渤南洼陷古近系—新近系砂岩储层地层水特征及成因演化过程
..... 安天下(30)
牛庄洼陷砂岩透镜体成藏关键因素与富集条件研究
..... 刘明洁,季永承,刘震,张旺,渠芳(40)
新疆三塘湖盆地低煤阶煤层气成因探讨
..... 吴斌,周龙刚,潘新志,张耀选,杜世涛(47)
远源水下扇内部夹层识别与展布规律研究
..... 巩强,李胜利,刘圣,王珏,黄晓娣(55)
黔北地区下寒武统牛蹄塘组页岩特征研究
..... 宁凡,邹妞妞,张大权,王甘露,牟雨亮(62)
塔里木盆地顺北5断裂带储集体地震反射与产能特征分析
..... 瞿长,赵锐,李慧莉,孔强夫,邓尚(68)
JZ气田湖底扇岩性砂体沉积模式研究与应用
..... 文佳涛,吕坐彬,韩雪芳,房娜,严皓(75)

油藏工程

- 川西窄河道致密砂岩气藏井型井网设计
..... 刘成川,杨建,卜淘,曹廷宽,王勇飞(82)
考虑变启动压力和压敏效应的蒸汽吞吐产能计算新方法 --- 张宇,李承龙(89)
缝洞型火成岩油藏注水提高采收率研究
..... 卢异,夏国朝,吕栋梁,成亚斌,宋舜尧,何江,王延奇(96)
一种改进的乙型水驱特征曲线研究及应用
..... 谷建伟,任燕龙,张以根,崔文富(102)
高温高压气藏应力敏感表征及矿场应用
..... 鲁瑞彬,胡琳,王雯娟,杨柳,张骞(108)
聚合物驱油体系高效络合剂研究
..... 吴鹏,宋考平,张跃,蒋莹,牛玉萍(114)
基于流固耦合的变质岩潜山裂缝型凝析气藏数值模拟研究
..... 高振南,耿志刚,张凤义,余元洲,吴婷婷(121)
海上油田储采比变化规律研究 --- 姚靖婕,李彦来,闫建丽,王欣然,李展峰(129)
页岩气低速渗流特征分析及影响因素研究
..... 王程伟,李蕾,苏玉亮,曾旭智,盛广龙,郝永卯(136)
大庆西部斜坡稠油地层流动性影响因素实验研究
..... 钟立国,刘冰岩,李大勇,张海龙,林庆祥,文强(142)
渤海S油田化学驱驱油体系渗流机理及提高采收率特性
..... 兰夕堂,赵文森,刘长龙,张璐,符扬洋(148)

钻采工程

- 裂缝性碳酸盐岩微细观组构及力学性能研究
..... 刘厚彬,崔帅,孟英峰,邓虎,韩旭(155)
超临界二氧化碳+水交替驱注入井极限关井时间计算
..... 白玉杰,曹广胜,侯玉花,杜童,王哲,杨婷媛(162)
应急放喷工况井下管柱冲蚀行为研究
..... 樊艳芳,李少安,曾德智,刘冰,张恩搏(169)

期刊基本参数:CN21-1357/TE*1994*b*A4*176*zh*P*¥26.00*2000*25*2020-2

主管单位 中国石油天然气集团有限公司
主办单位 中国石油辽河油田分公司
承办单位 辽河油田分公司勘探开发研究院
编辑出版 《特种油气藏》编辑部
印刷 辽河石油报印刷厂
发行范围 国内外公开发行
国内发行 辽宁省盘锦市邮政局 邮发代号:8-173
国外发行 中国国际图书贸易总公司
(北京399信箱) 国外代号:BM1504
地址 辽宁省盘锦市辽河油田分公司
勘探开发研究院
电话 0427-7823579;0427-7820262
邮编 124010
投稿网址 www.sogr.com.cn
中国标准连 ISSN 1006-6535
续出版物号 CN 21-1357/TE
广告许可 证号 211100100026
定价 26.00元/册
责任编辑 孟凡勤 技术编辑 王嘉晨
彩页编辑 孟凡勤 英文翻译 北京太科石油信
息咨询服务公司

SPECIAL OIL & GAS RESERVOIRS
Vol.27 No.1(Sum.No.138)Feb.2020
Superintended by CNPC
Sponsored by Liaohe Oilfield Company of PetroChina
Organized by E&D Research Institute of Liaohe Oilfield
Company of PetroChina
Editor in Chief LI Xiao-guang
Associate Editor in Chief Hu Yingjie Wang Wei
Edited & Published by Editorial Office of Special
Oil & Gas Reservoirs
Address E&D Research Institute of Liaohe Oilfield Company,
Petro China,Panjin,Liao ning,China,124010
Tel 0427-7823579 0427-7820262
Printing The Press of Liaohe Petroleum Newspaper Office
Overseas Distribution China International Book Trading
Corporation P.O.Box 399, Beijing, China
(Code, No.BM1504)
Subscription Rate(Overseas) US \$26 per copy
US \$156 per year

Geologic Exploration

- Continuous Hydrocarbon Accumulation Properties and Patterns in Liaohe Fault–Depression *Li Xiaoguang, Liu Xingzhou*(1)
- Hydrocarbon Accumulation and Exploration Potential of Outer Gentle Slope Zone in Bohai Bay Basin
..... *Wang Shaoyong, Huang Fuxi, Song Tao, Lyu Weining, Liu Ce, Jia Peng, Fan Jingjing*(9)
- Properties of Different Oolitic beach Reservoirs in the Feixianguan Formation of Kaijiang–Liangping Trough
..... *Jiang Yuqiang, Deng Hongbing, Yi Juanzi, Gan Huawen, Zhang Jingjing, Jiang Zengzheng*(17)
- Formation Pressure Genesis Mechanism and Prediction in Biyang Depression
..... *Zhang Yonghua, Chen Xiang, Zhang Yue, Du Wei, Zhao Yuqing*(25)
- Formation Water Properties and Genesis Evolution of Paleogene–Neogene Sandstone Reservoirs in South Bohai Depression
..... *An Tianxia*(30)
- Key Hydrocarbon Accumulation Factors and Enrichment Conditions of the Sandstone Lenses in Niuzhuang Sag
..... *Liu Mingjie, Ji Yongcheng, Liu Zhen, Zhang Wang, Qu Fang*(40)
- Discussion on Genesis Low Coal Rank Coalbed Methane in Santanghu Basin of Xinjiang Province
..... *Wu Bin, Zhou Longgang, Pan Xinzhi, Zhang Yaoxuan, Du Shitao*(47)
- Identification and Distribution of Internal Interlayers in Distal Underwater Fan
..... *Gong Qiang, Li Shengli, Liu Sheng, Wang Jue, Huang Xiaodi*(55)
- Shale Characterization of the Lower Cambrian Niutitang Formation in Northern Guizhou
..... *Ning Fan, Zou Niuniu, Zhang Daquan, Wang Ganlu, Mu Yuliang*(62)
- Seismic Reflection and Productivity of Reservoirs in the Fault–Zone 5 of Shunbei, Tarim Basin
..... *Qu Chang, Zhao Rui, Li Huili, Kong Qiangfu, Deng Shang*(68)
- Research and Application of Sedimentary Pattern for the Sub–Lacustrine Fan Lithologic Sandbody in the JZ Gasfield
..... *Wen Jiatao, Lyu Zuobin, Han Xuefang, Fang Na, Yan Hao*(75)

Reservoir Engineering

- Well–Type and Well – Pattern Design for the Narrow Channel Tight Sandstone Gas Reservoir in Western Sichuan
..... *Liu Chengchuan, Yang Jian, Bu Tao, Cao Tingkuan, Wang Yongfei*(82)
- A New Method for Steam Stimulation Productivity Calculation by Considering Variable Starting Pressure and Pressure–Sensitivity
..... *Zhang Yu, Li Chenglong*(89)
- Enhancing Oil Recovery by Waterflooding in Fracture–Cave Igneous Reservoir
..... *Lu Yi, Xia Guochao, Lyu Dongliang, Cheng Yabin, Song Shun Yao, He Jiang, Wang Yan Qi*(96)
- Research and Application of an Improved Type–B Water–Flooding Characteristic Curve
..... *Gu Jianwei, Ren Yanlong, Zhang Yigen, Cui Wenfu*(102)
- Stress Sensitivity Characterization and Field Application in High Temperature–Pressure Gas Reservoir
..... *Lu Ruibin, Hu Lin, Wang Wenjuan, Yang Liu, Zhang Qian*(108)
- High–Efficiency Complexing Agent for Polymer Flooding System *Wu Peng, Song Kaoping, Zhang Yue, Jiang Ying, Niu Yuping*(114)
- Numerical Simulation of Metamorphosis Buried–Hill Fractured Condensate Gas Reservoir Based on fluid–sloid Coupling
..... *Gao Zhennan, Geng Zhigang, Zhang Fengyi, Yu Yuanzhou, Wu Tingting*(121)
- Reserve–Production Ratio Performance in Offshore Oilfield *Yao Jingjie, Li Yanlai, Yan Jianli, Wang Xinran, Li Zhanfeng*(129)
- Low–Velocity Shale Gas Seepage Analysis and Influencing Factors
..... *Wang Chengwei, Li Lei, Su Yuliang, Zeng Xuzhi, Sheng Guanglong, Hao Yongmao*(136)
- Influencing Factor Analysis of Heavy–Oil Reservoir Mobility with Laboratory Test in Western Daqing Sploe
..... *Zhong Liguo, Liu Bingyan, Li Dayong, Zhang Hailong, Lin Qingxiang, Wen Qiang*(142)
- Seepage Mechanism and Enhance Oil Recovery Performance of Chemical Flooding System in Bohai Oilfield
..... *Lan Xitang, Zhao Wensen, Liu Changlong, Zhang Lu, Fu Yangyang*(148)

Drilling & Production Engineering

- Micro–mechanical Structure and Mechanical Properties of Fractured Carbonate Rock
..... *Liu Houbin, Cui Shuai, Meng Yingfeng, Deng Hu, Han Xu*(155)
- Limit Shut–In Period Calculation of CO₂ + Water Alternating Injection Well
..... *Bai Yujie, Cao Guangsheng, Hou Yuhua, Du Tong, Wang Zhe, Yang Tingyuan*(162)
- String Erosion of Well with Blowout Operation *Fan Yanfang, Li Shaoan, Zeng Dezhi, Liu Bing, Zhang Enbo*(169)