

# 石油实验地质

## 第34卷增刊1 2012年4月

### 目次

#### 油气勘探

- 塔里木盆地沙雅隆起雅克拉断凸带白云岩储层流体包裹体特征及油气成藏 ..... 韩俊,吕海涛,费剑炜等(1)
- 塔中顺9井储层伤害预测评价研究 ..... 赵瑞明,贾星亮,胡梅(7)
- 塔里木盆地顺托果勒低隆区志留系隐蔽性圈闭识别与描述——高分辨率储层预测技术  
在S1井三维区的应用 ..... 刘军,沈向存,任丽丹等(12)
- 塔中顺托果勒区块柯坪塔格组储层特征、主控因素及意义 ..... 胡梅,赵瑞明,贾星亮(17)
- 塔里木盆地阿北—顺北地区火山岩特征分析 ..... 徐浩,胡金祥,杨子川等(21)
- 叠前弹性阻抗反演在玉北1井区的应用研究 ..... 杨玉杰,朱定,王希平(26)

#### 油气开发

- 塔河油田底水砂岩油藏水平井乳化油堵水技术分析 ..... 刘培亮,乔泉熙(30)
- 大底水油藏水平井堵水效果影响因素分析研究 ..... 袁云福,崔亚,李亮(33)
- 雅克拉凝析气藏开发中气油比下降原因探讨 ..... 许莉娜,赵习森(37)
- 当前凝析气藏开发中存在的问题及治理对策——以雅克拉、大涝坝、轮台凝析气藏为例 ..... 柳春云,张儒佳,姚丽蓉等(41)
- 塔河油田低幅大底水油藏油水混存带成因及开采对策 ..... 郭素华,曹敬华,王志军(45)
- 蚂蚁体断裂自动追踪技术在塔河油田盐下地区的应用 ..... 王希平,李海英,杨玉杰(50)
- 水驱凝析气藏开发管理对策探讨 ..... 徐士胜,丁民福,王栋(53)
- 活跃底水砂岩油藏井组内油水分采初探——以塔河油田KZ1区块为例 ..... 钟伟,郑小杰,李文平(57)
- 碳酸盐岩缝洞型油藏注水替油参数研究新进展——以塔河油田缝洞型油藏为例 ..... 刘秀梅,熊艳梅(61)
- 深层高压凝析气井水合物防治技术——以雅克拉、大涝坝凝析气井为例 ..... 李建伟,黄成(64)
- 凝析气藏凝析水产出机理及其对开发的影响 ..... 袁锦亮,柳春云,吕晶等(68)
- 塔河油田十区北注水替油技术分析及认识 ..... 朱莲花,刘洪光(73)
- 常规测井在孔—缝储层评价中的应用——以巴什托油田巴楚组油藏为例 ..... 姚田万,吕萍,何云峰等(76)
- 巴什托油田深层、高压、低渗油藏高效开发采油工艺技术 ..... 陈彪,李威,胡小菊等(80)
- 标准曲线校正法在塔河油田高氯废水COD测定中的应用 ..... 王博远,陈红霞(84)
- 雅克拉白垩系凝析气藏水侵特征及影响因素分析 ..... 何云峰,姚田万,袁锦亮等(87)

塔里木盆地顺托2号构造顺9井区井壁稳定性研究 .....	王 沫,方建波,李双贵(91)
高压油气井测试内防喷管线设计及应用 .....	李如强,王芳利(94)
有机凝胶堵剂在塔河油田砂岩水平井堵水中的应用 .....	陈友梦(99)
塔河油田某污水处理站水质控制措施 .....	杨新勇,蒋 勇,胡岐川等(102)
塔河油田简化结构井开窗侧钻技术优化研究 .....	李双贵,高长斌,方建波等(106)
DST测试环空监测报警系统研制及应用 .....	刘 练,贾书杰,邹 伟等(109)
塔河油田深部地层提高钻井速度配套技术 .....	张 俊,汪 霞,苏秋生(112)
大涝坝站天然气压缩机空冷器变频调速系统设计 .....	罗 辉(117)
抽油机减载器在塔河油田的应用及改进办法 .....	靳永红,赵普春,宋红伟等(121)
塔河油田密闭测试工艺研制及应用 .....	刘 练,贾书杰,胡 勇等(123)
超深斜井无塞固井工艺探讨 .....	王永洪,贾晓斌,刘 云(128)
碳酸盐岩缝洞型油藏大型压裂的地质选井及配套工艺研究 .....	蒋 林,任文博,曾清勇等(133)
塔河油田主体区块二叠系承压堵漏技术探讨 .....	李少安,陈红壮(137)
塔河油田杆式泵深抽工艺技术研究与应用 .....	陈 灿,李 勇,杨小辉等(142)
轻烃回收装置脱丁烷塔塔顶液化气冷凝技术改造 .....	庞艳萍,黎志敏,韩 霞等(145)
塔河油田三号联合站气提法脱硫工艺分析与优化探讨 .....	叶 帆,马培红,李 鹏(149)
杆式泵封隔器一体化保护套管深抽技术研究与应用 .....	邓 波,谭 辉,郭 靖(153)

## CONTENTS

Characteristics of fluid inclusions and gas accumulation in dolomite reservoirs of Yakela Fault Arch, Shaya Uplift, Tarim Basin .....	<i>Han Jun, Lü Haitao, Fei Jianwei, et al.</i> ( 1 )
Prediction and evaluation of reservoir damage in well Shun 9, middle Tarim area .....	<i>Zhao Ruiming, Jia Xingliang, Hu Mei</i> ( 7 )
Recognition and description of Silurian concealed traps in Shuntuoguole low uplift region of Tarim Basin: application of high resolution reservoir prediction technology in well zone S1 .....	<i>Liu Jun, Shen Xiangcun, Ren Lidan, et al.</i> (12)
Reservoir pore structure features, key controlling factors and meanings of Silurian Kalpintag Formation in Shuntuoguole area, middle Tarim Basin .....	<i>Hu Mei, Zhao Ruiming, Jia Xingliang</i> (17)
Characteristics of volcanic rocks in northern Awati and northern Shuntuoguole areas of Tarim Basin .....	<i>Xu Hao, Hu Jinxiang, Yang Zichuan, et al.</i> (21)
Application of pre-stack elastic impedance inversion in Yubeil area, Tarim Basin .....	<i>Yang Yujie, Zhu Ding, Wang Xiping</i> (26)
Plugging agent of emulsified oil used in horizontal wells in sandstone reservoirs with bottom water, Tahe Oil Field .....	<i>Liu Peiliang, Qiao Quanxi</i> (30)
Influencing factors of water shutoff effect in horizontal well in reservoir with abundant bottom water .....	<i>Yuan Yunfu, Cui Ya, Li Liang</i> (33)
Reasons for gas/oil ratio decline in development, Yakela Condensate Gas Reservoir .....	<i>Xu Lina, Zhao Xisen</i> (37)
Existing problems and controlling measures corresponding to current development of condensate gas reservoir: taking Yakela, Dalaoba and Luntai condensate gas reservoirs as an example .....	<i>Liu Chunyun, Zhang Rujia, Yao Lirong, et al.</i> (41)
Origins and development techniques of oil-water mixed belts in great low-amplitude reservoirs with bottom-water in Tahe Oil Field .....	<i>Guo Suhua, Cao Jinghua, Wang Zhijun</i> (45)
Automatic ant tracer technique for fault: application in subsalt area, Tahe Oil Field .....	<i>Wang Xiping, Li Haiying, Yang Yujie</i> (50)
Development management of water-driving condensate gas reservoir .....	<i>Xu Shisheng, Ding Minfu, Wang Dong</i> (53)
Oil-water separate recovery technique in well groups of sandstone reservoir with active bottom water: a case study in block KZ1, Tahe Oil Field .....	<i>Zhong Wei, Zheng Xiaojie, Li Wenping</i> (57)
Progress in studies of water injection parameters in carbonate fracture and vug reservoirs: a case study in Tahe Oil Field .....	<i>Liu Xiumei, Xiong Yanmei</i> (61)
Controls of hydrates in deep high-pressure condensate gas wells: case studies in Yakela and Dalaoba regions .....	<i>Li Jianwei, Huang Cheng</i> (64)
Mechanism of condensate water producing and its influence on development in condensate gas reservoir .....	<i>Yuan Jinliang, Liu Chunyun, Lü Jing, et al.</i> (68)
Technique of water injection for oil applied in northern block 10 of Tahe Oil Field .....	<i>Zhu Lianhua, Liu Hongguang</i> (73)

Application of conventional logging in evaluation of pore and fracture reservoir: a case study in Bachu Formation, Bashituo Oil Field .....	<i>Yao Tianwan, Lü Ping, He Yunfeng, et al</i> (76)
Efficient development technologies applied in deep-buried reservoirs with high pressure and low permeability in Bashituo Oil Field .....	<i>Chen Biao, Li Wei, Hu Xiaoju, et al.</i> (80)
Application of standard curve correction in COD determination of wastewater rich in chlorine in Tahe Oil Field .....	<i>Wang Boyuan, Chen Hongxia</i> (84)
Characteristics and influencing factors of water invasion in Yakela Cretaceous Condensate Gas Reservoir .....	<i>He Yunfeng, Yao Tianwan, Yuan Jinliang, et al.</i> (87)
Analysis of wellbore stability in block Shun9, structure Shuntuo2, Tarim Basin .....	<i>Wang Mo, Fang Jianbo, Li Shuanggui</i> (91)
Design and application of inner blowout preventer pipeline in high-pressure oil-and-gas well test .....	<i>Li Ruqiang, Wang Fangli</i> (94)
Organogels to plug water in sandstone horizontal wells in Tahe Oil Field .....	<i>Chen Youmeng</i> (99)
Controlling measures of water quality in a certain sewage treatment station in Tahe Oil Field .....	<i>Yang Xinyong, Jiang Yong, Hu Qichuan, et al.</i> (102)
Improvement of sidetracking technique in simplified structure well, Tahe Oil Field .....	<i>Li Shuanggui, Gao Changbing, Fang Jianbo, et al.</i> (106)
Development and application of annulus monitoring alarm system of drill-stem testing (DST) .....	<i>Liu Lian, Jia Shujie, Zou Wei, et al.</i> (109)
Supporting techniques to improve drilling speed in deep stratum, Tahe Oil Field .....	<i>Zhang Jun, Wang Xia, Su Qiusheng</i> (112)
Design of speed control system with variable frequency of air cooler of natural gas compressor: a case study in Dalaoba Gas Collection Station .....	<i>Luo Hui</i> (117)
Application and improvement measures of beam pumping unit lightening appliance in Tahe Oil Field .....	<i>Jin Yonghong, Zhao Puchun, Song Hongwei, et al.</i> (121)
Development and application of confined testing technique in Tahe Oil Field .....	<i>Liu Lian, Jia Shujie, Hu Yong, et al.</i> (123)
Discussion of non-plug cementing technique in ultra-deep inclined well .....	<i>Wang Yonghong, Jia Xiaobin, Liu Yun</i> (128)
Geologic well selection and matching technology of large-scale fracturing in carbonate fracture and vug reservoir .....	<i>Jiang Lin, Ren Wenbo, Zeng Qingyong, et al.</i> (133)
Research on mud loss control under pressure for Permian in central Tahe Oil Field .....	<i>Li Shaoan, Chen Hongzhuang</i> (137)
Study and application of deep pumping technology with sucker rod pump in Tahe Oil Field .....	<i>Chen Can, Li Yong, Yang Xiaohui, et al.</i> (142)
Improvement of condensation technique of liquefied gas at the top of light hydrocarbon recovery device .....	<i>Pang Yanping, Li Zhimin, Han Xia, et al.</i> (145)
Analysis and optimization of desulfurization with gas stripping in Tahe no.3 plant .....	<i>Ye Fan, Ma Peihong, Li Peng</i> (149)
Investigation and application of casing protection in deep pumping with rod pump and packer .....	<i>Deng Bo, Tan Hui, Guo Jing</i> (153)