



中文核心期刊
中国科技核心期刊

ISSN 1673-1506
CODEN: ZHYGEQ

中国海上油气

CHINA OFFSHORE OIL AND GAS



6

2012 Vol.24

中国海洋石油总公司
China National Offshore Oil Corporation

中国海上油气

ZHONGGUO HAISHANG YOUQI

2012年 第24卷 第6期

目 次

· 油气勘探 ·

- 试论中国近海两个盆地找油与找气地质理论及方法的差异性 邓运华(1)
海上单检波器高密度拖缆地震采集系统技术特点与测试效果 王守君 吴秋云 朱耀强等(6)
基于数字岩石物理实验的岩石电性影响因素分析

- 以珠江口盆地(东部地区)中浅层砂岩储层为例 冯进(12)
切片技术应用新思路在南海北部边缘盆地勘探中的效果 韩光明 潘光超 郝德峰等(17)
INFAC T 气测录井解释方法在北部湾盆地的应用 王雷 郭书生 杨红君等(20)

· 油气田开发 ·

- 我国海上低渗油田分类标准研究 张金庆 杨凯雷 梁斌(25)
海上特高含水老油田挖潜策略与措施
——以珠江口盆地陆丰凹陷 LFD13-1 油田为例 邹信波 罗东红 许庆华等(28)
渤海油田开发过程控制及效果 王飞琼 赵春明 程明佳等(34)
沉积相与岩相相结合的三维地质模型建立 张宇 严耀祖 尹寿鹏(38)

· 钻采工程 ·

- 旋转导向钻井工具信号下传系统研究 李峰飞 蒋世全 李汉兴等(42)
西江油田群混合产液用破乳剂的研制与应用 魏强 胡富强 张爽等(47)
海上油田开发后期调整对初期钻修井机具选择的影响分析 郭华 冯定 刘书杰等(51)

· 海洋工程 ·

- 深水半潜式生产平台总体设计思路与应用前景 范模(54)
自升式钻井平台桩腿入泥深度计算研究 杨进 徐国贤 刘书杰等(58)
振动锤作用下海上基桩可打人性的数值模拟 张伟 王娜娜 刘振纹等(61)
微生物致碳钢点蚀试验研究 张颖 陆原 张勇等(66)
资产评估方法在 FPSU 剩余使用价值计算中的应用 杨永斌(70)

· 节能减排 降本增效 ·

- 渤中 34-1 油田井口套管气收集直接外输方案研究及应用 马亮(73)

· 专家介绍 ·

- 海洋工程专家 范模 (76)

CHINA OFFSHORE OIL AND GAS

Vol. 24, No. 6, 2012

CONTENTS

• PETROLEUM EXPLORATION •

A discussion on differences of hydrocarbon geology and applicable exploration theories and methods between two basin belts offshore China	Deng Yunhua(1)
Technical features of a marine high-density seismic acquisition system with single geophone by streamer and its testing effects	Wang Shoujun Wu Qiuyun Zhu Yaoqiang et al. (6)
An analysis of the factors to influence electrical properties of rocks based on a digital petrophysical experiment: a case of the middle-shallow sandstone reservoirs in Pearl River Mouth basin(the eastern area)	Feng Jin(12)
The effects of some new slice technique applications to exploration in the marginal basins along the northern South China Sea	Han Guangming Pan Guangchao Hao Defeng et al. (17)
An application of INFAC T gas-logging interpretation in Beibuwan basin	Wang Lei Guo Shusheng Yang Hongjun et al. (20)

• OIL AND GAS FIELD DEVELOPMENT •

A classification of low-permeability oilfields offshore China	Zhang Jinqing Yang Kailei Liang Bin(25)
Some strategical measures to tap the potential in offshore mature oilfields with extra-high water cut:a case of LFD13-1 field in Lufeng depression, Pearl River Mouth basin	Zou Xinbo Luo Donghong Xu Qinghua et al. (28)
A process control of development and its effects in Bohai oilfields	Wang Feiqiong Zhao Chunming Cheng Mingjia et al. (34)
A three-dimensional geological model combining sedimentary facies with lithofacies	Zhang Yu Yan Yaozu Yin Shoupeng(38)

• DRILLING AND PRODUCTION ENGINEERING •

Study on downward signaling system of rotary steerable drilling tool ... Li Fengfei Jiang Shiquan Li Hanxing et al. (42)
Development and application of new demulsifier used for the fluid mixture produced from Xijiang oilfields
Wei Qiang Hu Fuqiang Zhang Shuang et al. (47)
Analysis on the influence of later adjustment of offshore oilfield development on the initial selection of drilling and workover rig
Guo Hua Feng Ding Liu Shujie et al. (51)

• OCEAN ENGINEERING •

The overall design solution and application foreground of semi-submersible production platform in deep sea ... Fan Mo(54)
Research on leg penetration depth calculation of jack-up drilling platform ... Yang Jin Xu Guoxian Liu Shujie et al. (58)
Numerical simulation of drivability of offshore pile under the action of vibratory hammer
Zhang Wei Wang Nana Liu Zhenwen et al. (61)
Study on microbe-induced pitting of carbon steel
Zhang Ying Lu Yuan Zhang Yong et al. (66)
Application of asset evaluation method in FPSU remaining use value appraisal
Yang Yongbin(70)

• ENERGY SAVING AND EMISSION REDUCTION & COST REDUCTION AND PROFIT INCREASING •

Study and application of the scheme of casinghead gas collection and direct export in BZ34-1 oilfield
Ma Liang(73)

• PERSONAGE •

Ocean engineering expert Fan Mo
(76)