

石油规划设计

Petroleum Planning & Engineering

第23卷 总第128期

2012.6



ISSN 1004-2970



9 771004 297123

万方数据

主 管：中国石油天然气集团公司

主 办：中国石油天然气股份有限公司规划总院
北京中陆咨询有限公司

目 次

综 述

- 油气田地面工程技术进展及发展方向 李庆, 李秋忙 1

科 研

- 油气田应用非金属管道技术研究 韩方勇, 丁建宇, 孙铁民, 等 5
天然气站场等级划分研究 王春燕, 杨莉娜, 丁建宇, 等 10

工艺技术

- 气田采出水资源化利用有效途径 艾云超 14
岔河集油田地面集油系统简化技术及应用 耿玉广, 陶宝胜, 杨建雨, 等 17
基于PIPEFLO软件的冀东南堡油田混输海底管道
稳态压降影响因素分析 林燕红, 王保群 21

管 理

- 海外石油工程建设对分包商焊接质量控制的探索 徐宝德, 费秋萍 25
浅谈我国上市公司独立董事制度存在的问题及建议 周红 29

信息与自动化

- 油气田地面建设数字化建库探讨 贾稳鹏, 田景隆, 相大为, 等 32
流程模拟在炼化企业信息化项目中的应用 李欣平, 郭晓宇 36
RTU自动计量系统在艾哈代布油田的应用 刘晓良, 纪红 40
管道安全预警系统应用分析 张海潮, 李兴涛, 曾科宏, 等 43

计算机应用

- 油气集输管网优化设计软件中图形建模平台的开发 侯进才 46

英文摘要 50
2012年1~6期中文总目录 51
2012年1~6期英文总目录 53

动 态

- 《广东化工》2013年征订及征稿启事(20)



CONTENTS

Nov. 2012

Vol.23, No.6 (Total 128)

Bimonthly

◆ REVIEW

- Progress and Development Tendency of Surface Facility Technologies
for the Oil and Gas Field Li Qing, Li Qiumang 1

◆ SCIENTIFIC RESEARCH

- Application of the Nonmetallic Pipeline Technologies
to the Oil and Gas Field Han Fangyong, Ding Jianyu, Sun Tiemin, et al. 5
- Classification of the Natural Gas Stations Wang Chunyan, Yang Lina, Ding Jianyu, et al. 10

◆ PROCESS

- Effective Utilization of the Produced Water in the Gas Field Ai Yunchao 14
- Simplification Technologies of the Oil Gathering
System in ChaHeji Oilfield Geng Yuguang, Tao Baosheng, Yang Jianyu, et al. 17
- Analysis on the Influencing Factors of Stationary Pressure Drop
for the Sub-Sea Multiphase Pipeline in Nanbao Oilfield
of Jidong Area Based on the PIPEFLO Software Lin Yanhong, Wang Baoqun 21

◆ MANAGEMENT

- Control of the Welding Quality of the Subcontractors
in the Overseas Project Xu Baode, Fei Qiuping 25
- Problems in the Independent Director System of Listed Companies
in China and Corresponding Suggestions Zhou Hong 29

◆ INFORMATION AND AUTOMATION

- Construction of the Digitized Data Base in the Oil and Gas Field Jia Wenpeng, Tian Jinglong, Xiang Dawei, et al. 32
- Application of the Process Simulation to the Information Projects Li Xinping, Guo Xiaoyu 36
- Application of the RTU Automatic Metering System
to AHDEB Oilfield Liu Xiaoliang, Ji Hong 40
- Application of the Pipeline Safety Early Warning System Zhang Haichao, Li Xingtao, Zeng Kehong, et al. 43

◆ COMPUTERS APPLICATION

- Development of Graphical Modeling Platform in Network Optimization
Software of Oil and Gas Gathering and Transportation System Hou Jincai 46
- Abstracts of Articles 50
- Total Content of 1~6, 2012 53

Honorary Chief Editor

Jiang Shi'ang (008610) 82383252, 82383411

Chief Editor

Wang Qinglan (008610) 82383252

bjb901@263.net.cn

Chief Translator

Gao Jie

Executive Editor

Wang Qinglan

ISSN 1004-2970

Artistic Designer

Liu Reng'er

CN11-2972/TE

Microcomputer Composing by

Zhao Hui

Sponsored by

PetroChina Planning & Engineering Institute

Published by

Petroleum Planning & Engineering Journal Agency

Editing by

Editorial Department of PPE

Subscription

Distribution Department of PPEJA

Subscription Rates

RMB ¥15.00 per copy

RMB ¥90.00 per year

(China)

US \$ 5.00 per copy

US \$ 30.00 per year

(Overseas)

Address

No.3,Zhixin West Road,Beijing 100083,China

Copyright©2012 by PPE. All Rights Reserved.

Date of Publication

Nov. 2012