石油石化**节能** 第7卷第12期

Contents 目 次

第7卷第12期 1 7 2017



试验·研究

1 节能型超宽多层平动椭圆振动筛设计 张永洪 张浩荣 张劲南

6 螺杆泵参数与泵型匹配探究及模板建立 谢凡玲

10 抽油机节能装置研究 武伟伟 王斌斌

14 功率曲线法判断和调整抽油机平衡

技术・应用

18 不同类型油藏特点及节能技术对策 顾立明

21 萨北油田应用水源热泵技术研究 张校千

23 树脂固砂工艺在葡萄花油田的应用 葛伟亮

设备·产品

26 油管清洗泄油装置的研制与应用

何武

刘学庆

28 柔性控制超长冲程抽油机在大庆油田的应用

张凯波 张德实 王新民 侯宇 魏峰

管理·实践

31 长庆油田机采系统能耗分析及对策

于博 王海军

33 转油站集输系统能耗分析及优化运行

李亢

36 集油系统耗气分析及治理

马海涛 仇立锦

39 潜油电泵井节能综合治理措施及效果

李涛

节能标准

41 基层管理站队使用的油田生产能效评价指标体系

安家荣 马明桃 张娇

环保·安全

44 抽油机井防喷锚定一体化工艺技术研究

梁猛

47 缩短含硫油气场所中毒救援时间的探索实践*

王吉福 李凯 杨永彬 阎逸超 毕晶晶 卓世虎 陈新伟

封面图片: 北京石油长辛店油库(摄影: 胡庆明)

责任编辑:李发荣 英文译审:李俐莹

美术编辑: 李珊梅

排版制图: 高慧艳

Energy Conservation in Petroleum & PetroChemical Industry

CONTENTS



TESTING & RESEARCH

1 Design of Energy-saving Ultra-wide Multi-layer Balanced Elliptical Shale Shaker ZHANG Yonghong, ZHANG Haorong, ZHANG Jinnan

6 The Template Establishment of the Matching between Screw Pump Parameters and pump type XIE Fanling

10 The Research of the Energy-Saving Device for Pumping

WU Weiwei, WANG Binbin

14 The Power Curve Method to Determine and Adjust the Balance of Pumping Unit

LIU Xueqing

NOLOGY & APPLICATION

18 Characteristics of Different Types of Reservoirs and Energy Saving Technical Countermeasures GU Liming

21 The Technical Study Of Application of Water Source Heat Pumping Technology in Sabei Oilfield ZHANG Xiaoqian

23 Application of Resin Sand Fixing Process in Grape Flower Oilfield

GE Weiliang

EQUIPMENT & PRODUCT

26 Development and Application of Oil Pipe Cleaning and Oil Drain Device

HE Wu

28 Application of a Soft Control Super Long Stroke Pump Unit In Daqing Oilfield

ZHANG Kalbo, ZHANG Deshi, WANG Xinmin, HOU Yu, WEI Feng

MANAGEMENT & PRACTICE

31 Analysis on Energy Consumption of Mechanical Oil Recovery System of Changqing Oilfield and Countermeasures

YU Bo, WANG Haijun

33 Energy Consumption Analysis and Optimal Operation of Oil Transfer Station Gathering System

LI Kang

36 Oil System Gas Consumption Analysis and Management Countermeasures

MA Haitao, QIU Lijin

39 Comprehensive Measures and Effects of Energy Saving for Submersible Pump Well

LI Tao

ENERGY CONSERVATION STANDARD

41 The Index System of Energy Efficiency Evaluation Used by Grass-roots Management Stations in Oilfield

N Jiarong, MA Mingtao, ZHANG Jiao

ENVIRONMENT PROTECTION & SECURITY

44 The Research of the Integrated Process Technology of Anchor and Blowout Prevention for the Rod-pumped Well

LIANG Mena

47 Exploration and Practice of Shortening the Rescue Time in Sulfide Oil-gas Station Poisoning

WANG Jifu, LI Kai, YANG Yongbin, YAN Yichao, BI Jingjing, ZHUO Shihu, CHEN Weixin

Editor in Charge: Li Farong

English Editor: Li Liying

Art Editor: Li Shanmei

Pictures: Gao Huiyan