



目次

2011年1月第30卷第1期 总第265期

YOUQI CHUYUN

综述 / 输送工艺 / 实践天地



- 01 埋地油气管道并行敷设技术发展现状
- 05 美国油气管道法规和标准体系的管理模式
- 12 应用非线性隐式迭代法回归含蜡原油触变模型
- 15 液化天然气管道输送工艺参数的计算
- 18 高压蒸汽清灰技术在原油加热炉中的应用

王乾坤, 张争伟, 石悦, 等
马伟平, 贾子麒, 赵晋云, 等
柳建军, 程华, 崔秀国, 等
陈保东, 李庆杰, 洪丽娜, 等
许志军, 李铁军, 王紫阳

设计计算 / 防腐保温



- 21 成品油输送管网水力模型与仿真
- 25 水平定向钻管道穿越孔底泥浆的力学特性
- 30 埋地管道周围土壤湿热耦合相变过程的数值计算
- 34 浅水海底混输管道设计压力的确定方法
- 37 大型 LNG 储罐角部绝热结构的温度场
- 41 天然气分输站场带冷凝水管道的防腐

梁璇玑, 赵会军, 周宁, 等
蔡亮学, 何利民, 吕宇玲, 等
付吉强, 吴明, 杜明俊, 等
张伟, 杨新明
朱鸿梅, 孙恒, 刘宏伟
彭忍社, 杨鲁明, 屠明刚

实验研究 / 工程经济



- 43 无机盐对 O/W 型稠油乳液液滴形态和流变性的影响
- 49 降凝剂在克拉玛依—独山子原油管道的应用
- 53 BEM-JN 油基降粘剂作用机理与应用试验
- 56 埋地热油管道非稳态传热的环道试验
- 60 石西—克拉玛依输油管道双管输送经济分析

孟江, 张其敏, 肖和平, 等
张绚, 肖刚, 齐文远, 等
曹明, 曹旦夫, 吴杰, 等
王龙, 崔秀国, 苗青, 等
谢萍, 王玉柱

计量技术 / 经验交流 / 安全消防



- 63 旋转容积式流量计在天然气计量中的应用
- 67 超声计量系统中乌输气管道的应用
- 71 苏里格气田输气管道清管周期的确定
- 73 高寒地区管道低温水试压方法
- 76 液化气储罐区的消防安全

商同林, 张树华
于栋, 潘涛, 姜进田
赵金省, 杨玲, 魏美吉等
樊三新, 刘玉玲, 楚威威
郑兰芳

简讯 下期要目(20) 新年寄语(29) 编辑一隅(33) 走近《油气储运》(62)

期刊基本参数: CN 13-1093/TE*1977*m*A4*88*zh+en*P*¥18.00*3000*21*2011-01*n

**OIL & GAS STORAGE
AND TRANSPORTATION**

(MONTHLY)
Vol.30 No.1(Total No.265)Jan.25,2011

CONTENT

OVERVIEW / TRANSPORTATION PROCESS / APPLICATION REPORT

- 01 Development status of the parallel laying technology in underground oil & gas pipelines
.....Wang Qiankun, Zhang Zhengwei, Shi Yue, et al
- 05 Oil and gas pipeline regulations and management mode of standard system in America
.....Ma Weiping, Jia Ziqi, Zhao Jinyun, et al
- 12 Thixotropy models of waxy crude oil by using non-linear implicit iterative regression method
.....Liu Jianjun, Cheng Hua, Cui Xiuguo, et al
- 15 Calculation of transmission process parameters for LNG pipeline.....Chen Baodong, Li Qingjie, Hong Lina, et al
- 18 The application of high-pressure steam soot cleaning technology in crude oil heater
.....Xu Zhijun, Li Tiejun, Wang Zi yang

DESIGN & CALCULATION / CORROSION CONTROL & INSULATION

- 21 Hydraulic model and simulation of products oil pipeline network.....Liang Xuanji, Zhao Huijun, Zhou Ning, et al
- 25 Hole-bottom slurry mechanical properties of horizontal directional drilling in pipeline crossing project
.....Cai Liangxue, He Limin, Lv Yuling, et al
- 30 Numerical calculation on heat-moisture coupling and phase change process of the soil around buried pipeline
.....Fu Jiqiang, Wu Ming, Du Mingjun, et al
- 34 Determination method for the design pressure of offshore multiphase pipeline.....Zhang Wei and Yang Xinming
- 37 Temperature field on corner adiabatic structure of large-scale LNG storage tank
.....Zhu Hongmei, Sun Heng, Liu Hongwei
- 41 Corrosion control on the pipeline contained condensation water in natural gas offtake station
.....Peng Renshe, Yang Luming, Tu Minggang

EXPERIMENT & RESEARCH / ENGINEERING ECONOMY

- 43 The influence of inorganic salt on emulsion droplet shape and rheological properties of W/O viscous oil emulsion
.....Meng Jiang, Zhang Qimin, Xiao Heping, et al
- 49 The application of pour Point depressant in Karamay-Dushanzi Crude Oil Pipeline
.....Zhang Xuan, Xiao Gang, Qi Wenyan, et al
- 53 Mechanism and Performance experiment of oil-based BEM-JN viscosity depressant
.....Cao Ming, Cao Danfu, Wu Jie, et al
- 56 Unsteady heat transfer loop test for buried hot oil pipeline.....Wang Long, Cui Xiuguo, Miao Qing, et al
- 60 Economic analysis on double pipeline transportation in Shixi-Karamay Oil Pipeline.....Xie Ping and Wang Yuzhu

METERING TECHNOLOGY / EXPERIENCE EXCHANGE / SAFETY & FIRE CONTRL

- 63 The application of rotational positive displacement flowmeter in natural gas metering
.....Shang Tonglin and Zhang Shuhua
- 67 The application of ultrasonic metering system in Trans-Uzbekistan Gas Pipeline.....Yu Dong, Pan Tao, Jiang Jintian
- 71 Determination of pigging cycle for gas transmission pipeline in Sulige Gasfield
.....Zhao Jinsheng, Yang Ling, Wei Meiji, et al
- 73 Pipeline hydrotest method of cold water in frigid zone
.....Fan Sanxin, Liu Yuling, Chu Weiwei
- 76 The fire safety of LNG tankfarm.....Zheng Lanfang