## 涩北气田排液技术研究

## 摘要

本文通过对涩北气田多方面的分析,本着为涩北气田未来开发起到促进作用的目的对涩北气田排液技术进行研究。文中采用了文献研究法、比较分析和信息研究法等方法了解了涩北气田的发展历程、地质情况、现存问题(出水问题造成的弊端;出水来源因素;井底积液易造成的伤害)等,又进一步研究了目前存在的气田排液采气工艺,在研究的过程中对比各方面的优缺点,再结合涩北气田现有的地质条件,存在问题等,找出目前最适合涩北气田的排水采气方案为泡沫排水系统。

本文通过客观的研究背景、严密的数据调查、精确的分析和技术合理应用建 议等多方面着手,力求减少涩北气田开发中可能存在的挑战,加快促进工艺研究 领域的新突破。

关键词: 涩北气田; 出水规律; 积液诊断; 泡沫排水

## **Abstract**

Based on the analysis of various aspects of Shibei gas field, this paper studies the drainage technology of Shibei gas field with the aim of promoting the future development of Shibei gas field. In this paper, we use the methods of literature research, comparative analysis and information research to understand the development history, geological conditions and existing problems of Shibei gas field. The gas recovery scheme is foam drainage system.

Through objective research background, rigorous data investigation, accurate analysis and reasonable application of technology, this paper tries to reduce the possible challenges in the development of Shibei gas field and accelerate the new breakthrough in the field of process research.

**Keywords:** Sebei gas field; Law of effluent; Diagnosis of effusion; Foam drainage

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