

ICS 75. 020

E 14

Record number: 14078-2004

SY

**PROFESSIONAL STANDARD OF THE PEOPLE'S
REPUBLIC OF CHINA**

中华人民共和国石油天然气行业标准

SY/T 6596-2004

**Recommended practice for produced - water
re injection in gas field
气田水回注方法**

Issued on July 3, 2004

Implemented on November 1, 2004

Issued by National Development and Reform Commission

Contents

Foreword	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Selection requirements on water reinjection layer and reinjection well in gas field	2
5 The recommended water quality indicators of water reinjection in gas field	3
6 Water quality testing and analysis methods for standard reinjection and recommended water treatment process	3
Bibliography	5

Foreword

This standard is proposed and under the jurisdiction of Oil and Gas Exploitation Standardization Committee.

The responsible drafting organization is Gas Exploitation Engineering Research Central of PetroChina Southwest Oil & Gasfield Company of CNPC.

The chief drafting staff of this standard includes Pu Rongrong, Li Xiaorong, Shi Chunyuan, Yang Xu and Long Shouhui.

Recommended practice for produced - water re injection in gas field

1 Scope

This Standard specifies the selection requirements, recommended water quality indicators, water quality testing and analysis method for the standard reinjection and recommended water quality process method of water reinjection well and reinjection layer in natural gas field.

This Standard applies to produced-water reinjection in gas field of sandstones and carbonate rocks.

2 Normative references

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 6920 Water quality; Determination of pH value; Glass electrode method

GB/T 11901 Water quality-Determination of suspended substance-Gravimetric method

GB/T 16488 Water quality-Determination of petroleum oil, animal and vegetable oils-Infrared photometric method

SY/T 5329 Water quality standard and practice for analysis of oilfield injecting waters

3 Terms and definitions

For the purpose of this standard, the following terms and definitions shall apply.

3.1

Suspended solid

During the filtration process of adopting resin fiber microporous membrane with an average pore diameter of 0.45 μ m, after washing the crude oil by gasoline or petroleum ether solvent, the remaining materials on the microporous membrane are water-insoluble.

3.2

Mid-value of suspended particles, diameter

完整版本请在线下单/Order Checks Online for Full Version

联系我们/or Contact :

TEL: 400-678-1309

QQ: 19315219 | Skype: Lancarver

Email : info@lancarver.com

<http://www.lancarver.com>

线下付款方式 :

I. 对公账户 :

单位名称 : 北京文心雕语翻译有限公司

开户行 : 中国工商银行北京清河镇支行

账 号 : 0200 1486 0900 0006 131

II. 支付宝账户 : info@lancarver.com

III. Paypal: info@lancarver.com

注: 付款成功后, 请预留电邮, 完整版本将在一个工作日内通过电子 PDF 或 Word 形式发送至您的预留邮箱, 如需索取发票, 下单成功后的三个工作日内安排开具并寄出, 预祝合作愉快!

NOTE All documents on the store are in electronic Adobe Acrobat PDF format, there is not sell or ship documents in hard copy. Mail the order and payment information to info@lancarver.com, you will shortly receive an e-mail confirming your order.

