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

DZ/T 0249-2010

**Coalbed methane field development plan prepared
specifications**

煤层气田开发方案编制规范 清晰版

(English Translation)

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Foreword

This standard was proposed by the Ministry of Land and Resources of the People's Republic of China.

This standard is under the jurisdiction of the National Land Resources Standardization Technical Committee.

This standard was drafted. Zhonglian Coalbed Methane National Engineering Research Center Co., Ltd., China United Coalbed Methane Co., Ltd.

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This standard is interpreted by the Ministry of Land and Resources of the People's Republic of China.

Introduction

Coalbed methane is an efficient and clean energy source, and the country lists it as an independent mineral for exploration, development and management. And natural gas development management for example, after obtaining proven reserves, coalbed methane must prepare a CBM development plan as a guiding technical document for gas field development. in order to Standardize the development of coalbed methane development plan, promote the development of coalbed methane industry and industry management, refer to the outline of natural gas development and management, and combine with coalbed methane.

Point, specially formulated this specification.

CBM gas field development plan preparation specification

1 Scope

This standard specifies the content, methods and technical requirements for the preparation of coalbed methane field development plans.

This standard is applicable to the preparation of the development plan for the surface coalbed methane in the coalbed methane field. The preparation of the ground coalbed methane development plan in the coal mining area can be referred to.

use.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this file. For undated references, the latest edition (including all amendments) applies to this document.

DZ/T 0216 CBM resource/reserve specification SY/T 5615-2004 Oil and gas geology mapping specification and schema SY/T 6177-2000 Natural gas gas reservoir development program economic evaluation method standard SY/T 6580-2004 Commonly used quantities and units for oil and gas exploration and development

3 Terms and definitions

Coalbed methane

This standard refers to the definition of coalbed methane in DZ/T 0216-2002. the presence of methane as the main component in the coal seam to adsorb on the coal A hydrocarbon gas that is mainly surfaced and partially freed from coal pores or dissolved in coal seam water.

Coalbed methane coalbedmethanereservoir the basic geological unit of coal and rock masses with a considerable amount of (hydrocarbon) gas and controlled by similar (off) geological factors. Gas reservoir boundary is a the gas abundance gradient zone, the shape and width of the gradient zone is determined by the specific accumulation factors of the gas reservoir itself.

Coalbed methane field Coalbed methane fields are the general term for coalbed methane reservoirs within a certain (continuous) gas production area. The gas production area is controlled by single or multiple geological factors System of geological units.

Coalbed methane field development plan developmentplanofcoalbedmethanefield at the end of the pre-development evaluation work, a development plan should be prepared. The CBM field development plan is a comprehensive overall development plan, an important technical document to guide the development of coalbed methane fields. The main contents include general theory, market demand, geological and reservoir engineering solutions,

drilling engineering Case, completion and stimulation project, drainage engineering plan, ground engineering plan, development and construction deployment and implementation requirements, health and safety environment evaluation, Risk assessment, investment estimation and economic evaluation.

4 Principles of programming

4.1

The CBM development plan should follow the principles of overall deployment, phased implementation, and rolling development, and propose capacity building steps to clarify the drilling of each year.