刘洪林,王红岩,赵群,林英姬,桑树勋,雍洪.吐哈盆地低煤阶煤层气地质特征与成藏控制因素研究[J].地质学报,

吐哈盆地低煤阶煤层气地质特征与成藏控制因素研究 点此下载全文

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基金项目：国家重点基础研究发展计划（973计划）

DOI：

摘要点击次数： 253

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摘要：

我国低煤阶煤层气资源丰富，气煤以下的低煤阶煤层气资源量15.13×1012m3。迄今为止尚无成功开发先
强。论文通过对吐哈盆地煤层气成藏条件、成藏特征分析，探讨了地质构造、聚煤作用、煤系特征、生物气形成
因素，初步确定了吐哈盆地煤层气成藏类型及其分布特征，把吐哈盆地煤层气成藏模式划分为盆内凹陷成藏模式
成藏模式三种类型，根据成藏过程的匹配特征把煤层气藏类型划分为储-逸型低压逸散式、储-运-逸型运移储集
指导低煤阶煤层气成因研究与资源勘探开发。

关键词：煤层气 勘探 二次生物气

A Study on Coalbed Methane Geological Characteristics and Reservoir Controlling Para
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Abstract:

China has a large amount of low-rank coalbed methane resource, coalbed methane resource exi
medium volatile over 15.13 trillion cubic meter. Till now, there is still no successful productio
be strengthened. In this paper, the authors analysized the coalbed methane forming conditions and
basin, geological settings and coal accumulation, coal series characteristics, biogenic gas prese
considered. In the end, coalbed methane reservoir type and distribution patterns had been determi
reservoir could be divided into three types, including basin depression reservoir, basin margin s
reservoir. In terms of matching feature characteristics of reservoir forming, two typical type ca
reservoir forming- dissipation type and forming-migration-dissipation type. This will be an impor
coalbed methane genesis and exploring.

Keywords:Coalbed Methane exploration secondary biogenic gas