Accepted Manuscript

Adsorption Behavior of Carbon Dioxide and Methane in Bituminous Coal: A Molecular Simulation Study

Jing You, Li Tian, Chao Zhang, Hongxing Yao, Wu Dou, Bin Fan, Songqing Hu

PII: \$1004-9541(16)30435-9

DOI: doi: 10.1016/j.cjche.2016.05.008

Reference: CJCHE 561

To appear in:

Received date: 5 November 2015 Revised date: 23 March 2016 Accepted date: 31 March 2016



Please cite this article as: Jing You, Li Tian, Chao Zhang, Hongxing Yao, Wu Dou, Bin Fan, Songqing Hu, Adsorption Behavior of Carbon Dioxide and Methane in Bituminous Coal: A Molecular Simulation Study, (2016), doi: 10.1016/j.cjche.2016.05.008

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Energy, Resources and Environmental Technology

Adsorption Behavior of Carbon Dioxide and Methane in Bituminous

Coal: A Molecular Simulation Study#

Jing YOU (游靖)¹, Li TIAN (田力)², Chao ZHANG (张超)², Hongxing YAO (姚红星)³, Wu DOU (窦武)⁴, Bin FAN (樊彬)⁴, Songqing HU (胡松青)^{2,*}

China

Article history:

Received 5 November 2015

Received in revised form 23 March 2016

Accepted 31 March 2016

Available online xxxx

Supported by the CNPC Huabei Oilfield Science and Technology Development Project

(HBYT-CYY-2014-JS-378, HBYT-CYY-2015-JS-47).

*Corresponding Author: HU Songqing, Tel: +86-0532-86983170, Fax: +86-0532-86983170, Email:

ccupc@upc.edu.cn.

¹ Production Engineering Research Institute in Huabei Oilfield Company of CNPC, Renqiu 062552, China

² College of Science, China University of Petroleum (East China), Qingdao 266580, China

³ Huabei oilfield Shanxi coalbed methane exploration and development branch of CNPC, Changzhi 048000, China

⁴ Huabei oilfield Changzhi coalbed methane exploration and development branch of CNPC, Changzhi 046000,

Download English Version:

https://daneshyari.com/en/article/4764294

Download Persian Version:

https://daneshyari.com/article/4764294

<u>Daneshyari.com</u>