### **Accepted Manuscript**

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Gang Wang, Xiangyu Chu, Xinxiang Yang

PII: S1875-5100(16)30511-X

DOI: 10.1016/j.jngse.2016.07.039

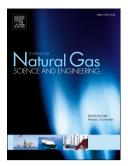
Reference: JNGSE 1661

To appear in: Journal of Natural Gas Science and Engineering

Received Date: 18 May 2016 Revised Date: 13 July 2016 Accepted Date: 14 July 2016

Please cite this article as: Wang, G., Chu, X., Yang, X., Numerical simulation of gas flow in artificial fracture coal by three-dimensional reconstruction based on computed tomography, *Journal of Natural Gas Science & Engineering* (2016), doi: 10.1016/j.ingse.2016.07.039.

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### ACCEPTED MANUSCRIPT

# Numerical Simulation of Gas Flow in Artificial Fracture Coal by Three-dimensional Reconstruction based on Computed Tomography

Gang Wang a, \*, Xiangyu Chu a, Xinxiang Yang b

<sup>a</sup> Shandong University of Science and Technology, Mine Disaster Prevention and Control-Ministry of State Key

Laboratory Breeding Base, Qingdao 266590, PR China

<sup>b</sup> School of Mining and Petroleum Engineering, University of Alberta, Edmonton T6G2W2, Canada

**Corresponding author:** Gang Wang

Address: Room 108, College of Mining and Safety Engineering, Shandong University of Science and Technology, 579

Qianwangang Rd, Huangdao District, Qingdao 266510, PR China.

**Tel:** +86-13615327361

E-mail: gang.wang@sdust.edu.cn

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