



“Gheorghe Asachi” Technical University of Iasi, Romania



DEVELOPING UNCONVENTIONAL OIL AND GAS RESOURCES IN CHINA: A CONCEPTUAL ANALYSIS FRAMEWORK

Shubin Wang*, Ju’e Guo, Jinzhao Shi, Zihan Liu

Xi’an Jiaotong University, School of Management, No.28, Xianning West Road, Xi’an 710049, P.R. China

Abstract

Chinese political winds encourage unconventional resource exploitation. However, replication of “shale gas miracle” outside North America seems impossible because of things like problematical accumulation in geological conditions. There are many obstacles and difficulties China faced in this context. The accuracy of resource assessment and technology progress are key aspect to lower investment risk. Based on these, this paper provides integrate ways to make resource estimation with three existing method and a new framework of technology learning curve, applied in order to investigate techniques of application in unconventional field of China.

Key words: analytical framework, challenge, resource landscape, technology learning curve, unconventional resource

Received: November, 2014; Revised final: July, 2015; Accepted: July, 2015
