

## 水平井“多段分簇”压裂簇间干扰的数值模拟

潘林华，张士诚，程礼军，陆朝晖，柳凯誉

1.国土资源部页岩气资源勘查重点实验室·重庆地质矿产研究院；2.重庆市页岩气资源与勘查工程技术研究中心·重庆地质矿产研究院；3.油气资源与探测国家重点实验室·重庆页岩气研究中心；4.中国石油大学（北京）石油工程学院；5.中国石油长城钻探公司井下作业分公司

A numerical simulation of the inter-cluster interference in multi-cluster staged fracking for horizontal wells

Pan Linhua, Zhang Shicheng, Cheng Lijun, Lu Zhaojun, Liu Kaiyu

1.Key Laboratory for Shale Gas Resource & Exploration, Ministry of Land and Resources // Chongqing Institute of Geology and Mineral Resources, Chongqing 400042, China; 2.Chongqing Engineering Research Center for Shale Gas Resource & Exploration, Chongqing Institute of Geology and Mine Resources, Chongqing 400042, China; 3.Chongqing Shale gas Research Center and State Key Laboratory of Petroleum Resource and Prospecting Chongqing 400042, China; 4.Faculty of Petroleum Engineering, China University of Petroleum, Beijing 102249, China; 5.Downhole Operation Division CNPC Great Wall Drilling Company, Panjin, Liaoning 124000, China