

## Accepted Manuscript

Numerical prediction of flow behavior of cuttings carried by Herschel-Bulkley fluids in horizontal well using kinetic theory of granular flow

Boxue Pang, Shuyan Wang, Guodong Liu, Xiaoxue Jiang, Huilin Lu, Zhenjie Li



PII: S0032-5910(18)30078-0  
DOI: <https://doi.org/10.1016/j.powtec.2018.01.065>  
Reference: PTEC 13151  
To appear in: *Powder Technology*  
Received date: 18 October 2017  
Accepted date: 23 January 2018

Please cite this article as: Boxue Pang, Shuyan Wang, Guodong Liu, Xiaoxue Jiang, Huilin Lu, Zhenjie Li, Numerical prediction of flow behavior of cuttings carried by Herschel-Bulkley fluids in horizontal well using kinetic theory of granular flow. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ptec(2017), <https://doi.org/10.1016/j.powtec.2018.01.065>

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.

**Numerical prediction of flow behavior of cuttings carried by Herschel-Bulkley fluids in horizontal well using kinetic theory of granular flow**

Boxue Pang <sup>a</sup>, Shuyan Wang <sup>b,\*</sup>, Guodong Liu <sup>a</sup>, Xiaoxue Jiang <sup>b</sup>, Huilin Lu <sup>a,\*</sup>, Zhenjie Li <sup>a</sup>

<sup>a</sup> School of Energy Science and Engineering

Harbin Institute of Technology, Harbin, 150001, P. R. China

<sup>b</sup> School of Petroleum Engineering

Northeast Petroleum University, Daqing, 163318, P. R. China

Corresponding author E-mail address:

huilin@hit.edu.cn (Huilin Lu), wangshuyan@nepu.edu.cn (Shuyan Wang).

Tel.: 010-045186412258.

First author E-mail address:

pangboxue@126.com (Boxue Pang).

Other author E-mail address:

gdliu@hit.edu.cn (Guodong Liu),

jiangxiaoxue1@163.com (Xiaoxue Jiang),

zzu0000000@163.com (Zhenjie Li).

Download English Version:

<https://daneshyari.com/en/article/6675166>

Download Persian Version:

<https://daneshyari.com/article/6675166>

[Daneshyari.com](https://daneshyari.com)