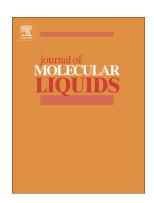
Accepted Manuscript

Saturated aqueous NaCl solution and pure water in Namontmorillonite clay at thermodynamic conditions of hydraulic fracturing: Thermodynamics, structure and diffusion from molecular simulations



Martin Svoboda, Filip Moučka, Martin Lísal

PII: S0167-7322(18)32467-X

DOI: doi:10.1016/j.molliq.2018.08.144

Reference: MOLLIQ 9589

To appear in: Journal of Molecular Liquids

Received date: 12 May 2018
Revised date: 14 July 2018
Accepted date: 28 August 2018

Please cite this article as: Martin Svoboda, Filip Moučka, Martin Lísal, Saturated aqueous NaCl solution and pure water in Na-montmorillonite clay at thermodynamic conditions of hydraulic fracturing: Thermodynamics, structure and diffusion from molecular simulations. Molliq (2018), doi:10.1016/j.molliq.2018.08.144

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

Saturated aqueous NaCl solution and pure water in Na-montmorillonite clay at thermodynamic conditions of hydraulic fracturing: Thermodynamics, structure and diffusion from molecular simulations

Martin Svoboda 1,2 , Filip Moučka 1,2 and Martin Lísal 1,2 August 31, 2018

¹Department of Molecular and Mesoscopic Modelling, Institute of Chemical Process Fundamentals of the CAS, v. v. i., Prague, Czech Republic

²Department of Physics, Faculty of Science, J. E. Purkinje University, Ústí n. Lab., Czech Republic

*Corresponding author: lisal@icpf.cas.cz

Mailing address: Department of Molecular and Mesoscopic Modelling, Institute of Chemical Process Fundamentals of the Czech Academy of Sciences, v. v. i., Rozvojová 135/1, 165 02 Prague 6-Suchdol, Czech Republic

Download English Version:

https://daneshyari.com/en/article/10141592

Download Persian Version:

https://daneshyari.com/article/10141592

<u>Daneshyari.com</u>