Accepted Manuscript

Research Paper

The effect of temperature dependent relative permeability on heavy oil recovery during hot water injection process using streamline-based simulation

Mohammad Hossein Doranehgard, Majid Siavashi

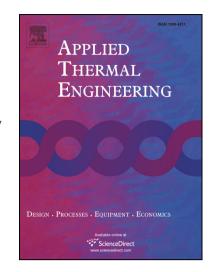
PII: S1359-4311(17)33517-2

DOI: https://doi.org/10.1016/j.applthermaleng.2017.10.002

Reference: ATE 11200

To appear in: Applied Thermal Engineering

Received Date: 24 May 2017
Revised Date: 2 September 2017
Accepted Date: 2 October 2017



Please cite this article as: M.H. Doranehgard, M. Siavashi, The effect of temperature dependent relative permeability on heavy oil recovery during hot water injection process using streamline-based simulation, *Applied Thermal Engineering* (2017), doi: https://doi.org/10.1016/j.applthermaleng.2017.10.002

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

The effect of temperature dependent relative permeability on heavy oil recovery during hot water injection process using streamline-based simulation

Mohammad Hossein Doranehgard

Master of Science

Applied Multi-Phase Fluid Dynamics Lab., School of Mechanical Engineering, Iran University of Science and Technology, Iran.

Email: m doraneh@mecheng.iust.ac.ir

Majid Siavashi (Corresponding author):

Assistant Professor

Applied Multi-Phase Fluid Dynamics Lab., School of Mechanical Engineering, Iran University of Science and Technology, Iran

Email: msiavashi@iust.ac.ir

Postal address: School of Mechanical Engineering, Iran University of Science and Technology,

Narmak, Tehran, Iran. Postal Code: 1684613114.

Telephone: +98 21 77240391.

Fax: +98 21 77240488.

Download English Version:

https://daneshyari.com/en/article/4990321

Download Persian Version:

https://daneshyari.com/article/4990321

<u>Daneshyari.com</u>