

Special Issue Reprint

Fundamentals of Enhanced Oil Recovery

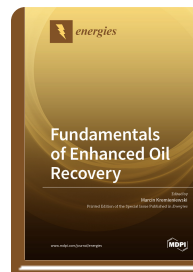
www.mdpi.com/books/reprint/5859

Edited by

Marcin Kremieniewski

ISBN 978-3-0365-4375-8 (Hardback)

ISBN 978-3-0365-4376-5 (PDF)



For many years, the trend of increasing energy demand has been visible. Despite the search for alternative energy sources, it is estimated that oil and natural gas will be the main source of energy in transport for the next several dozen years. However, the reserves of renewable raw materials are limited in volume. Along with the degree of depletion, oil recovery becomes more and more difficult, even though the deposits are not yet completely empty. Therefore, it is essential to find new methods to increase oil and gas recovery. Actions aimed at intensifying oil recovery are very rational use of energy that has not yet been fully used.

Usually, an increase in oil recovery can be achieved by using extraction intensification methods. However, measures to increase oil recovery can be implemented and carried out at any stage of the borehole implementation. Starting from the well design stage, through drilling and ending with the exploitation of oil and gas.

Therefore, in order to further disseminate technologies and methods related to increasing oil recovery, a special edition has been developed, entitled "Fundamentals of Enhanced Oil Recovery".

This Special Issue mainly covers original research and studies on the above-mentioned topics, including, but not limited to, improving the efficiency of oil recovery, improving the correct selection of drilling fluids, secondary methods of intensifying production and appropriate energy management in the oil industry.

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.