

Volume 52, Number 36  
September 8, 2012  
Abstract Nos. 1,124,395—1,125,119

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RESERVOIR ENGINEERING

1,124,996

ESSENTIALS OF RESERVOIR ENGINEERING: VOLUME 2 P.Donnez (IFP Energies Nouvelles).

Editions Technip, Paris, 2012. (ISBN 978-2-7108-1010-0; 512 pp; Over 10 refs) This book completes the first volume on the "Essentials of Reservoir Engineering". Chapters 1 to 6 are complementary to the material discussed in the first volume. Chapters 7 through 18 cover secondary and tertiary recovery methods; well testing; elements of log interpretation; techniques used to predict reservoir performances in particular conditions; the unconventional oil reservoir issues that become of prime importance today; some guidelines to engineers on how to develop a reservoir depending on the volume of data available; definitions of resources and reserves admitted within the industry; reservoir monitoring and integrated reservoir management issues; uncertainties in reservoir engineering; the associated design of experiment technique; the unconventional gas reservoirs that take an increasing part of gas production in the world; and basic principles on economics essential to engineers.