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| Autore                  | Thiele Marco Roberto <1963->   |
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| Pubbl/distr/stampa      | Richardson, TX, : Society of Petroleum Engineers, c2011  |
| ISBN                    | 1-61399-065-0  |
| Descrizione fisica      | 1 online resource (283 p.)   |
| Collana                 | Getting up to speed  |
| Altri autori (Persone)  | GerritsenMargot (Margot G.)<br>BluntMartin J   |
| Soggetti                | Reservoirs<br>Flood dams and reservoirs<br>Electronic books.   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Description based upon print version of record.  |
| Nota di bibliografia    | Includes bibliographical references.   |
| Nota di contenuto       | ""Foreword""; ""Contents""; ""Historical and Background""; ""Streamline Simulation for Modern Reservoir-Engineering Workflows""; ""Analytical-Numerical Method in Waterflooding Predictions""; ""Applicationa€? Waterflood Management""; ""Revisiting Reservoir Flood-Surveillance Methods Using Streamlines""; ""Using Streamline-Derived Injection Efficiencies for Improved Waterflood Management""; ""Waterflood Management: A Case Study of the Northwest Fault Block Area of Prudhoe Bay, Alaska, Using Streamline Simulation and Traditional Waterflood Analysis""; ""Methodology""<br>""Full-Field Streamline Tracing in Complex Faulted Systems With Nonneighbor Connections""""Improved Mappings for Streamline-Based Simulation""; ""A Rigorous Compressible Streamline Formulation for Two- and Three-Phase Black-Oil Simulation""; ""On Accurate Tracing of Streamlines""; ""A 3D Field-Scale Streamline-Based Reservoir Simulator""; ""Streamline Computations for Porous Media Flow Including Gravity""; ""Applicationa€?History Matching""; ""A Geostatistical Approach to Streamline-Based History Matching""; ""Rapid History Matching Using a Generalized Travel-Time Inversion Method""<br>""Applicationa€?Enhanced Oil Recovery""""Polymer-Flood Modeling Using Streamlines""; ""Thermal Streamline Simulation for Hot Water Flooding""; ""Using Analytical Solutions in Compositional Streamline |

Simulation of a Field-Scale CO<sub>2</sub>-Injection Project in a Condensate Reservoir"; "Compositional Streamline Simulation"; "Applicationa€? Fractured Reservoirs"; "Streamline-Based Dual Porosity Simulation of Fractured Reservoirs"; "Applicationa€?Field Studies"; "Streamline Technology for the Evaluation of Full-Field Compositional Processes: Midalea€?A Case Study"  
"The Use of Streamline Simulation in Reservoir Management: Methodology and Case Studies""Applicationa€? Uncertainty/Optimization"; "Uncertainty Quantification in Reservoir Performance Using Distances and Kernel Methodsa€?Application to a West Africa Deepwater Turbidite Reservoir"; "Statistical Ranking of Stochastic Geomodels Using Streamline Simulation: A Field Application"; "Applicationa€?Other"; "Streamline-Based Simulation of Solute Transport"; "Applicationa€?Carbon Sequestration"; "Design of Carbon Dioxide Storage in Aquifers"

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