



Artificial Expert Systems Applications in Petroleum Engineering : An auxiliary approach for labor intensive and demanding times

By Talal AlMousa

LAP Lambert Academic Publishing Sep 2015, 2015. Taschenbuch. Condition: Neu. This item is printed on demand - Print on Demand Neuware - This work demonstrates the development and the application of a set of integrated artificial expert systems in the area of forecasting, reservoir evaluation and multilateral well design. The applied method has gradually progressed in degrees of complexity from addressing a preliminary case of volumetric single phase gas reservoirs completed with only dual-laterals towards an expanded form of the same system with varying multi-laterals and reservoir properties to eventually and successfully implementing it to multiphase reservoirs with bottom water drive systems completed with multi-laterals (choice of 2-5 laterals). The developed method and tools cover a wide spectrum of rock and fluid properties spanning tight to conventional sands. The developed approach successfully delivers a total of five distinct artificial expert systems, three of which serve as proxies to the conventional numerical simulator and the other two as inverse-looking solutions, one that addresses the multi-lateral well design problem and the other that estimates critical reservoir properties that can be used at the very least as first estimators in assist history matching problems. 188 pp. Englisch.



READ ONLINE
[1.17 MB]

Reviews

It in a single of my personal favorite ebook. Better then never, though i am quite late in start reading this one. I am effortlessly will get a satisfaction of reading a published ebook.

-- **Ms. Lavada Krajcik**

Comprehensive guideline for book lovers. It can be filled with knowledge and wisdom I realized this publication from my dad and i suggested this pdf to find out.

-- **Ted Schumm**

See Also



Carmilla

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 140 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. Carmilla is a Gothic novella by Joseph Sheridan Le Fanu. First published in 1872, it tells the story of a...



Studyguide for Constructive Guidance and Discipline: Preschool and Primary Education by Marjorie V. Fields ISBN: 9780136035930

2009. Softcover. Book Condition: New. 5th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...



Studyguide for Preschool Appropriate Practices by Janice J. Beaty ISBN: 9781428304482

2011. Softcover. Book Condition: New. 3rd. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...



Studyguide for Skills for Preschool Teachers by Janice J. Beaty ISBN: 9780131583788

2011. Softcover. Book Condition: New. 8th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...



Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841

2011. Softcover. Book Condition: New. 8th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...



Studyguide for Creative Thinking and Arts-Based Learning : Preschool Through Fourth Grade by Joan Packer Isenberg ISBN: 9780131188310

2011. Softcover. Book Condition: New. 4th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...