

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

> LAMBERT Academic Publishing

DOWNLOAD

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.



Reviews

I actually started looking over this ebook. It is definitely simplified but excitement inside the 50 percent of your ebook. You are going to like just how the blogger create this ebook.

-- Efren Swift

An extremely wonderful ebook with lucid and perfect explanations. I was able to comprehended almost everything using this composed e publication. It is extremely difficult to leave it before concluding, once you begin to read the book. -- Kimberly Carroll

Other PDFs

-)

Learn at Home:Learn to Read at Home with Bug Club: Pink Pack Featuring Trucktown (Pack of 6 Reading Books with 4 Fiction and 2 Non-fiction)

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Learn at Home:Learn to Read at Home with Bug Club: Pink Pack Featuring Trucktown (Pack of 6 Reading Books with 4 Fiction and 2 Non-fiction), Catherine Baker, Alison Hawes, Jon Scieszka, Margaret Clyne,...

_

Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications.

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...

_	
=	

The Three Little Pigs - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 222 x 150 mm. Language: English . Brand New Book. In this classic fairy tale, the three little pigs leave home and build their own houses - one of straw, one of...

		Ì

Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginners Crochet Guide with Pictures) Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on

Demand *****.Getting Your FREE Bonus Download this book, read it to the end and see BONUS: Your FREE Gift chapter after...

	=		
	-		

Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: A Yak at the Picnic (Hardback) Oxford University Press, United Kingdom, 2014. Hardback. Book Condition: New. Mr. Nick Schon (illustrator). 177 x 148 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It is based on...

_
_

The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds

Anness Publishing. Paperback. Book Condition: new. BRAND NEW, The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds, Nicola Baxter, Geoff Ball, This is a super-size first reading book for 3-5 year olds, with an engaging story, colourful pictures...