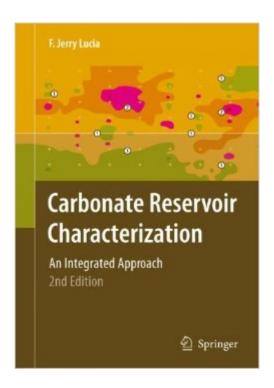
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Carbonate Reservoir Characterization: An Integrated Approach





Synopsis

F. Jerry Lucia, working in Americaâ ™s main oil-rich state, has produced a work that goes after one of the holy grails of oil prospecting. One main target in petroleum recovery is the description of the three-dimensional distribution of petrophysical properties on the interwell scale in carbonate reservoirs. Doing so would improve performance predictions by means of fluid-flow computer simulations. Luciaâ ™s book focuses on the improvement of geological, petrophysical, and geostatistical methods, describes the basic petrophysical properties, important geology parameters, and rock fabrics from cores, and discusses their spatial distribution. A closing chapter deals with reservoir models as an input into flow simulators.

Book Information

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Customer Reviews

When talking about Carbonate rocks jerry lucia is always there, this book discuss a lot of nice details that concern carbonate rocks it start from the basics and reading forward you will end up with discussions about carbonate modeling, every chapter cover a different subject I didn't feel bored reading through it, every chapters is more interesting than the one before it. Rock fabric classification I had to read twice just to get a good understanding of it, limestone and dolostone reservoirs each have their own chapters with plenty of details discussion, touching vugs reservoirs and the uses of wireline logs including borehole images. I highly recommended it for anyone with carbonate interest.

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