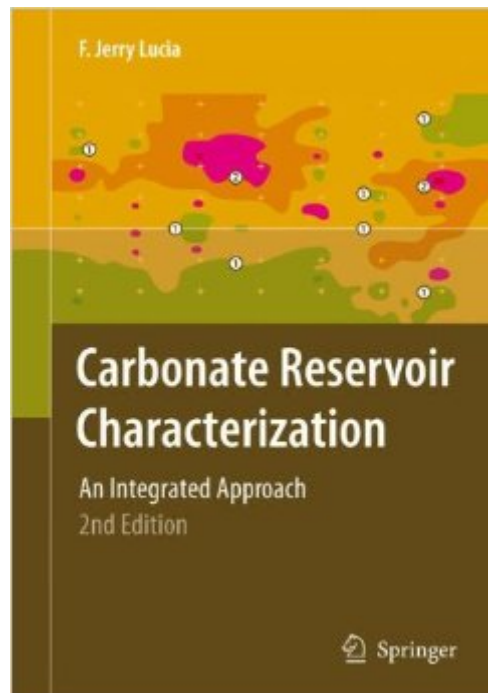


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# Carbonate Reservoir Characterization: An Integrated Approach



## Synopsis

F. Jerry Lucia, working in America'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. Lucia'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 discusses a lot of nice details that concern carbonate rocks. It starts from the basics and reading forward you will end up with discussions about carbonate modeling. Every chapter covers a different subject. I didn't feel bored reading through it, every chapter 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 dolomite 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 recommend it for anyone with carbonate interest.

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