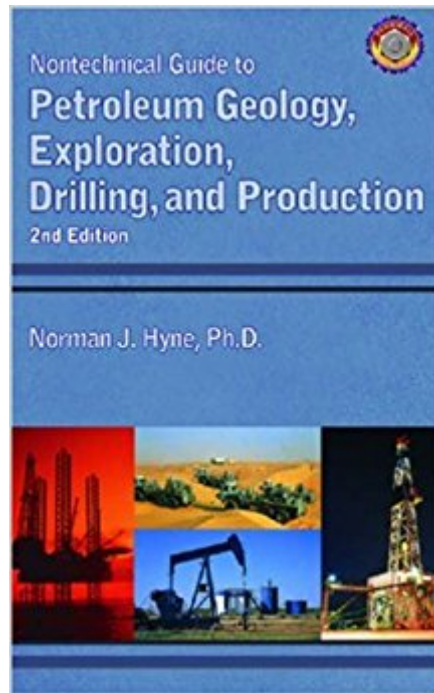


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# Nontechnical Guide To Petroleum Geology, Exploration, Drilling And Production (2nd Edition)



## Synopsis

Used by corporate training departments and colleges worldwide, this is the most complete upstream guide available. Contents: The nature of gas and oil The Earth's crust - where we find time Deformation of sedimentary rocks Sandstone reservoir rocks Carbonate reservoir rocks Sedimentary rock distribution Mapping Ocean environment and plate tectonics Source rocks, generation, migration, and accumulation of petroleum Petroleum traps Petroleum exploration - geological and geochemical Petroleum exploration - geophysical Drilling preliminaries Drilling a well - the mechanics Drilling problems Drilling techniques Evaluating a well Completing a well Surface treatment and storage Offshore drilling and production Workover Reservoir mechanics Petroleum production Reserves Improved oil recovery.

## Book Information

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Fossil Fuels > Petroleum

## Customer Reviews

In attempting to get quickly up to speed on the oil business for the purpose of participating in a few wells as a (very) small investor, I bought about ten books of various sorts. This is one of them, and has turned out to be the one I refer to the most. First, let me say that there are two different types of books on drilling for oil/gas. Broadly, they are books that concentrate mainly on the financial and legal structure of oil deals and books that concentrate on where it is and how to get it out of the ground. This book is of the second sort. The "nontechnical" part of the title is only partly true. Some of the descriptions are sufficiently technical to impart a working understanding of the operations in

the field. I, for instance, have been going to our rig (now drilling) and asking questions ("What's that blue thing?"), then coming home and reading about what I was told ("The jar is a section of pipe that either mechanically...."). Same with the drilling reports I receive.... I can look up that part of the drilling operation (ie, "sliding") and get a much better understanding of what's happening. A book comes in handy, after all, the tool pushers out on the rigs seem to be men of few words. There is also a pretty good basic course in petroleum geology in the first thirteen chapters. And, the science (art?) of geophysics gets a good once-over, too, though I confess I've not paid much attention to it yet. There are chapters on reservoirs, completion, offshore, production, workover, and more, all of which is written at the same level, and much of which I've not read in depth, only scanned. I'll read it as we get there out in the field.

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