

Oil And Gas Economics Books

This book explains how to apply economic analysis to the evaluation of engineering challenges in the petroleum industry. Discussion progresses from an introduction to the industry, through principles and techniques of engineering economics, to the application of economic methods. Packed with real-world examples and case studies demonstrating how to calculate rate of return, discounted cash flow, payout period, and more, *Petroleum Economics and Engineering, Third Edition* assists petroleum engineers, chemical engineers, production workers, management, and executives in sound economic decision-making regarding the design, manufacture, and operation of oil and gas plants, equipment, and processes. The fully revised third edition is updated to reflect key advancements in petroleum technology and expanded to include chapters on middle stream operations, known as surface petroleum operations (SPO), and natural gas processing and fractionation. By looking globally at the hydrocarbon industry, the improved text offers the reader a more complete picture of the petroleum sector, which includes the global processes of exploration, production, refining, and transportation.

Petroleum engineering now has its own true classic handbook that reflects the profession's status as a mature major engineering discipline. Formerly titled the *Practical Petroleum Engineer's Handbook*, by Joseph Zaba and W.T. Doherty (editors), this new, completely updated two-volume set is expanded and revised to give petroleum engineers a comprehensive source of industry standards and engineering practices. It is packed with the key, practical information and data that petroleum engineers rely upon daily. The result of a fifteen-year effort, this handbook covers the gamut of oil and gas engineering topics to provide a reliable source of engineering and reference information for analyzing and solving problems. It also reflects the growing role of natural gas in industrial development by integrating natural gas topics throughout both volumes. More than a dozen leading industry experts-academia and industry-contributed to this two-volume set to provide the best, most comprehensive source of petroleum engineering information available.

This book on hydrocarbon exploration and production is the first volume in the series *Developments in Petroleum Science*. The chapters are: The Field Life Cycle, Exploration, Drilling Engineering, Safety and The Environment, Reservoir Description, Volumetric Estimation, Field Appraisal, Reservoir Dynamic Behaviour, Well Dynamic Behaviour, Surface Facilities, Production Operations and Maintenance, Project and Contract Management, Petroleum Economics, Managing the Producing Field, and Decommissioning.

David Jacoby's highly regarded book addresses the specific supply chain management characteristics and needs of oil, gas, and power companies, and contains a wealth of industry-specific examples. Jacoby provides a toolbox for large-scale capital expenditure decision making and for transforming capital and operation expenditures to exert a visible financial impact in oil, gas, and power companies. The supply chain risk management decision analysis tools offered by Jacoby will help operators increase economic value added while enhancing safety and stewardship of the environment. This book is an invaluable reference resource for chief operating officers; chief financial officers; engineers; vice presidents of supply chain, operations, or production; and directors and managers of procurement, purchasing, operations, or materials management.

Energy Economics and Policy, Second Edition presents a unified analysis of energy economics and energy policy. This book deals with energy economics. It discusses the dimension of the energy problem—the role of energy in economic development, energy consumption patterns, energy supply, and oil prices. In dealing with equilibrium of energy demand and supply, the authors note that efficiency and equity

considerations should be considered simultaneously using the income tax or welfare system to redress burdens imposed on the poor. The authors also analyze OPEC behavior and oil prices and notes six keys to the long-run viability of OPEC and their implications for future prices in oil. The authors present the environmental issues in energy development and the economics of pollution control. The authors cite the efficiency of low-cost emitters that receive incentives to control more compared to high-cost emitters. As regards conservation schemes, the authors note that prorationing policies seek to remedy symptoms of over drilling, excessive production, and flaring of natural gas—instead of addressing unified and efficient contracting systems. This book can prove beneficial to economists, environmentalists, and policy makers involved in oil and energy regulation and use.

The Political Ecology of Oil and Gas Activities in the Nigerian Aquatic Ecosystem reviews the current status of the ecosystems and economic implications of oil and gas development in Nigeria, a key oil-producing state. The ecological and economic impacts of oil and gas development, particularly in developing nations, are crucial topics for ecologists, natural resource professionals and pollution researchers to understand. This book takes an integrative approach to these problems through the lens of one of the key oil-producing nations, linking natural and human systems through the valuation of ecosystem services. Provides background information on Nigerian aquatic environments, its local history of oil exploration and a review of the physical chemistry of crude oil Reviews global and national perspectives on the oil and gas industry from a physical ecological, to a socio-political and economic ecological perspective Demonstrates real-life situations of the interactions and impacts of Nigerian petroleum production on the environment and local populations through case studies The development of Nigeria's oil industry is examined comprehensively in this book, originally published in 1984. It charts the changing course of her economy and examines the dramatic effect oil has had on Nigeria's domestic and international policies. Oil has enabled her to command a powerful position in African affairs and within OPEC itself, but at the same time, has held back other forms of economic development. Nigeria's future in the oil industry, as well as in related fields such as gas, is assessed both in the light of her former policies and in the changing world economy. This book will be of interest to all concerned in the oil industry, international finance or world power politics.

There are few areas of economic policy-making in which the returns to good decisions are so high—and the punishment of bad decisions so cruel—as in the management of natural resource wealth. Rich endowments of oil, gas and minerals have set some countries on courses of sustained and robust prosperity; but they have left others riddled with corruption and persistent poverty, with little of lasting value to show for squandered wealth. And amongst the most important of these decisions are those relating to the tax treatment of oil, gas and minerals. This book will be of interest to Economics postgraduates and researchers working on resource issues, as well as professionals working on taxation of oil, gas and minerals/mining.

Thought leaders and experts offer the most current information and insights into energy finance Energy Finance and Economics offers the most up-to-date information and compelling insights into the finance and economics of energy. With contributions from today's thought leaders who are experts in various areas of energy finance and economics, the book provides an overview of the energy industry and addresses issues concerning energy finance and economics. The book focuses on a range of topics including corporate finance relevant to the oil and gas industry as well as addressing issues of unconventional, renewable, and alternative energy. A timely compendium of information and insights centering on topics related to energy finance Written by Betty and Russell Simkins, two experts on the topic of the economics of energy Covers special issues related to energy finance such as hybrid cars, energy hedging, and other timely topics In one

handy resource, the editors have collected the best-thinking on energy finance.

Joseph Hilyard's timely new book provides a broad perspective on the oil and gas industry, with primary attention to the United States. It takes the reader on a tour of the operations used to find and evaluate resources, and then to produce, store and deliver oil and gas. The book's main focus is primarily on the equipment and processes used in exploring new resources; evaluating promising formations; drilling wells; managing oil and gas production; converting oil and gas into products; and transporting oil and gas. Separate chapters address the evolution and current structure of the petroleum industry; oil and gas trading; and challenges likely to face the oil and gas industry in coming years. Three appendices define key industry terminology; suggest further reading on selected topics; and identify organizations that can provide more information.

Petroleum Economics and Risk Analysis: A Practical Guide to E&P Investment Decision-Making, Volume 69, is a practical guide to the economic evaluation, risk evaluation and decision analysis of oil and gas projects through all stages of the asset lifecycle, from exploration to late life opportunities. This book will help readers understand and make decisions with regard to petroleum investment, portfolio analysis, discounting, profitability indicators, decision tree analysis, reserves accounting, exploration and production (E&P) project evaluation, and E&P asset evaluation. Includes case studies and full color illustrations for practical application Arranged to reflect lifecycle structure, from exploration through to decommissioning Demonstrates industry-standard decision-making techniques as applied to petroleum investments in the oil and gas industry

New drilling techniques for oil and natural gas are propelling an energy production renaissance in the United States. As the US economy struggles to emerge from the Great Recession, many see the boom as a possible source of economic salvation that could reduce unemployment and revitalize American manufacturing. Until now, however, there has been little objective analysis of the energy boom's economic consequences. In this major study, Trevor Houser and Shashank Mohan fill that gap. Houser and Mohan assess the impact of the recent and projected increase in domestic energy production on US GDP, employment growth, manufacturing competitiveness, household expenditures, and international trade balance. Alongside its economic impact, they also explore the consequences for the environment and global warming, providing guidance for policymakers to navigate these issues.

A sound knowledge in different facets of Petro-economics is a sine quo non particularly for the Petro-chemical industries dealing with exploration, development, production, refining, transportation, storage and marketing of oil, natural gas and a wide-ranging Petro-product. Evolution and application of the concept of Petro-economics, following the first-ever major `oil shock` in the early 1970`s has gained strategic significance and tremendous momentum from the first decade of the 21st century on the following grounds: (i) Emerging need for integration of National energy security with Global energy security environment ; (ii) Growing concerns for safeguarding dwindling Strategic oil and natural gas reserves to cater to the growing economy in the developing world (particularly the BRIC`s Nations) with much greater projected future demand for oil and natural gas ; (iii) Segmentation of the global oil and natural gas market on geo-political basis, compounded by the overwhelming ramifications of regional economic unions; (iv) Price structuring, rationalization/ parity, and attendant accounting problems of oil and natural gas in terms of upstream, midstream, downstream, marketing/ retailing activities associated with crudes, refined oil and natural gas (including LNG, CNG) products; (v) Benchmarking the quality standards of petro-products with branding and customization for reaching out the global market; (vi) Need for activating reforms process to allow free -flow of petro-products and services in the hyper-competitive global market. With this backdrop and thematic approaches in mind, the book on Petro-Economics focuses on the following cardinal aspects

to suit all categories of readers: A. To develop a broad understanding about the genesis, exploration, production, refining, transportation and marketing of petroleum and natural gas- both from technological and management angles B. Familiarities in broad terms with general economic principles and accounting procedure for efficiently run and manage petro-businesses, covering major upstream, midstream and downstream activities C. Familiarities with national and global issues concerning energy securities and exposure to national policies conducive to oil and natural gas trading under deregulated market environment D. Implications of geopolitics and allied issues in global petro-businesses E. Role of E-commerce and petro-informatics in oil trading/ petro-retailing

This book examines the economics of the entire value chain of the oil and gas industry, from exploration, development, and production, to transportation, refining, and marketing. At each stage, the key economic costs, considerations, and appropriate business strategies are explored.

Formulas and Calculations for Petroleum Engineering unlocks the capability for any petroleum engineering individual, experienced or not, to solve problems and locate quick answers, eliminating non-productive time spent searching for that right calculation. Enhanced with lab data experiments, practice examples, and a complimentary online software toolbox, the book presents the most convenient and practical reference for all oil and gas phases of a given project. Covering the full spectrum, this reference gives single-point reference to all critical modules, including drilling, production, reservoir engineering, well testing, well logging, enhanced oil recovery, well completion, fracturing, fluid flow, and even petroleum economics. Presents single-point access to all petroleum engineering equations, including calculation of modules covering drilling, completion and fracturing Helps readers understand petroleum economics by including formulas on depreciation rate, cashflow analysis, and the optimum number of development wells

This book examines the ways that oil economics will impact the rapidly changing global economy, and the oil industry itself, over the coming decades. The predictions of peak oil were both right and wrong. Oil production has been constrained in relation to demand for the past decade, with a resulting four-fold increase in the oil price slowing the entire global economy. High oil prices have encouraged a small increase in oil production, and mostly from the short-lived “fracking revolution,” but enough to be able to claim that “peak oil” was a false prophecy. The high oil price has also engendered massive exploration investments, but remaining hydrocarbon stocks generally offer poor returns in energy (the energy return on investment or EROI) and financial terms, and no longer replace the reserves being produced. As a result, the economically powerful oil companies are under great pressure, both financially and politically, as oil remains the backbone of the global economy./div”Development scenarios and political pressure for growth as a means of solving economic woes both require more net energy, which is the amount of energy available after energy (and thus financial) inputs required for new sources to come on line are deducted. In today’s economy, more energy usually means more oil. Although a barrel of oil from any source may look the same, “tight oil” and oil from tar sands require much higher prices to be profitable for the producer; these expensive sources have very different economic implications from the conventional oil supplies that underpinned economic growth for most of the 20th century. The role of oil in the global economy is not easily changed. Since currently installed infrastructure assumes oil, a change implies more than just substitution of an energy source. The speed with which such basic structural changes can be made is also constrained, and ultimately themselves dependent on fossil fuel inputs. It remains unclear how this scenario will evolve, and that uncertainty adds additional economic pressure to the investment decisions that must be made. “Drill baby drill” and new pipeline projects may be attractive politically, but projections of economic and associated oil production growth based on past performance are clearly untenable.

This book addresses energy research from four distinct International Political Economy perspectives: energy security, governance, legal and developmental areas. Energy is too important to be neglected by political scientists. Yet, within the mainstream of the discipline energy research still remains a peripheral area of academic enquiry seeking to plug into the discipline's theoretical debates. The purpose of this book is to assess how existing perspectives fit with our understanding of social science energy research by focusing on the oil and gas dimension.

This book is the fifth in a series of books on the major petroleum and gas exporting nations, most of them part of the developing world. Because of its gas dimension, Algeria occupies a special position in the global economy, particularly with regard to Europe. At the same time, despite its efforts to diversify the economy, Algeria still finds that its prospects are closely bound to the future of oil and gas. A comprehensive overview of the field of energy economics focusing on all the component industries as well as environmental and regulatory issues.

Fundamentals of Petroleum Refining presents the fundamentals of thermodynamics and kinetics, and it explains the scientific background essential for understanding refinery operations. The text also provides a detailed introduction to refinery engineering topics, ranging from the basic principles and unit operations to overall refinery economics. The book covers important topics, such as clean fuels, gasification, biofuels, and environmental impact of refining, which are not commonly discussed in most refinery textbooks. Throughout the source, problem sets and examples are given to help the reader practice and apply the fundamental principles of refining. Chapters 1-10 can be used as core materials for teaching undergraduate courses. The first two chapters present an introduction to the petroleum refining industry and then focus on feedstocks and products. Thermophysical properties of crude oils and petroleum fractions, including processes of atmospheric and vacuum distillations, are discussed in Chapters 3 and 4. Conversion processes, product blending, and alkylation are covered in chapters 5-10. The remaining chapters discuss hydrogen production, clean fuel production, refining economics and safety, acid gas treatment and removal, and methods for environmental and effluent treatments. This source can serve both professionals and students (on undergraduate and graduate levels) of Chemical and Petroleum Engineering, Chemistry, and Chemical Technology. Beginners in the engineering field, specifically in the oil and gas industry, may also find this book invaluable. Provides balanced coverage of fundamental and operational topics Includes spreadsheets and process simulators for showing trends and simulation case studies Relates processing to planning and management to give an integrated picture of refining

This book discusses the oil industry and its impact on the world economy in the twentieth century. It examines the importance of oil in different sectors, from 1900-1973 and stresses the relevance of oil as a factor in modern economic history not only in national terms but also within an international context. The book includes chapters on American policy towards developing economies in the first half of the 20th century; the policy of Russian oil exports in the 20s and 30s; the financing of the German and French oil industries; and the role of oil in the Japanese economy, a major industrial country without oil resources. On the international front, the book covers the impact of the Middle East national oil companies, the effect of oil on the developing countries of South Ameirca and the relevance of the oil crisis of 1973.

Please contact the authors at upstream.petroleum.in.excel@gmail.com for details of how to access the trial version of Crystal Ball, as well as the Excel and other files which are *not* part of the e-book version download. "This is a book no deal team should be without. It is a must for those involved in upstream oil and gas transactions, planning, budgeting, investment appraisal and portfolio management. Its step-by-step approach cuts through complexity, making it comprehensive and understandable by a wide range of users with a wide range of abilities. It

can be used as a textbook, an introductory primer or as a handbook that you can dip in and out of or read cover to cover." —Michael Lynch–Bell, Senior Advisor, Oil & Gas, Ernst & Young LLP; ex-officio Chairman, UN Expert Group on Resource Classification In the upstream petroleum industry, it is the value of post–tax cashflows which matters most to companies, governments, investors, lenders, analysts, and advisors. Calculating these cashflows and understanding their “behavior,” however, is challenging, as the industry’s specialized fiscal systems can be complex, jargon–laden, and sometimes seem to be a “world of their own”. Upstream Petroleum Fiscal and Valuation Modeling in Excel: A Worked Examples Approach demystifies fiscal analysis which, unlike disciplines such as Earth sciences and engineering, can be learned from a book. Written in plain English for laymen and for experienced practitioners alike, it is a reader–friendly, clear, practical, step–by–step hands–on guide for both reference and self–paced study. The book does not catalogue the 100+ different petroleum fiscal regimes in use at the time of writing. Rather, drawing on the authors’ combined 48 years’ experience, it takes a more timeless, generic treatment, by covering the most common variants of royalties, taxation, production sharing arrangements, bonuses and abandonment funding , through a dual approach: first, showing how to model them in Excel , and then providing interactive exercises to prompt (and answer) questions that analyze impacts on cashflows. In addition to the main text, the book consists of over 120 Excel files (ranging from modular examples to full models) in Excel 2007 and 2003 formats; over 400 pages of supplementary PDF files; VBA features to enhance model functionality; and an introduction to risk modeling with exercises for the included trial version of Oracle’s Crystal Ball software. It offers both a wealth of content and models equal to or surpassing what is available from fiscal modeling courses costing several times more; and greater insights into underlying calculations than commercially available “black box” fiscal software. New US Securities and Exchange Commission (SEC) rules planned for 2013 will force petroleum companies to disclose more fiscal information on an individual country basis. This will make it more important than ever for analysts to understand how to model oil and gas terms and the potential impacts of the disclosed government payments on future oil and gas company profitability. Due to the heavy use of graphics and cross references used in this particular text, some readers might find that the printed book offers a more optimal reading experience than certain e-formats particularly with the Kindle eMobi format.

The Economics of Oil and GasThe Economics of Oil and GasEconomics of Big Business

Environmental and Health Issues in Unconventional Oil and Gas Development offers a series of authoritative perspectives from varied viewpoints on key issues relevant in the use of directional drilling and hydraulic fracturing, providing a timely presentation of requisite information on the implications of these technologies for those connected to unconventional oil and shale gas development. Utilizing expertise from a range of contributors in academia, non-governmental organizations, and the oil and gas industry, Environmental and Health Issues in Unconventional Oil and Gas Development is an essential resource for academics and professionals in the oil and gas, environmental, and health and safety industries as well as for policy makers. Offers a multi-disciplinary appreciation of the environmental and health issues related to unconventional oil and shale gas development Serves as a collective resource for academics and professionals in the oil and gas, environmental, health, and safety industries, as well as environmental scientists and policymakers Features a diverse and expert group of chapter authors from academia, non-governmental organizations, governmental agencies, and the oil and gas industry

A prominent linchpin in world politics and in security policies world over, oil and gas have tremendous value in both, the political and economical sectors of global relations, business establishments and policy. Regardless of whether one is a novice to a given field, or a well accomplished veteran in the field, there is a need for the continued engagement with the basics that underlie the core subjects. With that in

mind, the Fundamentals of Oil and Gas is a perfect primer for the first-timer in the field, while also a copious text to help a seasoned veteran stay abreast with the nuances of the world of Oil and Gas.

An Economic Geography of Oil, first published in 1963, analyses the reasons behind the spatial distribution of the different sectors of the world oil industry. In the first part of the book, Peter Odell examines the pattern of the world supply of oil, showing the important changes that took place between 1945 and the early 1960s and highlighting the physical, economic, political and organizational factors which contributed to these developments. In the second part, Odell analyses the relationship between oil and other sources of energy, together with the more fundamental relationship between energy consumption in different areas of the world, and economic development. Finally, attention is paid to those aspects of the industry which are concerned with getting the oil from the point of production to that of consumption; the refining industry, transportation requirements and local distribution patterns are studied. These strands are drawn together in a relevant and interesting conclusion, which considers the overall impact of the oil industry on economic and industrial development.

Handbook of Offshore Oil and Gas Operations is an authoritative source providing extensive up-to-date coverage of the technology used in the exploration, drilling, production, and operations in an offshore setting. Offshore oil and gas activity is growing at an expansive rate and this must-have training guide covers the full spectrum including geology, types of platforms, exploration methods, production and enhanced recovery methods, pipelines, and environmental management and impact, specifically worldwide advances in study, control, and prevention of the industry's impact on the marine environment and its living resources. In addition, this book provides a go-to glossary for quick reference. Handbook of Offshore Oil and Gas Operations empowers oil and gas engineers and managers to understand and capture on one of the fastest growing markets in the energy sector today. Quickly become familiar with the oil and gas offshore industry, including deepwater operations Understand the full spectrum of the business, including environmental impacts and future challenges Gain knowledge and exposure on critical standards and real-world case studies

The petroleum industry is arguably the most influential and important industry in the world. This book offers a comprehensive introduction to the economics of oil and natural gas extraction and production along with a detailed discussion of pricing, taxing, and markets of these most valuable commodities. The optimization of the time profile of revenues from individual fields is discussed along with the development of oil pricing, tax systems, and oil and natural gas regulation. This book will be of great value to petroleum engineers, students in business and economics, policy makers, and anyone else interested in the future of petroleum production.

Oil and Gas in Trinidad and Tobago presents a historical economic review of the energy sector of Trinidad and Tobago, followed by a detailed evaluation of policies associated with resource abundance and the effects on the economy from various perspectives, including industrialization, labor productivity, education, export diversification, and competitiveness. This book utilizes a wide range of statistical data and methodologies to both economically and statistically analyze these issues at hand. The content of this book will be useful not only for policymakers but also for researchers and students interested in the field.

From Oil to Gas and Beyond chronicles the history of the petroleum industry in Trinidad and Tobago and appraises major policy decisions impacting its economy. The book details the macroeconomic, commercial, and technical challenges faced by Trinidad and Tobago in the monetization of its oil and gas resources over the past one hundred years. The contributors cover several topics including local content, national participation, sustainability, communication, leadership, energy diplomacy, environmental law and macroeconomic policy.

Countries that are rich in petroleum have less democracy, less economic stability, and more frequent civil wars than countries without oil.

What explains this oil curse? And can it be fixed? In this groundbreaking analysis, Michael L. Ross looks at how developing nations are shaped by their mineral wealth--and how they can turn oil from a curse into a blessing. Ross traces the oil curse to the upheaval of the 1970s, when oil prices soared and governments across the developing world seized control of their countries' oil industries. Before nationalization, the oil-rich countries looked much like the rest of the world; today, they are 50 percent more likely to be ruled by autocrats--and twice as likely to descend into civil war--than countries without oil. The Oil Curse shows why oil wealth typically creates less economic growth than it should; why it produces jobs for men but not women; and why it creates more problems in poor states than in rich ones. It also warns that the global thirst for petroleum is causing companies to drill in increasingly poor nations, which could further spread the oil curse. This landmark book explains why good geology often leads to bad governance, and how this can be changed.

Market value is set by investor behaviourbut objective methods of valuation are vital for accurate predictions of market behaviour. What are the key issues facing the industry - and the main points the analyst needs to look for when interpreting oil industry accounts? Do the best prospects necessarily lie with the larger and better-financed companies? How best can an investment strategy be managed in the refining industry, with its conflicting pressures of environmental controls and inadequate returns? This unique and authoritative book has the answers to these and many other questions, offering a series of benchmarks and performance indicators with which to evaluate oil company shares. An updated edition of a respected and established title, it remains the only comprehensive handbook of its kind available, and will be eagerly welcomed by corporate planners as well as investors and analysts. An essential and practical guide for investors, analysts and corporate planners The only book which shows how to actually value oil and gas companies International in outlook

Engineers seek solutions to problems, and the economic viability of each potential solution is normally considered along with the technical merits. This is typically true for the petroleum sector, which includes the global processes of exploration, production, refining, and transportation. Decisions on an investment in any oil or gas field development are made on the basis of its value, which is judged by a combination of a number of economic indicators. Economic Analysis of Oil and Gas Engineering Operations focuses on economic treatment of petroleum engineering operations and serves as a helpful resource for making practical and profitable decisions in oil and gas field development. Reflects major changes over the past decade or so in the oil and gas industry Provides thorough coverage of the use of economic analysis techniques in decision-making in petroleum-related projects Features real-world cases and applications of economic analysis of various engineering problems encountered in petroleum operations Includes principles applicable to other engineering disciplines This work will be of value to practicing engineers and industry professionals, managers, and executives working in the petroleum industry who have the responsibility of planning and decision-making, as well as advanced students in petroleum and chemical engineering studying engineering economics, petroleum economics and policy, project evaluation, and plant design.

The evolution of the Nigerian oil and gas industry spanned about a century during which several challenges were encountered and surmounted by major International Oil Companies (IOCs). This book provides a thoroughly researched guide to the Nigerian oil and gas industry. The author examines the increasing role of Africa in the contribution of oil and gas resources to the global energy market and provides an overview of oil and gas exploration and production activities in Algeria , Libya , Egypt and Angola . The book presents an in-depth review of the growth and challenges of the Nigerian oil and gas industry. It also highlights the geological features of the oil and gas bearing regions of the country. In particular, the emerging prominence of the Gulf of Guinea as a prolific hydrocarbon bearing zone is extensively evaluated.

This book is a valuable tool in understanding the dynamics of the oil industry from both a broad and specific economic perspective. It contains insights into the underlying features and mechanisms of the oil industry and its many branches, as well as a special emphasis on relevant international problems. It also provides a wealth of statistical information and should be of interest to all concerned with energy matters" (Euroil). "Petroleum Economics, by Jean Masseron, is a fine introductory text to the entire scope of activities and economic conditions facing the world-wide petroleum industry" (AAPG Bulletin). "This book, already used by many organizations, should be especially useful for engineers, economists and managers concerned with energy matters, and also those who, beyond the technical aspects, wish to acquire and in-depth understanding of the economic mechanisms in a vital sector for world development today" (JCPT). Contents : Introduction: Principal economic characteristics. I. Crude oil supply and demand. 1. The crude oil market. 2. Technical cost of exploration and production. 3. Tax and legal aspects. II. The economics of crude oil transportation. 1. Transportation by tanker. 2. Crude oil pipelining. III. Finished products supply: refining. 1. The search for optimal economic conditions. 2. Present unit location and cost of refinery processing. 3. Legal organization. IV. Demand and marketing of petroleum products. 1. The petroleum products in the principal consuming countries. 2. The distribution of petroleum products. 3. The marketing of petroleum products. V. Petrochemicals. 1. General characteristics. 2. Economics of two large basic units. 3. The market for the principal finished products. 4. Problems of today. VI. Natural gas. 1. Natural gas supply in the world. 2. Transportation. 3. International markets and prices. Conclusion: Energy and petroleum problems of the future. Bibliography. "This book describes the petroleum industry in easy-to-understand language for both the layperson and engineer alike. From the economics of searching for oil and gas, getting it out of the ground, into pipelines, into refineries, and, finally, into your gas tank, this book covers the petroleum industry like no other treatment before"--Provided by publisher.

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