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# **Petroleum Economics Editions Technip**

**Hussein K. Abdel-Aal, Mohammed A.  
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**Petroleum Economics** Jean Masseron,1990 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

*Petroleum Economics* Jean Masseron,1990

**Petroleum Economics and Engineering, Second Edition** M.A. Al-Sahlawi,1992-01-22 Revised and updated to reflect major changes in the field this second edition presents an integrated and balanced view of current attitudes and practices used in sound economic decision making for engineering problems encountered in the oil industry The volume contains many problem solving examples demonstrating how economic analyses are applied to different facets of the oil industry Discussion progresses from an introduction to the industry through principles and techniques of engineering economics to the application of economic methods to the oil industry It provides information on the types of crude oils their finished products and resources of natural gas and also summarizes worldwide oil production and consumption data

*Petroleum Economics and Engineering, Third Edition* Hussein K. Abdel-Aal,Mohammed A. Alsahlawi,2013-12-14 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

**An Introduction to Petroleum Technology, Economics, and Politics** James G. Speight, 2011-10-24 The perfect primer for both the layperson and the engineer for the new hire and the old hand describing in easy to understand language one of the biggest and most lucrative industries in the world There is only one substance known to mankind that can cause wars influence global economies and make entire countries rich petroleum One teaspoon of the stuff carries enough energy to power a ton truck up a hill It s in the news every single day it influences our lives in ways that we cannot fathom and it is the most important commodity in the world But how much does the average person even the average engineer know about it 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 to the pitfalls of drilling and production 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 There is coverage of pricing and the economics of this very important resource as well which is useful not only to engineers but to economists and really anyone who uses it From jet fuel to gasoline to natural gas and plastics petroleum is one of the integral products of our lives We are practically bathed in it from birth our food is protected by it and it even has healing properties Learn all about this incredible substance and its fascinating history and highly debated future An Introduction to Petroleum Technology Economics and Politics Gives a thorough summary of the petroleum and natural gas industry from prospect to production to pipeline New technologies such as directional and underbalanced drilling are covered in easy to understand language Useful not only for newcomers and laypersons but for engineers and students particularly those for whom English is a second language Examines the basics of pricing and valuation

**Petroleum Economics** Rognvaldur Hannesson, 1998-10-28 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

**Worldwide Petroleum Economics** David Fox, 1995-01-01

**Oil and Gas Exploration and Production** Nadine Bret-Rouzaut, Jean-Pierre Favennec, 2011 With contributions by D Babusiaux IFP Energies nouvelles S Barreau IFP Energies nouvelles P R Bauquis Total N Bret Rouzaut IFP Energies nouvelles A Ch trit Total P Copinschi IFP Energies nouvelles J P Favennec IFP Energies nouvelles R Festor Total E Feuillet Midrier IFP Energies nouvelles M Grossin Total D Guirauden Beicip V Lepez Total P Sigonney Total et M Valette Total The first edition of this book has been selected for inclusion in Choice s annual Outstanding Academic titles list It has been rewarded for its excellence in scholarship and presentation the significance of its contribution to the field and its value as important treatment of the subject The steps that lead to the production of oil and gas are diverse complex and costly They are diverse because the detection of oil and gas involves input from many specialties ranging from geology to reservoir engineering They are complex as shown by the development of the job of the petroleum architect who coordinates all the operations They are costly as the investments for exploration and production represent more than half of all investments in the oil and gas sector Moreover exploration is a risky activity both from the technical and financial viewpoint only one well in five produces marketable oil Meanwhile the areas for exploration and production are spread throughout the world This book provides a complete overview of the stakes and challenges involved in oil and gas exploration and production Following a historical review and a survey of the markets the technical phases are covered as are the evaluation of reserves the estimation of investments and costs the decision making and control processes and the accounting legal and contractual environment for these activities The book concludes with a discussion of the role of safety and of environmental and ethical issues This work which is designed for readers concerned with the various aspects of the oil and gas upstream sector is accessible to all This second edition takes into account the huge changes in the oil and gas industry particularly the large increases in oil prices investments and costs observed since the first edition This book is available in French under the title Recherche et production du p trole et du gaz Contents 1 Petroleum a strategic product 2 Oil and gas exploration and production 3 Hydrocarbon reserves 4 Investments and costs 5 Legal fiscal and contractual framework 6 Decision making on exploration and production 7 Information accounting and competition analysis 8 Health safety the environment ethics Bibliography Glossary Index

The Geopolitics of Energy Jean-Pierre Favennec,2011 Rarely has the world s energy sector known such a complicated and fragile environment as that being experienced in 2011 Energy demand is increasing rapidly because of growth in the developing countries It is largely met by fossil fuels oil natural gas and coal and also by hydraulic and nuclear power The use of all these forms of energy now gives rise to controversy A year after the uncontrollable oil leaks from the Macondo well in the Gulf of Mexico the consequences of the accident are still being debated The development of shale gas currently the source of half natural gas production in the United States meets strong opposition in a number of European countries Even more serious the accident at Fukushima has put into question the future development of nuclear power particularly in Europe but also in the USA There is considerable criticism of the use of coal which is the source for most of the energy needs in China and a number of developing countries because of its emissions of CO2 and other pollutants Even traditional biomass whose use leads to deforestation and to respiratory diseases and the development of hydraulic power are the subject of debate How should one judge between these different energies How can decisions be taken between reducing consumption and increasing production What is the future for new renewable energies These are the issues at stake on the energy sector This book appears just at the right time to provide clear and well documented replies to the questions that all of us as energy users are posing How are the different forms of energy produced What does the future hold for them Who are the players active in the energy scene What are the supply constraints What is the impact of the strong growth in India and China on energy resources The book is in two parts The first sets out the major characteristics of the energy sector The second provides an analysis of the global energy issues region by region and details the geopolitical aspects This work is well illustrated and accessible to all as it does not require any specific prior knowledge It will particularly interest readers seeking a global perspective of a sector that is fundamental both to our economy and also for our international policies

*Petroleum Economics* Jean Masseron,1990

*Economics of Petroleum Production: Value and worth* Ian Lerche,Sheila Noeth,2004 Report Original ISBN not available alternate ISBN recorded Comments ISBN 9780906522233 replaced with 9780906522240

**Economic Analysis of Oil and Gas Engineering Operations** Hussein K. Abdel-Aal,2021 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

**Introduction to Petroleum Economics** Chris Hinkin,2020-08-26 Introduction to Petroleum Economics is about the process of gathering project data calculating whether a project should proceed and delivering recommendations It discusses the science of petroleum economics starting from square one the tools of the trade that petroleum economists use day in and day out and also its application Along the way the author relates some helpful and informative anecdotes based on his almost twenty year career as a petroleum economist Vital for all oil professionals as well as students Introduction to Petroleum Economics unravels the decision making behind why a petroleum project moves ahead or ends

**Practical Petroleum Economics and Fiscal Regimes** Henry Hawkins,2016-10-12 An introduction to petroleum economics theory including cash flow analysis global fiscal regimes portfolio theory and practical model building

**A Study of Petroleum Economics** Norman Dunham Fitzgerald,1932

**Modern Petroleum Economics** A. P. H. Van Meurs,1981

**Petroleum Fiscal Systems and Contracts** Muhammed Mazeel,2010-06 The petroleum fiscal system for a country is essentially the taxation structure including royalty payments that has been established by legislation More broadly the fiscal system includes all aspects of the contractual and taxation framework that governs the relationship between the host government and an international oil company Worldwide there are many different fiscal systems with different taxation and contractual terms These vary from country to country and some countries use more than one system Countries for example may offer concessionary system arrangements or service and production sharing agreements Whichever system prevails the issue for an oil company is how it can recover costs expended and how will the profit be divided This depends upon tax regulations and the principles of the economics of the life of a field The focus of this book is on the mechanics of the various kinds of fiscal systems and the factors that drive exploration and development economics The emphasis is on practical aspects of petroleum taxation and industry government relationships There is also fertile ground for considering the philosophy of petroleum taxation which has changed the industry Legal and operational aspects of contract fiscal terms are also examined to provide a foundation in the dynamics of international negotiations Both industry and government viewpoints are addressed in this book since a complete grasp of the subject requires an understanding of the aims and concerns of both sides There are few things more discouraging for a government s national oil company than an unsuccessful licensing round Yet prolonged inconclusive negotiations can be equally frustrating for oil companies This book has been written for those interested in petroleum taxation and international negotiations and the way to carry out successful exploration and development projects Much of the subject has evolved years ago whilst some aspects of taxation are timeless Exam

**The Economics of Petroleum** Joseph Ezekiel Pogue,1921

**Economics of Petroleum, Principles** Roshdy Ebrahim, 2018-02-25 As the power source of social developments energy is of decisive importance to a country's economic performance competition ability and overall national strength Among all kinds of energy petroleum and natural gas functioning as the key resources high quality chemical raw materials and indispensable war materials are capturing more and more attention nowadays by countries all around the world that is why they are also called the black gold Fossil fuels coal oil and natural gas provide about 87 % of the energy utilized by humanity and modern societies are completely dependent upon this massive amount of energy to maintain and grow their size and complexity Among the fossil fuels oil takes a special place not only providing about 33 % of global energy but also being the predominant transport fuel given its energy density and liquid form at room temperature Since the exploration extraction and transportation of the other fossil fuels are themselves heavily dependent upon the availability of oil a shortage of oil could easily lead to constraints on the supply of all the other fossil fuels Coal gas and even plants such as corn and sugarcane can be used to produce something like oil but much of the energy is used up in the conversion process In the foreseeable future these processes will not be able to significantly offset declines in oil production as there are severe limitations on the rate at which the required facilities could be put in place and the scale of production that they could support Some transport sectors could be converted to use electricity but the huge infrastructure and vehicle changes needed would require significant amounts of the declining net energy supplies available History demonstrates that large scale energy use transformations have taken many decades to complete Thus if global oil production falters or even falls within the next decade economic growth will almost certainly grind to a halt This book is considered the mean ground or the infrastructure to understand the petroleum economics I hope it will be good enough for you enjoy

**Worldwide Petroleum Economics** David Fox, 1995-01-01



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