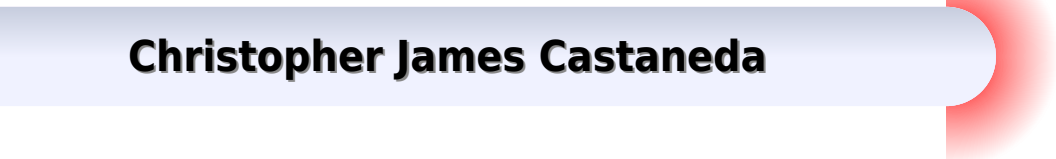




Natural Gas Industry

Christopher James Castaneda



Natural Gas Industry:

Natural Gas Industry, 1921 The Natural Gas Industry in Appalachia David A. Waples, 2012-05-10 The large scale practical uses of natural gas were initially introduced by innovators Joseph Pew and George Westinghouse for the steel and glass industries in Pittsburgh and local gas companies evolved from individual wells to an interstate supply network acquired by Rockefeller's Standard Oil interests Natural gas is now a prevalent part of American markets and with the production from the Marcellus shale is filling the critical void left by a lack of new coal oil and nuclear power facilities This vital American enterprise began in the Appalachian states as an accidental and underestimated byproduct of the oil rush of 1859 This book explores the evolution and significance of the natural gas industry to the present day **The Natural Gas Industry** Mario Medici, 1974 *A Brief History of the Natural Gas Industry...* H. C. Zwetsch, 1927 **Regulated Enterprise** Christopher James Castaneda, 1993 Christopher Castaneda's study of the construction of the pipelines that transported southwestern gas to the Northeast traces the ways in which the federal regulatory process fostered competitive growth in the natural gas industry In 1938 the Natural Gas Act granted the Federal Power Commission jurisdiction over the interstate transmission and sale of natural gas The FPC used its new powers to guide shape and manage an intensely competitive period in the industry As Castaneda shows aggressive and politically astute entrepreneurs based in the Southwest took advantage of economic opportunity and a regulatory environment conducive to industry growth They financed and built the nation's longest gas pipelines to connect the massive southwestern reserves with the major northern energy markets The coal industry which supplied the raw product for manufactured gas and the railroad industry which transported the coal adamantly but unsuccessfully opposed the action and attempted to halt the introduction of natural gas into their northeastern markets First during the war years emergency regulatory agencies directed the expansion of the industry into Appalachia Then in the ensuing peacetime market forces prompted entrepreneurs to compete vigorously for regulatory approval to build pipelines to sell natural gas in the Northeast While previous studies have examined the development of the natural gas industry after 1954 when the Supreme Court's Phillips decision established the FPC as a regulator of price control rather than as a manager of industrial growth Castaneda's is the first to examine this earlier entrepreneurial era Based on exhaustive research in corporate records and government documents *Regulated Enterprise* offers a case study of government business relations during a period of rapid industrial expansion and suggests a new way of looking at federal regulation and competitive growth BOOK JACKET Title Summary field provided by Blackwell North America Inc All Rights Reserved *The Natural Gas Industry* Edward J. Neuner, 1960 **Evolution of the Gas Industry** Malcolm W. H. Peebles, 1980 **The Natural Gas Industry** Arlon R. Tussing, Connie C. Barlow, 1984-01-01 **The Natural Gas Industry and the Environment** National Industrial Pollution Control Council, 1972 **The Natural Gas Industry in Appalachia** David A. Waples, 2005 The large scale practical uses of natural gas were initially introduced by

innovators Joseph Pew and George Westinghouse for the steel and glass industries in Pittsburgh and local gas companies evolved from individual wells to an interstate supply network acquired by Rockefeller's Standard Oil interests. Natural gas is now a prevalent part of American markets and is filling the critical void left by a lack of new coal, oil, and nuclear power facilities. This vital American enterprise began in the Appalachian states as an accidental and underestimated byproduct of the oil rush of 1859. This book explores the evolution and significance of the natural gas industry. Early chapters discuss the first natural gas discoveries in the 1800s, the ways in which entrepreneurs used the fuel, the consequent displacement of the manufactured gas industry, and the expansion of the Appalachian natural gas network largely initiated by Standard Oil interests into major regional markets. Later chapters discuss the growth of the Appalachian drilling industry, the first wooden and metal pipelines, the development of gas compressor engines, the pioneering of gas storage fields, and the genesis of gas marketing for lighting, heating, cooking, and industrial use. The concluding chapter describes the growth of the Appalachian natural gas industry since its major source of supply shifted from local wells in the 1950s to new discoveries of natural gas in the southwestern United States and the Gulf of Mexico. The conclusion also describes the impact of gas shortages and the government regulation that affects the industry to the present day. **Fundamentals of the Natural Gas Industry**, 1997

Cold, Hungry and in the Dark Bill Powers, 2013-07-02 Examines the natural gas industry arguing that the declining productivity and increasing demand will trigger a crisis that will cause prices to rise and more damage to the economy.

Natural Gas Vaclav Smil, 2015-07-06 Natural gas is the world's cleanest fossil fuel; it generates less air pollution and releases less CO₂ per unit of useful energy than liquid fuels or coals. With its vast supplies of conventional resources and nonconventional stores, the extension of long distance gas pipelines and the recent expansion of liquefied natural gas trade, a truly global market has been created for this clean fuel. *Natural Gas: Fuel for the 21st Century* discusses the place and prospects of natural gas in modern high energy societies. Vaclav Smil presents a systematic survey of the qualities, origins, extraction, processing, and transportation of natural gas, followed by a detailed appraisal of its many preferred traditional and potential uses and the recent emergence of the fuel as a globally traded commodity. The unfolding diversification of sources, particularly hydraulic fracturing, and the role of natural gas in national and global energy transitions are described. The book concludes with a discussion on the advantages, risks, benefits, and costs of natural gas as a leading if not dominant fuel of the 21st century. This interdisciplinary text will be of interest to a wide readership concerned with global energy affairs, including professionals and academics in energy and environmental science, policy makers, consultants, and advisors with an interest in the rapidly changing global energy industry. *Natural Gas* James G. Speight, 2018-11-26 *Natural Gas: A Basic Handbook*, Second Edition provides the reader with a quick and accessible introduction to a fuel source industry that is transforming the energy sector. Written at an introductory level but still appropriate for engineers and other technical readers, this book provides an overview of natural gas as a fuel source, including its origins, properties, and composition. Discussions include the

production of natural gas from traditional and unconventional sources the downstream aspects of the natural gas industry including processing storage and transportation and environmental issues and emission controls strategies This book presents an ideal resource on the topic for engineers new to natural gas for advisors and consultants in the natural gas industry and for technical readers interested in learning more about this clean burning fuel source and how it is shaping the energy industry Updated to include newer sources like shale gas Includes new discussions on natural gas hydrates and flow assurance Covers environmental issues Contain expanded coverage of liquefied natural gas LNG Liquid Natural Gas in the United States John Hrastar, 2014-06-24 When natural gas was first discovered in Appalachia in the 19th century its development as a fuel was rapid Unlike oil and coal gas could be moved only by pipeline and required large containers for storage It was not possible to cope with peak loads without adding excessive pipeline capacity until just before World War II when two sister gas companies developed a plant to liquefy and store natural gas as a liquid the liquid was then regasified to deal with peak loads The liquid is 1/600 the volume of the gas but it requires storage at an extremely low temperature 1/260 F This worked well until 1944 when a liquid natural gas LNG tank in Cleveland ruptured and caused a fire with 130 fatalities The fire did not end the industry but caused it to pause Over the next few years the problems in materials design standards and siting were solved The recognition that liquefaction made LNG transportable without a pipeline was the breakthrough In 1959 a shipload of LNG went from Louisiana to Britain and restarted the LNG industry It is now a major worldwide energy industry and the topic of this work *The Natural Gas Journal*, 1916 **Handbook of Natural Gas Transmission and Processing** Saeid Mokhatab, William A. Poe, John Y. Mak, 2018-10-26 Written by an internationally recognized team of natural gas industry experts the fourth edition of Handbook of Natural Gas Transmission and Processing is a unique well researched and comprehensive work on the design and operation aspects of natural gas transmission and processing Six new chapters have been added to include detailed discussion of the thermodynamic and energy efficiency of relevant processes and recent developments in treating super rich gas high CO₂ content gas and high nitrogen content gas with other contaminants The new material describes technologies for processing today's unconventional gases providing a fresh approach in solving today's gas processing challenges including greenhouse gas emissions The updated edition is an excellent platform for gas processors and educators to understand the basic principles and innovative designs necessary to meet today's environmental and sustainability requirement while delivering acceptable project economics Covers all technical and operational aspects of natural gas transmission and processing Provides pivotal updates on the latest technologies applications and solutions Helps to understand today's natural gas resources and the best gas processing technologies Offers design optimization and advice on the design and operation of gas plants The Natural Gas Market Paul W. MacAvoy, 2008-10-01 Over the past six decades federal regulatory agencies have attempted different strategies to regulate the natural gas industry in the United States All have been unsuccessful resulting in nationwide gas shortages or massive gas surpluses and costing the nation

scores of billions of dollars In addition partial deregulation has led the regulatory agency to become more involved in controlling individual transactions among gas producers distributors and consumers In this important book Paul MacAvoy demonstrates that no affected group has gained from these experiments in public control and that all participants would gain from complete deregulation Although losses have declined with partial deregulation in recent years current regulatory practices still limit the growth of supply through the transmission system MacAvoy s history of the regulation of natural gas is a cautionary tale for other natural resource or network industries that are regulated or are about to be regulated DIV

Regulation of the Natural Gas Producing Industry Keith C. Brown,2017-02-17 Originally published in 1972

Regulation of the Natural Gas Producing Industry combines several papers prepared for a seminar in Washington D C in 1970 The purpose of this seminar was to exchange views between specialists on the issues related to regulation natural gas production As such these papers explore issues such as producer price regulations arguments for and against the regulation of natural gas the changing environment of natural gas supply and what the future holds in terms of the natural gas producing industry This title will be of interest to students of Environmental Studies and policy makers *The Natural Gas Industry* M. Medici,1977

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Table of Contents Natural Gas Industry

1. Understanding the eBook Natural Gas Industry
 - The Rise of Digital Reading Natural Gas Industry
 - Advantages of eBooks Over Traditional Books
2. Identifying Natural Gas Industry
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Natural Gas Industry
 - User-Friendly Interface
4. Exploring eBook Recommendations from Natural Gas Industry
 - Personalized Recommendations
 - Natural Gas Industry User Reviews and Ratings
 - Natural Gas Industry and Bestseller Lists
5. Accessing Natural Gas Industry Free and Paid eBooks
 - Natural Gas Industry Public Domain eBooks

- Natural Gas Industry eBook Subscription Services
- Natural Gas Industry Budget-Friendly Options
- 6. Navigating Natural Gas Industry eBook Formats
 - ePub, PDF, MOBI, and More
 - Natural Gas Industry Compatibility with Devices
 - Natural Gas Industry Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Natural Gas Industry
 - Highlighting and Note-Taking Natural Gas Industry
 - Interactive Elements Natural Gas Industry
- 8. Staying Engaged with Natural Gas Industry
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Natural Gas Industry
- 9. Balancing eBooks and Physical Books Natural Gas Industry
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Natural Gas Industry
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Natural Gas Industry
 - Setting Reading Goals Natural Gas Industry
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Natural Gas Industry
 - Fact-Checking eBook Content of Natural Gas Industry
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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