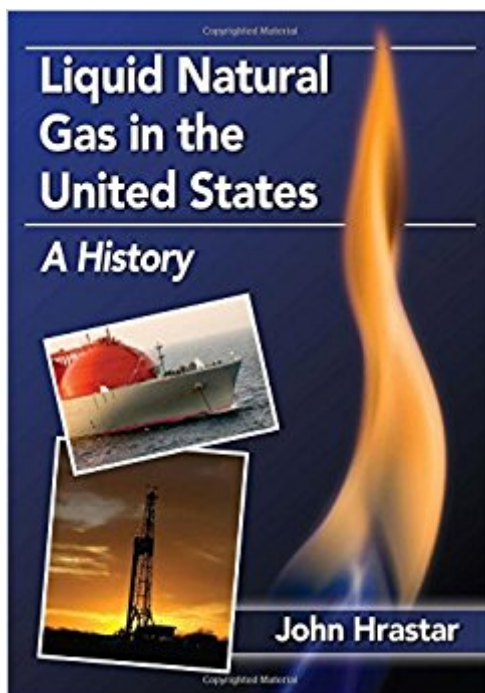


The book was found

Liquid Natural Gas In The United States: A History



Synopsis

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.

Book Information

Paperback: 288 pages

Publisher: McFarland (June 26, 2014)

Language: English

ISBN-10: 0786478594

ISBN-13: 978-0786478590

Product Dimensions: 0.5 x 7 x 10.2 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #2,678,178 in Books (See Top 100 in Books) #88 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Fossil Fuels > Natural Gas #2506 in Books > Politics & Social Sciences > Politics & Government > Public Affairs & Policy > Environmental Policy #5976 in Books > Business & Money > Economics > Environmental Economics

Customer Reviews

"enlightening, informative...highly recommended"--Choice.

John Hrastar retired from NASA after almost 40 years in engineering and management; he is now an independent aerospace consultant. He lives in Silver Spring, Maryland.

Liquid Natural Gas in the United States – A History American history is my passion, so anything that has the word “history” in the title, I am on it. I thought the book presented a fascinating story of liquid natural gas from discovery and experimentation to ultimate delivery to consumers. The history was interestingly presented and I surprised myself by becoming involved in the technical aspects besides the historical perspective. And this is coming from a non-technical person. The scientific and engineering details were explained really well for a non-technical person like me to understand. I recommend it for anyone interested in general American history, science, and engineering. This also makes a great textbook. I judge if a book is good or not by how much I can learn and how easily it flows. It gets an "A" for both. By way of complete disclosure: thanks for the great read, John! Buy my brother's book! Tim W. Hrastar July 26, 2014

[Download to continue reading...](#)

Liquid Natural Gas in the United States: A History E-Juice Recipes: Shake and Vape E-Liquid Recipes For Your Electronic Cigarette, E-Hookah G-Pen: Quick and tasty E-liquid recipes that you can enjoy today. ... E-liquid recipes for DIY E-juicers. Book 3) World History, Ancient History, Asian History, United States History, European History, Russian History, Indian History, African History. (world history) Taking Sides: Clashing Views in United States History, Volume 2: Reconstruction to the Present (Taking Sides. Clashing Views in United States History (2 Vol Set)) United States History: Beginnings to 1877 2013 (Holt McDougal United States History) Liquid Soapmaking: Tips, Techniques and Recipes for Creating All Manner of Liquid and Soft Soap Naturally! The Republic for Which It Stands: The United States during Reconstruction and the Gilded Age, 1865-1896 (Oxford History of the United States) History and Culture of Dominican Republic, Government, Politics Economy, Tourism: Migration, The First Colony, Occupation by the United States 1916-24, Civil War and United States Intervention, 1965 A Nation Without Borders: The United States and Its World in an Age of Civil Wars, 1830-1910 (The Penguin History of the United States) The History of Aircraft Gas Turbine Engine Development in the United States: A Tradition of Excellence Gas and Liquid Measurement 1,000 Places to See in the United States and Canada Before You Die (1,000 Places to See in the United States & Canada Before You) National Geographic Guide to National Parks of the United States, 8th Edition (National Geographic Guide to the National Parks of the United States) Ecuador and the United States: Useful Strangers (The United States and the Americas Ser.) Paraguay and the United States: Distant Allies (The United States and the Americas) Paraguay and the United States: Distant Allies (The United States and the Americas Ser.) A Guide Book of United States Coin 2018: The Official Red Book, Large Print Edition (Guide

Book of United States Coins) A Guide Book of United States Coins 2015: The Official Red Book
Spiral (Official Red Book: A Guide Book of United States Coins (Spiral)) Handbook of United States
Coins 2017: The Official Blue Book, Paperback Edition (Handbook of United States Coins (Paper))
Handbook of United States Coins 2018: The Official Blue Book, Hardcover (Handbook of United
States Coins (Cloth))

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)