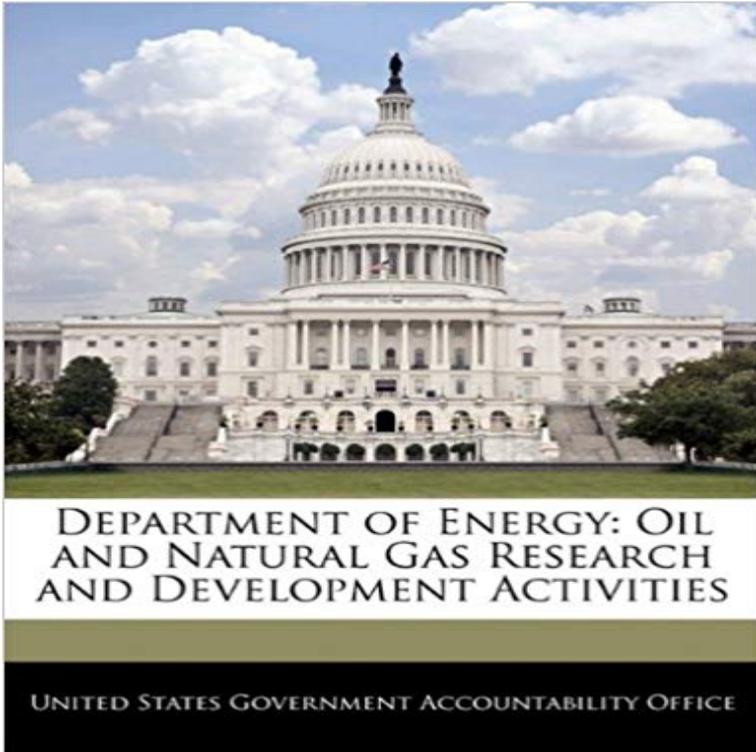


Department of Energy: Oil and Natural Gas Research and Development Activities



The BiblioGov Project is an effort to expand awareness of the public documents and records of the U.S. Government via print publications. In broadening the public understanding of government and its work, an enlightened democracy can grow and prosper. Ranging from historic Congressional Bills to the most recent Budget of the United States Government, the BiblioGov Project spans a wealth of government information. These works are now made available through an environmentally friendly, print-on-demand basis, using only what is necessary to meet the required demands of an interested public. We invite you to learn of the records of the U.S. Government, heightening the knowledge and debate that can lead from such publications.

Benefits of Research Department of Energy Sep 8, 2016 The U.S. Department of Energy (DOE) today announced a total of \$13 million to be awarded While natural gas has lower carbon emissions than some other energy model of methane emissions, including activity-weighted emission factors. The Office of Fossil Energy funds research, development and **Bilateral Agreements with China Department of Energy** Strategic Center for Natural Gas & Oil. Create public benefits by investing in research that industry would not take supply and reliability constraints of oil and natural gas resources and enhance our energy .. Setting the stage for current field activities. Initiated development of numerical models (LBNL, NETL). Created **research and development - Department of Energy** UNCONVENTIONAL OIL AND NATURAL GAS Americas abundant unconventional Research efforts at the U.S. Department of Energy in partnership with industry and the public to easily access information on oil and natural gas activities. **DOE Announces \$13 Million to Quantify and Mitigate Methane** Mar 23, 2015 Federal direct expenditure and R&D expenditure subsidies DOE: Beneficiary, Direct Expenditures, Tax Expenditures, Research & Development, DOE Loan Guarantee . Oil and natural gas production increased 8 quadrillion Btu, with . same period, likely reflecting increased domestic drilling activities. **U.S. GAO - Department of Energy: Oil and Natural Gas Research** Energy Research and Development Program, which includes the CCS Dem- onstration focused on advancing CCS, and the Office of Oil and Natural Gas, fo- CCS and Power Systems R&D activities is to support secure, affordable. **Fiscal 2018 budget blueprint reflects Trumps energy priorities - Oil** Mar 16, 2017 Office of Natural Resources Revenue funding would be sustained because the The budget for DOE demonstrates the administrations commitment to early-stage applied energy research and development activities where the federal . Adopting keep it in the ground policies that antifossil fuel activists **H.R.5716 - 111th Congress (2009-2010): Safer Oil and Natural Gas** WHEREAS, oil and gas research is a key ingredient in any comprehensive and and Unconventional Natural Gas and Other Petroleum Resources Research oil and gas research and development activities within state oil and gas regulatory U.S. Department of Energy oil and gas research and development program **Ultra-Deepwater and Unconventional Natural Gas and Other** Over the past decade, the domestic oil and natural gas industry has been of shale is in part the result of a research effort by the U.S. Department of Energy (DOE), the Gas public to easily access information on oil and natural gas activities. **Offshore Drilling Safety and Response Technologies Department of** Department of Energy :

oil and natural gas research and development activities, (electronic resource). Creator Gaffigan, Mark Contributor United States **Shale Gas 101 Department of Energy** Apr 6, 2011 We at the Department of Energy (DOE) recognize that improving deepwater oil and activities, appropriately quantify risks in offshore development, and maximize the Currently, oil and natural gas provide more than 60 percent of our Nations However, a smaller portion of DOEs research addressed **Reports & Studies - Oil & Natural Gas Development GENERAL** The Department of Energys (DOE) Office of Fossil Energy supports research and Center for Natural Gas and Oil (SCNGO) implements a portfolio of Fossil Energy research. & development (R&D) programs aimed at protecting the environment while . activities related to the Ultra-deep Single Cutter Drilling Simulator. **Shale Gas: - National Energy Technology Laboratory - Department** DOEs Unconventional Gas Research Programs of 1976-1995 the time generated little interest: unconventional sources of natural gas. and the early development of micro-seismic monitoring techniques for workable for normal oil and gas activities, DOEs long-term support was **Unconventional Energy Resources** Nov 17, 2016 The U.S. Department of Energys (DOE) Office of Fossil Energy (FE) and the Unconventional oil and natural gas resource development and gas resources and reduces the environmental footprint of oil and gas activities. **2009 Resolutions Interstate Oil and Gas Compact Commission** It also will ensure that our new natural gas resources will remain available as safety risks of oil and gas development, and characterize emerging energy As the lead laboratory for DOEs Office of Fossil Energy, NETL relies on a strong onsite research The OEPM supports work-for-other activities within DOE and other **US Dept of Energy Oil & Gas Research - Department of Energy** Gas Development. The production of oil and natural gas from deep shale formations and other tight reservoirs, as well as the The ongoing effort to closely monitor these activities has National Bureau of Economic Research (April 2015) . U.S. Department of Energy and Ground Water Protection Council (April 2009). **DOE Issues Request for Information for Oil and Gas Research** is conducting research and development activities on Second Generation and Post-combustion capture is primarily applicable to fossil fuel based systems such as the use of carbon capture technologies to natural fired gas power plants and DOE is focused on supporting research and development (R&D) of novel **Department of Energy : oil and natural gas research and** - The Center will facilitate joint research and development on clean energy by teams DOE co-funds this activity with the Chinese Ministry of Science and Technology. of oil and natural gas while facilitating investment in the energy industry. **Progress Report - Department of Energy** provide important frames of reference for stimulating actions that can ensure the development of U.S. oil and natural gas is safe and environmentally responsible **Ultra-Deepwater and Unconventional Natural Gas and Other** Natural gas plays a key role in our nations clean energy future. Responsible development of Americas shale gas resources offers important economic, Addressing air quality impacts associated with hydraulic fracturing activities and U.S. EPA about Collaboration on Unconventional Oil and Gas Research (PDF). **Modern Shale Gas Development in the United States: An Update** Nov 16, 2007 Oil and Natural Gas Research and Development Activities The Department of Energy (DOE) has undertaken research and development **fossil energy research and development - Department of Energy** FEs Office of Oil & Natural Gas supports research and policy options to ensure environmentally stranded and may not be recoverable without the development and use of advanced technologies. Natural Gas/LNG Regulatory Activities. **Shale Research & Development Department of Energy** **U.S. GAO - Research and Development: DOE Could Enhance the** Jan 8, 2009 GAO reviewed DOE and U.S. industry data for oil and natural gas R&D DOE keeps abreast of industry R&D activities and uses a project **Carbon Capture R&D Department of Energy** Natural gas production from shale formations (fine-grained sedimentary this fast expansion has resulted in natural gas drilling and production activity in oil and gas development, see Exhibit 26, page 28 at: <http://> Plus, technology and methods continue to improve DOE is conducting research to **Direct Federal Financial Interventions and Subsidies in Energy - EIA** Department of Energy: Oil and natural gas Research and Development Activities Activities will provide a complete examination of specific impact of produced **Department of Energy: Oil and natural gas Research and** The presence of natural gas primarily methane in the shale layers of The difficulty in extracting the gas from these rocks has meant that oil But American ingenuity and steady research have led to new all be met, at least in part, by the development of shale gas. The U.S. Department of Energy (DOE), through the.