



2013 Complete Guide to Hydraulic Fracturing (Fracking) for Shale Oil and Natural Gas: Encyclopedic Coverage of Production Issues, Protection of Drinking Water, Underground Injection Control (UIC)

By Environmental Protection Agency (EPA), U.S. Geological Survey (USGS), U.S. Government, Department of Energy (DOE)

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This up-to-date encyclopedia of official documents and publications on the risks and rewards of shale gas, with over a thousand pages of content, provides vital information on the ongoing controversy over hydraulic fracturing for shale gas production. Contents include:

Content: Regulatory Updates and Reports * Section 1: Natural Gas Subcommittee of the Secretary of Energy Advisory Board - Safety of Shale Gas Development * Section 2: Blueprint for a Secure Energy Future * Section 3: Secretary of Energy Advisory Board - Shale Gas Production Subcommittee 90-Day Report * August 18, 2011 * Section 4: Draft Plan to Study the Potential Impacts of Hydraulic Fracturing on Drinking Water Resources * U.S. Environmental Protection Agency Office of Research and Development * June 28, 2011 * Section 5: Marcellus Shale-Gas Development and Water-Resource Issues * New York Water Science Center * John Williams * USGS * Section 6: Shale Gas Presentation to the SEAB Natural Gas Subcommittee * Section 7: Natural Gas Hydraulic Fracturing * Issues USGS is Tracking * Section 8: EPA Briefing to the SEAB Natural Gas Subcommittee to Examine Fracking Issues * Section 9: Shale Gas: Applying Technology to Solve America's Energy Challenges * Section 10: DOE/NETL-2011/1478 * A Comparative Study of the Mississippian Barnett Shale, Fort Worth Basin, and Devonian Marcellus Shale, Appalachian Basin * Section 11: Energy in Brief — What everyone should know about energy * Section 12: Shale Gas and the Outlook for U.S. Natural Gas Markets and Global Gas Resources * Section 13: Multi-Agency Collaboration on Unconventional Oil and Gas Research * Section 14: Chemicals Used in Hydraulic Fracturing: Cancer and Health Risks from Underground Injection

Natural Gas Production, Marcellus Shale Gas Fracking and Hydrofrac - House Committee Report * Section 15: Modern Shale Gas Development in the United States: A Primer - Geology, Regulations, Environmental Considerations, Hydraulic Fracturing, Protecting Groundwater, Pollution Threats, Impact to Land * Section 16: NPS and USGS Material * Section 17: Congressional Action * Section 18: EPA Material * Section 19: DOE Hydraulic Fracturing Description.

Contents include material from the EPA, USGS, Department of Energy, U.S. Congress, the Energy Information Administration (EIA) and others. There is a complete reproduction of EPA public meeting comments from events in Texas, Colorado, Pennsylvania, and New York, offering valuable insight into the controversy. Technical documents and regulations provide unique details and understanding. An up-to-date primer from the U.S. Department of Energy provides a comprehensive overview of shale gas production in the United States - including the use of hydraulic fracturing - and environmental protection issues, especially water resource management. Contents include: The Importance Of Shale Gas * The Role of Natural Gas in the United States' Energy Portfolio * The Advantages of Natural Gas * Natural Gas Basics * Unconventional Gas * The Role of Shale Gas in Unconventional Gas * Looking Forward * Shale Gas Development * Geology * Sources of Natural Gas Shale Gas * Barnett Shale * Fayetteville Shale * Haynesville Shale * Marcellus Shale * Woodford Shale * Antrim Shale * New Albany Shale * Regulatory Framework * Federal Environmental Laws * State * Local Regulation * Impacts on Water Quality * Clean Water Act * Safe Drinking Water Act * Oil Pollution Act of 1990 – Spill Prevention Control and Countermeasure * Regulation of Impacts on Air Quality * Clean Air Act * Air Permits * Regulation of Impacts to Land * Resource Conservation and Recovery Act (RCRA) * Endangered Species Act * State Endangered Species Protections * Operations on Public Lands * Federal Lands * State Lands * Other Federal Laws and Requirements that Protect the Environment * Comprehensive Environmental Response, Compensation, and Liability Act

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Stacy Knarr:

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