

The background of the entire image is a close-up photograph of a hand holding a lit matchstick. The match is positioned in the lower-left corner, with a bright yellow and orange flame. The rest of the image is filled with a soft, out-of-focus glow of fire, creating a warm and intense atmosphere. The text is overlaid on this background.

FRACKING

Pennsylvania:

**Flirting
with
Disaster**

Walter M. Brasch

Fracking Pennsylvania Flirting With Disaster

Colin Jerolmack



Fracking Pennsylvania Flirting With Disaster:

Fracking Pennsylvania Walter M. Brasch, 2013 In his most powerful investigation to date award winning journalist Walter M Brasch digs into the natural gas industry and extracts the truth about fracking Horizontal fracturing better known as fracking is the process of injection as much as seven million gallons of water propants like silica sand and toxins into the earth to fracture the shale and extract methane Dr Brasch readily acknowledges that the engineering to create fracking may be one of the most significant works of science of the latter twentieth century Politicians want natural gas companies to come into their states because of the numbers of well paying jobs the industry create and the lower costs of natural gas to the consumer Dr Brasch investigates those claims as well as an extensive look at the money trail between the industry and the politicians campaign receipts Combining both scientific evidence and extensive interviews with those affected by fracking throughout the country he concludes that errors made by the natural gas industry as well as the process itself have caused significant public health and the environmental problems that also affect agriculture wildlife and livestock

Fracking David E. Newton, 2015-01-16 The use of fracking is a tremendously important technology for the recovery of oil and gas but the advantages and costs of fracking remain controversial This book examines the issues and social economic political and legal aspects of fracking in the United States Hydraulic fracturing of oil and gas wells known commonly as fracking has been in use in the United States for more than half a century In recent years however massive expansion of shale gas fracturing across the nation has put fracking in the public eye Is fracking a win win like its proponents say or are there significant costs and dangers associated with the use of this energy production technology This book examines fracking from all angles addressing the promise of the United States becoming energy independent through the use of the process to tap the massive amounts of natural gas and oil available as well as the host of problems associated with fracking groundwater contamination and increased seismic activity just to mention two that raise questions about the long term feasibility of the process as a source of natural gas The first part of the book provides a historical background of the topic a review of technical information about fracking and a detailed discussion of the social economic political legal and other aspects of the current fracking controversy The second part of the book provides a host of resources for readers seeking to learn even more in depth information about the topic supplying a chronology glossary annotated bibliography and profiles of important individuals and organizations Written specifically for students and young adults the content is accessible to readers with little or no previous knowledge regarding fracking

Fracking and the Rhetoric of Place Justin Mando, 2021-10-19 Fracking and the Rhetoric of Place investigates the rhetorical strategies of speakers at public hearings on hydraulic fracturing fracking in order to understand how places shape and are shaped by citizens as they engage in their democracy As an important argumentative resource in environmental controversy the rhetoric of place helps citizens situate themselves within local contexts and raise their voices in times of social conflict Justin Mando uses rhetorical analysis discourse analysis and corpus analysis to offer

scholars of place based rhetoric and environmental communication a heuristic approach to studying their own sites This approach reveals that place based arguments are a ubiquitous rhetorical resource in the dispute over hydraulic fracturing that shapes how the issue is perceived Pro frackers and anti frackers use rhetoric of place in striking ways that reveal their values motivations strengths and weaknesses Place functions as an interface of potential common ground that connects the local to the global what is here to what is there Scholars and students of rhetoric communication and environmental studies will find this book particularly interesting Redefining Genocide Damien Short,2016-06-15 In this highly controversial and original work Damien Short systematically rethinks how genocide is and should be defined Rather than focusing solely on a narrow conception of genocide as direct mass killing through close empirical analysis of a number of under discussed case studies including Palestine Sri Lanka Australia and Alberta Canada the book reveals the key role played by settler colonialism capitalism finite resources and the ecological crisis in driving genocidal social death on a global scale *Rethinking Green Energy Development: Cognitive Biases* Quande Qin,Xunpeng Shi,Lin Zhang,Bangzhu Zhu,2022-04-29 **A Future without Borders? Theories and practices of cosmopolitan peacebuilding** Eddy Souffrant,2016-08-01 A Future without Borders FWB offers an explanation of why the recent but by now distant movements of the Occupy Wall Street activists have repeated themselves across the globe The book demonstrates some of the processes inherent to an adapting cosmopolitanism a call for civility a call for Justice a call for a collective responsibility or accountability that is not individualistic in nature Until recently the statal national problems understood as politico economic failures were conceived as isolated problems failures of statal institutions that are particular to certain countries FWB contests the Westphalian logic that explains these circumstances as national failures and argues instead that the conditions be assessed as extensions of the global economic and ideological failures that they surely are Contributors are Anton Allahar Arnold Farr Andrew Fiala Pierre Andr Gagnon Bill Gay Kurtis Hagen Linden F Lewis Tracey Nicholls Richard T Peterson Jorge Rodriguez Eddy M Souffrant and Hilbourne A Watson Corporate Power and Human Rights Manette Kaisershot,Nicholas Connolly,2018-02-02 There is ample evidence about the negative effects business activity of all types can have on the provision of human rights Equally there can be little doubt economic development usually driven through business activity and trade is necessary for any state to provide the institutions and infrastructure necessary to secure and provide human rights for their citizens The United Nations and businesses recognise this tension and are collaborating to effect change in business behaviours through voluntary initiatives such as the Global Compact and John Ruggie s Guiding Principles Yet voluntary approaches are evidently failing to prevent human rights violations and there are few alternatives in law for affected communities to seek justice This book seeks to robustly challenge the current status quo of business approaches to human rights in order to develop meaningful alternatives in an attempt to breach the gap between the realities of business and human rights and its discourse This book was previously published as a special issue of the International Journal of Human Rights **Under the Surface** Tom

Wilber,2015-09-22 For the updated paperback edition of Under the Surface Tom Wilber has written a new chapter and epilogue covering developments since the book's initial publication Chief among these are the home rule movement and accompanying social and legal events leading up to an unprecedented ban of fracking in New York state and the outcome of the federal EPA's investigation of water pollution just across the state border in Dimock Pennsylvania The industry with powerful political allies effectively challenged the federal government's attempts to intervene in drilling communities in Pennsylvania Wyoming and Texas with water problems But it met its match in a grassroots movement known as fractivism that sprouted from seeds sown in upstate New York community halls and grew into one of the state's most influential environmental movements since Love Canal Wilber weaves a narrative tracing the consequences of shale gas development in northeast Pennsylvania and central New York through the perspective of various stakeholders Wilber's evenhanded treatment explains how the revolutionary process of fracking has changed both access to our domestic energy reserves and the lives of people living over them He gives a voice to all constituencies including farmers and landowners tempted by the prospects of wealth but wary of the consequences policymakers struggling with divisive issues concerning free enterprise ecology and public health and activists coordinating campaigns based on their respective visions of economic salvation and environmental ruin Throughout the book Wilber illustrates otherwise dense policy and legal issues in human terms and shows how ordinary people can affect extraordinary events

Up to Heaven and Down to Hell Colin

Jerolmack,2022-08-23 A riveting portrait of a rural Pennsylvania town at the center of the fracking controversy Shale gas extraction commonly known as fracking is often portrayed as an energy revolution that will transform the American economy and geopolitics But in greater Williamsport Pennsylvania fracking is personal Up to Heaven and Down to Hell is a vivid and sometimes heartbreaking account of what happens when one of the most momentous decisions about the well being of our communities and our planet whether or not to extract shale gas and oil from the very land beneath our feet is largely a private choice that millions of ordinary people make without the public's consent The United States is the only country in the world where property rights commonly extend up to heaven and down to hell which means that landowners have the exclusive right to lease their subsurface mineral estates to petroleum companies Colin Jerolmack spent eight months living with rural communities outside of Williamsport as they confronted the tension between property rights and the commonwealth In this deeply intimate book he reveals how the decision to lease brings financial rewards but can also cause irreparable harm to neighbors to communal resources like air and water and even to oneself Up to Heaven and Down to Hell casts America's ideas about freedom and property rights in a troubling new light revealing how your personal choices can undermine your neighbors liberty and how the exercise of individual rights can bring unintended environmental consequences for us all

The Shale Renaissance Jonathan M. Fisk,Soren Jordan,A.J. Good,2022-11-22

Although a technique for hydraulic fracturing more commonly known as fracking was developed and implemented in the 1970s in Texas

fracking of the Marcellus Shale formation that stretches from West Virginia through Pennsylvania to New York did not begin in earnest until the twenty first century Unconventional natural gas production via fracking has ignited debate challenged regulators and added to the complexity of twenty first century natural resource management Through a longitudinal study taken from 2000 to 2015 Jonathan M Fisk Soren Jordan and A J Good examine how the management of natural resources functions relative to specific regulatory actions including inspections identifying violations and the use of specific regulatory tools Ultimately they find that factors as disparate as state policy goals elected officials the availability of data inspectors front line staff and the use of technology form a context that in turn shapes the use of specific regulatory tools and decisions

The Real Disaster Is Above Ground J. Stephen Kroll-Smith, Stephen Robert Couch, 2021-10-21 In the 1950s Centralia was a small town like many others in the anthracite region of Pennsylvania But since the 1960s it has been consumed outwardly and inwardly by a fire that has inexorably spread in the abandoned mines beneath it The earth smokes subsides and breathes poisonous gases No less destructive has been the spread of dissension and enmity among the townspeople The Real Disaster Above Ground tells the story of the fire and the tragic failure of all efforts to counter it This study of the Centralia fire represents the most thorough canvass of the documentary materials and the community that has appeared The authors report on the futile efforts of residents to reach a common understanding of an underground threat that was not readily visible and invited multiple interpretations They trace the hazard management strategies of government agencies that ironically all too often created additional threats to the welfare of Centralians They report on the birth and demise of community organizations each with its own solution to the problem and its diehard partisans The final solution now being put into effect is to abandon the town and relocate its people Centralia s environmental disaster the authors argue is not a local or isolated phenomenon It warns of the danger lurking in our own technology when safeguards fail and disaster management policy is not in place to respond to failure as the examples of Chernobyl and Bhopal have clearly demonstrated The lessons in this study of the fate of a small town in Pennsylvania are indeed sobering They should be pondered by a variety of social scientists and planners by all those dealing with the behavior of people under stress and those responsible for the welfare of the public

The End of Country Seamus McGraw, 2012-07-10 A rare honest beautiful and yes sometimes heartbreaking examination of the echoes of water powered natural gas drilling or fracking in the human community vivid personal and emotional Minneapolis Star Tribune Susquehanna County in the remote northeastern corner of Pennsylvania is a community of stoic low income dairy farmers and homesteaders seeking haven from suburban sprawl and the site of the Marcellus Shale a natural gas deposit worth more than one trillion dollars In The End of Country journalist and area native Seamus McGraw opens a window on the battle for control of this land revealing a conflict that pits petrodollar billionaires and the forces of corporate America against a band of locals determined to extract their fair share of the windfall but not at the cost of their values or their way of life Rich with a sense of place and populated by unforgettable personalities McGraw tells a tale of

greed hubris and envy but also of hope family and the land that binds them all together To tell a great story you need a great story Seamus McGraw has lived a great story He is just one of its many characters very real characters caught up in a very human story in which they must make tough life altering decisions for themselves their community and ultimately their country Allentown Morning Call Compelling The End of Country is like a phone call from a close friend or relative living smack dab in the middle of the Pennsylvania gas rush Anyone with even a passing interest in the fracking debate should read it Harrisburg Patriot News This cautionary tale should be required reading for all those tempted by the calling cards of easy money and precarious peace of mind Tom Brokaw A page turner McGraw brings us to the front lines of the U S energy revolution to deliver an honest and humbling account that could hardly possess greater relevance The Humanist The Real Cost of Fracking Michelle Bamberger, Robert Oswald, 2014-08-05 A pharmacologist and a veterinarian pull back the curtain on the human and animal health effects of hydraulic fracturing or fracking Across the country fracking the extraction of natural gas by hydraulic fracturing is being touted as the nation s answer to energy independence and a fix for a flagging economy Drilling companies assure us that the process is safe politicians push through drilling legislation without a serious public health debate and those who speak out are marginalized their silence purchased by gas companies and their warnings about the dangers of fracking stifled The Real Cost of Fracking pulls back the curtain on how this toxic process endangers the environment and harms people pets and livestock Michelle Bamberger a veterinarian and Robert Oswald a pharmacologist combine their expertise to show how contamination at drilling sites translates into ill health and heartbreak for families and their animals By giving voice to the people at ground zero of the fracking debate the authors vividly illustrate the consequences of fracking and issue an urgent warning to all of us fracking poses a dire threat to the air we breathe the water we drink and even our food supply Bamberger and Oswald reveal the harrowing experiences of small farmers who have lost their animals their livelihoods and their peace of mind and of rural families whose property values have plummeted as their towns have been invaded by drillers At the same time these stories give us hope as people band together to help one another and courageously fight to reclaim their communities The debate over fracking speaks to a core dilemma of contemporary life we require energy to live with modern conveniences but what degree of environmental degradation health risks and threats to our food supply are we willing to accept to obtain that energy As these stories demonstrate the stakes couldn t be higher and this is an issue that none of us can afford to ignore **Flirting with Disaster** David O. Russell, 200? Relatiekomedie waarin een man na de geboorte van zijn kind op zoek gaat naar zijn biologische ouders **Strange Fire** Joel Burcat, 2022-02-02 Fracking for natural gas has turned deadly in Bradford County Pa and not only is the water contaminated but people are dying Round the clock operations conducted by Yukon Oil and Gas may have poisoned a residential well and threatened a town s water supply Who is contaminating water wells in Bradford County Why are contractors disappearing Mike Jacobs a 29 year old impassioned environmental lawyer with Pennsylvania s Dept of Environmental Protection is back in

this romantically charged environmental legal thriller about fracking and drilling for natural gas Amazon **Fracking and the Revolving Door in Pennsylvania** Robert Galbraith, 2013 This report documents the revolving door between government and the gas industry in Pennsylvania where numerous top government officials and environmental regulators have either left their public jobs for careers in the oil and gas industry or come to government from the private sector

Flirting with Disaster Vasilios Vergakis, 2011 *Flirting With Disaster* Emery Jane (author), 1901 **Shale Play** Julia Kasdorf, 2018 Explores in poetry and photographs the effects of the natural gas boom and fracking in the small towns fields and forests of Appalachian Pennsylvania **New Energy Landscapes of Pennsylvania** Deborah A. Johnson, 2014 This dissertation adds to the literature on energy needed by industry government and citizens for decision making The pursuit to access or create new energy resources spawns new landscapes of energy in the early 21st century The combination of hydraulic fracturing and horizontal drilling technologies popularly called fracking Enables entry into previously inaccessible natural gas reserves such as the Marcellus shale much of which lies beneath Pennsylvania Although this unconventional method offers a promising source of domestic energy and job growth the potential for negative impacts raises concerns and questions The questions include What is the controversy about fracking in Pennsylvania What are the impacts of fracking What costs is Pennsylvania paying as it shifts to shale gas extraction Are there activities taking place or material signs that point to the emerging new landscapes Are the individuals and organizations that resist shale gas extraction the so called green forces and others who live within the region of development more or less attuned to these costs

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