Newton, David E.
(on order)
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.

The Real Cost of Fracking: How America’s Shale Gas Boon is Threatening Our Families, Pets, and Food (2014)
Bamberger, Michelle and Oswald, Robert
Call Number: 363.1791 B2195r
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.

Hydrofracking (2014)
Prud’homme, Alex
Call Number: 622.3383 P951h
Hydrofracking tackles this contentious topic, exploring both sides of the debate and providing a clear guide to the science underlying the technique. In concise question-and-answer format, Alex Prud’honne cuts through the maze of opinions and rhetoric to uncover key points, from the economic and political benefits of fracking to the health dangers and negative effects on the environment. Prud’homme offers clear answers to a range of fundamental questions, including: What is fracking fluid? How does it impact water supplies? Who regulates the industry? How much recoverable natural gas exists in the U.S.? What new innovations are on the horizon?

The Boom: How Fracking Ignited the American Energy Revolution and Changed the World (2014)
Gold, Russell
Call Number: 333.823 G5638b
Gold tells the story of this once-obscur oilfield technology—a story with an incredible cast of tycoons and geologists, dreamers and drillers, speculators and skeptics, a story that answers a critical question of our time: Where will the energy come from to power our world—and what price will we have to pay for it?

Mechanics of Hydraulic Fracturing (2014)
Yew, Ching H. and Weng, Xiaowei
Please Note: This is an electronic book, accessible through Safari Books Online, which can be obtained via the SFPL catalog.
Mechanics of Hydraulic Fracturing, 2nd ed., explains one of the most important features for fracture design – the ability to predict the geometry and characteristics of the hydraulically induced fracture. Engineers and well designers must understand the underlying mechanics of how fractures are modeled in order to correctly predict and forecast a more advanced fracture network. Updated to accommodate today's fracturing jobs.
The Frackers: The Outrageous Inside Story of the New Billionaire Wildcatters (2013)
Zukerman, Gregory
Call Number: 338.7622 Z834f
By experimenting with hydraulic fracturing through extremely dense shale—a process now known as fracking—the wildcatters started a revolution. In just a few years, they solved America's dependence on imported energy, triggered a global environmental controversy—and made and lost astonishing fortunes. No one understands these men—their ambitions, personalities, methods, and foibles—better than the award-winning Wall Street Journal reporter Gregory Zukerman. The result is a dramatic narrative tracking a brutal competition among headstrong drillers: George Mitchell, Aubrey McClendon, Tom Ward, Harold Hamm, Charif Souki, Mark Papa.

Snake Oil: How Fracking’s False Promise of Plenty Imperils Our Future (2013)
Heinberg, Richard
Call Number: 622.3381 H3643s
Snake Oil casts a critical eye on the oil-industry hype that has hijacked America's energy conversation. This is the first book to look at fracking from both economic and environmental perspectives, informed by the most thorough analysis of shale gas and oil drilling data ever undertaken. Is fracking the miracle cure-all to our energy ills, or a costly distraction from the necessary work of reducing our fossil-fuel dependence?

Under the Surface: Fracking, Fortunes, and the Fate of the Marcellus Shale (2012)
Wilber, Tom
Call Number: 333.8233 W6413u
Running from southern West Virginia through eastern Ohio, across central and northeast Pennsylvania, and into New York through the Southern Tier and the Catskills, the Marcellus Shale formation underlies a sparsely populated region that features striking landscapes, critical watersheds, and a struggling economic base. It contains one of the world's largest supplies of natural gas. Under the Surface is the first book-length journalistic overview of shale gas development and the controversies surrounding it. Wilber's evenhanded treatment 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, and activists coordinating campaigns based on their respective visions of economic salvation and environmental ruin.

Just the Fracks, Ma'am: The Truth about Hydrofracking and the Next Great American Boom (2012)
Kozera, Greg
Call Number: 622.3381 K8498j
How does fracking affect our children, grandchildren and future generations? In Just the Fracks Ma'am, Greg Kozera takes the mystery out of the fracking process. He explains a very technical process and issues associated with it in a way that they are easily understood by non-technical people. Greg is a master story teller and uses stories to make fracking understandable and his book memorable.

Roach, Mary (editor) and Folger, Tim (editor)
Call Number: 508.05 B464 2011
This edition of The Best American Science and Nature Writing 2011 includes an article written by Sandra Steingraber entitled “The Whole Fracking Enchilada” (page 315).

Dirt: The Ecstatic Skin of the Earth (2007)
Logan, William Bryant
Call Number: 631.4 L828d 2007
William Bryant Logan variously observes, “There is glamour to the study of rock; the most mysterious place on Earth is right beneath our feet.” Whether Logan is traversing the far reaches of the cosmos or plowing through our planet's crust, his delightful, elegant, and surprisingly soulful meditations greatly enrich our concept of “dirt.”
Dirt: The Erosion of Civilizations (2007)
Montgomery, David R.
Call Number: 631.49 M7665d
Dirt, soil, call it what you want, it's everywhere we go. It is the root of our existence, supporting our feet, our farms, our cities. This fascinating yet disquieting book finds, however, that we are running out of dirt. An engaging natural and cultural history of soil that sweeps from ancient civilizations to modern times, Dirt: The Erosion of Civilizations explores the compelling idea that we are—and have long been—using up Earth's soil.

San Francisco Public Library Databases

Science Online (Facts on File)
Presents a broad range of scientific disciplines through extensive definitions, essays, diagrams, biographies, videos, and experiments on topics such as hydraulic fracturing, fracking, natural gas, oil, soil, and shale. Please Note: You will need a San Francisco Public Library card and PIN to access the database.

Articles and News
Access is available to a myriad of magazines and newspapers through their individual databases, and articles about hydraulic fracturing or fracking can be found in such databases as Academic One File, America's News, EBSCO Host, General One File, JSTOR, Los Angeles Times (Proquest), and San Francisco Chronicle Current and Historical. The Los Angeles Times and San Francisco Chronicle feature articles on the controversy of allowing fracking in California. Please Note: You will need a San Francisco Public Library card and PIN to access the databases.