

Learn More about Hydraulic Fracturing (Fracking)

The following websites and publications contain information from various viewpoints related to hydraulic fracturing. These resources help explain how it is done; where the process is used; its impact on the economy, environment, and people; and why there is so much controversy surrounding fracking.

Websites

350.org

350.org

American Society of Mechanical Engineers (ASME)

www.asme.org

Association for the Study of Peak Oil & Gas USA (ASPO-USA)

peak-oil.org

Association of Corporate Counsel: Hydraulic Fracturing-Federal-October 2013

www.lexology.com/library/detail.aspx?g=071d7d18-7739-4ca6-ae36-2f961add2825

Baker Hughes (Oilfield Service Company)

www.bakerhughes.com

BP (Oil Company)

www.bp.com/en/global/corporate/sustainability/the-energy-future/unconventional-gas-and-hydraulic-fracturing.html

Coming Clean (blog)

www.sierraclub.org/michael-brune

ConocoPhillips (Oil Company)

www.conocophillips.com

Consumer Energy Alliance

consumerenergyalliance.org

Dangers of Fracking

“What Goes In and Out of Hydraulic Fracturing”

www.dangersoffracking.com

DeepWell (Well Service Authority)

www.deepwell.no

www.deepwiki.no

EarthJustice

earthjustice.org/features/campaigns/fracking-across-the-united-states

Earthworks Action

“Hydraulic Fracturing 101”

www.earthworksaction.org/issues/detail/hydraulic_fracturing_101#.Up9LG-L3KVp

www.earthworksaction.org

Energy from Shale

www.energyfromshale.org

Energy Policy Act of 2005

www.gpo.gov/fdsys/pkg/PLAW-109publ58/pdf/PLAW-109publ58.pdf

Energy Policy Forum

energypolicyforum.org

Environment & Energy Publishing

eenews.net/ew

Environment 360 (Yale University)

e360.yale.edu

Environmental Protection Agency

epa.gov

water.epa.gov/type/groundwater/uic/class2/hydraulicfracturing/wells_hydrowhat.cfm

ExxonMobil (Oil Company)

corporate.exxonmobil.com/en/engineering/hydraulic-fracturing

FracFocus Chemical Disclosure Registry

“FracFocu 2.0”

www.fracfocus.org

FracTracker Alliance

www.fractracker.org

Geoscience News and Information

geology.com/articles/hydraulic-fracturing

geology.com/articles/mineral-rights.shtml

Harvard Magazine

harvardmagazine.com/2013/01/frackings-future

Light Tower Rentals

fracwater.com

Maersk Oil (Oil Company)

www.maerskoil.com

Marathon Oil Corporation (Oil Company)

www.marathonoil.com

Missouri Division 50, Oil and Gas Council

www.sos.mo.gov/adrules/csr/current/10csr/10csr.asp#10-50

National Petroleum Council

www.npc.org

Natural Resources Defense Council

www.nrdc.org

NextWorld TV

www.nextworldtv.com/videos/anti-fracking

Oil Exploration and Production Companies Worldwide

en.wikipedia.org/wiki/List_of_oil_exploration_and_production_companies

Resilience

www.resilience.org

Rural Advancement Foundation International-USA

rafiusa.org/issues/landowner-rights-and-fracking

Schlumberger (Oil Company)

www.slb.com

Seneca Lake Pure Waters Association

www.senecalake.org

Society of Exploration Geophysicists (SEG)

www.seg.org

Statoil (Oil Company)

www.statoil.com

State Review of Oil and Natural Gas Environmental Regulations (STRONGER)

strongerinc.org

The Checks and Balances Project

checksandbalancesproject.org

The Energy Collective

theenergycollective.com

The Oil Drum (archived discussions from 2005–2013)

theoil Drum.com

US Department of Energy (DOE)

energy.gov

US Department of the Interior: Bureau of Land Management

www.blm.gov/wo/st/en/prog/energy/oil_and_gas/statistics.html

US Geological Survey–Hydraulic Fracturing/Earthquakes

www.usgs.gov/hydraulic_fracturing

earthquake.usgs.gov/earthquakes/eqarchives/mineblast

earthquake.usgs.gov/earthquakes/map/

Water Test America

www.watertestamerica.com/water-tests-for-natural-gas-drilling-and-fracking.html

Wintershall (Oil Company)

www.wintershall.com

Worldwatch Institute

www.worldwatch.org

Publications

A Fractivist's Tool-kit by The Council of Canadians Acting for Social Justice,
www.canadians.org/fracktivists-toolkit

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) [Kindle Edition] by Environmental Protection Agency (EPA), US Geological Survey, US Government, Department of Energy

Cold, Hungry and in the Dark: Exploding the Natural Gas Supply Myth, by Bill Powers, New Society Publishers, 2013, ISBN 9780865717435, 336 pages

Coming Clean: Breaking America's Addiction to Oil and Coal by Michael Brune, Sierra Club Books, 2008, ISBN 9781578051496, 272 pages

Hydraulic Fracturing (Fracking)—Procedures, Issues, and Benefits [Kindle Edition], by Okon Obo, Petroleum Zones, 2013, ASIN: B00B1YM2J6, 122 pages

Navigating Legal Issues around the Marcellus Shale: An Immediate Look at the Benefits and Consequences of Hydraulic Fracturing and Horizontal Drilling (Aspatore Special Report) Aspatore Books, 2011, ISBN 9780314277848, 84 pages

Oil and Honey: The Education of an Unlikely Activist by Bill McKibben, St. Martin's Griffin, 2014, ISBN 9781250048714, 288 pages

Prudent Development: Realizing the Potential of North America's Abundant Natural Gas and Oil Resources, National Petroleum Council, 2011, 68 pages, [PDF], www.npc.org/reports/NARD-ExecSummVol.pdf

Richard Heinberg (richardheinberg.com) is the author of 11 books including:

Snake Oil: How Fracking's False Promise of Plenty Imperils Our Future (2013)

The End of Growth: Adapting to our New Economic Reality (2011)

Blackout: Coal, Climate, and the Last Energy Crisis (2009)

Peak Everything: Waking Up to the Century of Declines (2007)

The Oil Depletion Protocol: A Plan to Avert Oil Wars, Terrorism and Economic Collapse (2006)

Powerdown: Options and Actions for a Post-Carbon World (2004)

The Party's Over: Oil, War and the Fate of Industrial Societies (2003)

Shale Gas: The Promise and the Peril [Kindle Edition] by Vikram Rao, RTI Press, 2012, 198 pages

State of the World 2013: Is Sustainability Still Possible? [Kindle Edition] by [The Worldwatch Institute](http://www.worldwatch.org)

Study of the Potential Impacts of Hydraulic Fracturing on Drinking Water Resources

EPA 601/R-12/011, December 2012, www.epa.gov/hfstudy

www2.epa.gov/sites/production/files/documents/hf-report20121214.pdf#page=38

The Frackers: The Outrageous Inside Story of the New Billionaire Wildcatters by Gregory Zuckerman, Portfolio, 2013, ISBN 1591846455, 417 pages

The Race for What's Left: The Global Scramble for the World's Last Resources by Michael Klare, Picador, 2012, ISBN 9781250023971, 320 pages

Under the Surface: Fracking, Fortunes, and the Fate of the Marcellus Shale [Kindle Edition], by Tom Wilber, Cornell University Press, 2012, ASIN: B007SNOQMK, 280 pages

Videos and Movies

Gasland

www.hbo.com/documentaries/gasland#/

Gasland: Part II

www.gaslandthemovie.com

Groundswell Rising: Protecting our Children's Air and Water

www.groundswellrising.com

How Hydraulic Fracturing Works, National Geographic Magazine, March 2013

education.nationalgeographic.com/education/media/how-hydraulic-fracturing-works/?ar_a=1

Promised Land

www.focusfeatures.com/promised_land

What Is Fracking and Why Is it Controversial? BBC News, June 27, 2013

www.bbc.com/news/uk-14432401

Glossaries and Definitions

horizontal fracking: “involves drilling deep into the earth for up to two miles, then turning a corner and drilling horizontally under farmland, lakes, communities, what have you. When the well is complete, vast quantities of water and chemicals are injected into it at high pressure to cause explosions along the horizontal section. These explosions fracture the surrounding shale and free the gas trapped in it. Afterwards, much of the fracturing fluid returns to the surface as wastewater, along with various toxic substances picked up from the shale, including radioactive material.”

—National Resources Defense Council
www.nrdc.org/thisgreenlife/1103.asp

hydraulic fracturing: “A stimulation treatment routinely performed on oil and gas wells in low-permeability reservoirs. Specially engineered fluids are pumped at high pressure and rate into the reservoir interval to be treated, causing a vertical fracture to open. The wings of the fracture extend away from the wellbore in opposing directions according to the natural stresses within the formation. Proppant, such as grains of sand of a particular size, is mixed with the treatment fluid to keep the fracture open when the treatment is complete.”

—Schlumberger Oilfield Glossary
www.glossary.oilfield.slb.com

www.consrv.ca.gov/index/Pages/glossary-frk.aspx

www.eia.gov/tools/glossary

fracfocus.org/glossary%20of%20terms

www.macmillandictionary.com/us/buzzword/entries/fracking.html

www.shaleinfo.ohio.gov/Basics/GlossaryofTerms.aspx#.U01QX1eNDYY