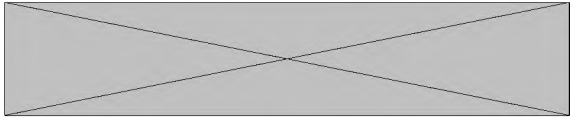


To: leila_getto@ios.doi.gov[leila_getto@ios.doi.gov]
From: Jack Gerard, API
Sent: 2018-02-22T09:32:14-05:00
Importance: Normal
Subject: Safe Hydraulic Fracturing is the Engine of U.S. Energy Security
Received: 2018-02-22T09:33:25-05:00

[Click to view this email in a browser](#)



February 22, 2018

Dear Leila,

The U.S. energy outlook keeps getting brighter. Reports from December projecting a record 9.9 million barrels per day of domestic crude oil production this year are already behind the curve. [The latest projections](#) from the U.S. Energy Information Administration upgrade the figure to 10.6 million barrels per day for 2018, jumping to nearly 12 million barrels per day by 2040. Projections show natural gas production growth will also continue for decades.

The remarkable transition from scarcity to [abundance](#) would not have been possible without advanced [hydraulic fracturing](#) and horizontal drilling technology. According to the U.S. Energy Department, up to 95 percent of new wells drilled today are hydraulically fractured, accounting for two-thirds of total U.S. marketed natural gas production and about half of U.S. crude oil production.

Although hydraulic fracturing has been used since the 1940s, and we're more than a decade in to its renewed prominence as the star of the American energy revolution, misconceptions about the technology abound. The fact is [continuous innovations](#) have made fracking ever more safe and precise.

The [same revolutionary technological advances](#) that have made fracking capable of unlocking previously inaccessible energy resources have also reduced its environmental footprint, making a safe [technology](#) even safer. Innovations in horizontal drilling allow us to access natural gas and oil in multiple directions from a single vertical well, reducing the surface impact by as much as 90 percent.

Strict federal and state regulations and industry standards combine with proven engineering technologies to protect groundwater. Study after study – including a landmark six-year, \$30 million study conducted by the Environmental Protection Agency – affirm that fracking is safe.

Fracking has brought economic growth to places that weren't leading producers before, providing "an economic lifeline for [Appalachia](#)" and "transforming [unlikely places](#) like North Dakota and New Mexico into world class petroleum hubs."

But the benefits extend far beyond counties and states with major energy reserves. If the environmental footprint of energy development is ever smaller, the economic footprint is nationwide. America's natural gas and oil industry supports 10.3 million U.S. jobs overall, and counting, while U.S. homes and businesses enjoy savings on energy costs.

Scientific evidence confirms fracking is safe, economic statistics illustrate it's beneficial and energy data demonstrates it's integral to energy security. It all adds up to one conclusion: Under a commonsense regulatory approach, [hydraulic fracturing](#) will continue to play a major role in the U.S. economy.

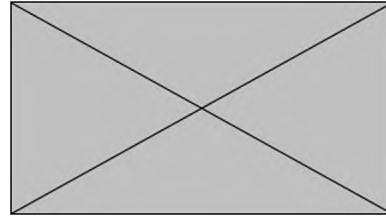
Sincerely,

Jack N. Gerard

President & CEO
API

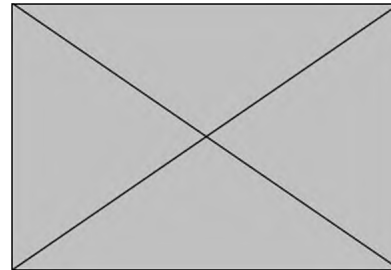
Industry innovation Drives U.S. Energy Renaissance

Data analytics, fiber optics, and virtual reality are just a few of the technologies that allow precise, efficient exploration and development with a minimal surface footprint. [Learn more about the innovations our technologically advanced industry employs](#) to safely and responsibly develop U.S. energy reserves.



Follow our Blog to stay up-to-date

To stay up-to-date on the latest energy-related news, there is no better place to check than the [Energy Tomorrow Blog](#).



About API:

API is the only national trade association representing all facets of the oil and natural gas industry, which supports 10.3 million U.S. jobs and nearly 8 percent of the U.S. economy. API's more than 625 members include large integrated companies, as well as exploration and production, refining, marketing, pipeline, and marine businesses, and service and supply firms. They provide most of the nation's energy and are backed by a growing grassroots movement of more than 40 million Americans.

To learn more about API and the value of oil and natural gas, please visit API.org.

[Click to view this email in a browser](#)

If you no longer wish to receive these emails, please reply to this message with "Unsubscribe" in the subject line or simply click on the following link: [Unsubscribe](#)

Jack Gerard, API
1220 L Street, NW
Washington, DC 20005
US

.....