

From: Jack Gerard, API
Sent: 2/25/2015 10:31:33 AM
To: Haley, Nikki
Cc:
Subject: The Benefits of Fracking

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February 25, 2015 **Hydraulic Fracturing Facts**

Shale energy accessed by advanced hydraulic fracturing and horizontal drilling is the foundation of the energy resurgence that is driving significant economic growth. Hear what a Colorado geologist <http://cts.vresp.com/c/?
JackGerardAPI/5d4bdb32c7/2505242c36/36a087a3e2/v=
3SdR2SVUOdY&feature=youtu.be> has to say about hydraulic fracturing's 65-year history and its revolutionary impact on economic growth and energy security.

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The Benefits of Fracking

Dear Nikki,

Hydraulic fracturing continues to drive record-breaking oil and natural gas production. New reports show shale gas production [jumped 30 percent](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/191bb8af02) [<http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/191bb8af02>](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/191bb8af02) in Pennsylvania's Marcellus Shale last year for a total of 4 trillion cubic feet. That's about 16 percent of U.S. consumption for an entire year. North Dakota's [Bakken Shale play](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/c86db47cc1) [<http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/c86db47cc1>](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/c86db47cc1) also closed out 2014 with record high oil production numbers.

The benefits of affordable energy unlocked by fracking technology are not confined to shale-producing areas. Families and businesses nationwide are reaping the rewards of shale energy produced by hydraulic fracturing, as multiple studies attest:

[<http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/e8669cc4ea>](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/e8669cc4ea)

- American households enjoyed an average \$1,200 [increase in disposable incomes](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/9c1bf2b668) [<http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/9c1bf2b668>](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/9c1bf2b668) in 2012 due to higher household wages and lower costs for energy and energy-intensive products. That should grow to \$2,000 this year and \$3,500 by 2025.
- This year, nearly [400,000 manufacturing jobs](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/ac05b6fce7) [<http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/ac05b6fce7>](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/ac05b6fce7), or 3.2 percent of all U.S. manufacturing jobs, will be supported by unconventional oil and natural gas – rising to more than 500,000 in 2025.
- U.S. public elementary and secondary [school districts saved](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/dd925e654f) [<http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/dd925e654f>](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/dd925e654f) approximately 9.3 percent on electricity and 21.3 percent on natural gas during the 2012-2013 fiscal year, for a total of \$1.2 billion – enough to employ over 14,200 teachers.
- State and local governments saved an estimated 9.5 percent on electricity and 21.6 percent on natural gas for a total of \$720 million.

While the magnitude of benefits is a new phenomenon, hydraulic fracturing isn't. Governed by a host of government regulations and [industry standards](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/38590b0673) [<http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/38590b0673>](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/38590b0673), fracking has been used safely and successfully for [more than 65 years in over 1 million wells](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/38590b0673)

<http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/fdac7ceb81>.
Technological advances in combining hydraulic fracturing with horizontal drilling have led to the surging production that has ushered in a new era for American energy security – while leaving a smaller environmental footprint. As Interior Secretary Sally Jewell – a former petroleum engineer with hydraulic fracturing experience – put it: [“So, if done safely and responsibly – and it can be, and it is being done safely and responsibly – it can unlock a lot of resources with less surface disturbance.”](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/bed1f372c0) <http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/bed1f372c0>

With smart policy choices that encourage energy development and turn aside duplicative regulations, American families and businesses will continue to enjoy the [economic and energy security](http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/29dd4e50ef) <http://cts.vresp.com/c/?JackGerardAPI/5d4bdb32c7/2505242c36/29dd4e50ef> benefits of shale energy development.

Sincerely,

Jack Gerard
President and CEO
API

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