

# Independent Oil & Gas Association

of New York



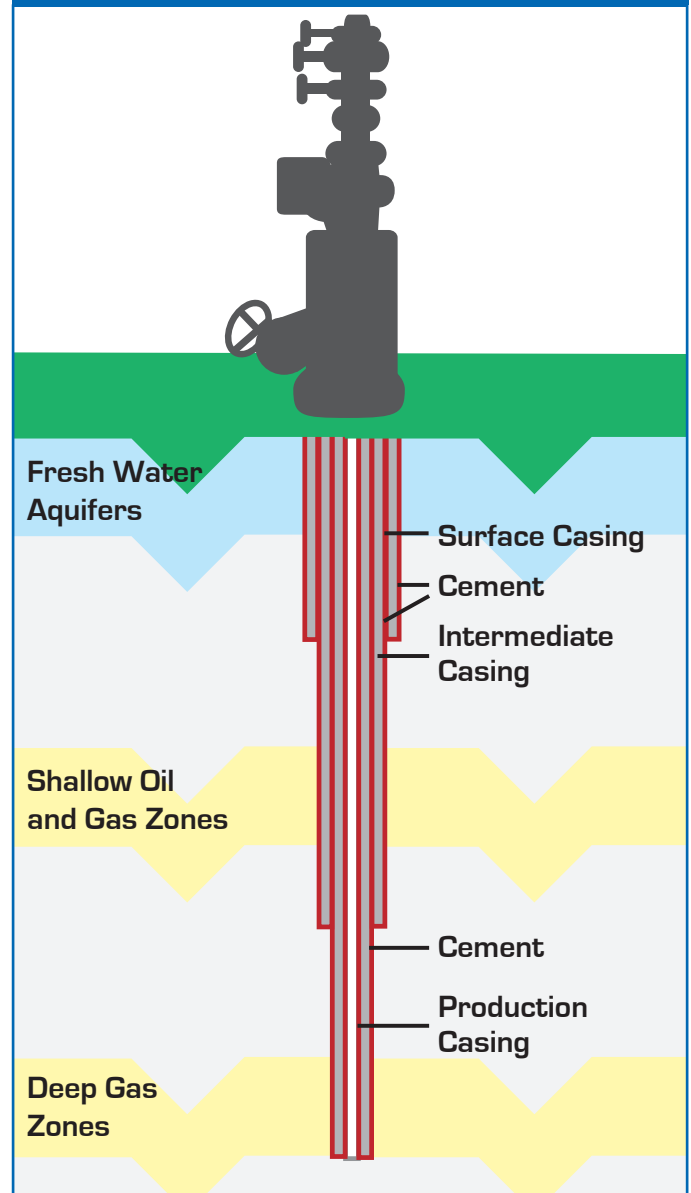
## WHO WE ARE

IOGA of NY represents more than 400 companies in the oil and natural gas industry who employ more than 4,500 people in New York. IOGA of NY members are committed to operating safely, efficiently and with great care and stewardship on behalf of New York State, its residents and its natural resources. The association and its members strive to educate the public about the positive impacts the oil and gas industry has had – and will continue to have – on New York’s economy, quality of life and environment.

## OIL AND NATURAL GAS IN NEW YORK

- ✓ American natural gas was first discovered in Fredonia, New York. The nation’s first natural gas well was dug there in 1821.
- ✓ Since then, more than 75,000 oil, gas and solution salt mining wells have been drilled. 14,000 of these wells are actively producing today.
- ✓ Oil, gas and solution salt mining contributes more than \$500 million to the state economy each year.
- ✓ The industry is regulated by the New York State Department of Environmental Conservation and operators are regulated by a host of state and federal health and environmental laws.
- ✓ On average, between 550 and 600 natural gas and oil wells are drilled each year in the state. In 2008 alone, oil and gas development resulted in state tax revenue totaling \$3.1 million, an estimated \$14.6 million in local government tax revenue and \$61 million in landowner royalty payments.

## PROTECTING OUR GROUNDWATER



The Division of Mineral Resources’ well casing and cementing regulations provide maximum protection for New York State’s fresh water aquifers.

**Learn more about safe and environmentally responsible natural gas development at [www.iogany.org](http://www.iogany.org)**

## A DYNAMIC AND GROWING WORKFORCE

New York's oil and gas industry is responsible for creating and sustaining employment in an array of fields, including: science; geology and mining; law; computer science; wholesale and retail trade; construction; manufacturing; real estate and rental income; health and social services; professional and technical services; catering; masonry; banking; landscaping; custodial services; paint contracting; sign making; logging; welding; construction; pipe- and steam-fitting; fire and safety; airlines; and more.

Source: IOGA of NY and the American Petroleum Institute

Potential Employment Growth in New York in 2015			
Sector	Direct	Indirect	Total
Mining	1,232	16	<b>1,248</b>
Construction	2,154	86	<b>2,239</b>
Science/Tech. Services	271	912	<b>1,183</b>
Hotel and Food Services	323	567	<b>890</b>
Retail and Wholesale Trades	1,812	1,240	<b>3,052</b>
<b>Projected Employment Growth for All Sectors in 2015: 15,727</b>			

Source: Natural Resource Economics, July 14, 2010, for the American Petroleum Institute



Completed drill site in West Virginia.

## NEW YORK NATURAL GAS FACTS

- ✓ The state Department of Environmental Conservation requires every service company to disclose the chemicals used in hydraulic fracture stimulation.
- ✓ Currently only 5 percent of New York's natural gas is produced in-state while 95 percent is imported.
- ✓ New York uses 1.2 trillion cubic feet of natural gas per year.
- ✓ New York is the fourth largest U.S. consumer of natural gas.

## NATURAL GAS IN AMERICA

- ✓ 43 percent lower emissions than coal; 30 percent lower emissions than oil.
- ✓ Increased use of natural gas could reduce the U.S. trade deficit by \$25 billion per month.
- ✓ Natural gas costs 60 percent less than gasoline at the pump.
- ✓ 30 percent of the natural gas produced is used to generate electricity.
- ✓ Application of hydraulic fracturing techniques has been responsible for more than 600 trillion cubic feet of natural gas, to help meet the nation's energy needs.
- ✓ 91 percent of all gas and oil wells are hydraulic fracture stimulated, with negligible environmental impact.
- ✓ Hydraulic fracturing solutions are composed of 99.5 percent water and sand and .5 percent other additives, including some chemicals.

Source: IOGA of NY and the American Petroleum Institute

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