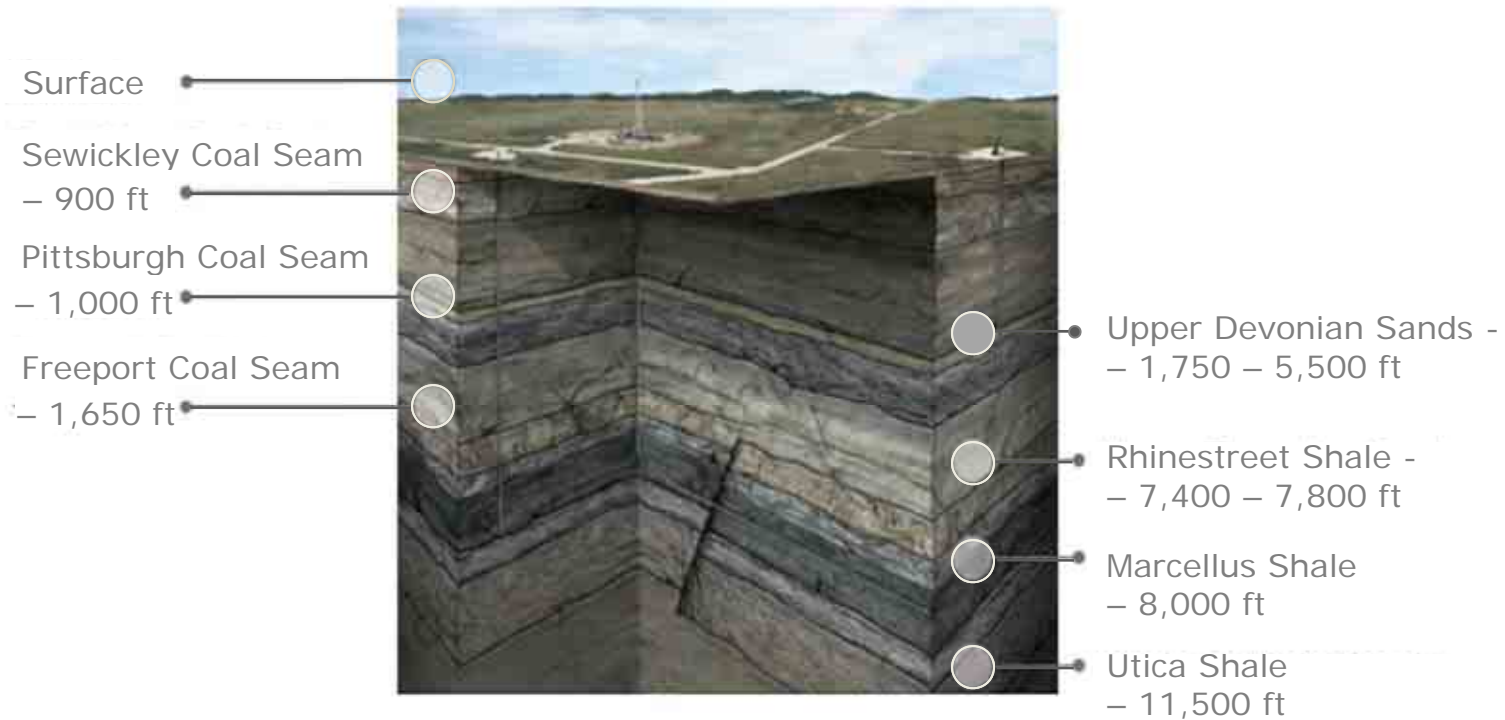




About CONSOL Energy

- Founded in 1864
- \$5.2 billion revenue, 2nd largest of U.S. coal producers
- Member – Fortune 500; S&P 500
- Largest underground coal producer in the U.S.
- Largest natural gas producer in Appalachia
- 11 mining complexes in four states, including the largest underground mines in the world
- 4.4 billion tons of proven and recoverable coal reserves
- 6 natural gas operations across the U.S., spanning 7 states, with a net total of 12,500 wells
- Private R&D facility working with U.S. DOE and others on advanced technology for coal and CBM production and utilization
- Over 9,000 employees

CONSOL's Unique Perspective





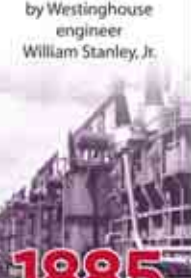

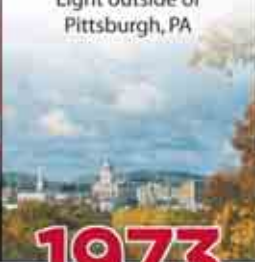
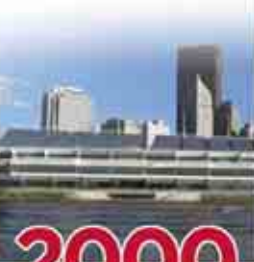
CONSOL Energy is the only company that operates across all of these different horizons.

CONSOL Energy 5 Core Values

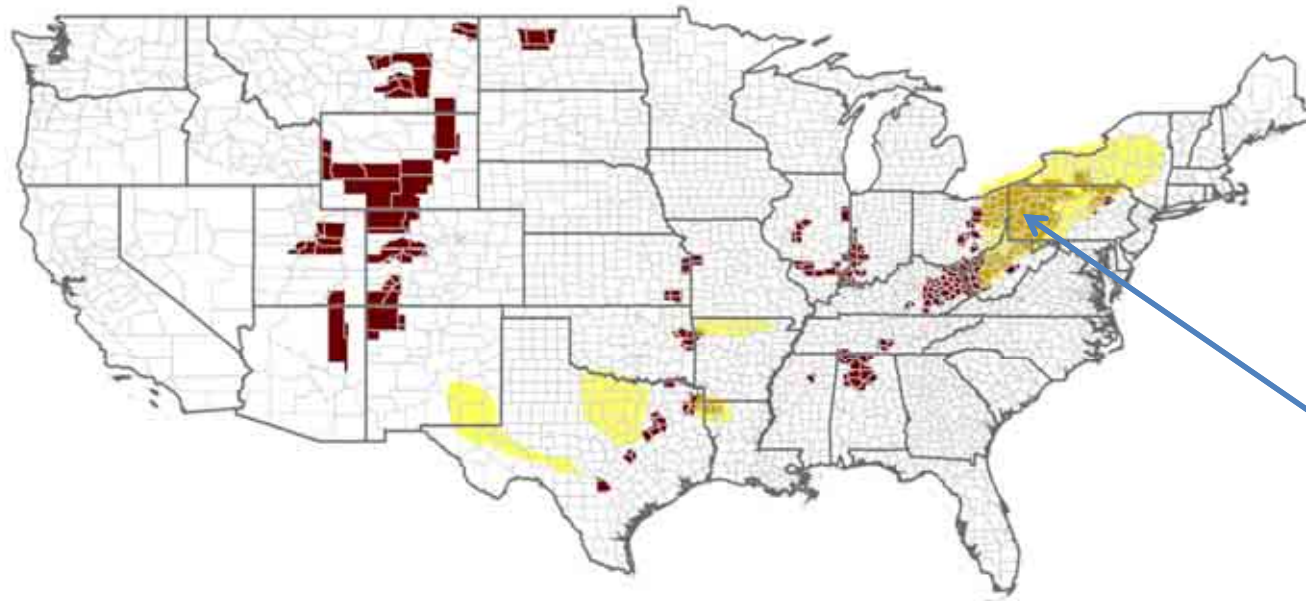
- Safety
- Compliance
- Continuous Improvement
- Production
- Cost

Values are not priorities – priorities change while values remain constant

Pittsburgh's Rich Energy History

<p>Coal mined in Pittsburgh to supply Fort Pitt</p>  <p>1760</p>	<p>First commercially productive oil well drilled in Titusville, PA</p>  <p>1859</p>	<p>First crude oil pipeline built in Titusville, PA</p>  <p>1865</p>	<p>First long distance pipeline for natural gas completed from Newton Wells to Titusville, PA</p>  <p>1872</p>	<p>First practical transformer built in Pittsburgh by Westinghouse engineer William Stanley, Jr.</p>  <p>1885</p>
<p>Pittsburgh Experiment Station, precursor to the National Energy Technology Laboratory (NETL) opened by U.S. Department of the Interior to develop innovative coal-mining safety equipment and practice</p>  <p>1910</p>	<p>First commercial nuclear power plant built by Westinghouse in Shippingport, Pennsylvania</p>  <p>1957</p>	<p>First installation of wet scrubbers in a power station to remove sulfur dioxide from air emissions by Duquesne Light outside of Pittsburgh, PA</p>  <p>1973</p>	<p>Pittsburgh achieves status as city with the largest number of certified green buildings in the U.S.</p>  <p>2000</p>	

Pittsburgh: The Nation's Energy Capital



Only Pittsburgh sits on such a diverse natural resource base

- Coal + • Natural Gas + • Nuclear + • Solar + • Wind + • Transmission & Distribution + • Intelligent Building
- Coal extraction
- Shale gas field

Why Natural Gas? Why Now?

❖ Why Natural Gas? Proven contributor to economy, environment and energy security

- Jobs and economic growth
 - Creates nearly 3 million jobs – direct and indirect – resulting in \$180 billion in labor income between 2005 - 2010
 - Contributes to economy – over \$3.5 billion per year average in government revenues between 2005 and 2010
 - Contributes to global competitiveness
- Environmental benefits
 - Low emissions
 - Small land footprint
 - Sustainable
 - Essential to complement renewable energy sources
- Domestic energy security
 - More than a 100-year supply and growing

❖ Why Now? Abundant, reliable, secure and domestic

- Huge untapped shale gas resource newly unleashed by innovation and technology

2001 to 2011 – A Decade Makes a Difference

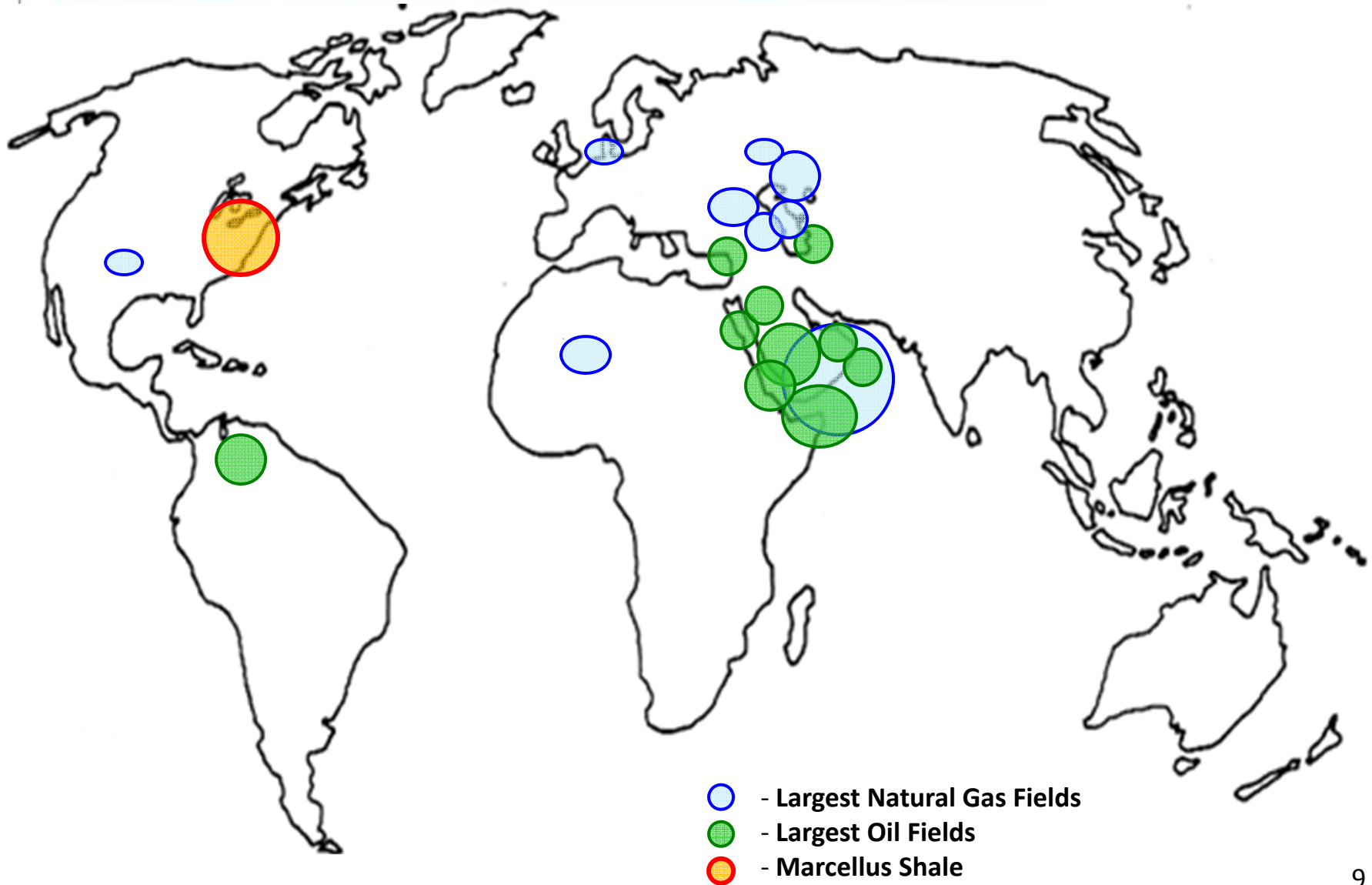
Then

- **60-year supply and falling**
- **Shale known but uneconomic to develop**
- **Underground gas storage primarily traditional reservoir, operationally not very flexible**
- **Pipeline capacity growing incrementally**
- **Rising prices with several spikes**

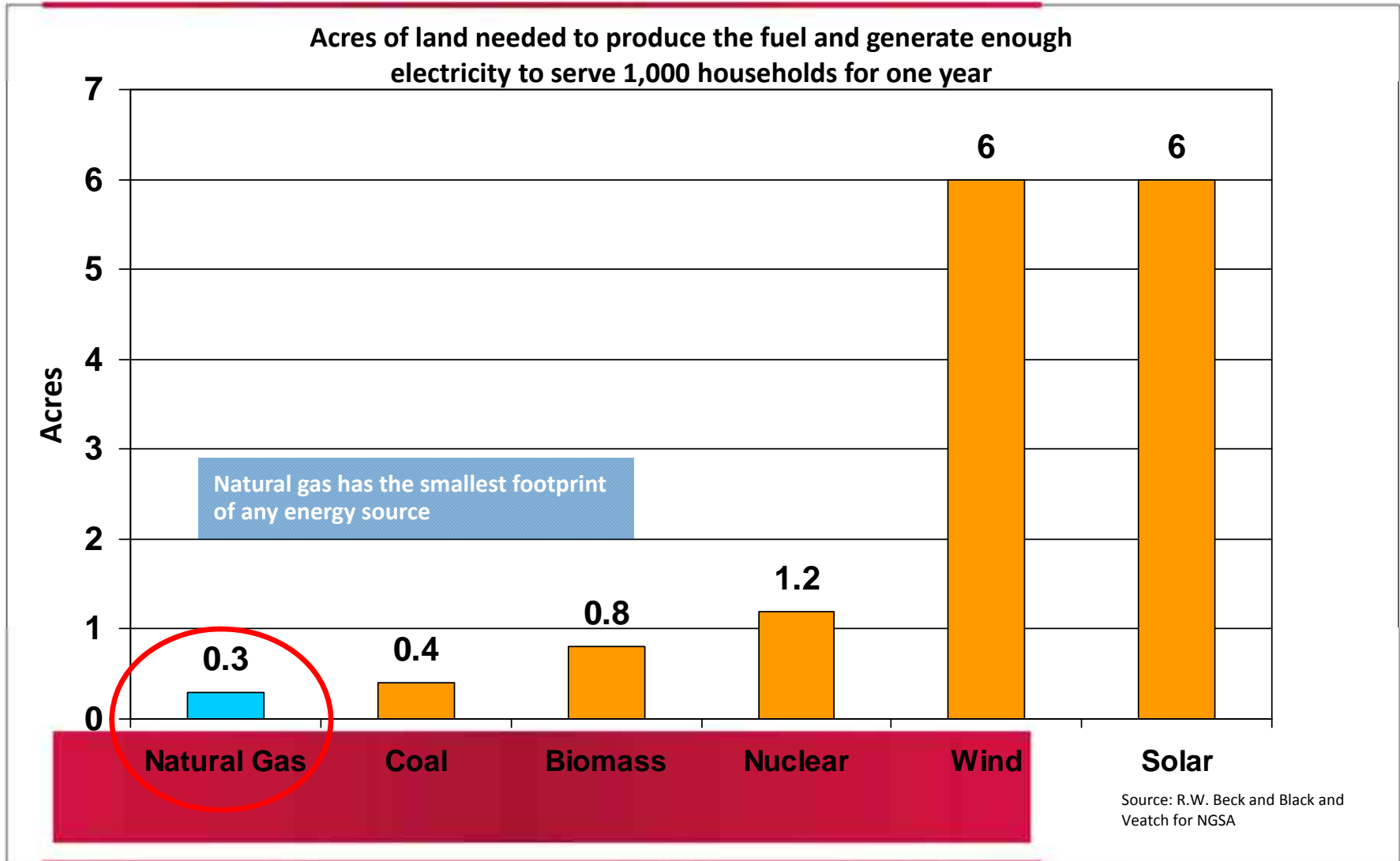
Now

- **100+ years supply and growing**
- **Flourishing production, vast shale resources now accessible**
- **Storage boom with more flexible salt-cavern facilities and additional market area storage**
- **16,000+ miles of interstate pipeline added since 2000**
- **Plentiful supplies moderate prices and provide supply diversity**

Marcellus Shale: The Game Changer



Land Usage Also Makes Gas a Preferred Choice for Power Generation



Magnitude of Marcellus



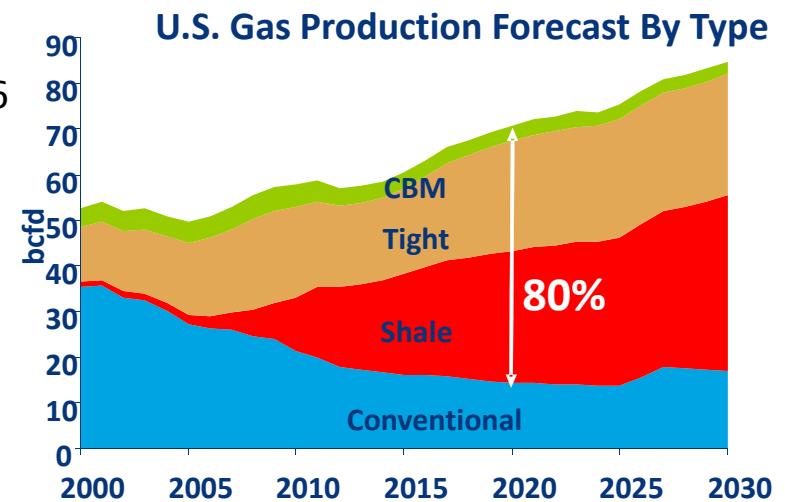
Source: Energy Information Administration based on data from various published studies
Updated: May 28, 2009

**U.S. Gas Reserves Increased 22% between 2006 – 2009
Primarily Due to Shale Development**

What has changed and is it REAL?

How The Game Has Changed

- Improvements in technology brought down costs and greatly increased the scope of resource development
- Shale gas production quadrupled between 2006 – 2010 and is poised to comprise more than 40% of U.S. gas production in 2020
- Shale and other “unconventional” gases could account for over 80% of U.S. gas production by 2020, compared to 66% today
- Diversity of supply complements strong and growing pipeline system, reduces vulnerability to hurricanes, brings natural gas closer to consumers



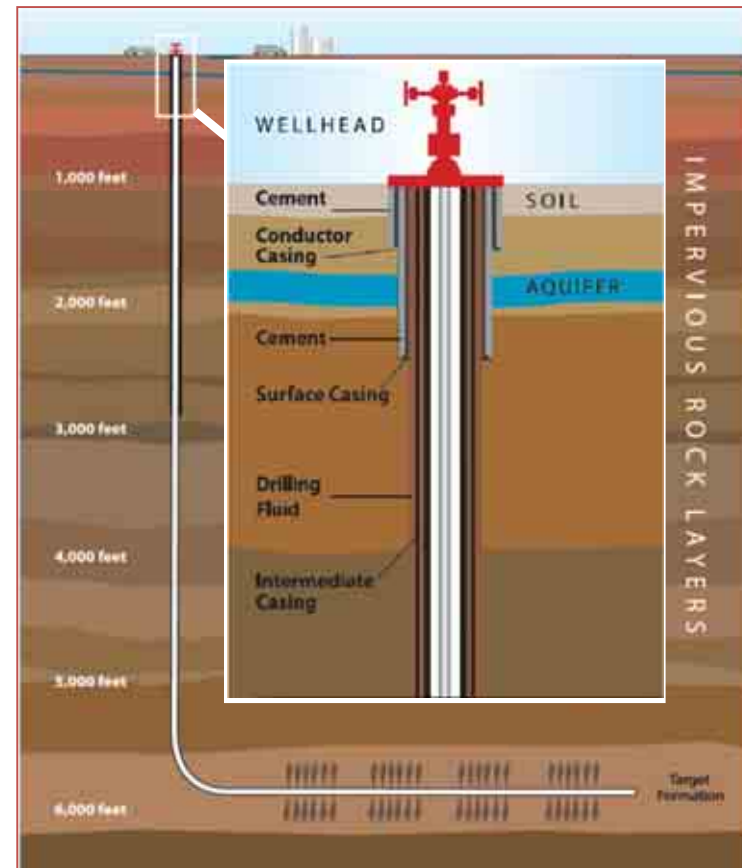
The natural gas supply is plentiful.

How The Game Has Changed

- Chevron
- EXCO Resources
- Exxon
- Reliance Industries
- Statoil
- Noble Energy
- Hess

Technology Makes It All Work

- Drilling technology improvements and efficiencies in shale have emerged
 - Longer horizontal laterals
 - Multiple-stage hydraulic fractures per lateral
- Small surface footprint for multiple, extended wells
- Horizontal drilling and hydraulic fracturing result in gas wells with long stable production lives
- Ground water is separated by thousands of feet and tons of impermeable rock and protected by state and federal regulation
- Significant amount of water is recycled
- “Micro-seismic” technology evolving and enabling even greater precision in fracturing wells



<http://marcelluscoalition.org/2009/01/drilling-process-video/>

Dominion Acquisition

CONSOL core parameters:

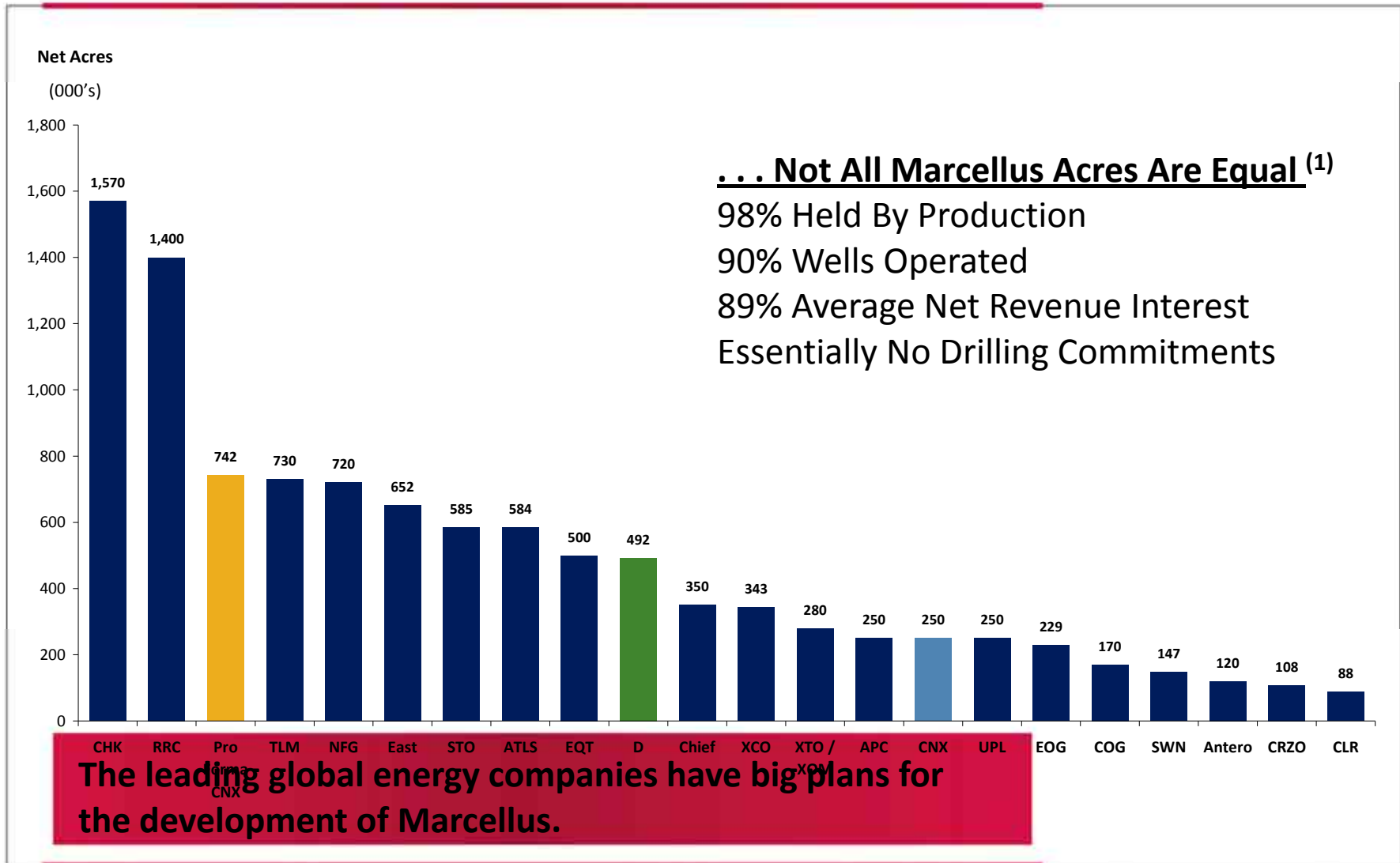
- Underground longwall coal mining
- CBM & Unconventional Gas
- Best assets in Appalachia

Any opportunity that fell within those three parameters should be considered.

The whole is more than the sum of its parts:

- Mellon – coal estate
- Rockefeller – natural gas estate
- Brought together two key estates
- Invested over \$5 Billion to grow gas division since 2005

Investments in Marcellus



Source: As calculated by CONSOL Energy based on public filings.

Note: Pro forma acreage does not reflect CONSOL Energy overriding royalty interest in Antero farm-out acreage (approximately 117,000 acres). (1) Refers to acquired acreage.

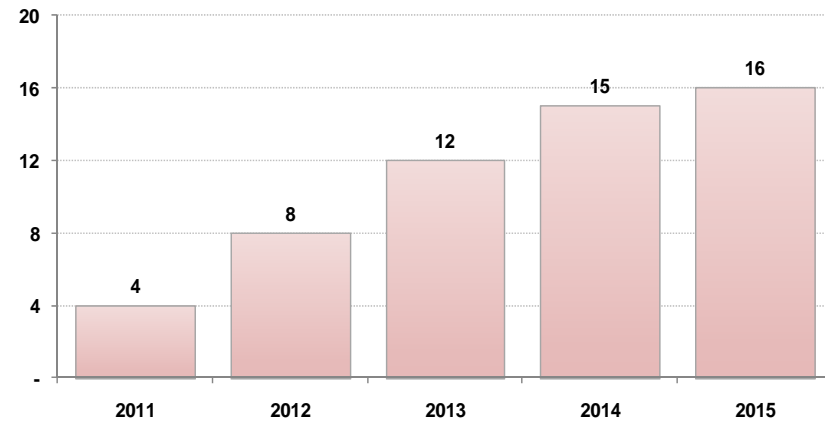
Investments in Marcellus

- With acquisition of Dominion Resources, CONSOL was vaulted into top 3 acreage holders in Marcellus
- Joint venture between CONSOL Energy and Noble Energy will enable further development our Marcellus Shale acreage in Pennsylvania and West Virginia.
 - partnership is based on current gas prices and will allow CONSOL to add about one additional rig per quarter for the next 10 quarters.
 - Current drilling scheduled calls for additional development in Westmoreland County, PA and Marshall and Barbour Counties in WVA
 - Each rig is capable of drilling roughly 20 wells per year and equates to an annual investment of about \$100 million per rig. [\$5 million per well]

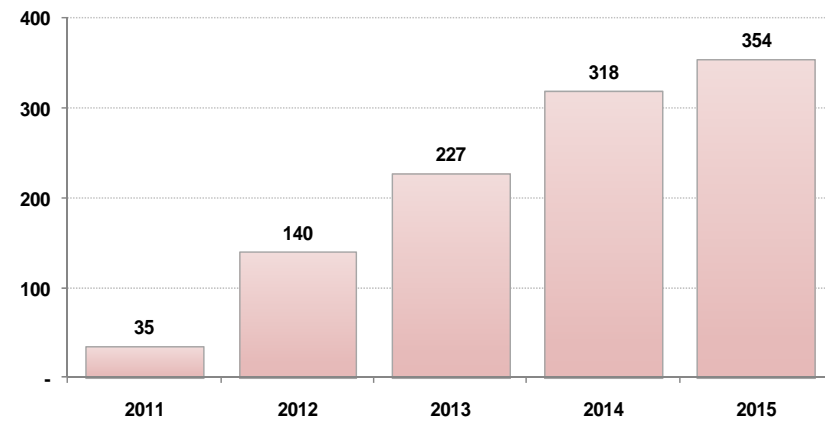
CONSOL Energy & Noble Energy JV

Development Plan

Rig Schedule



Gross Wells Drilled

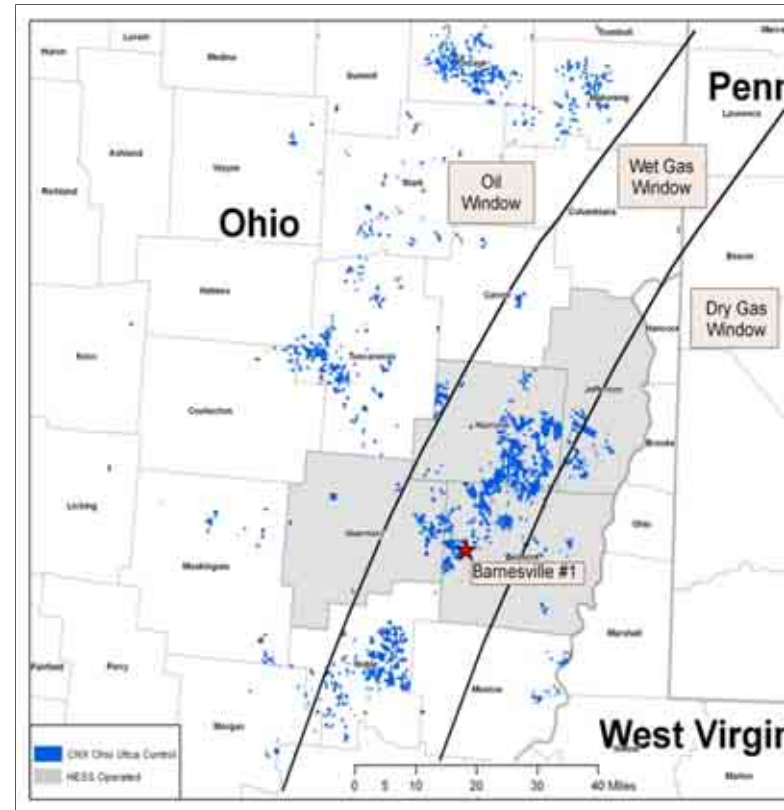


CONSOL Energy & Hess Corporation JV

- Marks to market entire Ohio Utica Shale position at \$6,000 / acre
 - Validates legacy CNX Gas and Dominion asset base
- Partnership with a highly respected, global integrated energy company
 - Shared values and cultural alignment
 - Shared belief in developing acreage to maximize long term value
- Accelerates monetization of asset base and economic returns
 - Significant increase in rig fleet and drilling activity
- Creates significant free cash flow

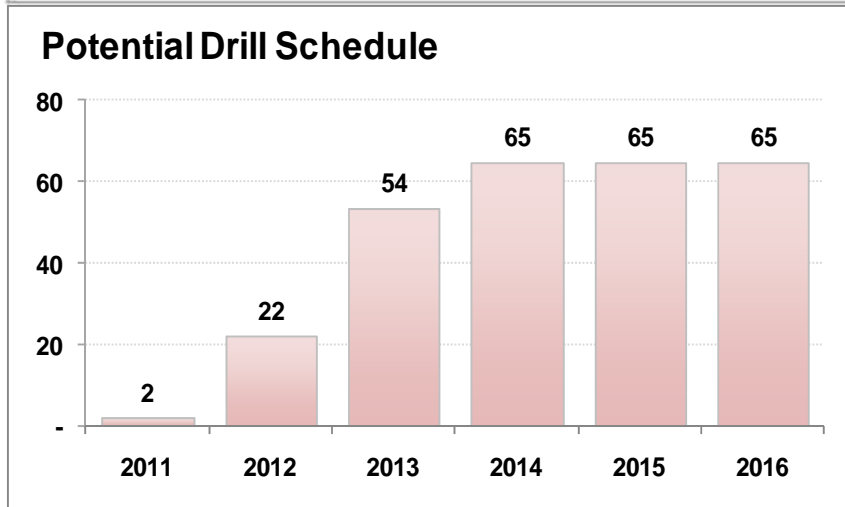
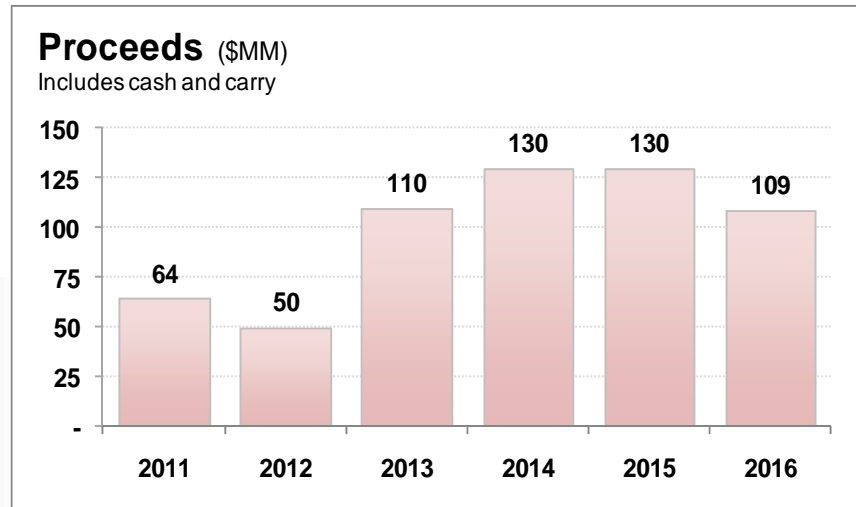
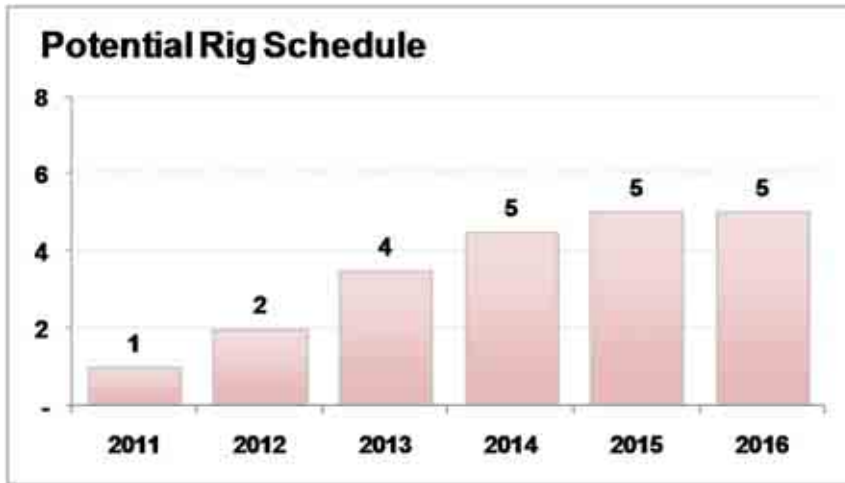
CONSOL Energy & Hess Corporation JV – Utica Shale JV Coverage

- 197,656 total net acres
 - Dry, wet & oil windows
- Dry
 - ~ 11,500 acres
 - ~ 75 horizontal wells
- Wet
 - ~ 83,500 acres
 - ~ 545 horizontal wells
- Oil
 - ~ 102,500 acres
 - ~ 900 horizontal wells
- Analogous to Eagle Ford play
- 338 MMBO + 3.9 Tcf resource
 - 5.9 Tcfe total



CONSOL Energy & Hess Corporation JV – Development Plan

- Rig schedule ramps to an average of 5 by 2015
- Exploration across acreage
- Accelerates development of acreage



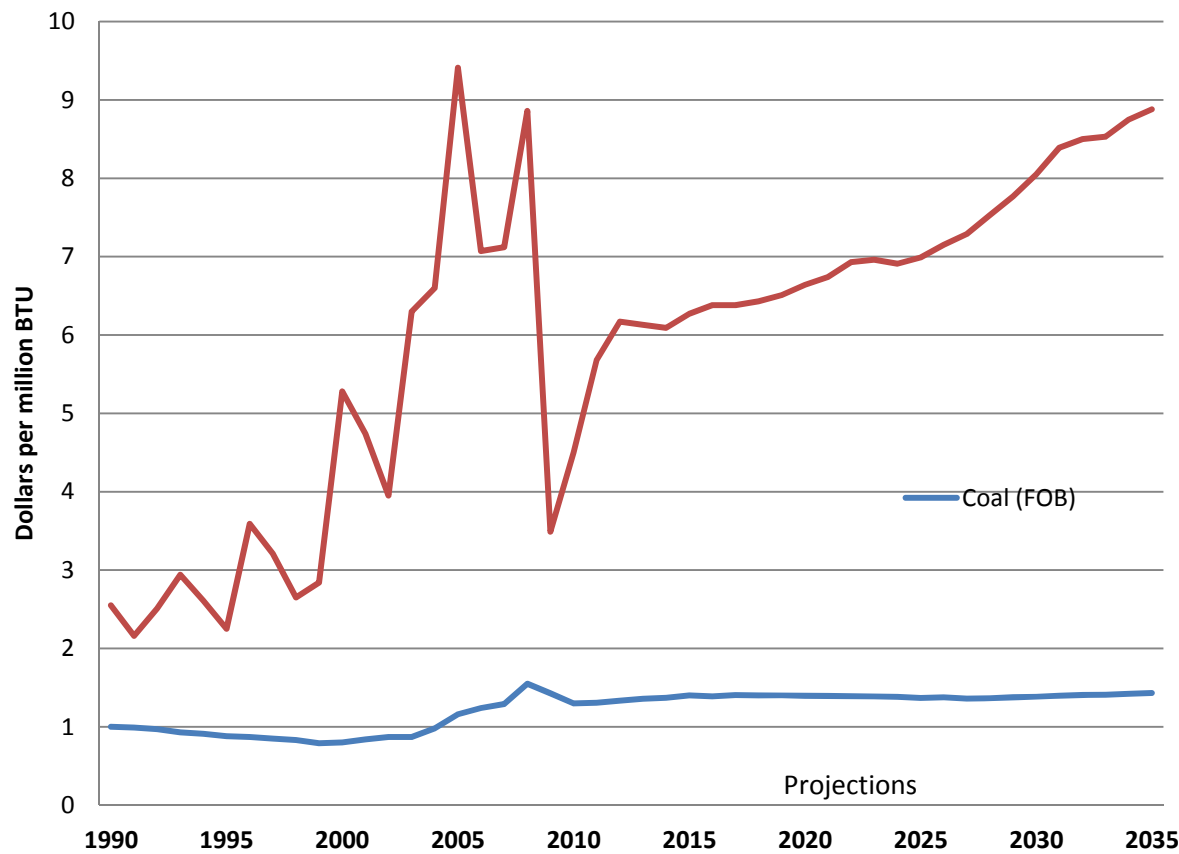
CONSOL Energy & Hess Corporation JV –

Growth Targets

- CONSOL is maintaining its 2015 production goal of 350 Bcf
 - Original goal was established at this level post-Dominion acquisition
 - Any success in the Utica Shale will be additive



Historical and Projection Prices of Coal and Natural Gas, 1990 - 2035



Opportunities for Increased Use of Natural Gas

- Power generation
- Re-emergence of industrial base
- Export of LNG
- Natural Gas Vehicles
- Natural gas conversion to liquid fuels
 - Diesel
 - Jet fuel

Challenges

- Environmental
- Regulatory
- Education

What's in Hydraulic Fracturing Fluid

Public State-based Registry of Hydraulic Fracturing Fluids
Launches April 11, 2011

- Fluid is 99% water and sand, less than 1% chemical additives
- Registry created and managed by state regulators – the Ground Water Protection Council and the Interstate Oil & Gas Compact Commission
- Endorsed by America's Natural Gas Alliance, American Exploration & Production Council, American Gas Association, American Petroleum Institute, Independent Petroleum Association of America, Interstate Natural Gas Association of America, Natural Gas Supply Association
- Searchable public database with well-by-well information and glossary of chemicals

Water Management

Recycling wastewater reduces environmental footprint, transportation costs and reliance on groundwater or municipal sources of water

- Drilling companies in the Marcellus recycled more than 66 % of water June 2008-May 2010
- Re-used 44 million gallons of water & disposed of 21 million gallons*

Producer goal: Recycle 100% of produced water in Pennsylvania

State wide test results show recycled water meets all federal radium standards

State and local testing of water to continue on regular basis, with strong support from natural gas companies

How Much Is 5 Million Gallons?

The 5 million gallons of water needed to drill and fracture a typical deep shale gas well is equivalent to the amount of water consumed by:

- **New York City** in approximately **seven minutes**
- A 1,000 megawatt coal-fired **power plant** in **12 hours**
- A **golf course** in **25 days**
- **10 acres of cotton** in a season
- While these represent continuing consumption, the water used for a gas well is a one-time use.

To Make It All Happen, Industry Is Committed to Good Stewardship

- Listening to and addressing community concerns
- Use of stringent industry and government standards on land reclamation, well construction, water management and pipeline safety
- Responsible hydraulic fracturing practices
- Minimizing surface effects on land and infrastructure
- Offshore safety and spill containment

Community Relations

- Bi-monthly meetings with Center, Morris, Greene, Gilmore, South Franklin Townships
- Proactive approach for development in PA, WVA and Ohio
 - Meetings held with key county leaders
 - Sponsorship of county fairs
- Attended Democratic House Policy Committee
 - Provided testimony & answered questions from committee
- Attended Energy Task Force Meeting
 - Update on local activities CONSOL has in the area
 - Q&A session with local authorities and public
- Sponsored County Fairs & 4-H Livestock Action Fund Raisers
- Donated \$500 to Local Church organization in active area
- Underwriting road repairs in heavily travelled communities
- Highlighting partnerships with national non-profits that provide quality-of-life improvements at the community level

... And Government Must Do Its Part As Well

- Fair access to onshore and offshore resources
- Continued strong and effective state regulation of hydraulic fracturing
- Level playing field: avoid picking winners and losers through mandates
- Tax policy must be fair, not burdensome, and compatible with resource development and job creation
- Financial regulations must not create “economic drain” on investment
- Current regulatory model for pipelines ensures safe, reliable operations and infrastructure investment

Economic Impact -- National



- Natural gas companies contributed over \$4.4 billion per year on average in gas royalty payments alone to the federal government between 2005 and 2010
- Overall contribution to the economy even greater:
 - \$385 billion to the domestic economy in 2008
 - \$180 billion in labor income alone
- Nearly 3 million American jobs
- Over 600,000 Americans are directly employed by natural gas development

Economic Benefit: Large Capital Investment in Region's Natural Resource Assets

- Approximately \$4 - \$5 Million is invested in the development of each Marcellus Shale well
- At 2,500 wells constructed annually, PA can expect to see \$10 billion invested in well site operations alone
- Each mile of Marcellus pipeline represents a nearly \$1 million investment into PA's economy
- Over the next 20 years, the industry will have to invest \$50 to \$100 billion in midstream infrastructure.
- By 2020, job creation will number 200,000
- CONSOL intends to have an overall economic impact of almost \$2 billion in PA in 2011

Economic Impact – Tri-State Region

- By 2020, the natural gas boom is expected to create:
 - Over 200,000 jobs in the region
 - Over \$18 billion in value added
 - Over \$1.8 billion in state and local tax revenue
- Each well requires 415 workers from 150 different kinds of companies to release and harness the fuel



A reasonable impact fee on development of our natural gas resources is appropriate, but we must remain competitive with other states.

What are the Benefits?

- Taxes
 - Indirect
 - Direct
- Industrial Development
 - Chemical plants
 - Youngstown pipe plant
 - US Steel

