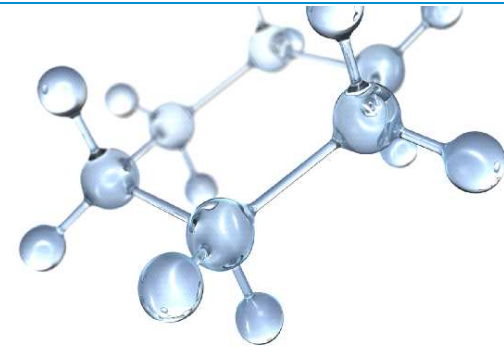


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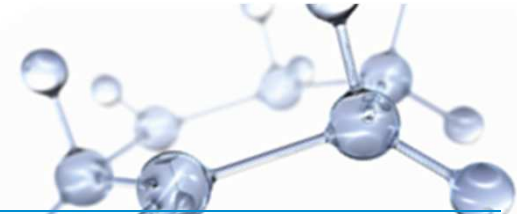


Perspectives on Future of Unconventional Resources

**Short Course and Workshop on Shale Gas Monetization
La Torretta Lake Resort and Spa
Montgomery, Texas
March 28, 2014**

*Robby Denton
Senior Process Consultant
ExxonMobil Upstream Research Company*

A Decade Makes A Difference



U.S. – 2001

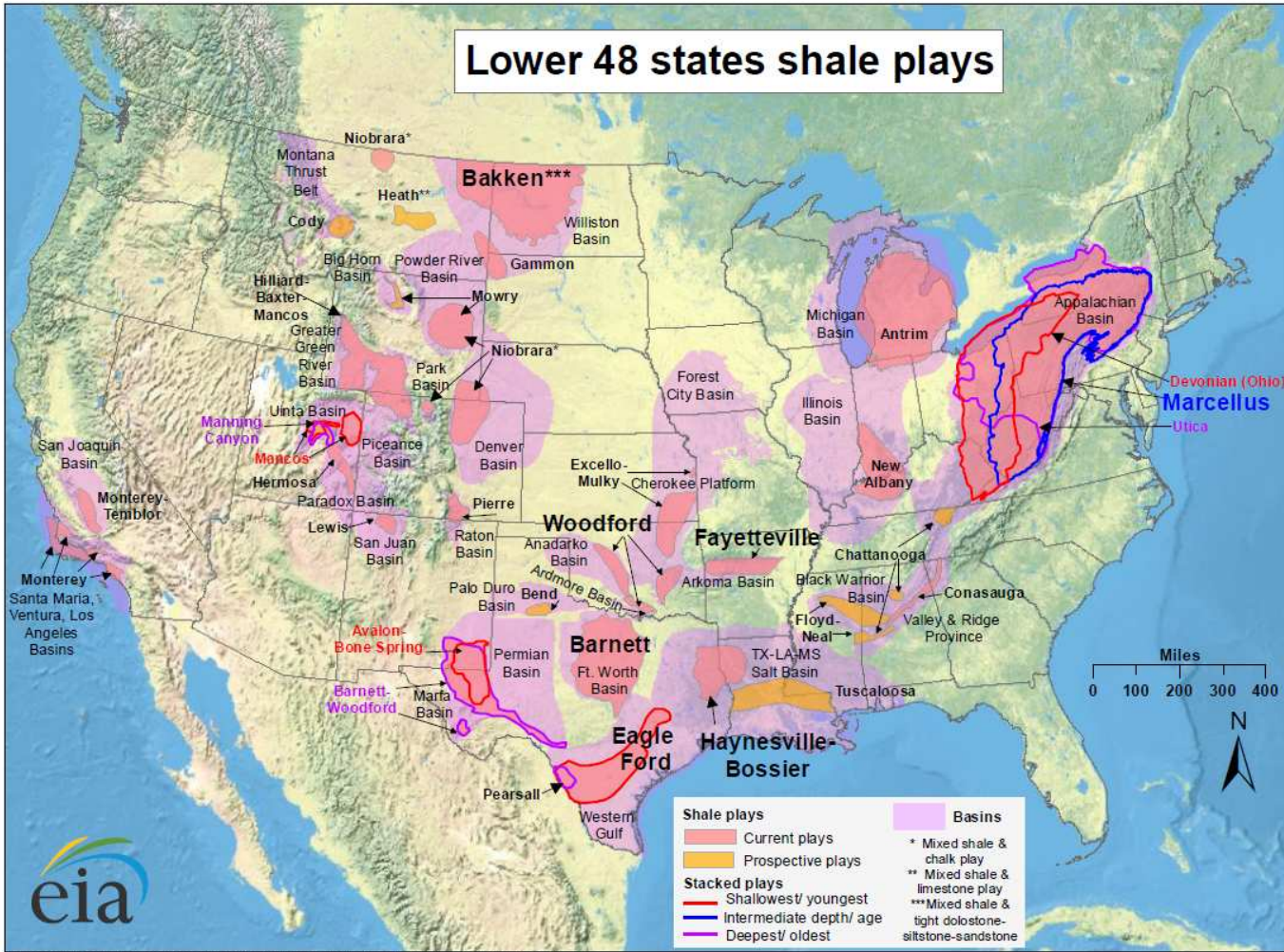
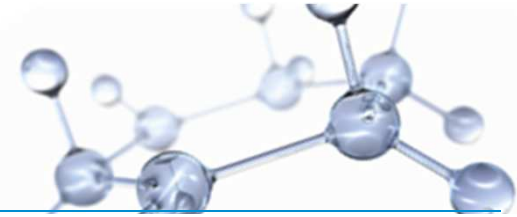
- 60-year supply and falling
- Shale resources known but uneconomic to develop
- Underground gas storage primarily traditional reservoir, operationally not very flexible
- Pipeline capacity growing incrementally

U.S. – 2011

- **100+** year 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 and supply **diversity**

Note: Approximate time period – 2001 to 2011

US Natural Gas Is Abundant



Source: Energy Information Administration based on data from various published studies. Updated: May 9, 2011

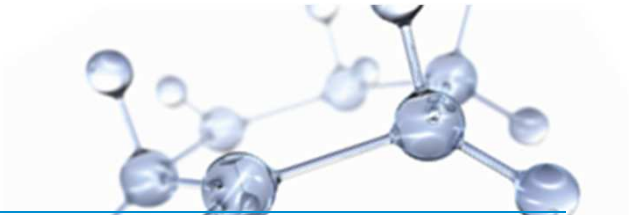
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- Leading producer of unconventional gas
- Rapidly growing unconventional gas & liquids portfolio
 - Over 5 million acres in North America
 - Over 10 million acres worldwide

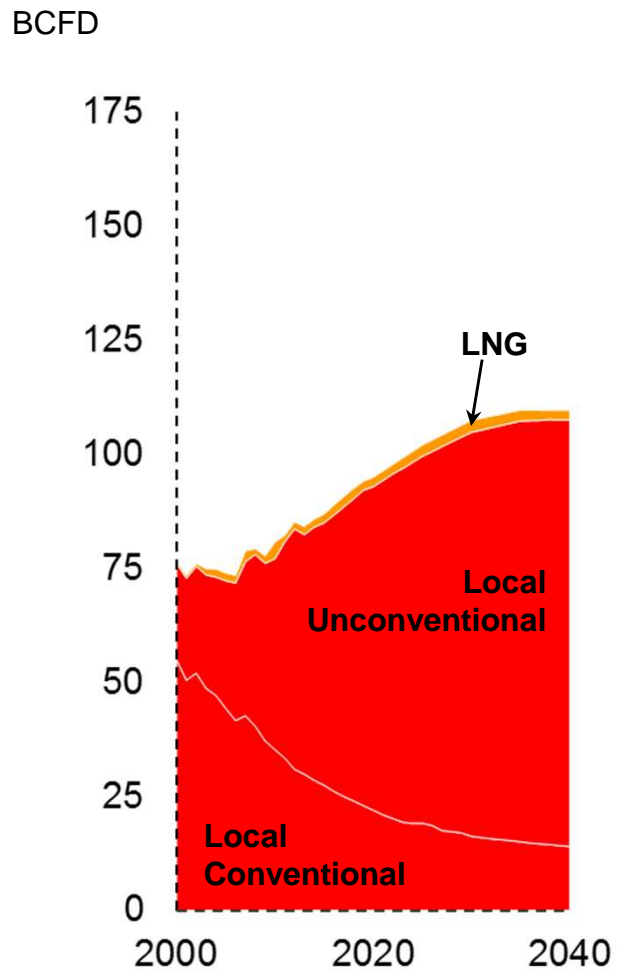
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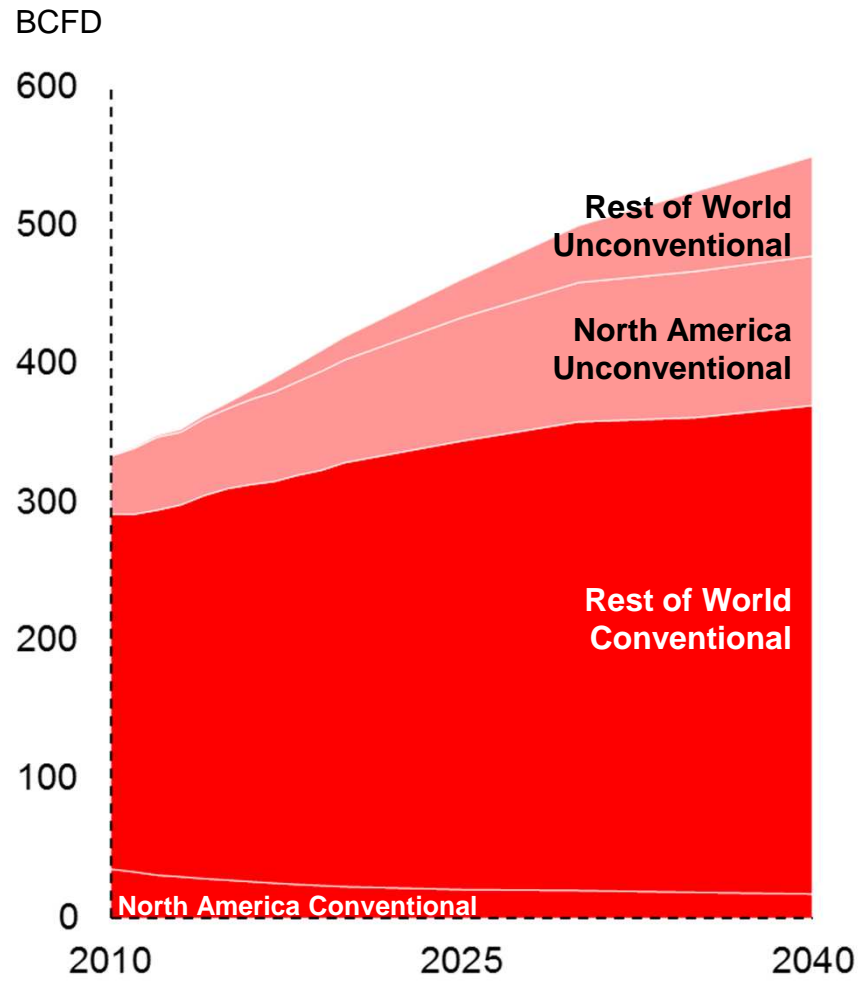


Natural Gas Supply Shifts

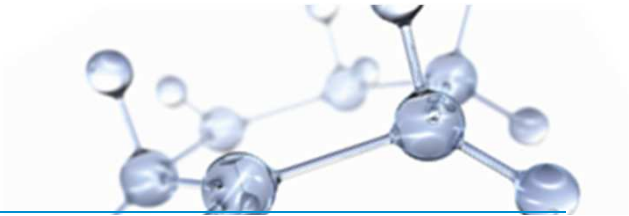
North America Gas Supply



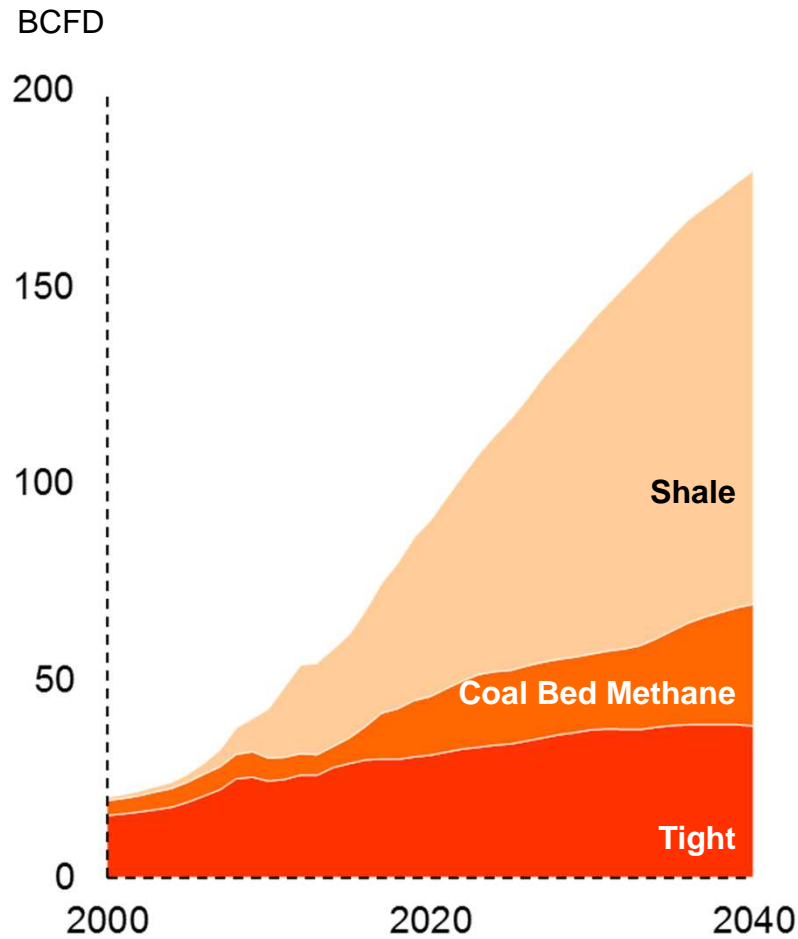
Global Gas Supply



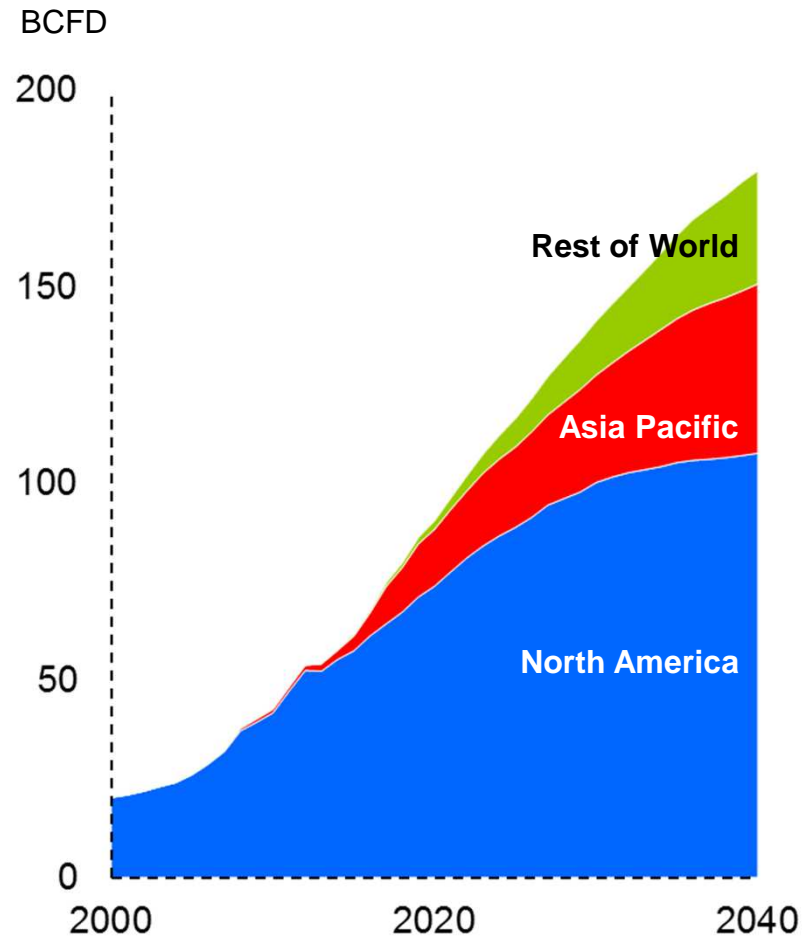
Growth in Unconventional Gas Production



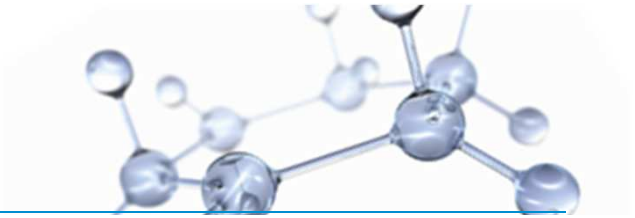
Production by Type



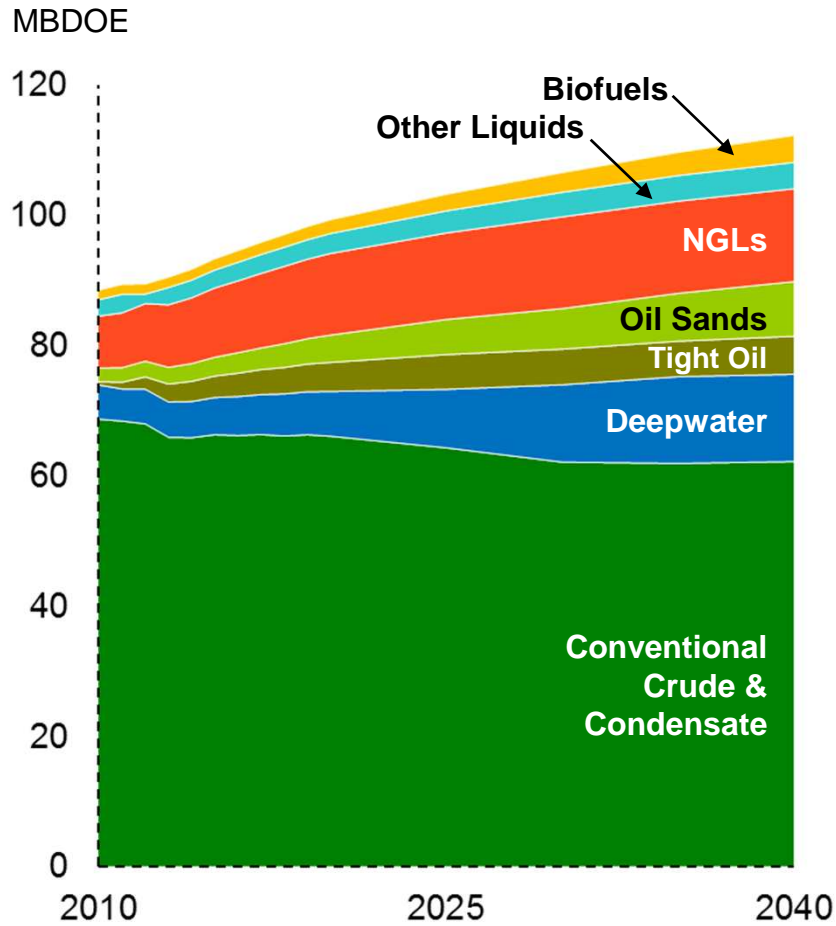
Production by Region



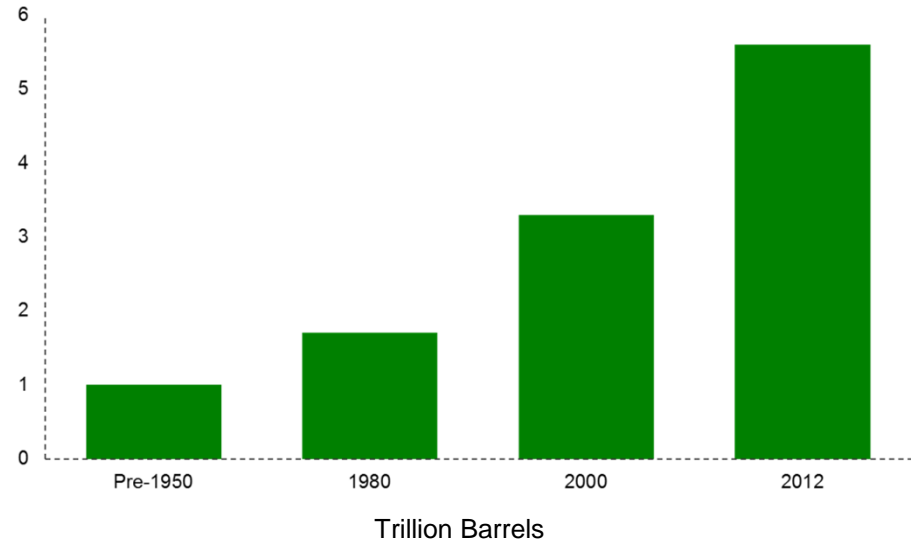
Liquids Supply



Global Liquids Supply

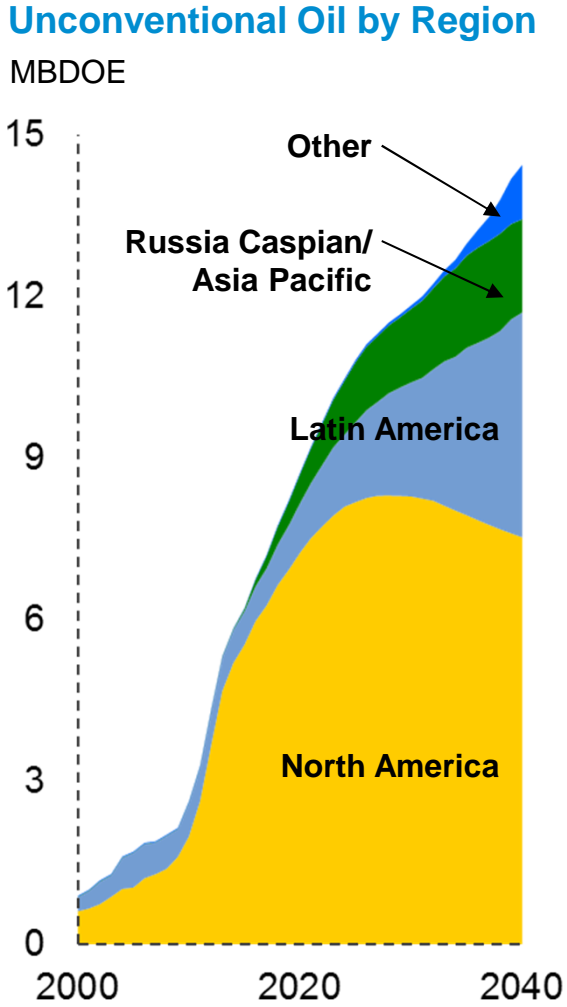
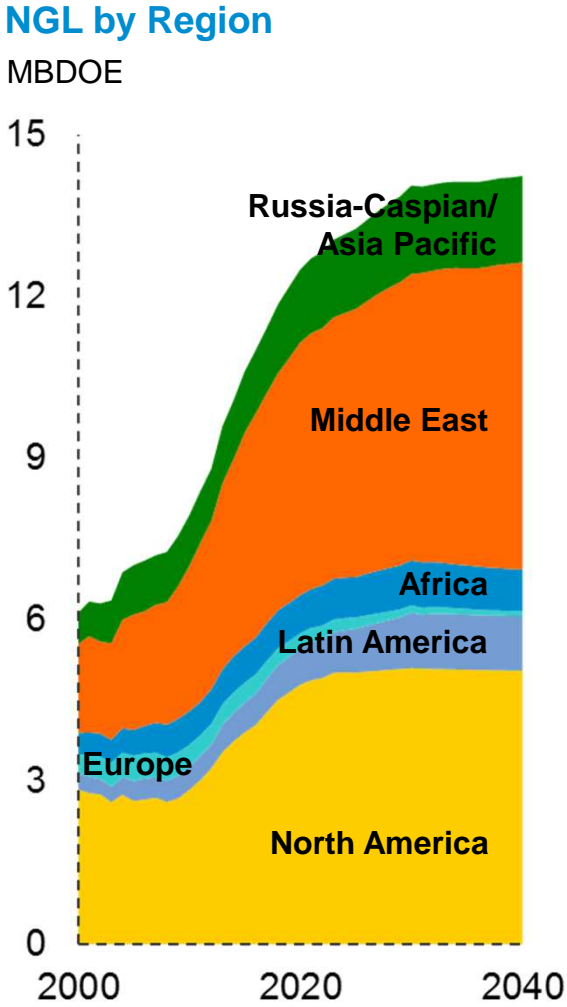
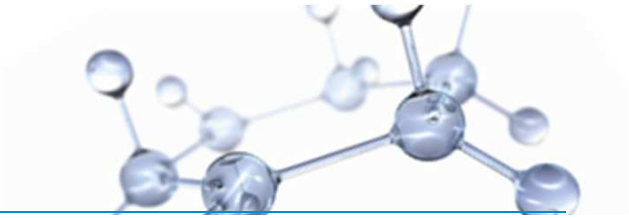


Resources*

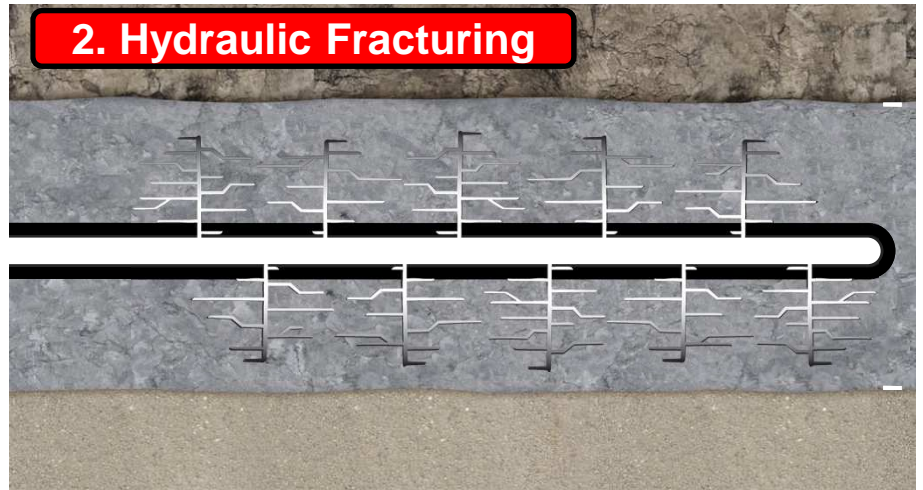
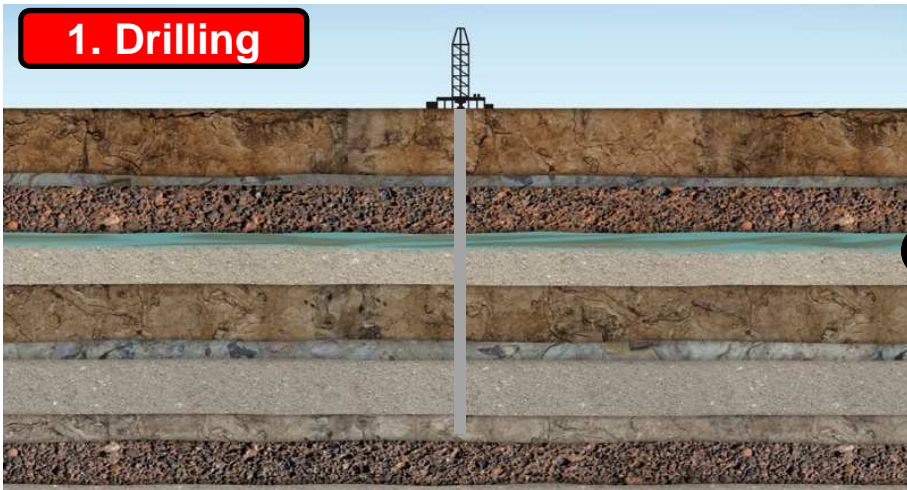
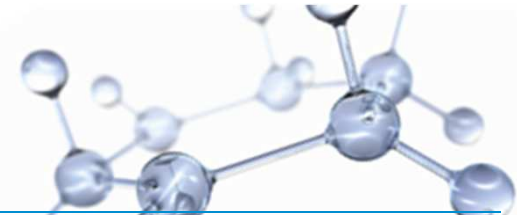


* Source: IEA and USGS
ExxonMobil 2014 Outlook for Energy

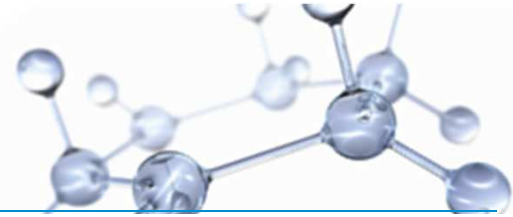
Technology Driven Liquid Fuels Supplies Expand Globally



Technology Improvements Across Shale Gas Process

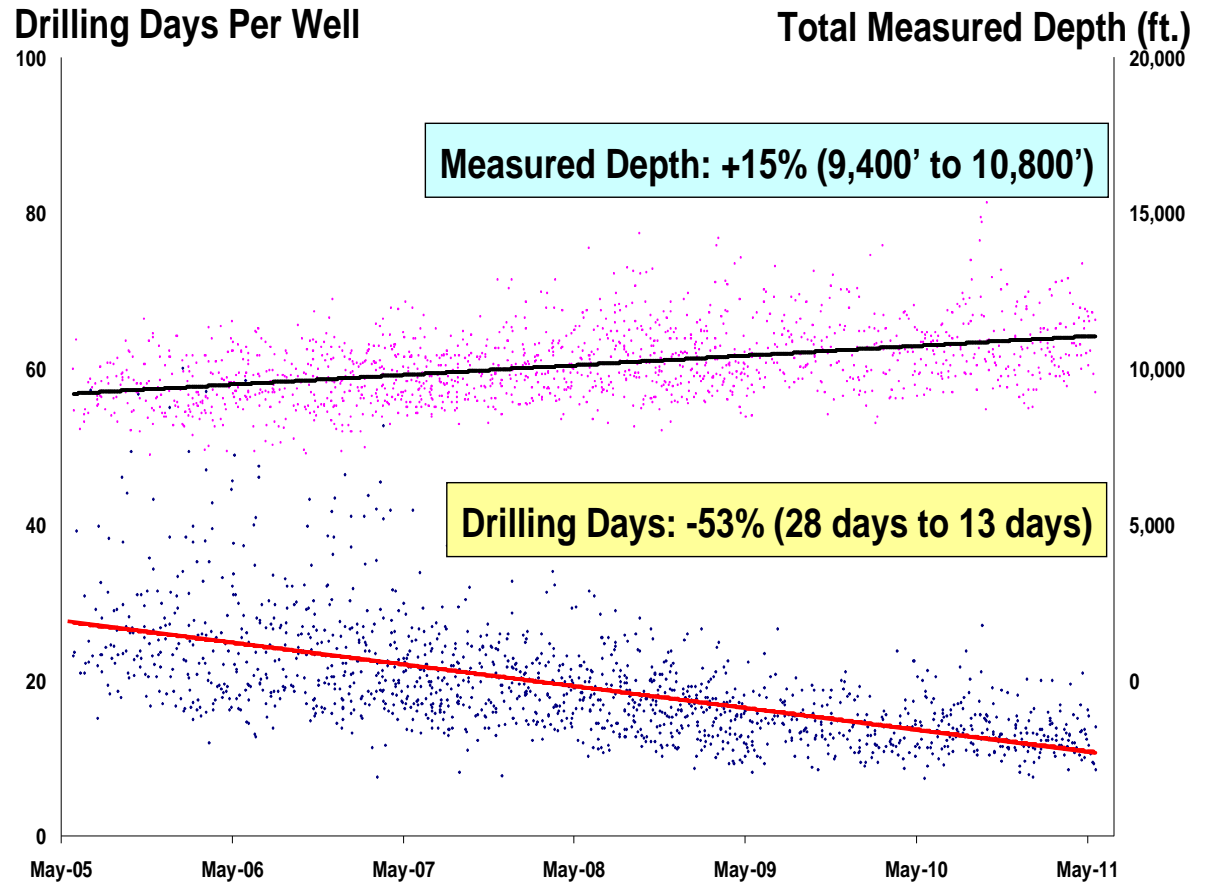


Operational Excellence

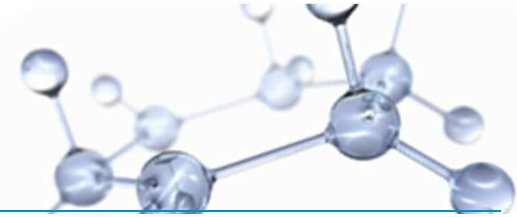


Drilling Performance, Barnett Shale 2005-2011
1,475 wells, Spud to Rig Release

Best practices in unconventional gas build value through higher recoveries and increasing operational efficiency.



Summary



- Gas and liquids production from unconventional resources is an essential source of supply underpinning the outlook for demand
- ExxonMobil has a substantial unconventional gas and liquids portfolio and continues to capture high-quality additions
- ExxonMobil's integrated approach in Unconventional Resources Research will allow it to continue to deliver differentiating technologies with focus on long-term profitability
- ExxonMobil's unique technical capabilities, access to ample field and production data, and extensive operational experience uniquely positions it to best develop all types of unconventional resources – US, North America, and broadly international