

## Baker Hughes

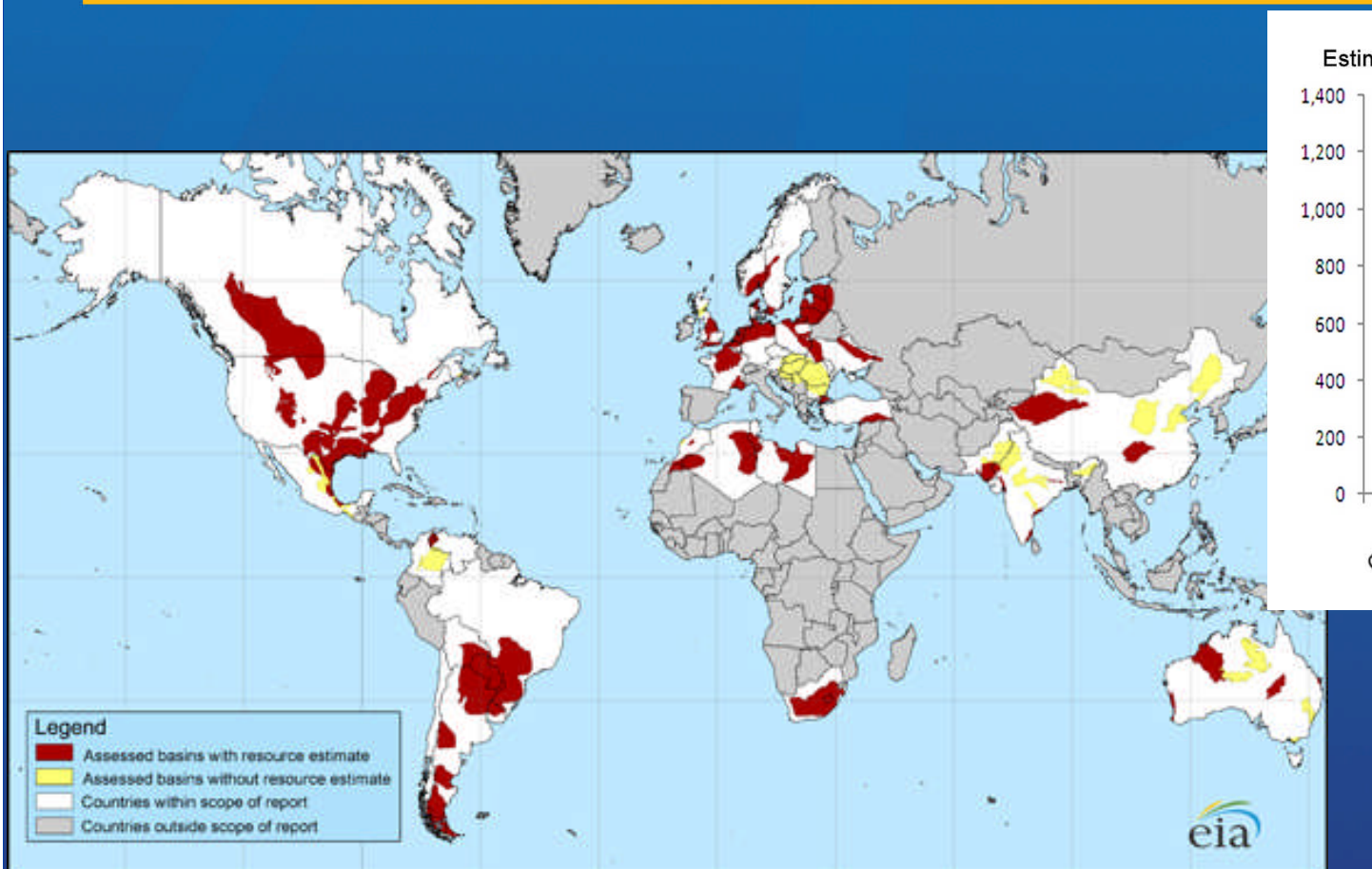
*“Enhancing Well Performance through  
Innovative Completion Technologies”*

Xiang Qian, Vice President Global Account – Chinese National Oil Companies

# 12<sup>th</sup> U.S. – China Oil & Gas Industry

September 10 - 12, 2012

# Major Shale Basins Globally: China and US Largest Estimated Reserves

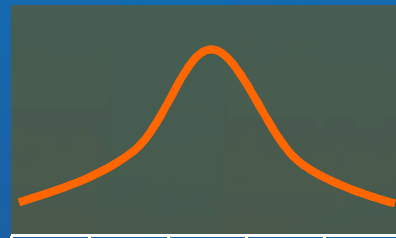


Source: US EIA , “World Shale Gas Resources: An Initial Assessment”

# Technology Impact



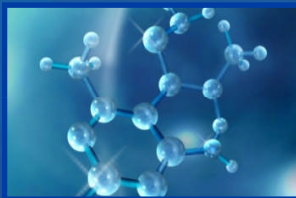
Unlock market potential



Reduce the risk vector



Inc



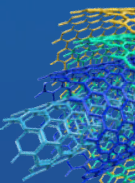
Sustainable  
Chemistry



High Performance  
Information



Advanced Measurement  
& Actuation



D  
M



Deepwater



Unconventional



# Unconventional – Completion Techno

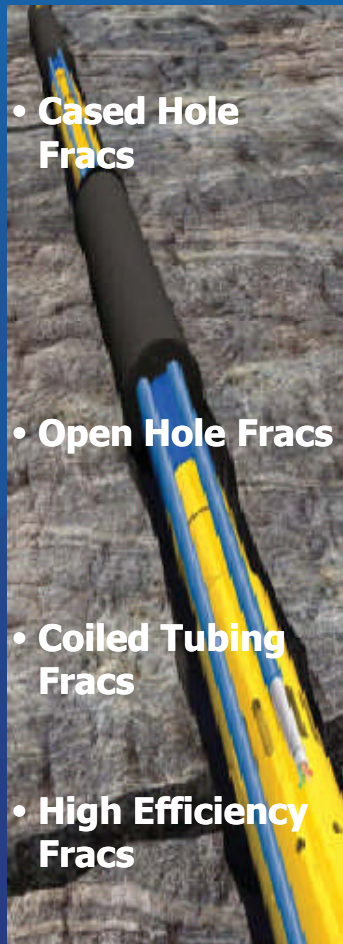
## Business Drivers

- **Increase Operational Efficiency**
- **Increase Reservoir Contact**
- Minimize HSE Impact
- Reduce NPT



## Applications

- **Cased Hole Fracs**
- **Open Hole Fracs**
- **Coiled Tubing Fracs**
- **High Efficiency Fracs**



## Enabling Technologies Techno

### AMT Cutters



### Telescoping Port



### Controlled Electrolytic Metallics



# Plug & Perf Experience in North Ame

Total number of Composite Plugs as of 6/1/12



# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.