# **OTC 2009 – Asia Pacific Breakfast**

David King President Completion and Production Division

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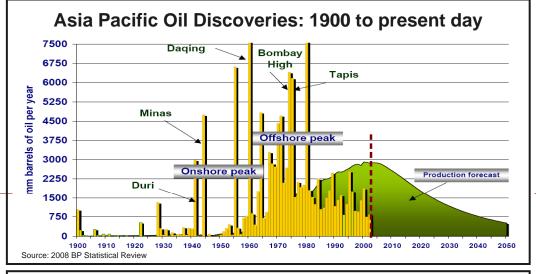
### How the Asia Pacific Market Evolved

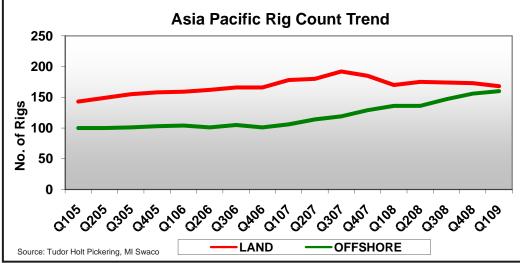
1

2

Smaller oil discoveries. Gas drove production growth.

Offshore drilling caught up with land. F&D costs increased as a result, driven by rig rates.





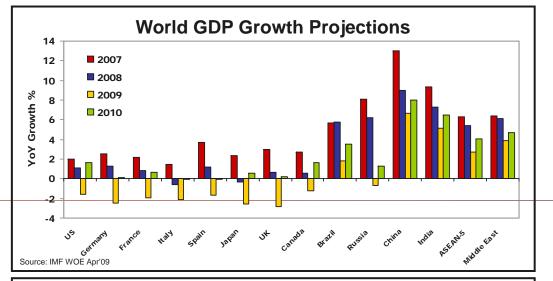
### Market Outlook

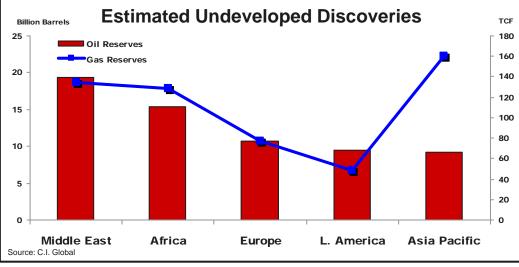


1

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Significant undeveloped reserves potential.





### **Market Outlook**



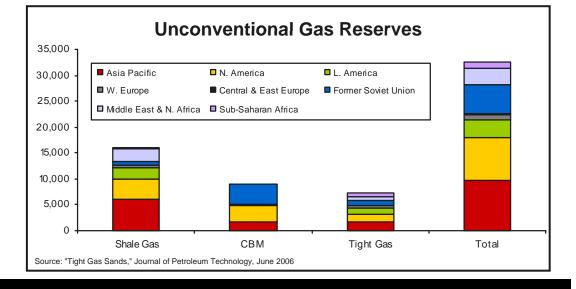
Gas still has a major upside potential.

3

4

Considerable complex and unconventional reservoirs.

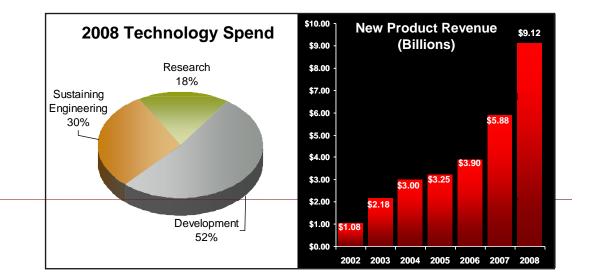
#### **Asia Pacific Forecast Production Mix** 10000 9000 🗖 Oil Thousands of barrels of oil per day Gas 8000 7000 6000 5000 4000 3000 2000 1000 10q0000q00<u>0 0q---</u>0 q0000QQQQ 0 1990 2000 2010 2020 2030 2040 2050 1930 1940 1950 1960 1970 1980 Year Source: Energyfiles, Ltd



## **Positioning for the Future**

### • Gearing up for the future:

- Capital investment
- Technology innovation
- People development



#### Surviving the present:

- Decentralized training, technology and manufacturing centers
- Increased efficiencies and effective cost management
- The cost vs. price challenge; technologies, bundling, service delivery



Halliburton's Singapore Manufacturing and Technology Center Lim Hng Kiang, Singapore's Minister of Trade and Industry, and Dave Lesar, Halliburton CEO.

Halliburton Training Facility in Malaysia

### Success Story – Case in point

#### **Customer Objective**

A leading operator in India was pursuing best-in-class solutions to enhance their HPHT drilling success, matching other operators' successes in nearby blocks.



- Challenging heavyweight cement slurry (22.0ppg, 250°C Cement)
  HPHT water-based mud systems experience required
- Leveraged a suite of HPHT solutions including mud/cement designs, service tools, production packers & local technology support in Pune
- Successfully delivered the well in record time, without any problems.
- A "first" achievement for this operator in the target reservoir

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