



Technology for Today's Business and Tomorrow's Opportunities

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Technology Model: Leverage and Integration



Integration:

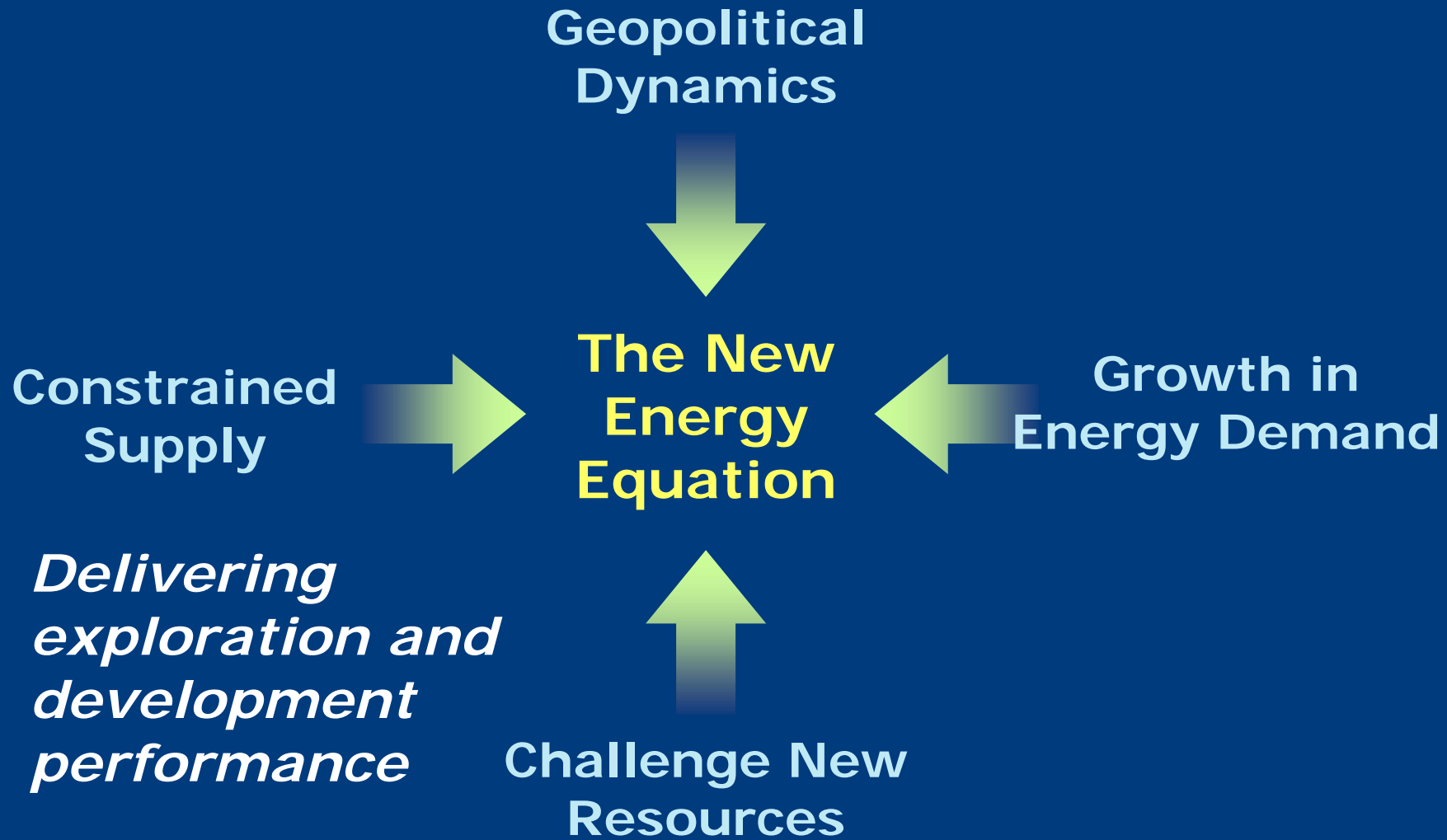
- Value chain technology organization
- Business and opportunity driven
- Key proprietary R&D

Leverage:

- Broad access to new technologies
- Technology partnerships
- Venture Capital investments
- New energy business development

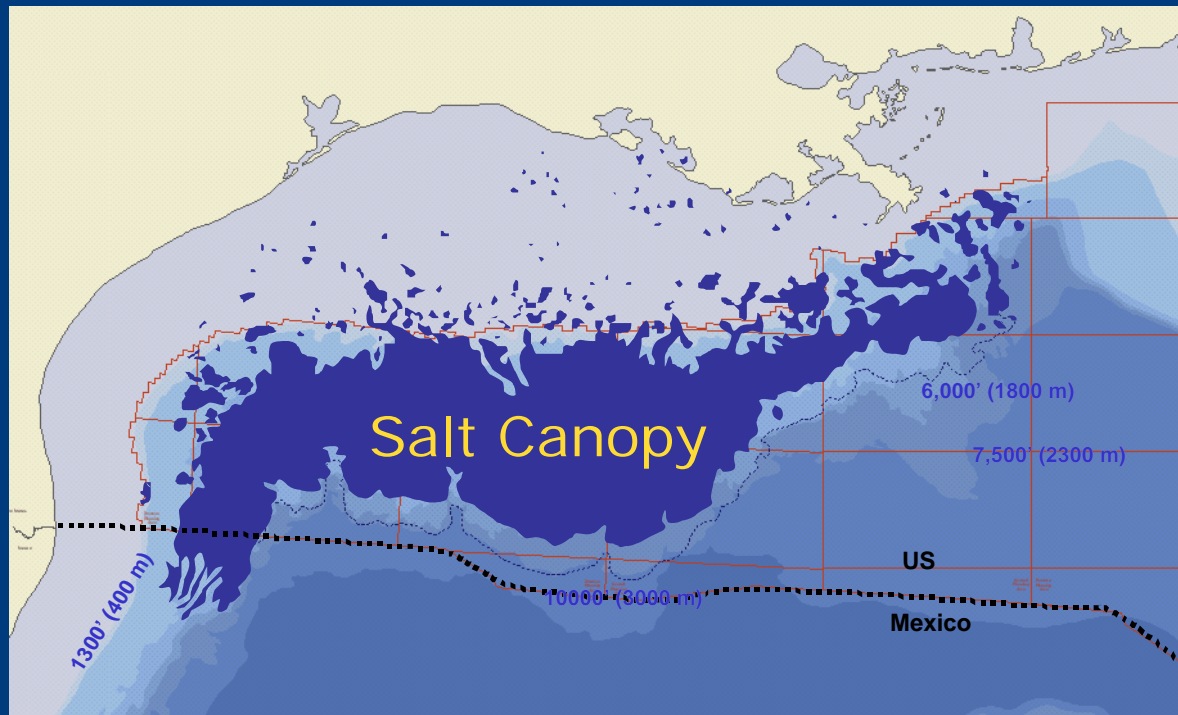


Technology: Addressing the New Energy Equation



Delivering Top Tier Exploration Results

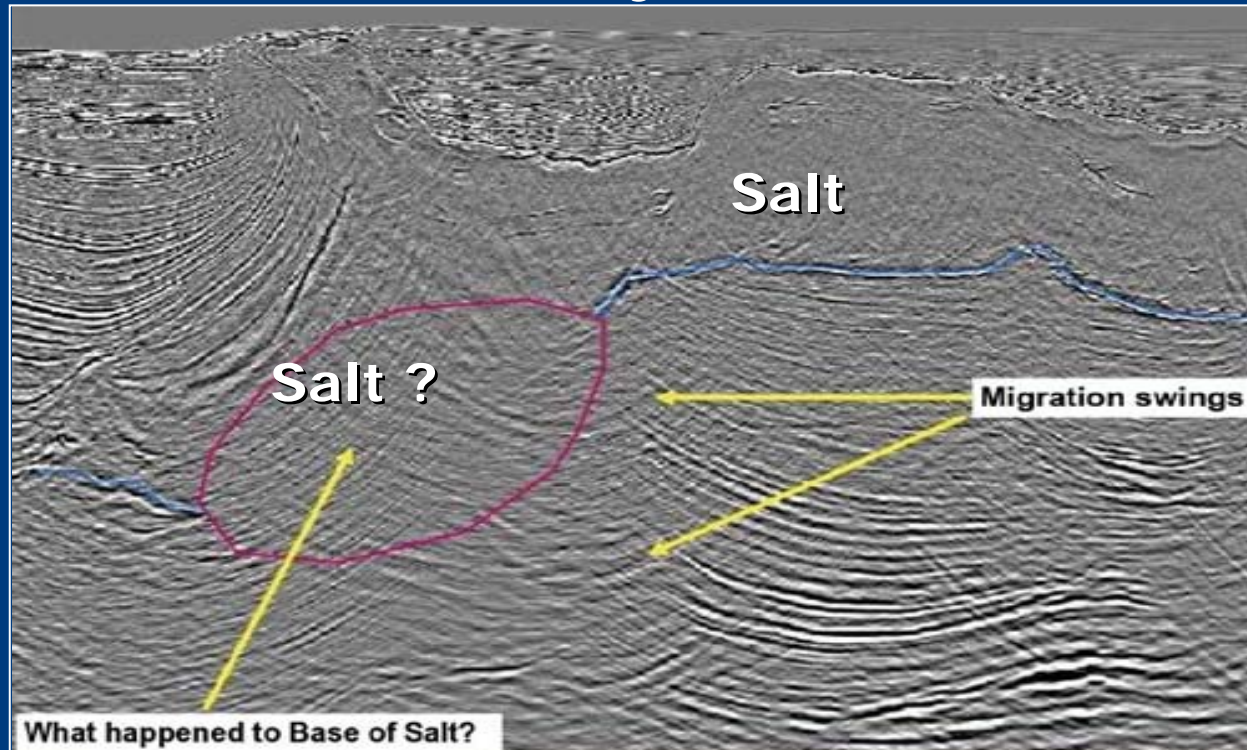
Challenge: Lowering risk for subsalt exploration and development



Average drill and complete cost ~\$100MM

Delivering Top Tier Exploration Results

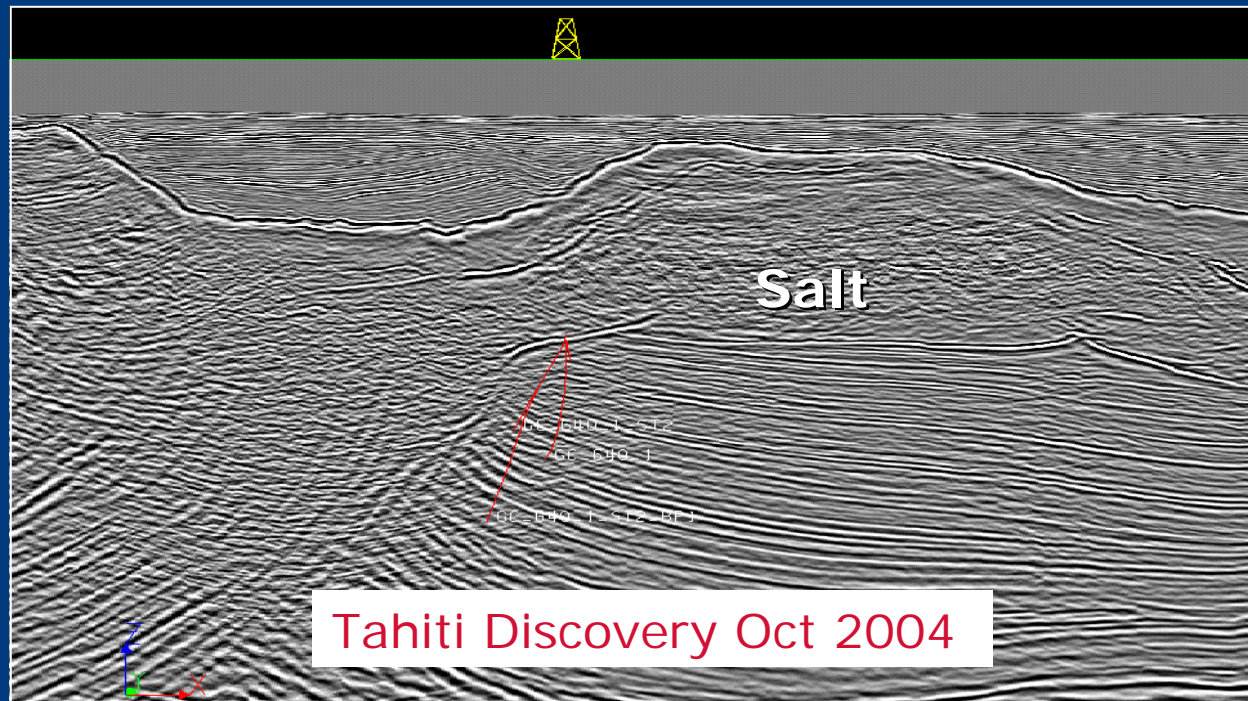
Seismic imaging in the GOM subsalt Industry 2005



Delivering Top Tier Exploration Results

Proprietary subsalt imaging

Chevron 2003



- Superior images significantly reduce risk
- Basin scale application creates competitive advantage

Delivering Field Development Performance



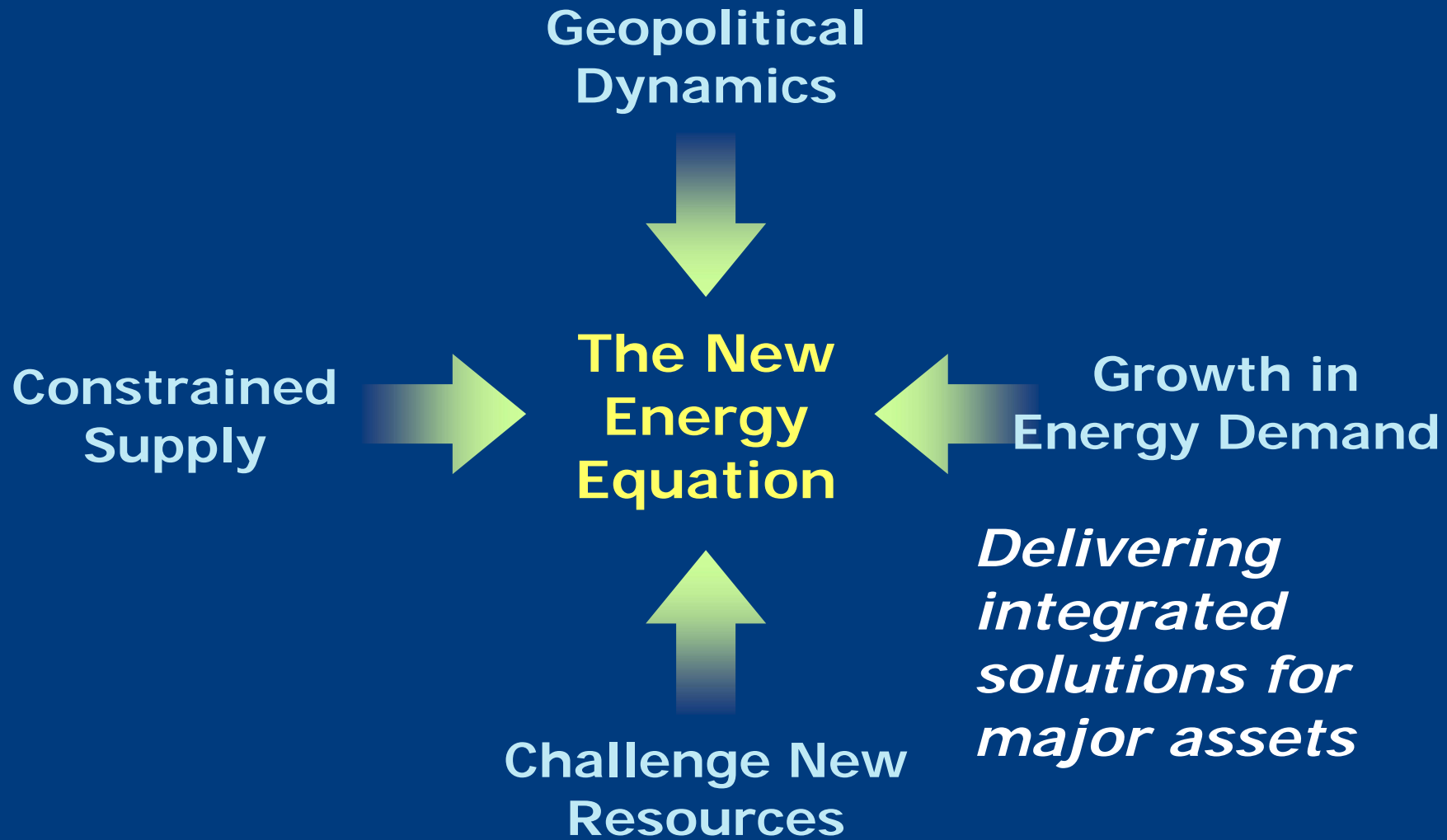
Proprietary drilling and completions technology



Results:
Average Well Cost - Tengiz

Opportunity:
Discoverer "Clear Leader"
State of the art drillship
\$650MM CAPEX
12,000' capability

Technology: Addressing the New Energy Equation

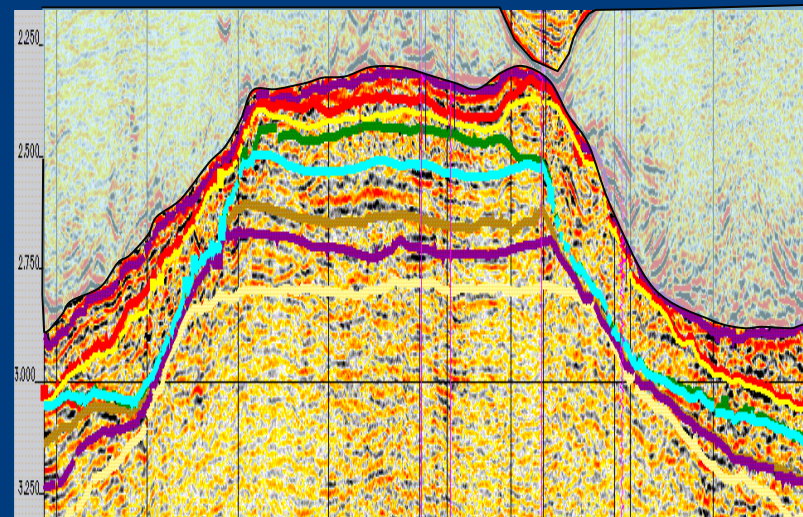


Delivering Integrated Technology Solutions



Sour Gas Injection at Tengiz

- Expands production and recovery by 160-250KBPD
- Reduces capital in surface facilities
- Eliminates .5MM tons of sulphur per year
- Next-generation reservoir simulator deployment



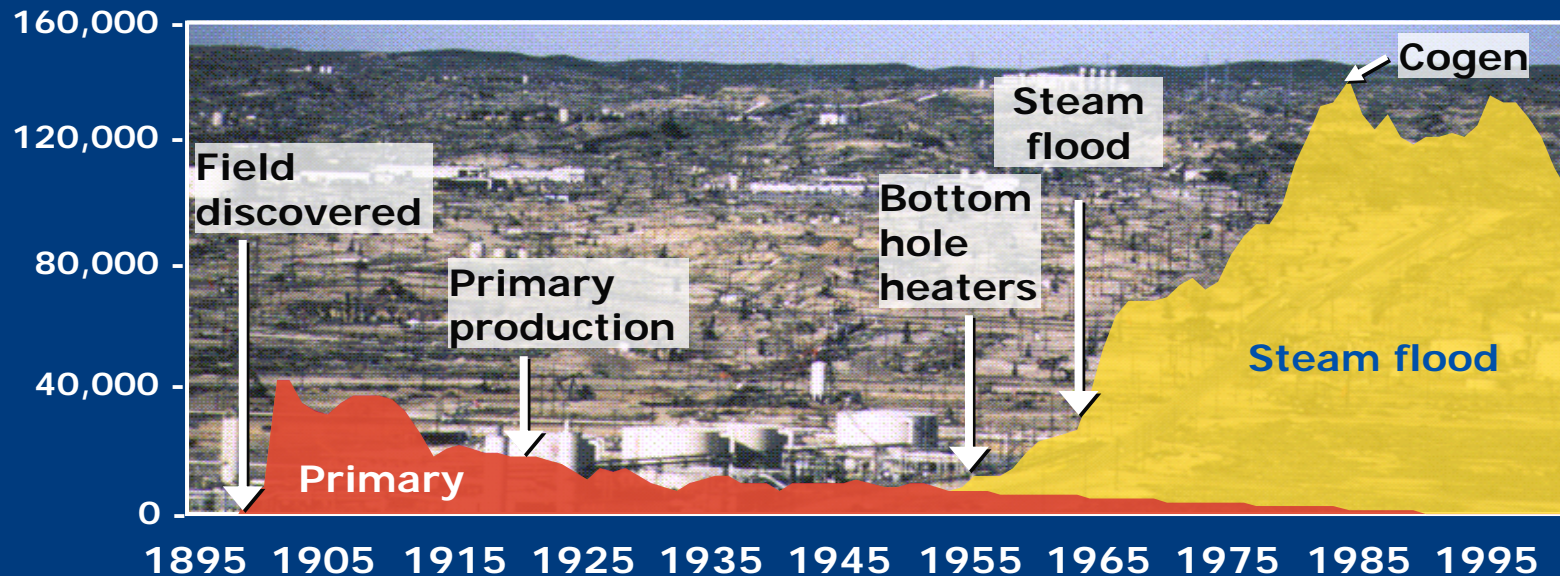
Delivering Integrated Technology Solutions



World leaders in heavy oil technology and asset management

- 50% lower OPEX: >\$100MM/yr on steam alone
- Enhanced recovery approaching 90% in some field sectors
- "Digital oil field" deployment

Production (BOPD)



Delivering Integrated Technology Solutions



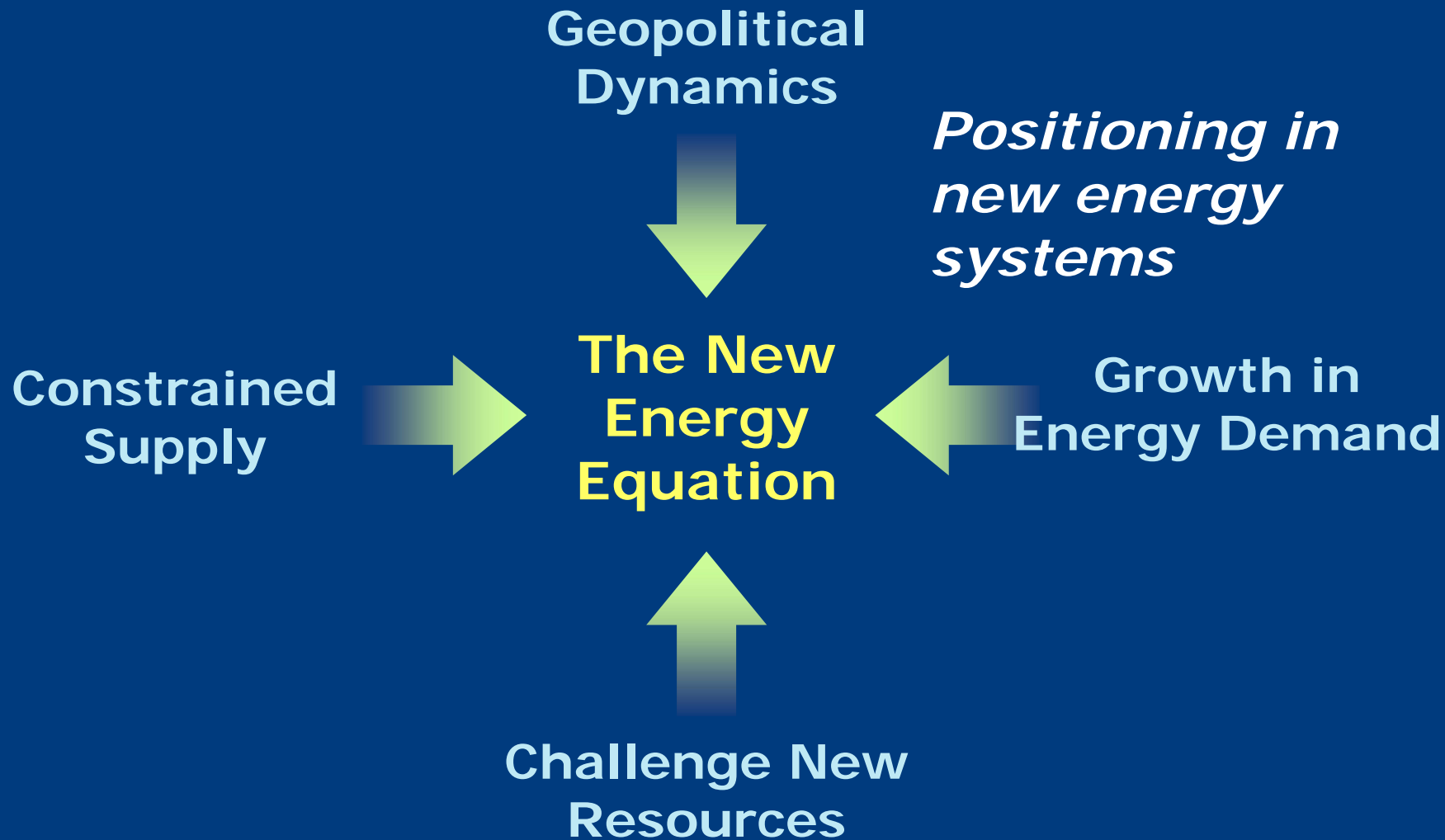
Chevron is a leader in the growing GTL business

Sasol Chevron partnership creates a world-class technology combination for GTL

- Chevron product upgrading technology
- Sasol F-T technology
- Advanced conversion and fuel production technologies



Technology: Addressing the New Energy Equation



Positioning in New Energy Systems

Renewable Infrastructure



Geothermal Power



Bio-fuels Production



Advanced Batteries



Hydrogen Infrastructure



The background features a large offshore oil rig in the ocean under a blue sky with light clouds. Overlaid on the right side is a laboratory flask with a magnifying glass over it, showing a stream of blue liquid being poured. The background is also decorated with a pattern of green and blue molecular structures.

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