31st Oil Shale Symposium

State of Utah
Lieutenant Governor
Greg Bell

October 17, 2011
Utah Supports Oil Shale

- Energy Independence
- Domestic Jobs
- Reducing Imports
- National Security
- Rural Development
- Showcase Technology
- Economic Development

Photo: UGS
Energy is a Priority for Utah

- Governor Herbert’s Four Cornerstone Priorities
  - Education
  - Energy
  - Economic Development
  - Self-Determination

“No other state can offer what Utah can. We are uniquely positioned in the Western Energy Corridor. Utah has a rich abundance of diverse natural resources, both in terms of traditional fuels, and renewable and alternative energies.”

~Governor Gary R. Herbert
Governor’s Energy Task Force

Chair: Amanda Smith, Governor’s Energy Advisor

- Ted Wilson, Canyon Ski Resort
- Paul F. Barber, Parando
- Robert T. Behunin, Utah State University
- Spencer P. Eccles, Governor’s Office of Economic Development
- Bob Henrie, R&R Partners
- Ronald W. Jibson, Questar Gas
- Stan Parrish, Parandco
- Derek B. Miller, Governor’s Office
- Robin Riggs, Salt Lake Chamber of Commerce
- L. Douglas Smoot, Brigham Young University
- Richard Walje, Rocky Mountain Power
- Alan J. Walker, USTAR and University of Utah
- Ally Isom, Governor’s Office
- Samantha Mary Julian, Office of Energy Development
Strategic Energy Plan

ENERGY INITIATIVES & IMPERATIVES
Utah's 10-Year Strategic Energy Plan

Read it online at: governor.utah.gov
Office of Energy Development

- **Created in 2011 by H.B. 475**
  - Operating for approximately 160 days

- **Progress Energy Development**
  - Single point of contact
  - Development of ALL energy resources
  - Shape and implement policy
  - Assists industry and citizens
    - Streamline processes with state and federal agencies
    - Track data

**OED is here to help you!**
How Utah is Supporting the Energy Industry

- Regulatory Changes
- Modernize Procedures
- Land Permitting
- Transportation & Infrastructure
- Education & Public Awareness
- Unprecedented Partnerships:
  - Federal Agencies
  - Native American Tribes
  - Environmental Groups
  - Local Governments
  - Extractive Industries
  - Businesses
Governor’s Balanced Resource Council

- Created in 2009 by Governor Herbert
- Prioritize & Recommend Actions
- Review Public Land Policy
- Review Water & Air Quality
- Identify the Needs of Energy Industry
How Industry can Show Support

- Work Responsibly with Federal Partners
- Air Quality & Water Consumption
- Wildlife & Archaeology
- Carbon Management
- Unprecedented Partnerships:
  - Governor’s Office
  - Federal Delegation
  - Local Leaders
  - University & Colleges
Oil Shale is an Enormous Resource

- **Green River Formation**
  - CO, UT, WY
  - Contains the most Oil Shale in the world

- **Estimates at 1.8 Trillion Barrels**
  - Utah Geologic Survey
    - 77 billion bbls
    - On private land, shallow, high content

**US Conventional Oil Reserves** vs **US Oil Shale Resource**
Historical Challenges for Oil Shale

- ‘Just Over the Horizon’ for Decades
- Unpredictable Energy Prices
- Water Usage
- Land Impacts
Governor’s Energy Development Summit

- National-Level Summit
- 800+ Attendees
- February 2012
- Details: http://energy.utah.gov
Utah is Open for Business

- Utah #1 “Best Managed State” *(Pew Center, 2011)*
- Utah #1 “Best State for Business” *(Forbes, 2011)*
- Utah #1 “Expected Economic Recovery” *(ALEC, 2011)*
- Utah #1 “Best States to Live” *(Business Facility, 2011)*
- Utah #1 “Workforce Productivity” *(Brookings Institute, 2011)*
- Utah #1 “Quality of Life” *(Business Facility, 2011)*
- Utah #51 “Neuroticism” *(Wall Street Journal, 2010)*
Thank You!

Questions?

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