

University of Colorado Law School

## Colorado Law Scholarly Commons

---

Workshop on Directional Drilling in the Rocky  
Mountain Region (November 13)

2003

---

11-13-2003

### SLIDES: Untitled [British Petroleum]

Rusty Riese

Follow this and additional works at: <https://scholar.law.colorado.edu/workshop-on-directional-drilling-rocky-mountain-region>



Part of the [Energy and Utilities Law Commons](#), [Energy Policy Commons](#), [Environmental Health and Protection Commons](#), [Environmental Law Commons](#), [Environmental Policy Commons](#), [Hydraulic Engineering Commons](#), [Natural Resource Economics Commons](#), [Natural Resources Law Commons](#), [Natural Resources Management and Policy Commons](#), [Oil, Gas, and Mineral Law Commons](#), [Property Law and Real Estate Commons](#), [Science and Technology Law Commons](#), and the [State and Local Government Law Commons](#)

---

#### Citation Information

Riese, Rusty, "SLIDES: Untitled [British Petroleum]" (2003). *Workshop on Directional Drilling in the Rocky Mountain Region (November 13)*.

<https://scholar.law.colorado.edu/workshop-on-directional-drilling-rocky-mountain-region/3>

Reproduced with permission of the Getches-Wilkinson Center for Natural Resources, Energy, and the Environment (formerly the Natural Resources Law Center) at the University of Colorado Law School.



# Key Points

- **Coal beds can be very irregular in their configuration**
- **Coal reservoirs are vertically discontinuous**
  - Ash and clastic layers preclude vertical permeability
- **Coal reservoirs are laterally discontinuous**
  - Faults and erosion preclude extensive lateral drainage
- **Coal reservoirs are structurally incompetent and prone to mechanical failure**
- **Coals shrink as their methane is produced**
  - Mechanical failure and permeability losses result



23 10:51 AM









23 11:36 AM







23 10:49 AM