11-13-2003

SLIDES: Untitled [British Petroleum]

Rusty Riese

Follow this and additional works at: http://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
http://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