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

2003

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11-13-2003

### SLIDES: Untitled [Colorado Attorney General's Office]

Carol Harmon

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**State requires directional  
drilling**

**RARELY**

# **Impacts on environment**

- **Necessary to protect public health, safety, welfare**
- **Cost Effective**
- **Technically feasible**

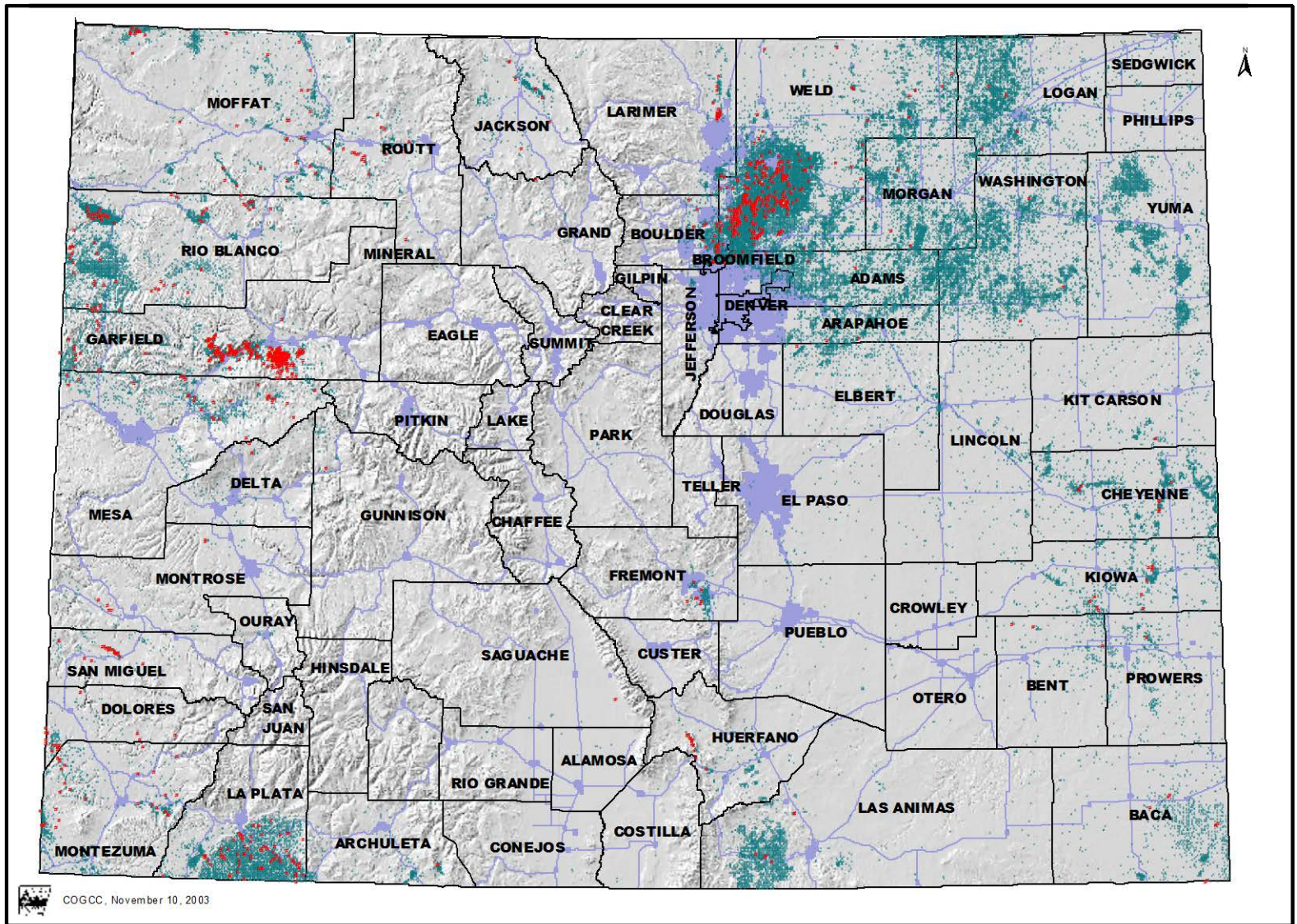
# **Not authorized to consider:**

- **Property values**

- **Preferred quality of life**

# **Sample rules protecting public health, safety and welfare**

- **High density areas**
- **Designated outside activity areas (Rule 603 restrictions)**
- **Order of the Commission**
  - **Garfield County - application for 20-acre density drilling & spacing units**



LEGEND

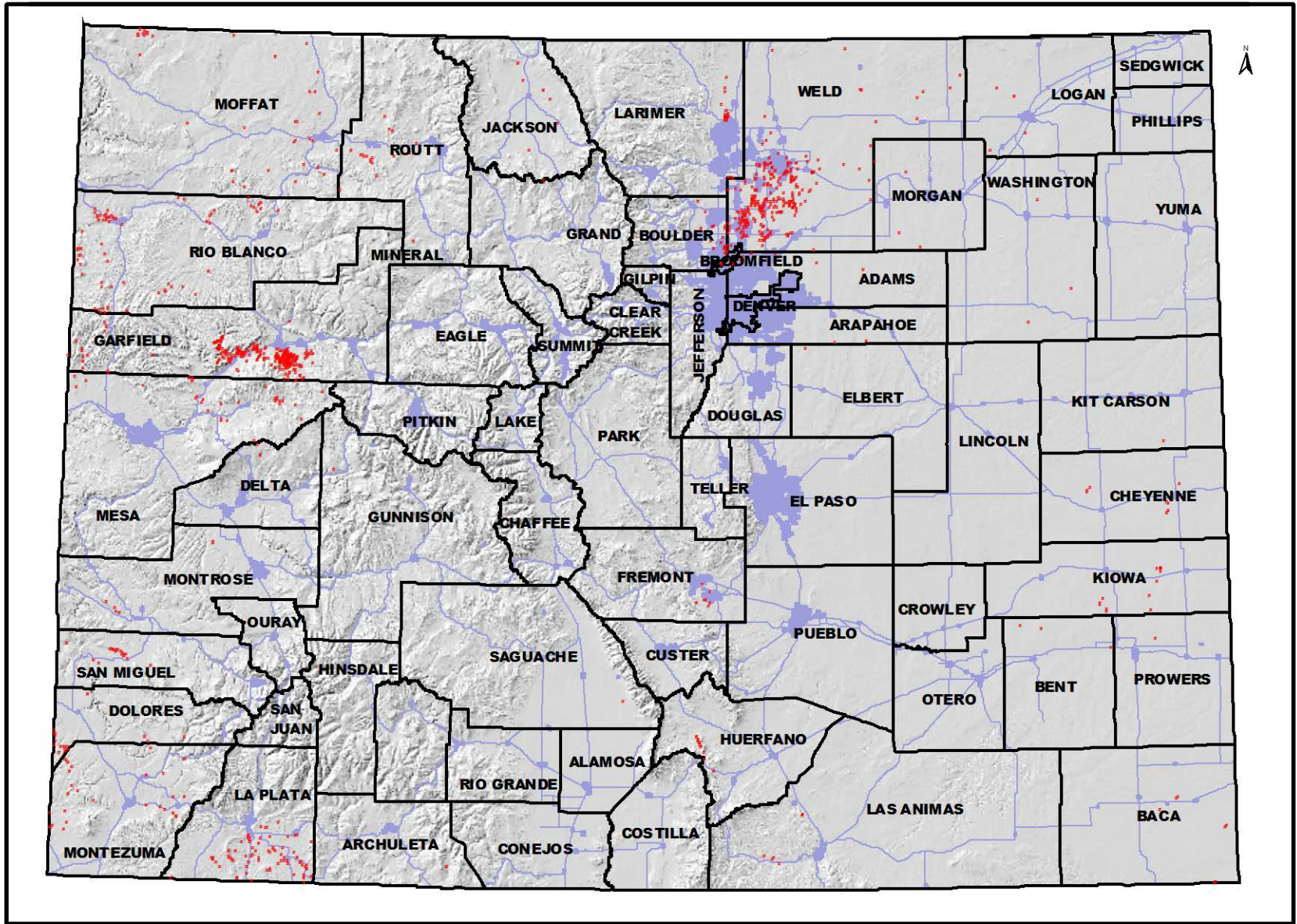
# DEVIATED OIL/GAS WELL

# VERTICAL OIL/GAS WELL

— HIGHWAY

■ CITY / TOWN

## DEVIATED WELLS IN COLORADO



LEGEND

# DEVIATED OIL/GAS WELL

— HIGHWAY

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## DEVIATED WELLS IN COLORADO



# **Examples of directional drilling (including horizontal wells)**

- **Garfield County (596)**
  - **Order of Commission: 20-acre density**
  - **Proposed by operators: 10-acre density**
- **Weld County (460)**
  - **technology development**
  - **growth of cities**
  - **terrain**



# **For more information:**

- **[www.oil-gas.state.co.us](http://www.oil-gas.state.co.us) (Rules page)**