A Geologic Perspective to the Shale Revolution

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Here we are...
Shale Plays – Lower 48 States
Endowed with ... 

Mountains are 480 million years old
Major Appalachian Plays
WV Stratigraphic Chart

- **Coal-bearing strata**: 0 – 1500 feet
- **Marcellus**: 6,000 – 8,000 feet
- **Utica**: 10,000 – 12,000 feet
- **Rogersville/ Cambrian**: 16,000 - 23,000 feet
Shale Plays – Marcellus & Utica

**Marcellus**
- 95,000 sq mi
- 4,000 – 8,000 ft deep
- 430 trillion cubic feet of natural gas

**Utica**
- 170,000 sq mi
- 10,000 – 15,000 ft deep
- 780 trillion cubic feet of natural gas
Shale Plays – Rogersville
Projected Natural Gas Production

Source: Energy Information Administration
However...

464 Actions Across 26 States
We thank the Governor’s Summit for this opportunity