

Unconventional Natural Gas: Industry Savior or Bridge

*Unconventional Gas Production Projections in
the Annual Energy Outlook 2006: An Overview*

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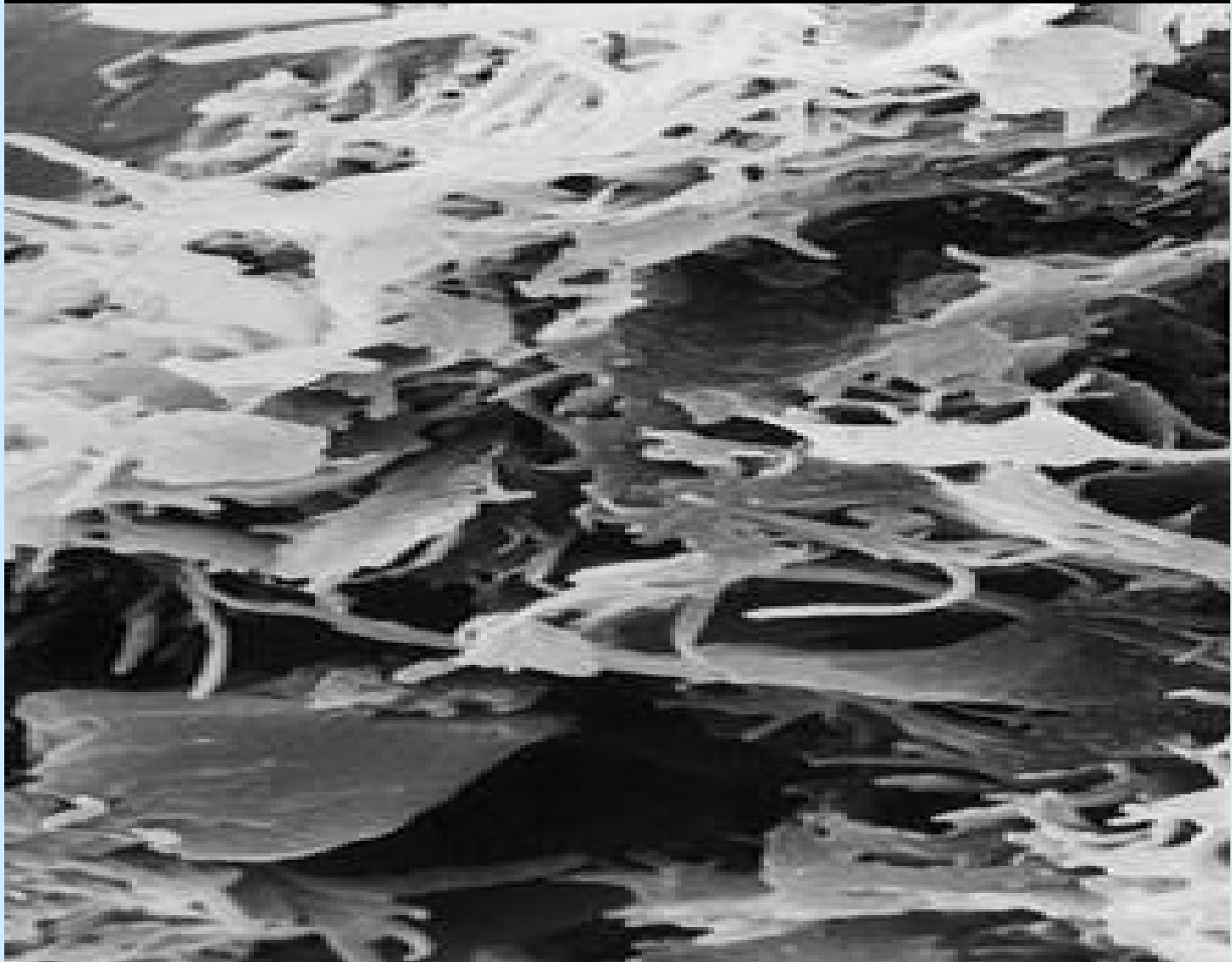
High Permeability Sandstone



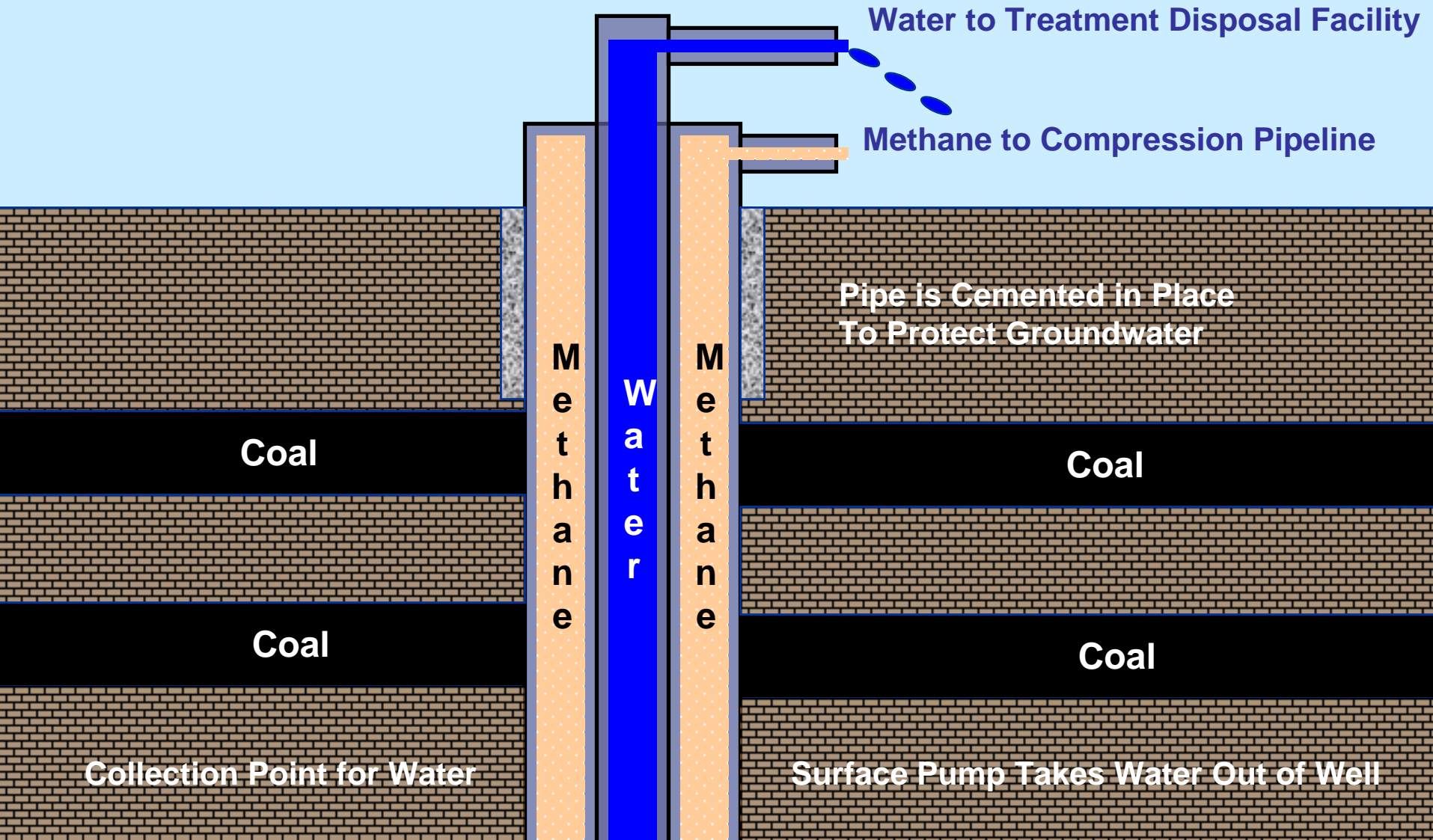
Low Permeability Sandstone



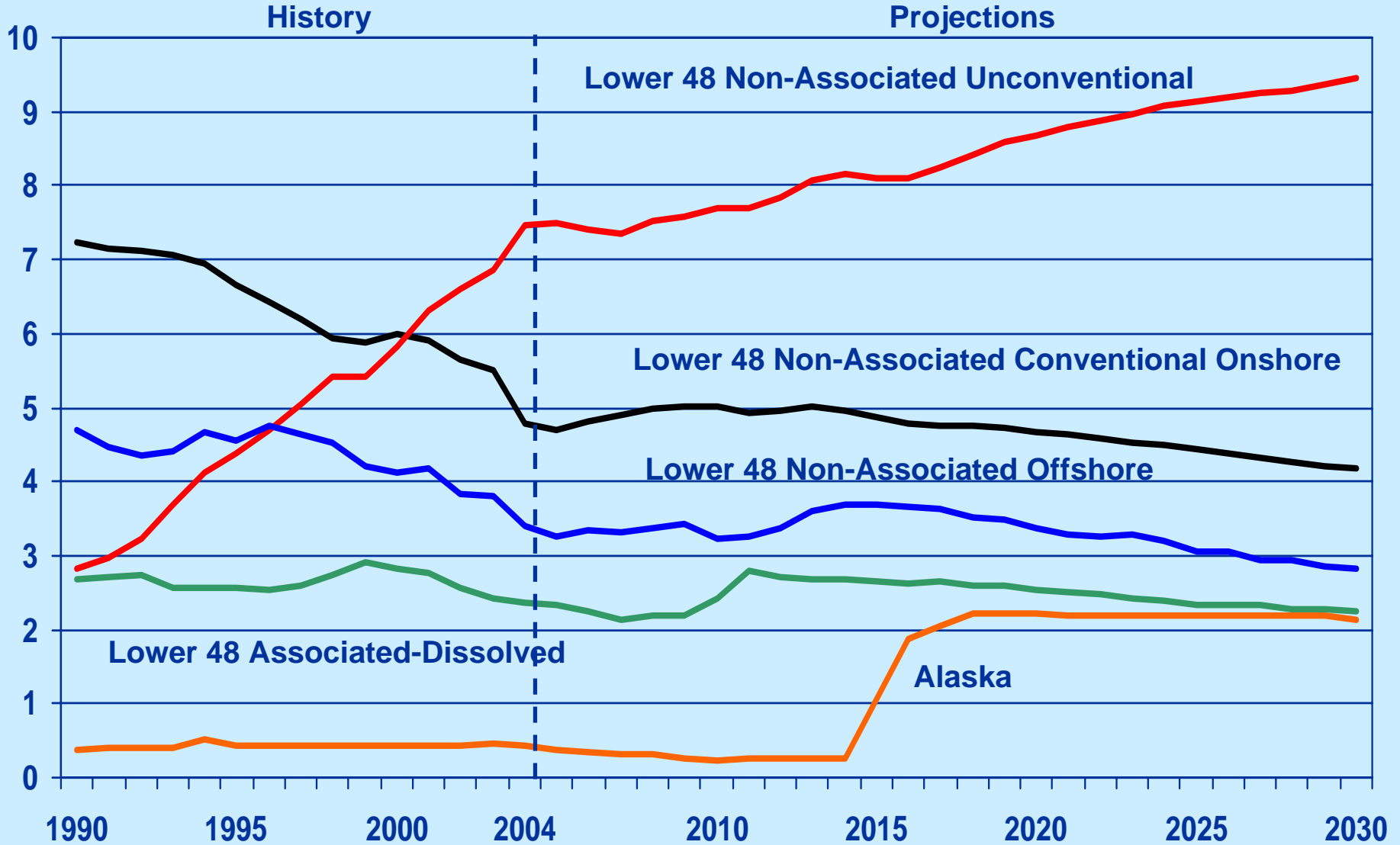
Fractured Shale



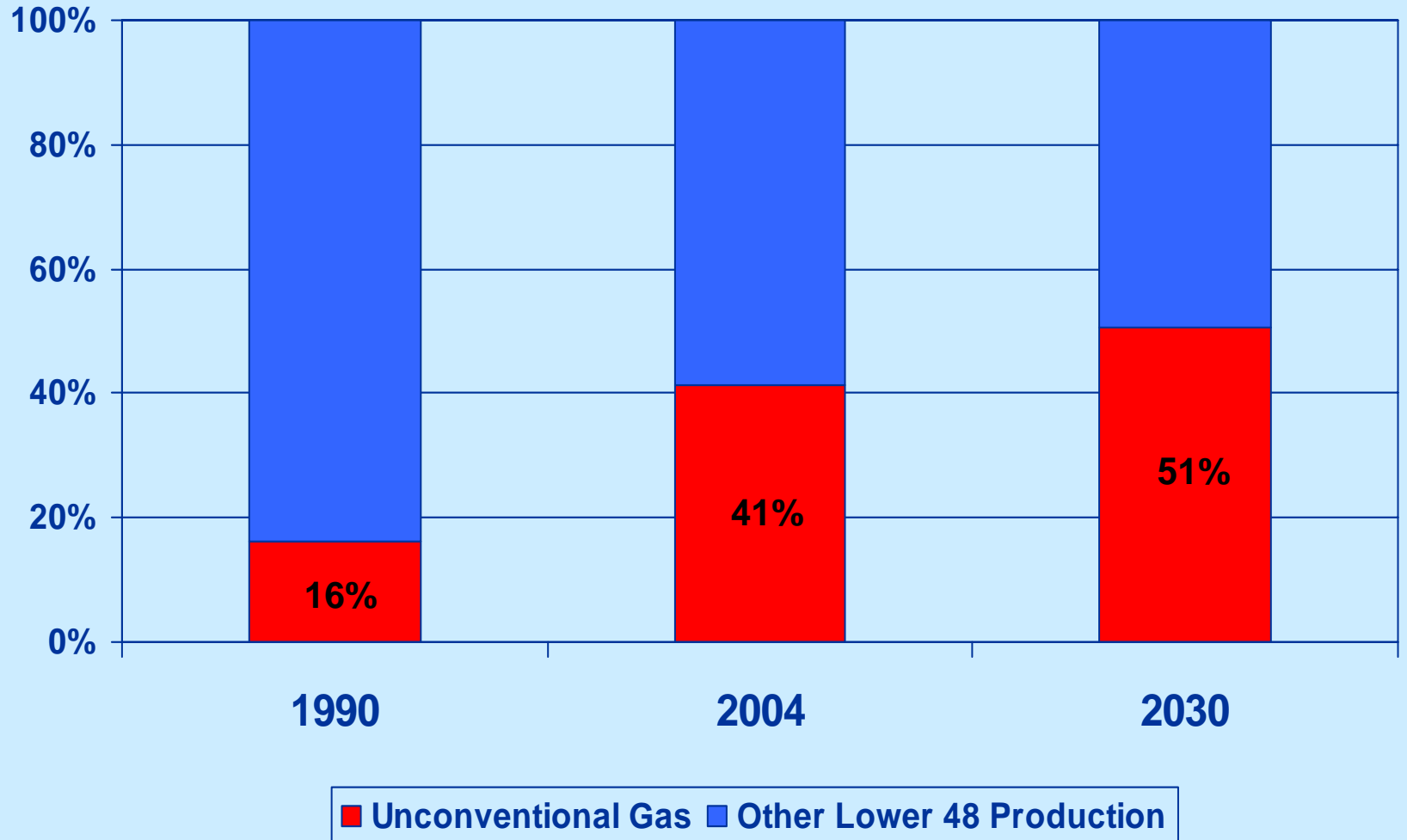
Coalbed Methane Well



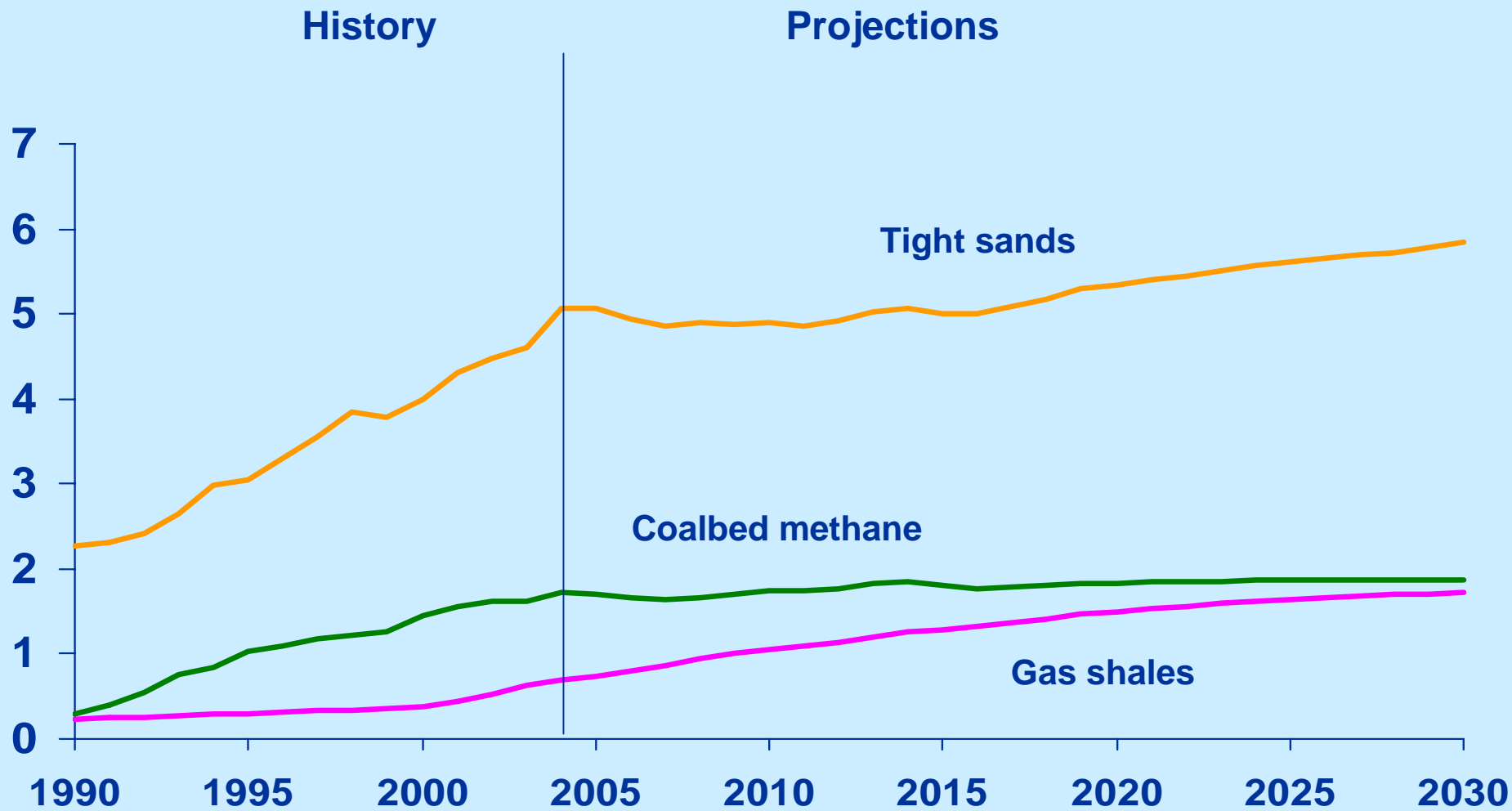
Natural Gas Production by Source 1990-2030 (Trillion Cubic Feet)



Unconventional Gas Share of Lower 48 Production



U.S. Unconventional Natural Gas Production, 1990-2030 (trillion cubic feet)



Cumulative Unconventional Gas Production by Region, 2003-2030 (Trillion Cubic Feet)

West Coast

Rocky Mountain

Midcontinent

Northeast

Southwest

Gulf Coast

DC

39

64

3

2

9

4

11

14

21

7

43

2

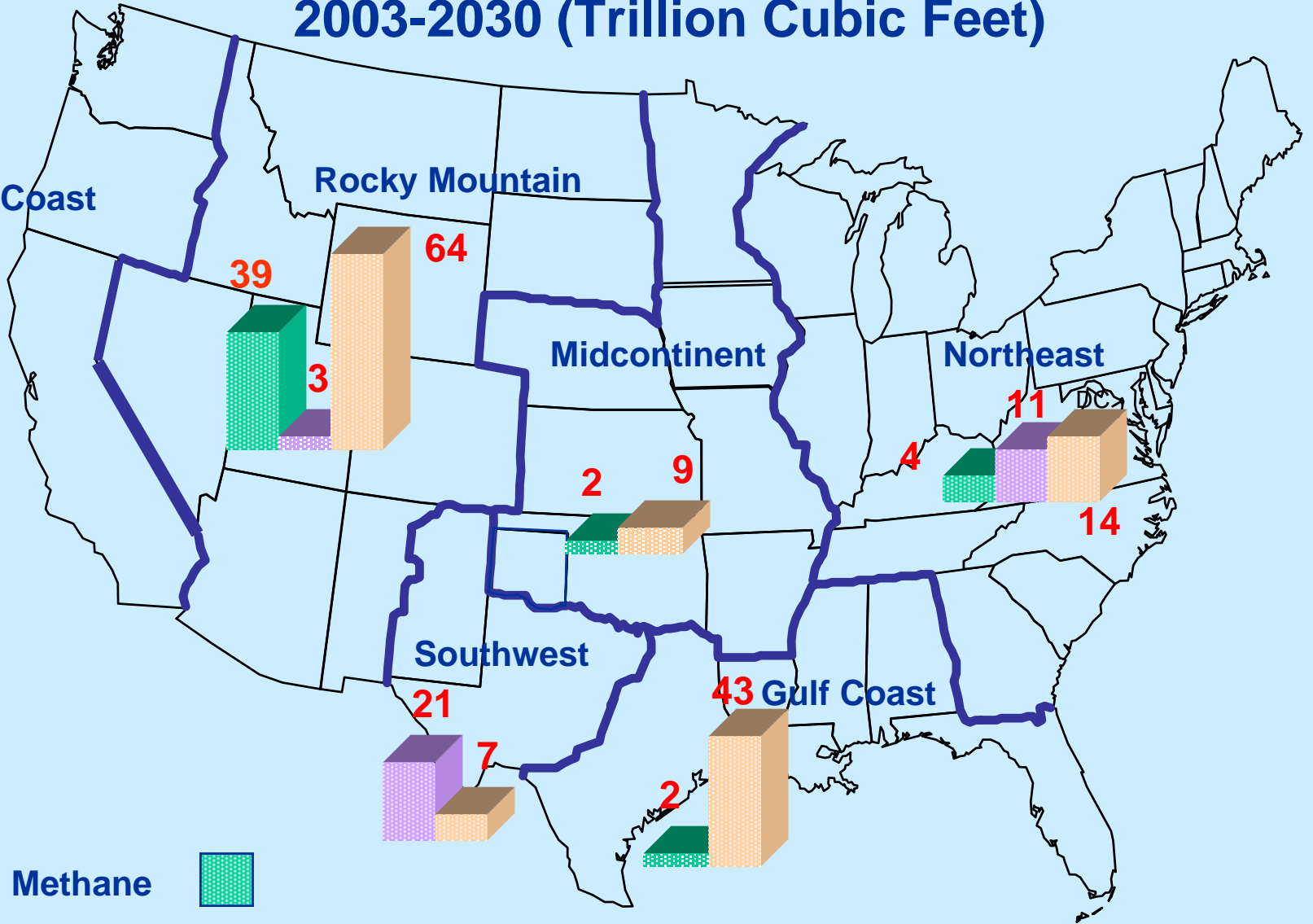
Coalbed Methane



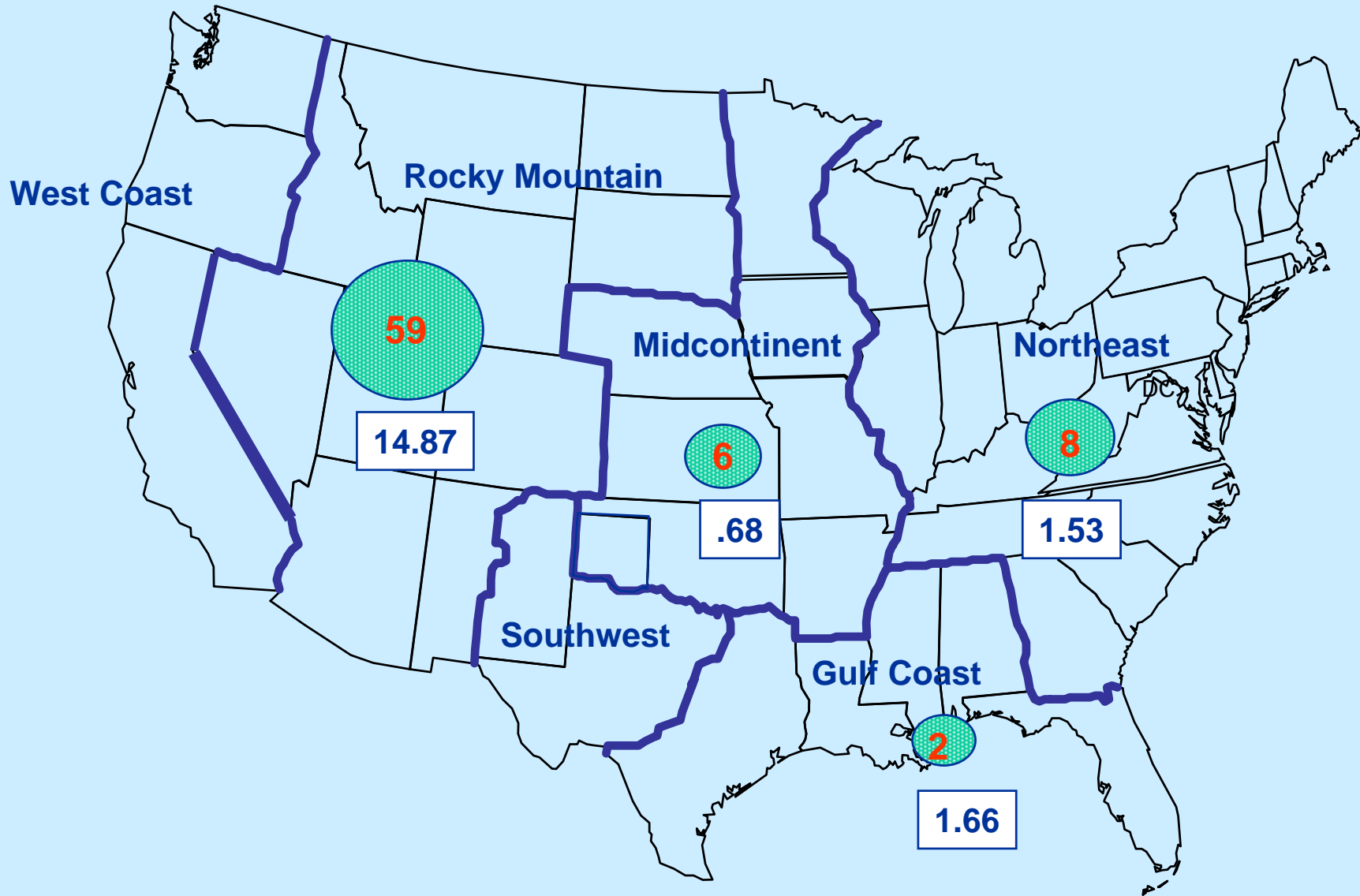
Gas Shales



Tight Sands



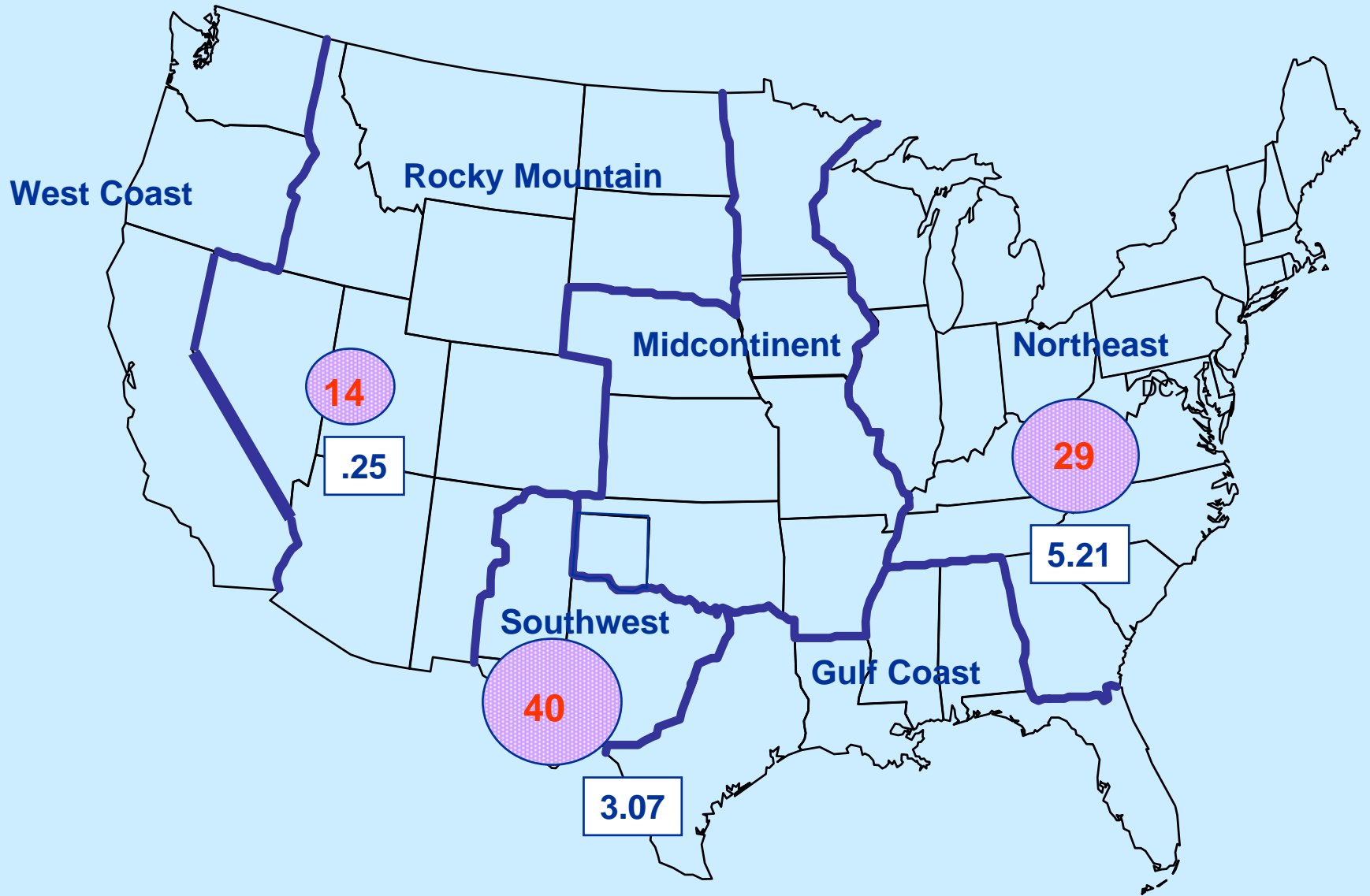
Coalbed Methane Resources by Region as of January 1, 2004



 Proved Reserves
[Trillion Cubic Feet]

 Undeveloped Technically Recoverable
Resources [Trillion Cubic Feet]

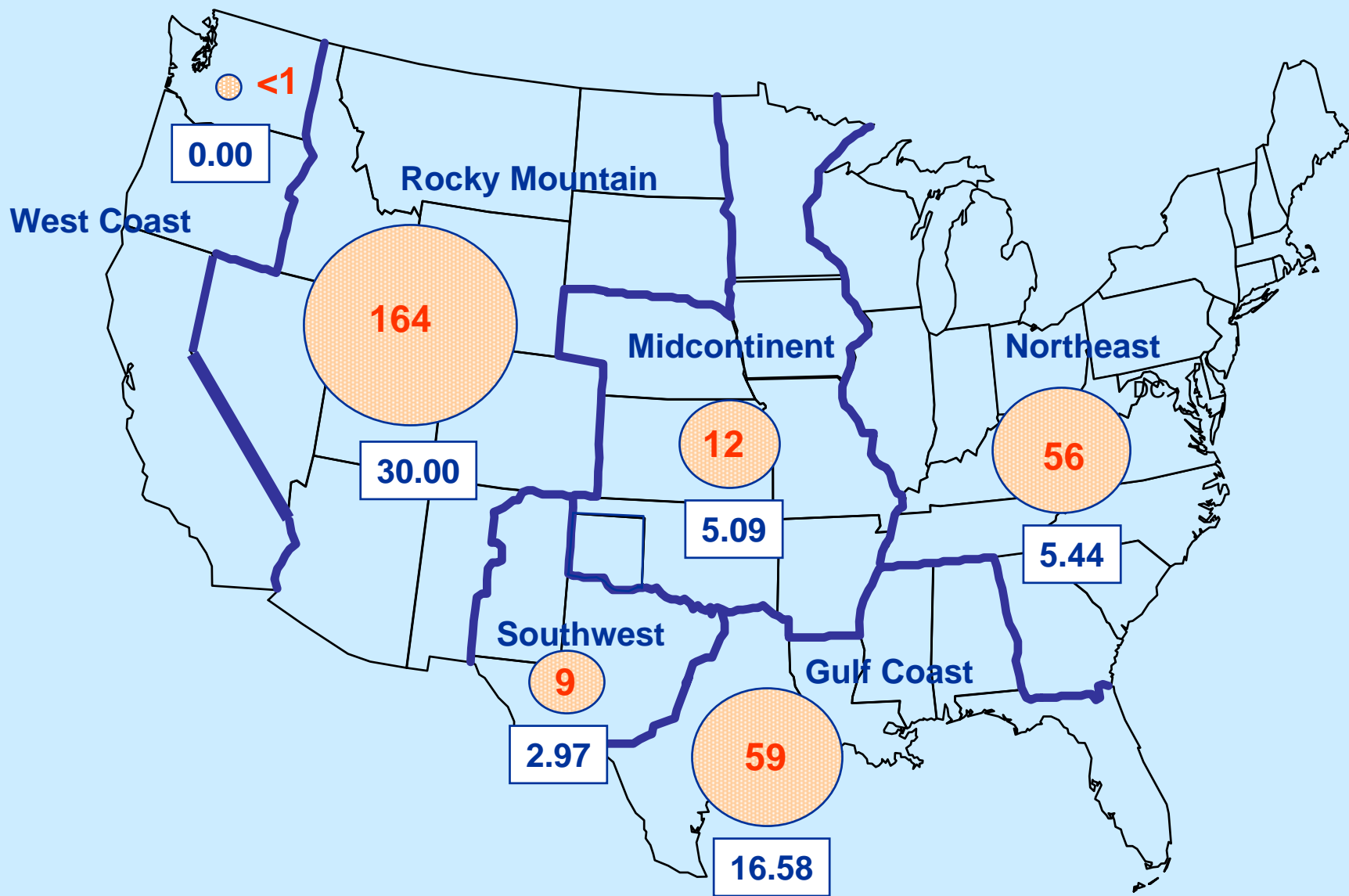
Gas Shales Resources by Region as of January 1, 2004



 Proven Reserves
[Trillion Cubic Feet]

 Undeveloped Technically Recoverable
Resources [Trillion Cubic Feet]

Tight Gas Resources by Region as of January 1, 2004



 Proven Reserves
[Trillion Cubic Feet]

 Undeveloped Technically Recoverable
Resources [Trillion Cubic Feet]

Undeveloped Technically Recoverable Tight Gas Resources - Greater Green River Basin

