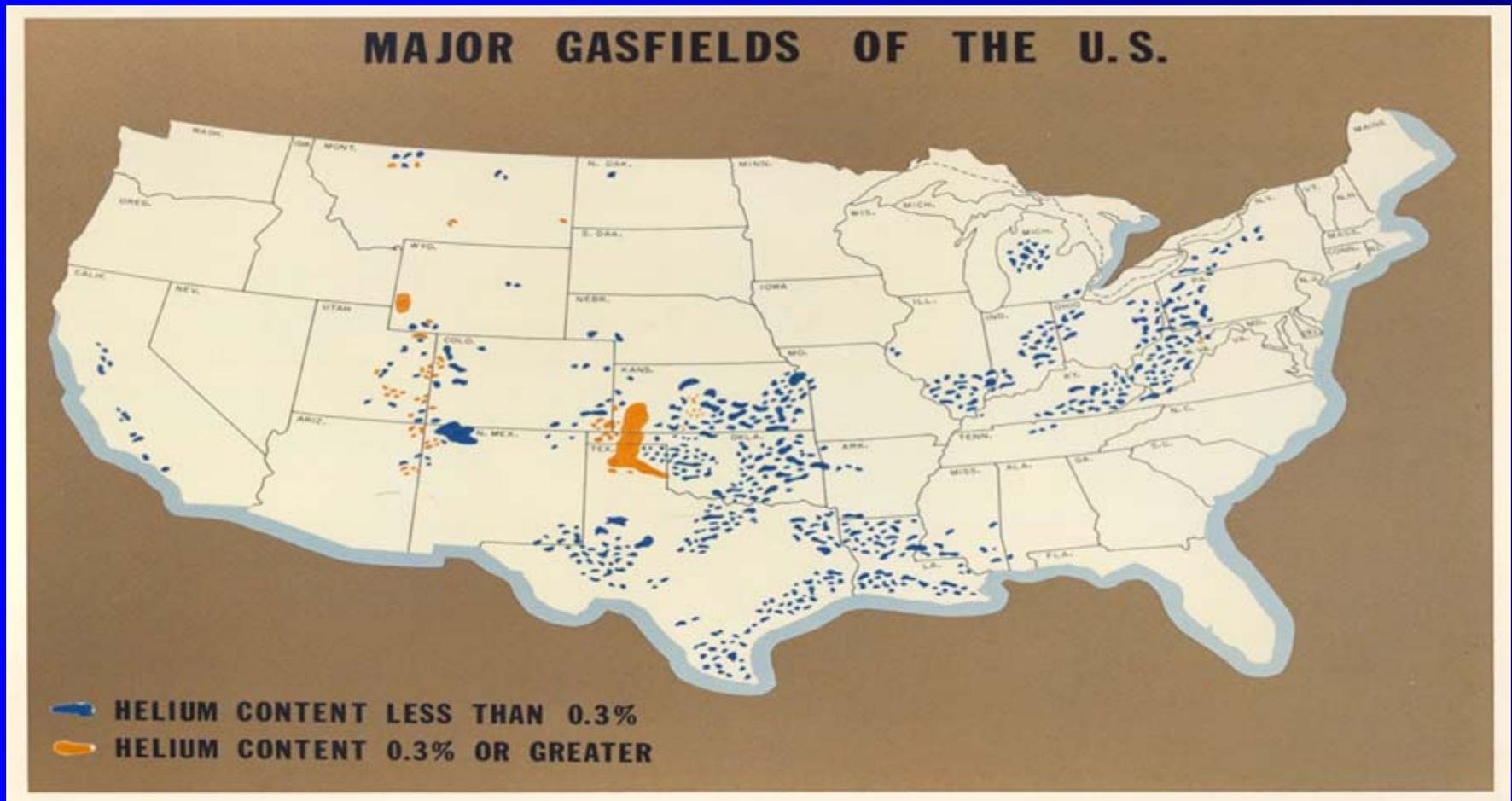


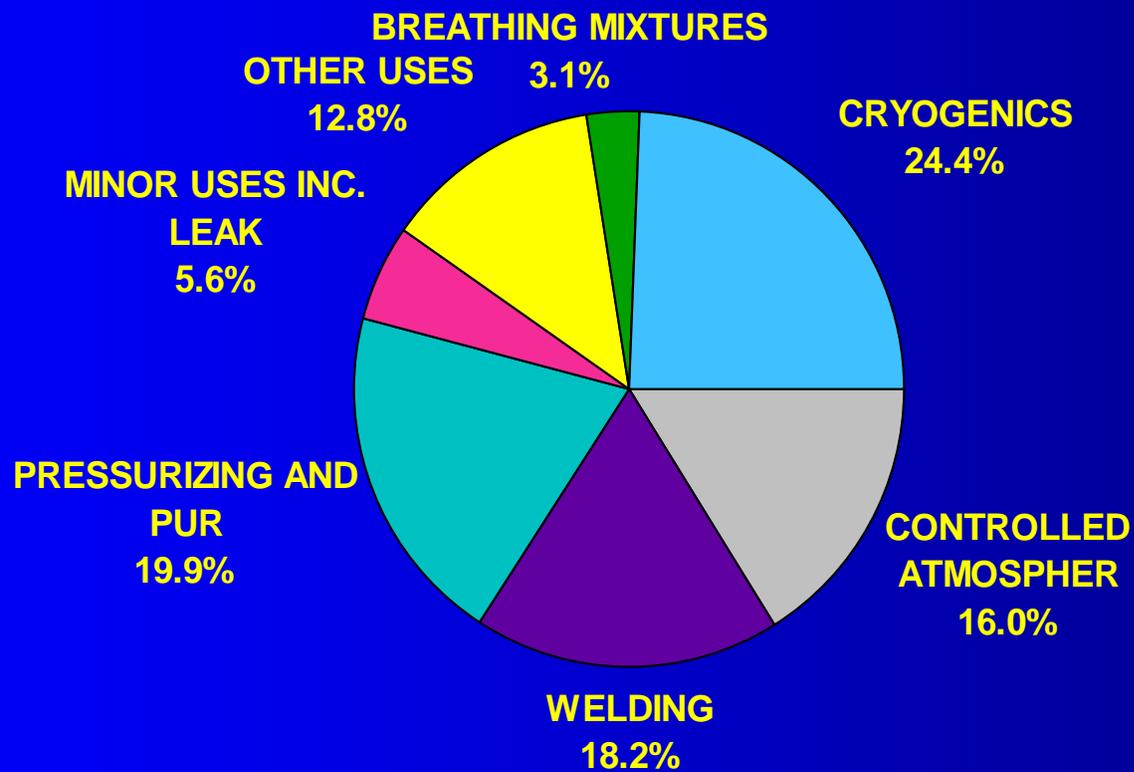
**Helium Resources of the  
United States - 2003**

**Technical Note 415**

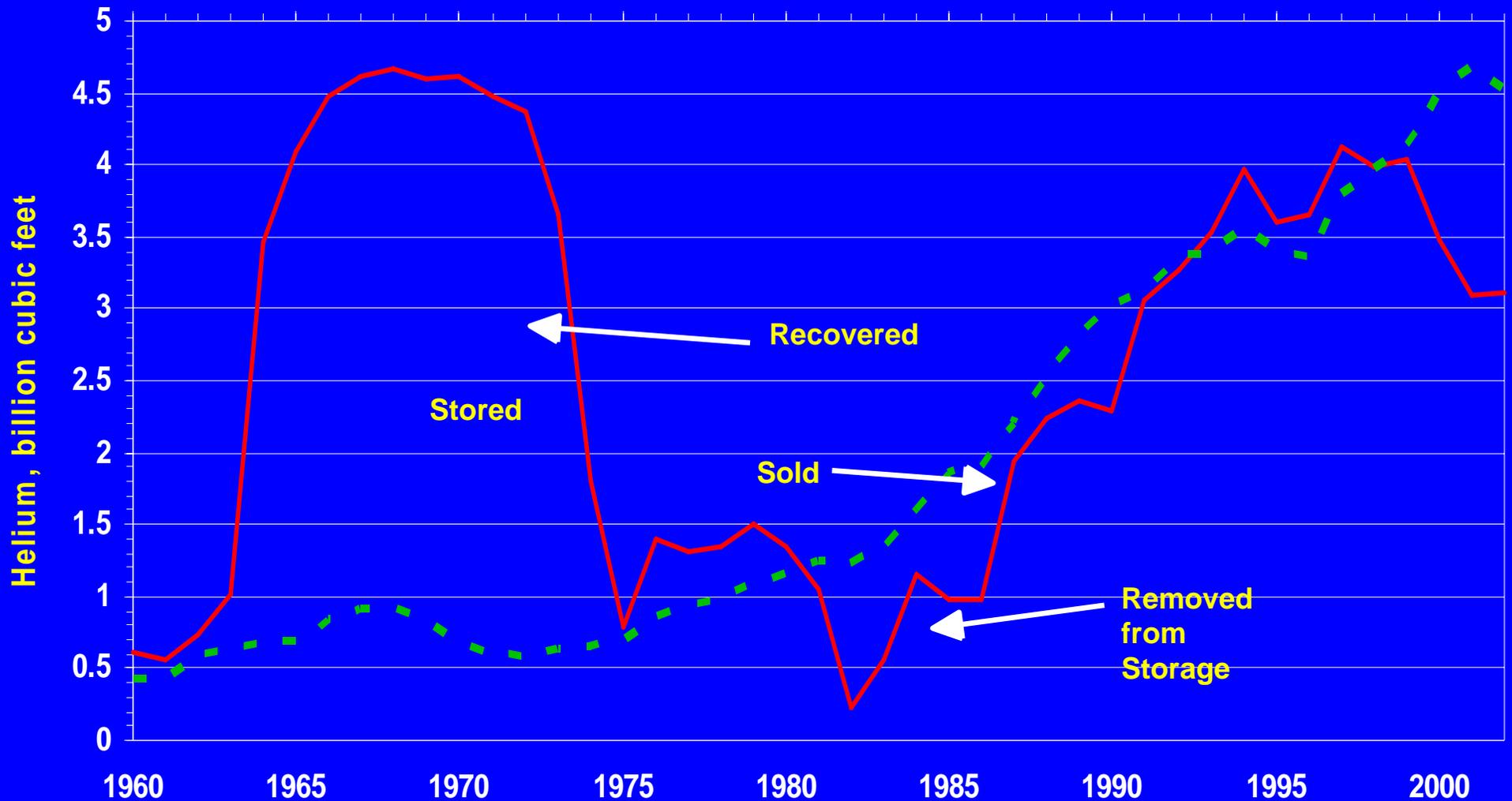
# Helium Occurrences in Gasfields in the U.S.



**Helium uses for 2002. (World wide sales of helium for CY 2002 of 5.5 Bcf at 14.65 psia and 60 degrees Fahrenheit. U. S. sales 4.5 Bcf).**



# Production and extraction of helium in the United States.



# Helium Resources of the United States - 2003

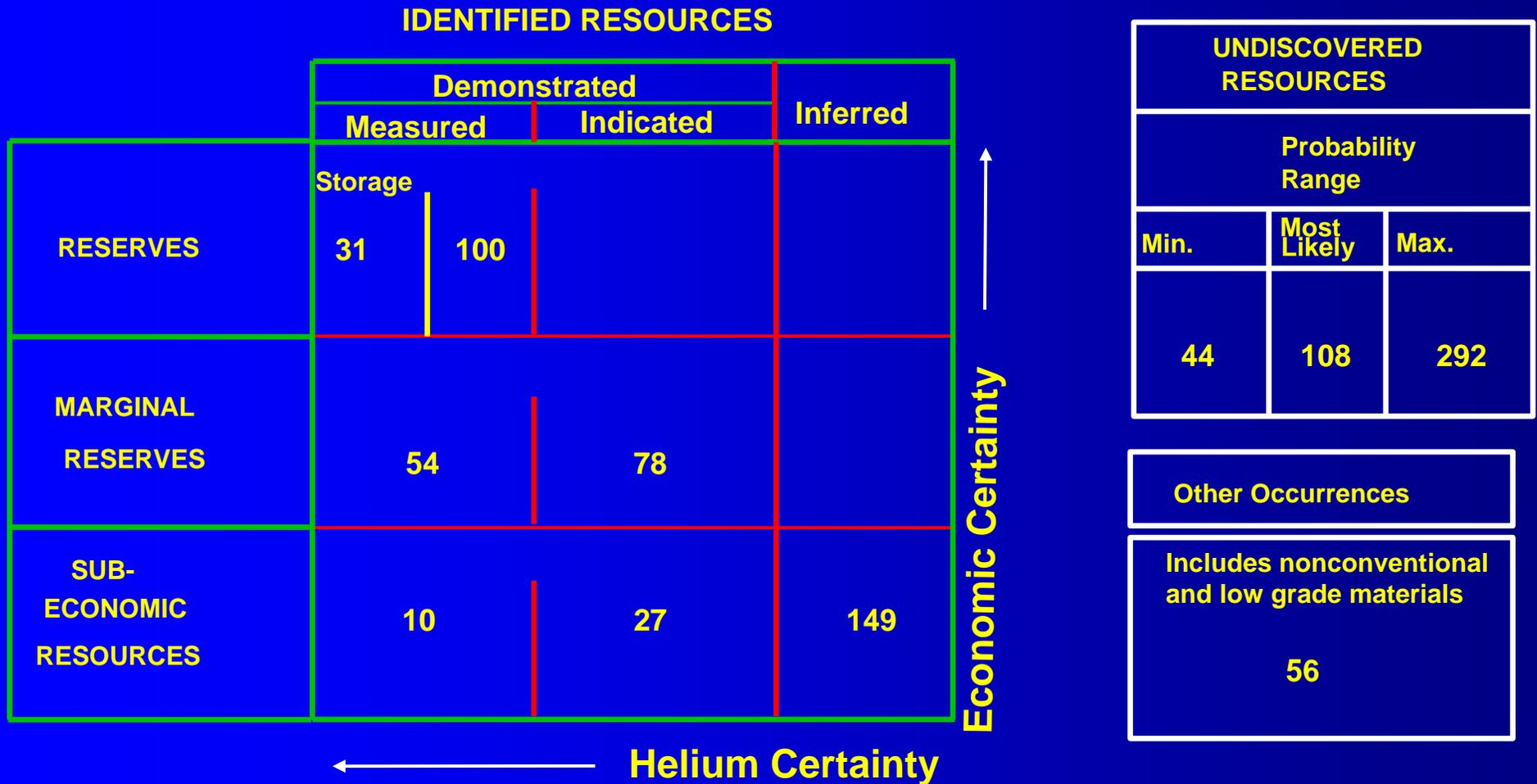
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- Sources utilized to obtain information to assign helium reserves/resources estimates.
  - Internal Natural Gas Reserves Estimates
  - Department of Energy - Energy Information Administration (Natural Gas Reserves)
  - Potential Gas Committee (Natural Gas Resources)
  - Company Confidential Information (Natural Gas Reserves)
  - Studies performed by Consultants for the Amarillo Field Office, which was under the Bureau of Mines

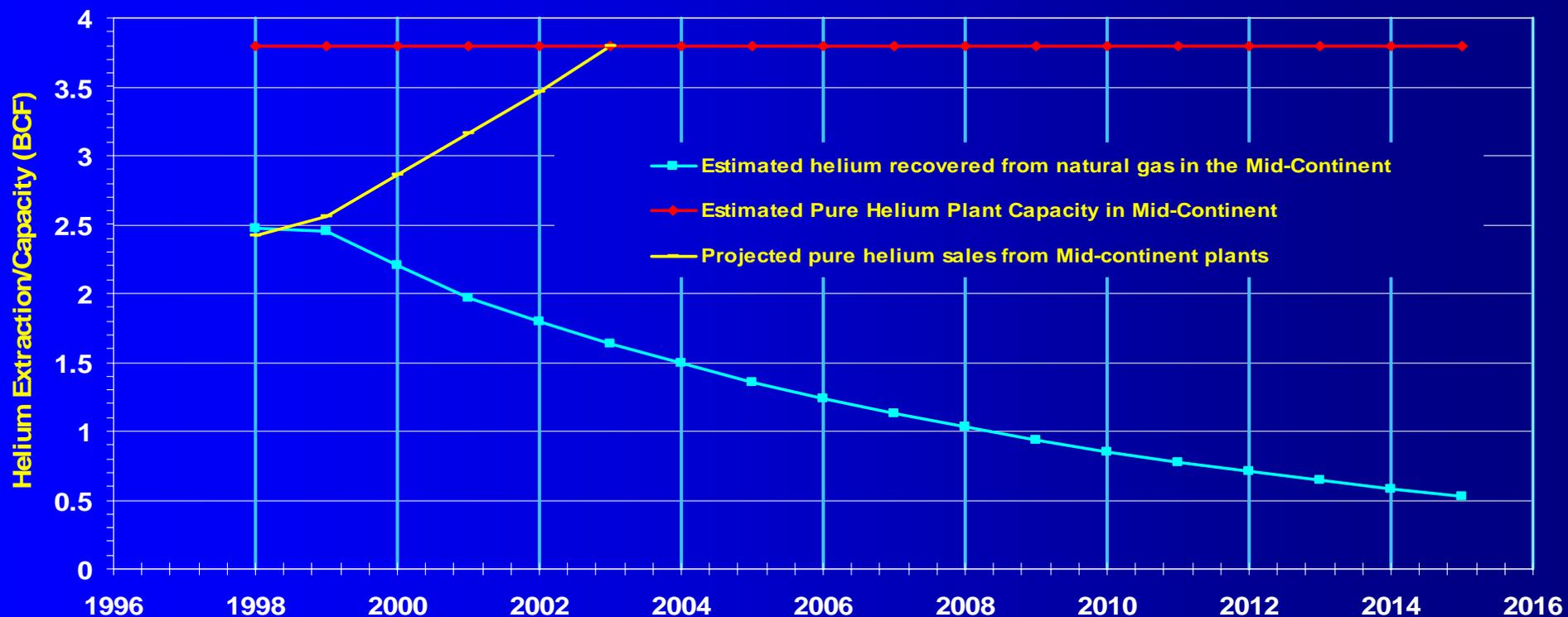
The helium reserves/resources are found using the Amarillo Field Office analyses database.



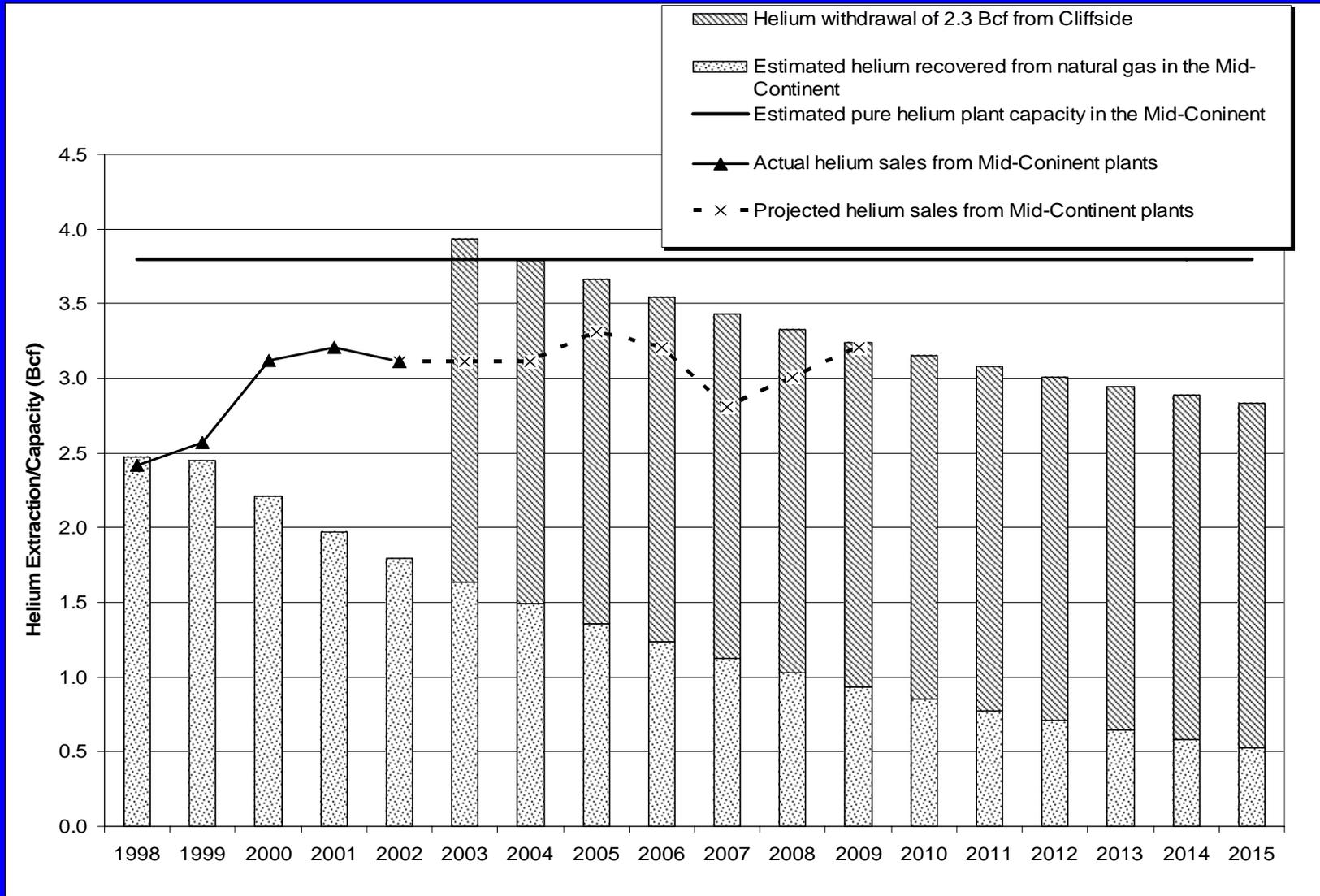
# Helium Resources in the United States, as of December 31, 2002



# Cliffside Gasfield helium sales increases, not including effects from helium produced outside the Mid-Continent, and declining crude helium extraction in the Mid-Continent.



# Cliffside Gasfield sales and extraction accounting for future helium development and current impacts to the helium business.



Helium Information Available at:

[www.nm.blm.gov/amfo/amfo\\_home.html](http://www.nm.blm.gov/amfo/amfo_home.html)

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