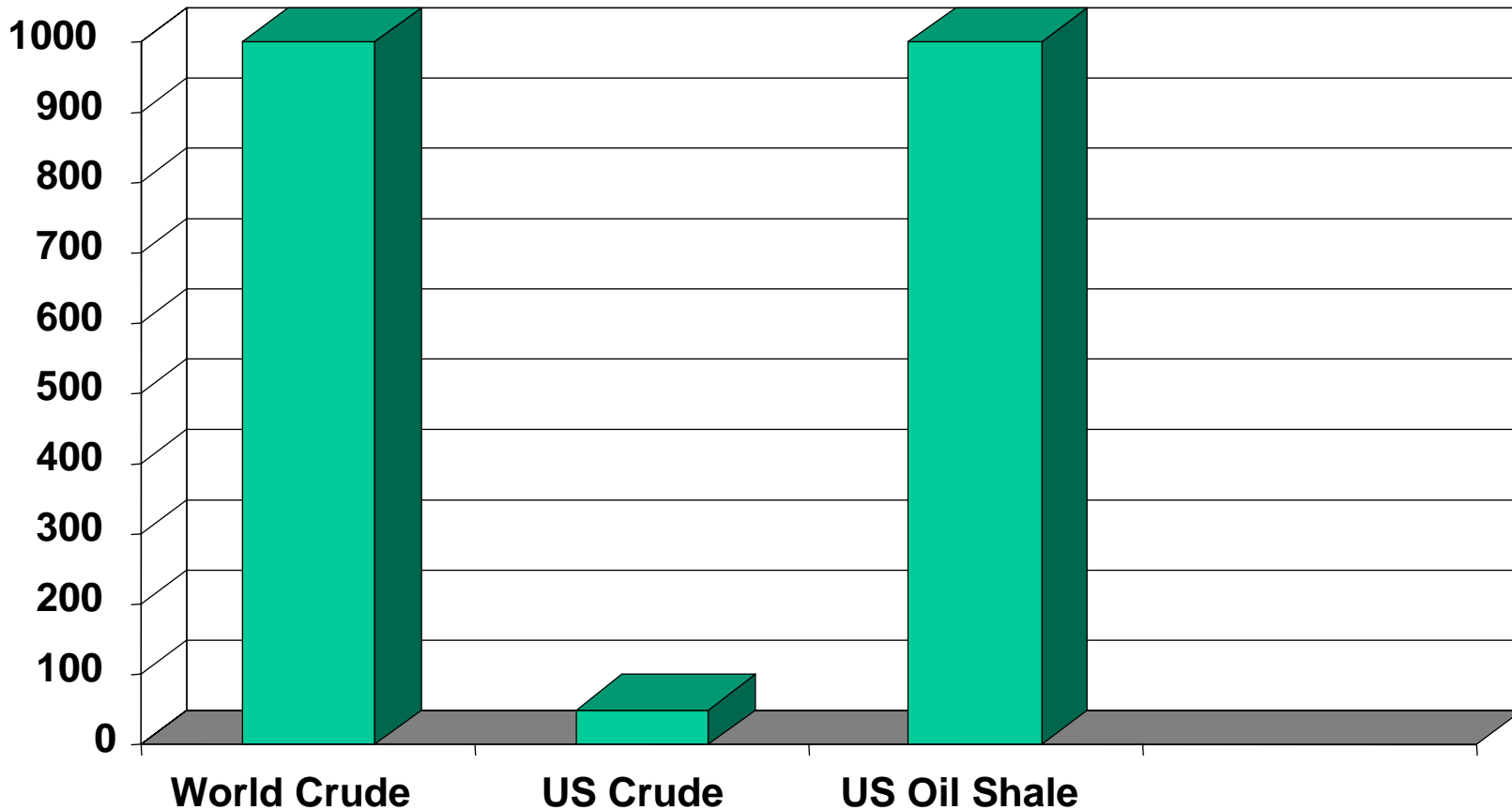


World Liquid Fossil Fuel Reserves

Billion of Barrels



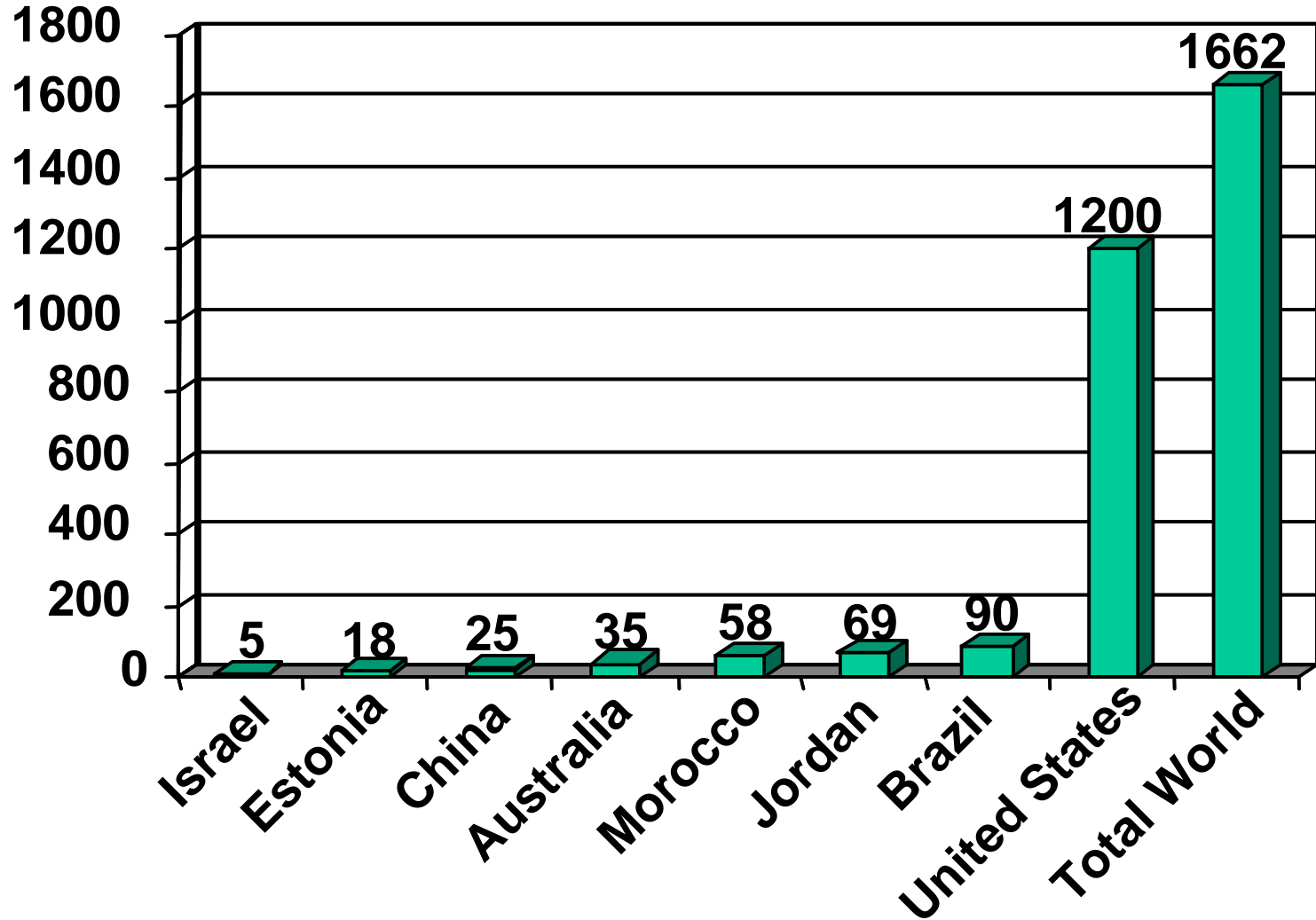
US oil shale reserves are approximately equivalent to the total world proven oil reserves

Note: This slide is taken from a November 18, 2003

DOE briefing on the Oil Shale Feasibility Study.

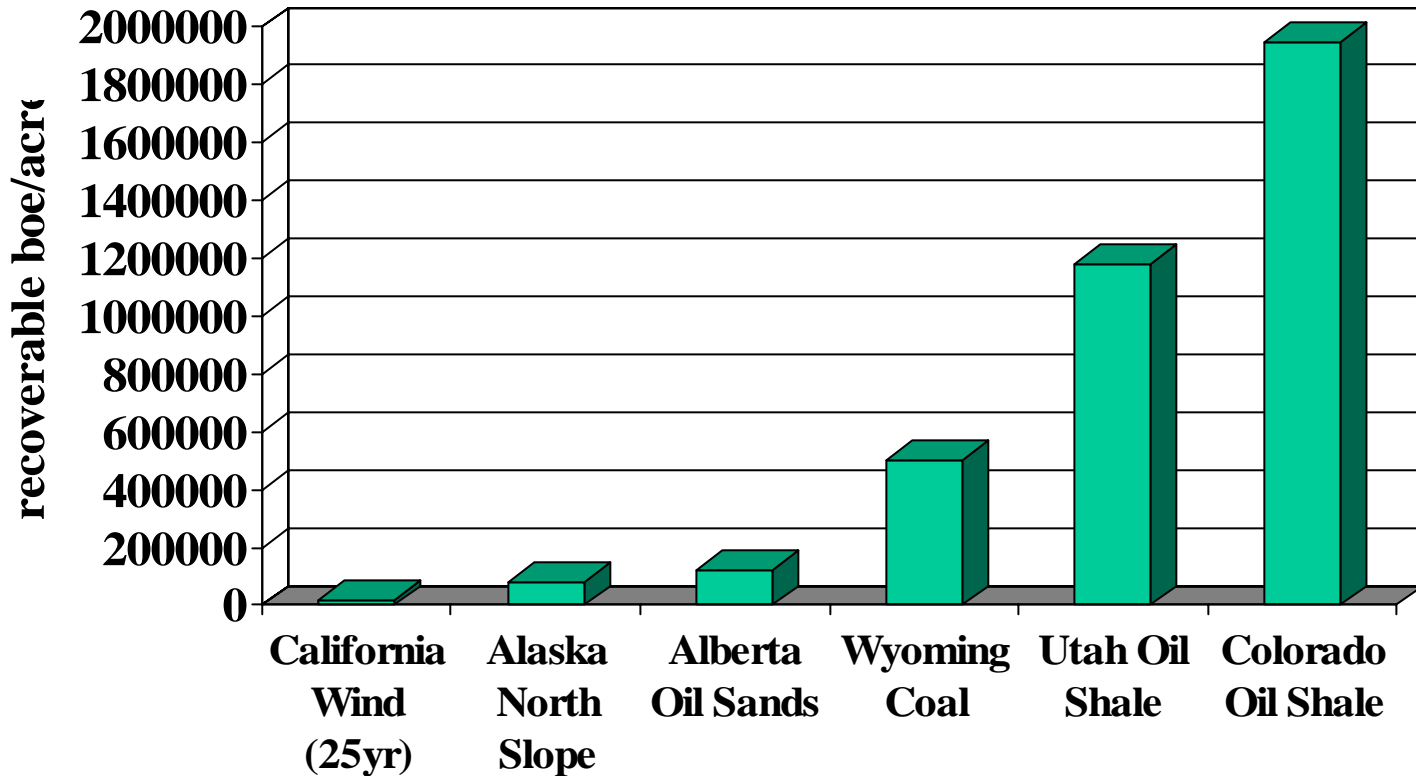
Major World Oil Shale Reserves

Billion of Barrels



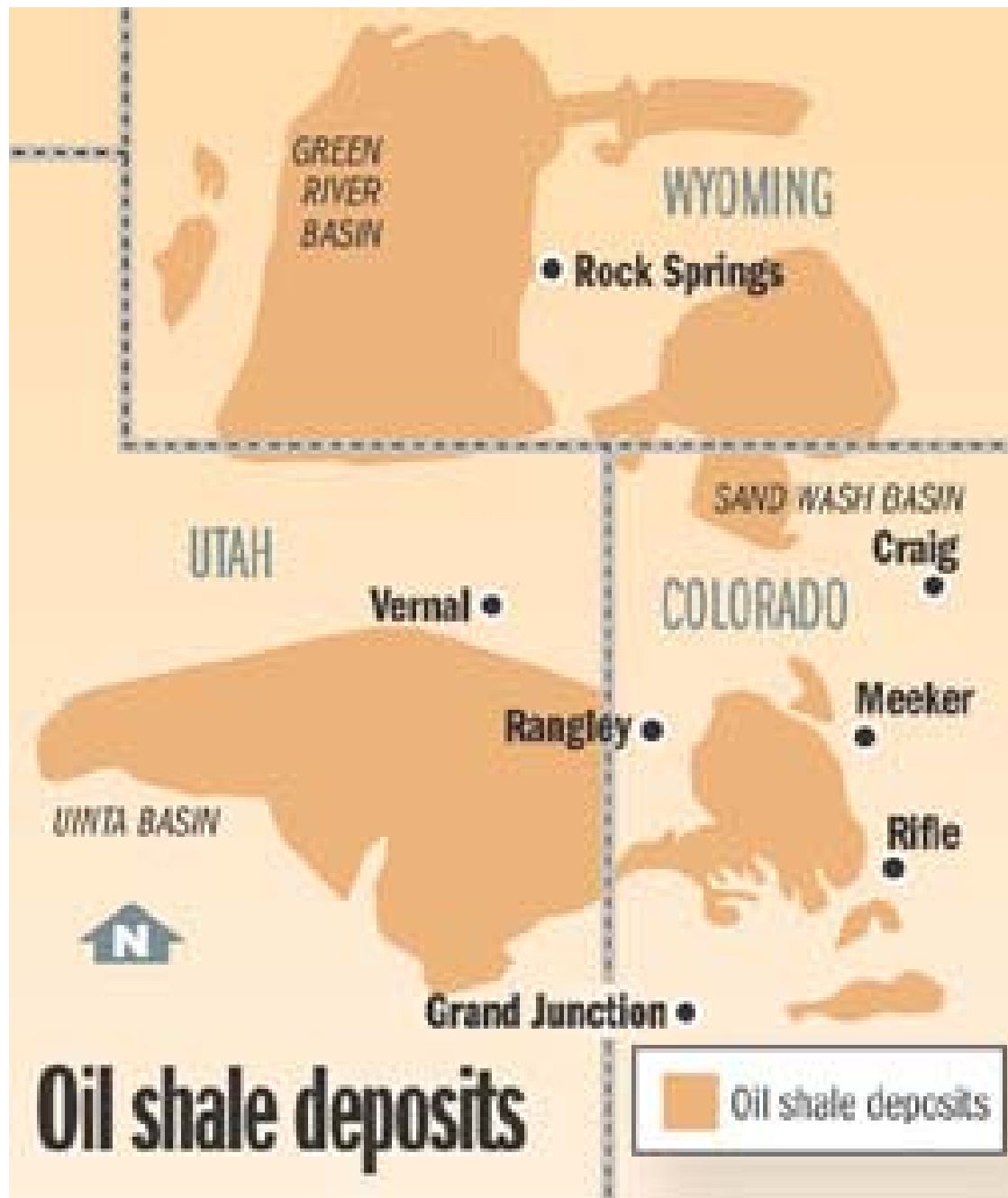
*Note: This slide is taken from a November 18, 2003
DOE briefing on the Oil Shale Feasibility Study.*

Energy Concentrations



On a per-acre basis, oil shale is the most concentrated hydrocarbon energy resource known

Note: This slide is taken from a November 18, 2003 DOE briefing on the Oil Shale Feasibility Study.



- 1.2-1.8 Trillion bbls shale oil in place
- 800 Billion bbls recoverable
- Majority lies in Piceance Basin
- 70% on Federal land
- 3X Saudi reserves
- 110 year supply at current US consumption rate of 21 Mln bbl/day

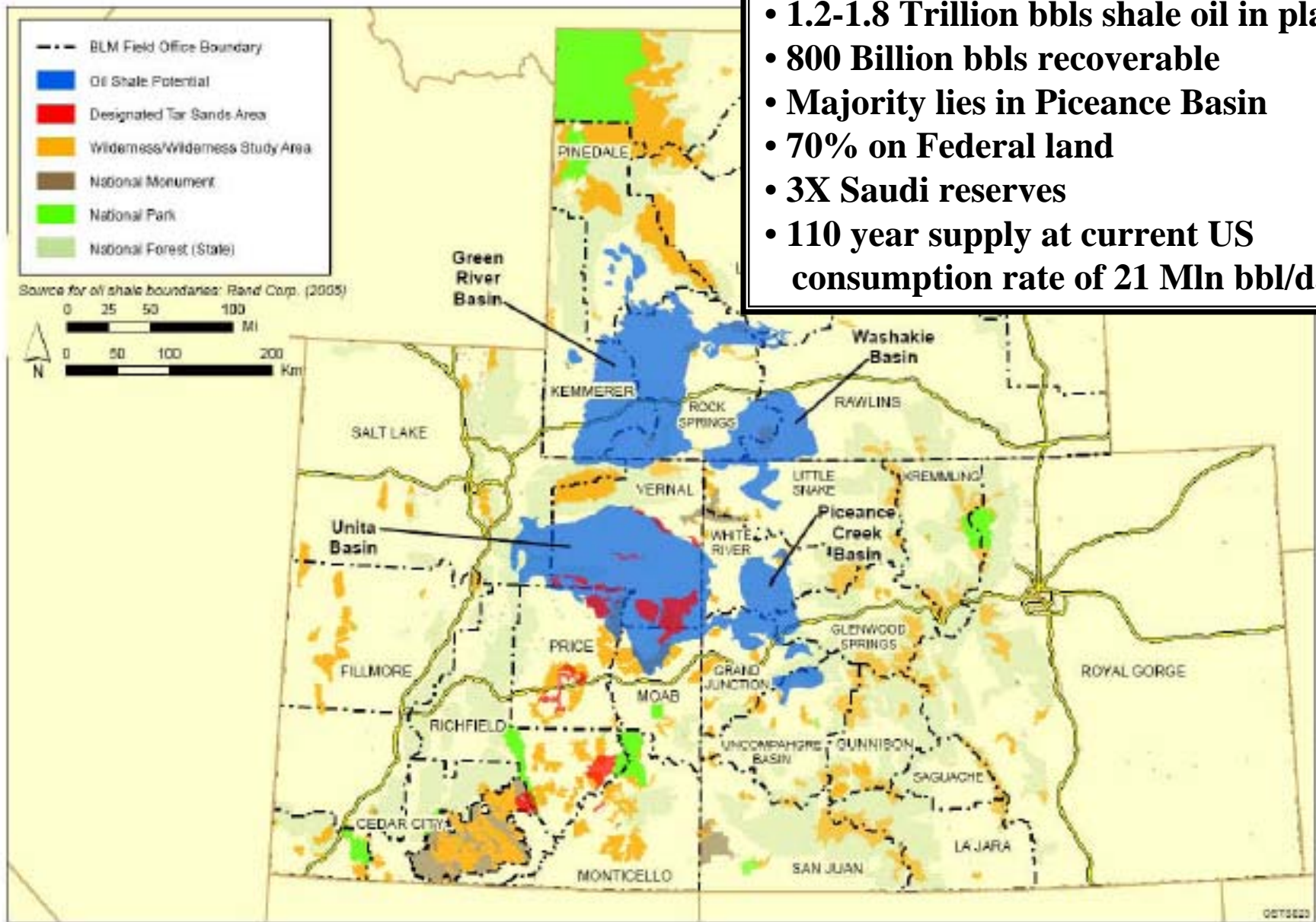
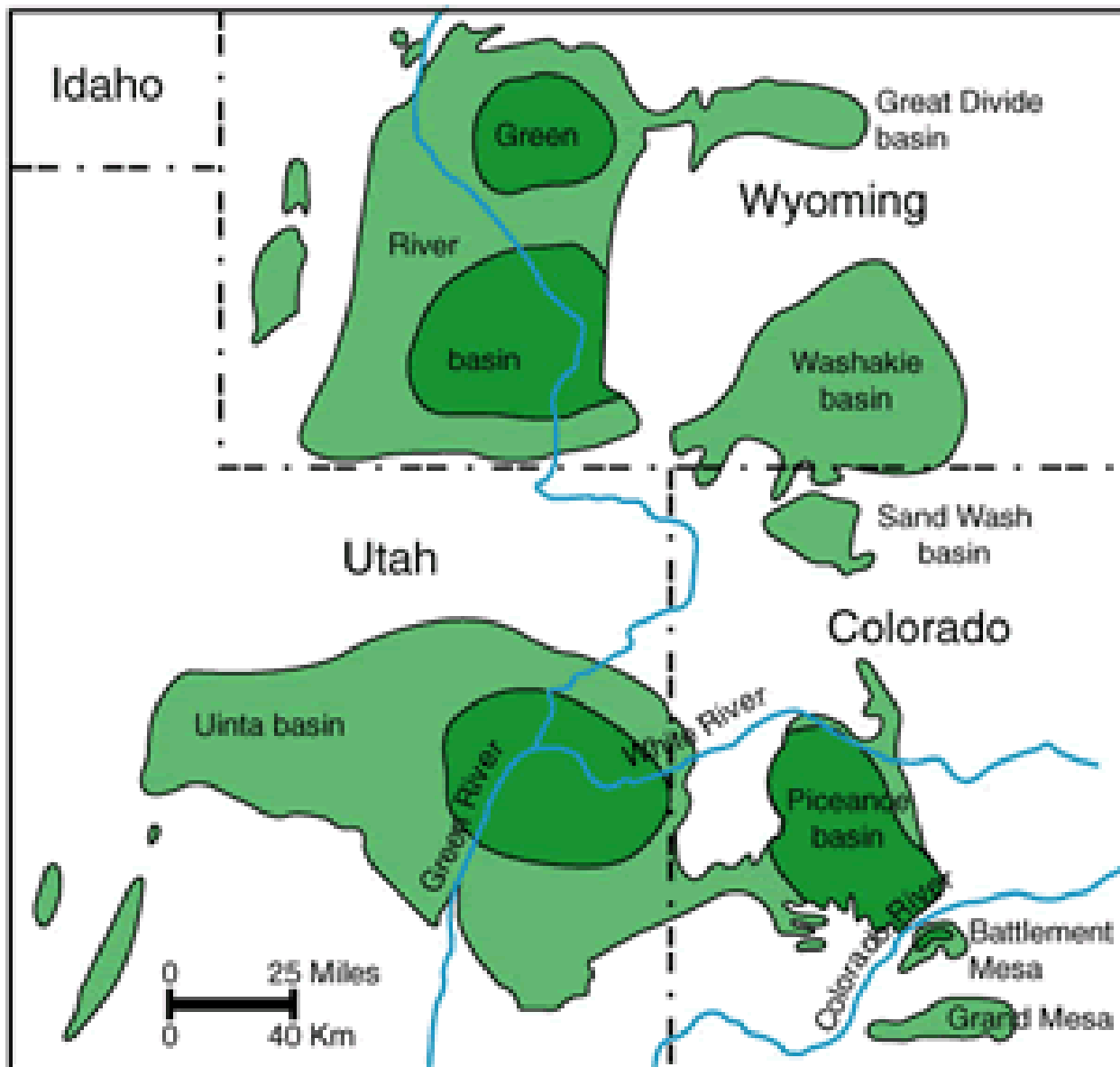


FIGURE 1 Locations of Oil Shale and Tar Sands Resources in Colorado, Utah, and Wyoming



Area underlain by the Green River formation in which the oil shale is unappraised or low grade.



Area underlain by oil shale more than 10ft thick, which yields 25 gal or more oil per ton of shale.

Top International Oil Reserves and US Suppliers

Top 5 Proved Oil Reserves:

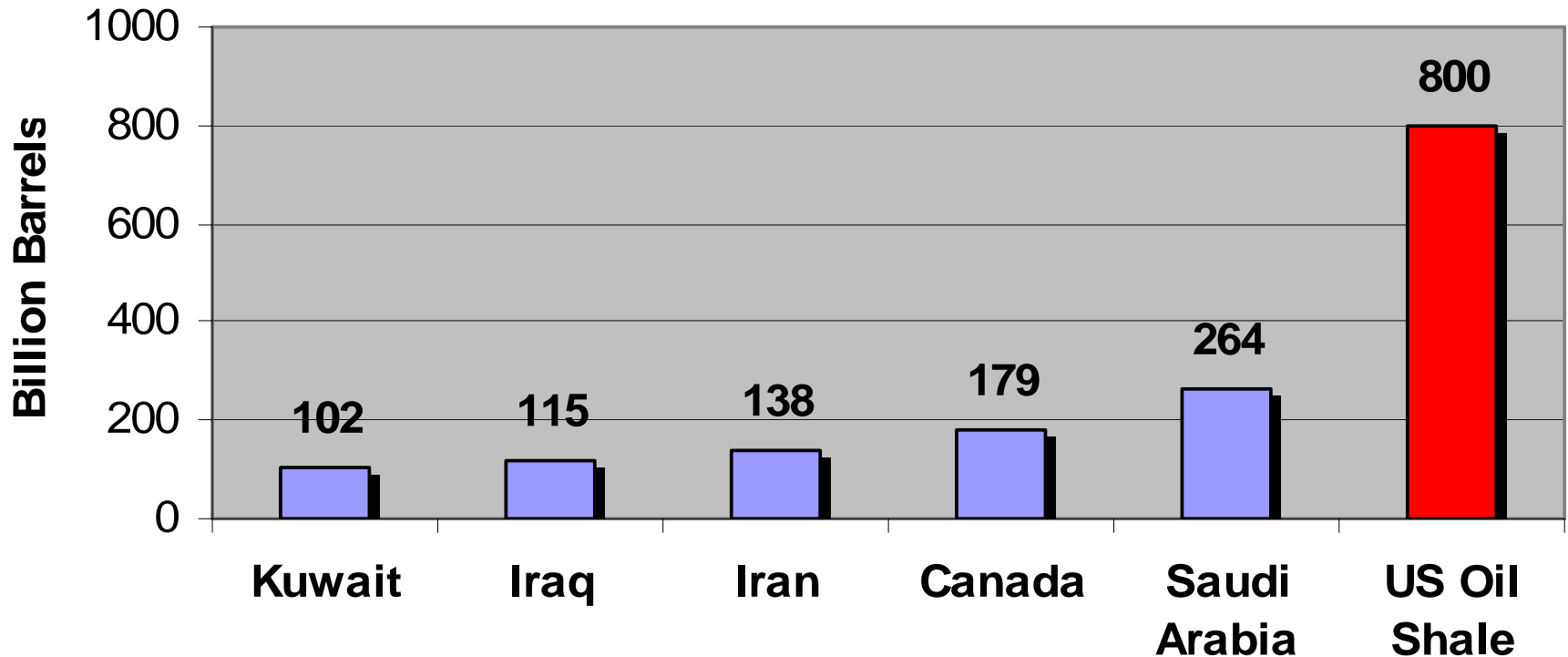
	<u>Billion bbls 2007</u>
1) Saudi Arabia*	264
2) Canada	179
3) Iran*	138
4) Iraq*	115
5) Kuwait*	102
- - - - -	- - - - -
11) US	21

* = OPEC Countries

Top 5 Foreign Oil Suppliers:

	<u>Million bpd 2007 avg</u>
1) Canada	2.43
2) Mexico	1.53
3) Saudi Arabia*	1.49
4) Venezuela*	1.36
5) Nigeria*	1.13
- - - - -	- - - - -
Total US Consumption	20.73
Total Imports	13.44
% Imported	64.83%

Global Top 5 Proved Oil Reserves vs. Recoverable US Oil Shale



**US Oil Shale Equals 3X Saudi Reserves or
Total of Top Five Countries Proved Oil Reserves (798 Bln Bbls)**

OIL RESERVES SOURCE: 2007 Data from Energy Information Administration 04/22/08

www.eia.doe.gov

OIL SHALE RECOVERABLE RESERVES SOURCE: DOE