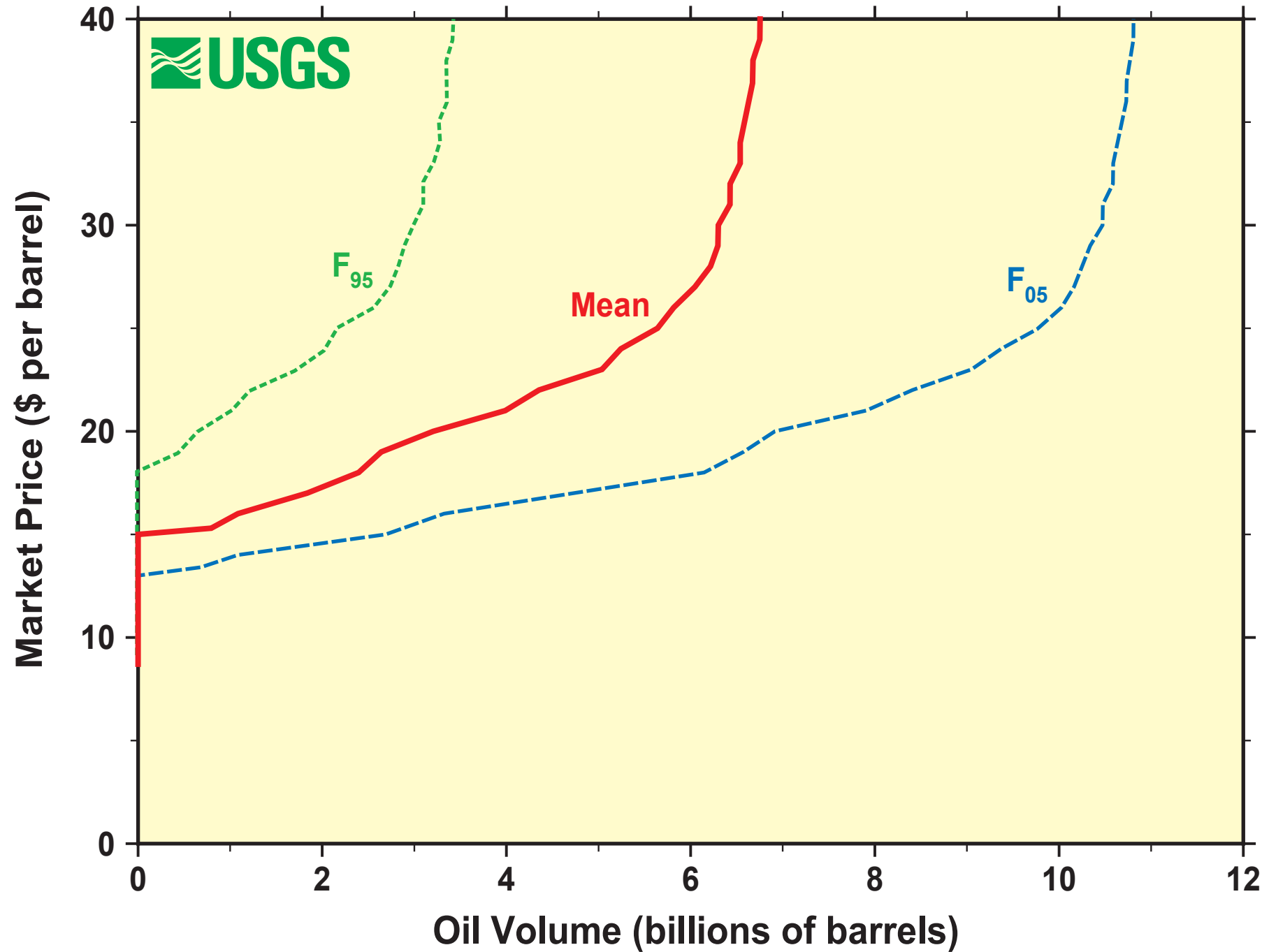
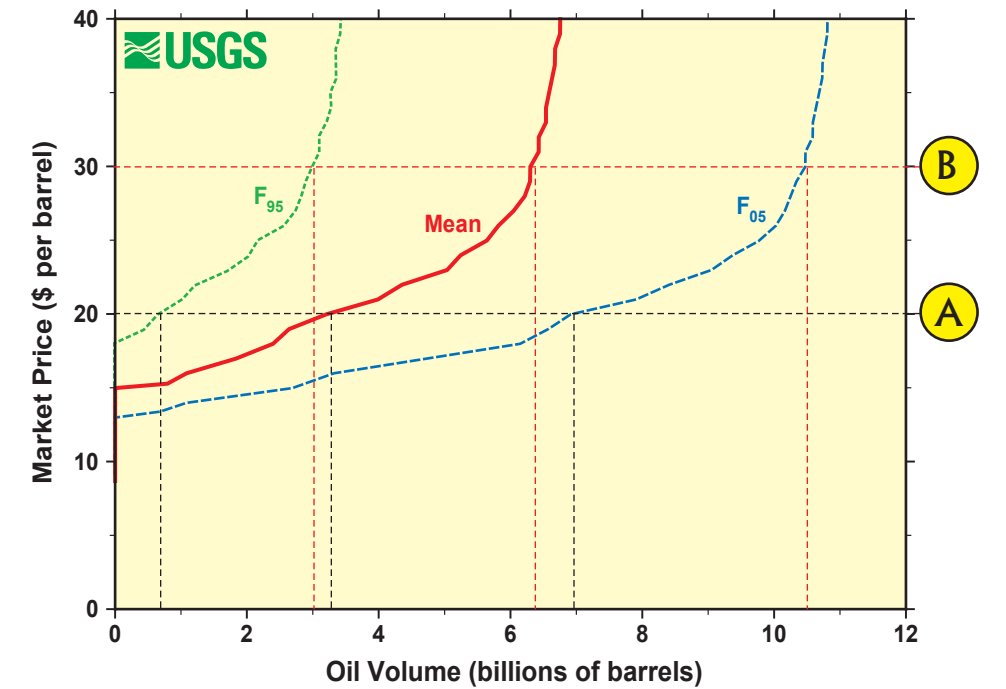


## Economically Recoverable Oil in Federal Part of 1002 Area



Summary of the USGS estimates of economically recoverable oil that may occur beneath the Federal 1002 Area of the Arctic National Wildlife Refuge. The three curves are based on estimates of technically recoverable oil volumes at the mean (expected) value, and at the 95 percent ( $F_{95}$ ) and 5 percent ( $F_{05}$ ) probabilities. Each curve relates market price/cost to the volume of oil estimated to be profitably recoverable. Included are the costs of finding, developing, producing, and transporting oil to market based on a 12 percent after-tax return on investment all calculated in constant 1996 dollars.

## How to Read the Graph



- A** At a market price of \$20 per barrel, there is a 95% chance ( $F_{95}$ ) that at least 650 mbo are economically recoverable and a 5% chance ( $F_{05}$ ) that at least 6.9 bbo are economically recoverable, with a mean (expected value) of 3.2 bbo economically recoverable.
- B** At a market price of \$30 per barrel, there is a 95% chance ( $F_{95}$ ) that at least 3.0 bbo are economically recoverable and a 5% chance ( $F_{05}$ ) that at least 10.5 bbo are economically recoverable, with a mean (expected value) of 6.3 bbo economically recoverable.