

You Frackers Look What You've Done!!!

Dr. C. Mark Pearson
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Thursday, September 17, 2026, 9 a.m. Central Time



Dr. Mark Pearson is President & CEO of Liberty Resources LLC, a Denver-based operator in U.S. Shale Basins. He will speak on Thursday, September 17, 2026, at 9:00 a.m. Central Time. The topic is "You Frackers Look What You've Done!!!."

Abstract

The shocks of the Arab Oil Embargo of 1973/74 caused the price of oil to quadruple and left the United States with gasoline shortages, long lines at filling stations and rationing such as odd-even license plate days. Fifty plus years later, the Strait of Hormuz crisis through which ~20% of world oil and Liquefied Natural Gas (LNG) used to pass has had minimal financial impact on the US beyond a slight elevation in oil & gasoline prices.

What changed and how did the US that today consumes 30% more oil and gas than fifty years ago become financially insulated from Middle East geopolitics? The answer is "You Frackers - Look what you've done!!"

Oil and Gas extraction technology - and specifically the application of horizontal drilling and multi-stage hydraulic fracturing enabled a new type of petroleum resource to be economically extracted, unconventional shale rocks.

This talk will trace the development of these two critical extraction technologies from early development (and economic failure) in the mid-1980's, to further testing in the 1990's, to ultimately the successful development of shale gas formations in the early-2000's, and the first shale oil formations in the late-2000's.

The impact of this “Shale Revolution” is that today the USA is the world’s largest producer of both oil and natural gas, the vast majority of which comes from field developments employing multi-stage fractured horizontal wells.

Biography

Dr. Mark Pearson is President & CEO of Liberty Resources LLC, a Denver-based operator in US Shale Basins. He has over 40 years of experience and has authored over fifty technical papers and six patents covering oil and gas field development, “fracking”, and oil and gas operations. He graduated with BS and PhD degrees from the Camborne School of Mines, UK and is a graduate of the Harvard Business School Advanced Management Program. He was named a Distinguished Member of the International Society of Petroleum Engineers, and in 2018 received the society’s International Completion Optimization & Technology Award.