

# From Today's Hydrocarbon Economy - Back to Ancient Sumerian Society It All Happened... *On The Beach*

Let's travel back in time.

Imagine that we'll WALK - **ONE STEP AT A TIME** - from the Atlantic to the Pacific.

With every step we take, we'll travel back in time 50 YEARS.

At 50 years per step, we will arrive at the Pacific - 300 million years past - when today's hydrocarbons were created.

**Q.** Why should we bother to take this imaginary walk back in time?

**A.** To visualize the otherwise inconceivable **DISPARITY** between ancient Natural **SUPPLY** and modern Human **DEMAND**.



Steps	Distance From Shore	Year A.D.	Era Entered
1	2.6 ft	1964	Era of Deep Well Drilling
2	5.3 ft	1914	Era of Easy Well Drilling
3	7.9 ft	1864	Era of Modern Drilling Begins
5	13.2 ft	1764	Industrial Revolution
8	21.1 ft	1614	Copernicus & Galileo
15	39.6 ft	1264	Inquisition
18	47.5 ft	1114	Second Crusade
28	73.9 ft	614	Muhammad
34	89.8 ft	314	Constantine
40	106 ft	14	Jesus

Steps	Distance From Shore	Year B.C.	Era Entered
50	132 ft	-486	Ancient Greece
76	200 ft	-1786	Babylonians
94	248 ft	-2686	Pyramids of Giza
130	343 ft	-4486	Sumerians
200	528 ft	-8000	Ice Age Ends
800	2112 ft	-40,000	Last of Neanderthals
-	2 miles	-200,000	Earliest Homo Sapiens
-	650 miles	-65 mil	Dinosaur Extinction
-	2300 miles	-230 mil	Dinosaur Era Begins
-	3000 miles	-300 mil	Formation of Ancient Hydrocarbons

**3 steps** from the waves represents the era in which we've burned all the easy oil.

**5 steps** brings us to the beginning of the Industrial Revolution and the era of coal.

**40 steps** and we find ourselves in the time of Jesus and the Romans.

**94 steps** and we witness the building of the Pyramids of Giza.

**130 steps** - the length of a football field - takes us to the Sumerians and the beginning of recorded history.

**Literally every civilization recorded in human history is witnessed WHILE WE'RE STILL ON THE BEACH.**

Beyond the few minutes it's taken us to walk this far back in time, we now enter Prehistoric times.

As we leave the beach, at **200 steps**, we witness the end of the Ice Age.

In a few more minutes of walking, at **800 steps**, we walk past the last of the Neanderthals.

After walking just **2 miles** we see the origins of our very own species - Homo Sapiens - 200,000 years ago.

To witness the extinction of the dinosaurs we will walk 12 hours a day for 18 days, arriving **650 miles** inland - roughly Pittsburgh.

The next 1650 miles will encompass the period when the dinosaurs reigned.

We will have now walked **2300 miles** from civilization's beach on the Atlantic Coast.

We are near the Colorado/Utah state line where we will witness the very origins of the dinosaurs.

There are still 700 miles of walking before we reach the Pacific - 300 million years past.

This final stretch of our journey back in time brings us to the point of origin for the hydrocarbon fuels we are dependent upon.

**It took 6 million steps to reach the origin of these resources.**

**It took just 3 steps to consume these resources.**

Meanwhile, back at the beach: Take one single step into the future to witness the era of Fracking - Industrial Ag's panacea.

Here we witness a desperate society recklessly endangering their most valuable resource - **Water** - for the final remnants of oil and gas.

What's **YOUR** definition of **Sustainable**?