

Organic Chemistry

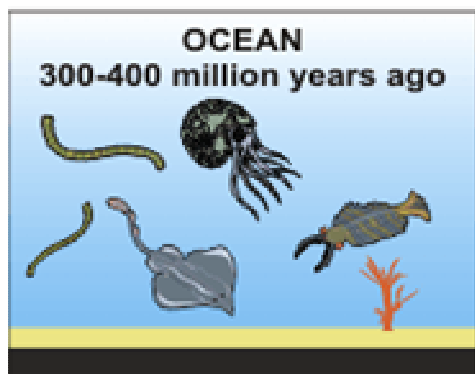
Organic compounds are compounds structured from a backbone of carbon and hydrogen atoms.

Organic compounds can be natural or synthetic. Friedrich Wohler was the first to synthesize urea in 1828.

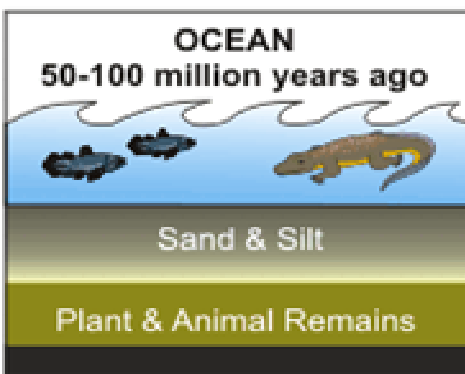
Hydrocarbons: organic compounds that contain only C and H.

Origins of Hydrocarbons

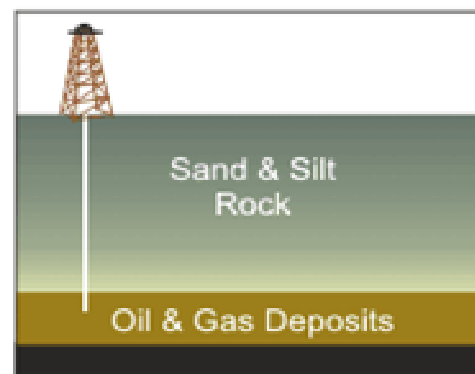
PETROLEUM & NATURAL GAS FORMATION



Tiny sea plants and animals died and were buried on the ocean floor. Over time, they were covered by layers of silt and sand.



Over millions of years, the remains were buried deeper and deeper. The enormous heat and pressure turned them into oil and gas.



Today, we drill down through layers of sand, silt, and rock to reach the rock formations that contain oil and gas deposits.

Coal is formed mainly from the remains of land-based plants.