

In The Name of God

Energy



If we can make the above reaction happen, it releases energy as heat; because molecules in the right side of equation are in lower energy level.

I think, this is possible that in a specific initial condition the reaction happens.

Initial condition can be different pressure, temperature, electric field, magnetic field and under electromagnetic radiation.

Diamond

It can be that the carbon in the reaction appear in form of diamond. Actually, one of the methods of producing diamond is by methane in low pressure. Our equation is similar to that. If we are lucky, the reaction can give diamond too.

In the case we are successful, we have turned two air pollutant molecules into energy, diamond and water.