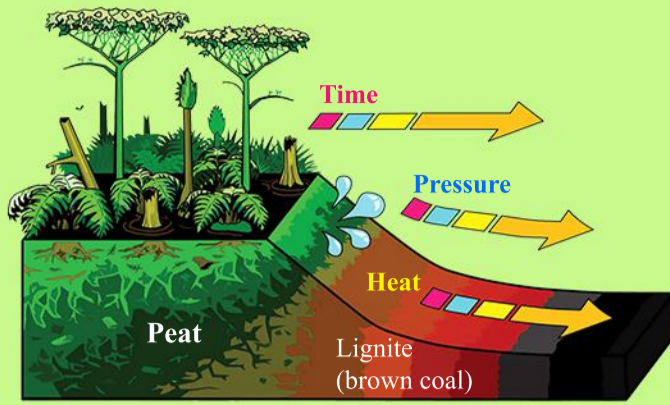


# Coal and Petroleum

## Coal

Forests got buried under the soil due to calamities like land slides, tsunamis and earth quake.



Carbonization took place, a process by which this buried vegetation turned into carbon, took millions of years for it to happen

## Formation



- Coke is used to produce water gas.
- NASA used coke as one of the materials used in the heat shielding of Apollo Command Module



- Coal gas is used as a fuel
- Used as an illuminant.
- Used in lighting.
- Used for heating.
- Used for cooking.



- Coal tar is used as medication for itching scaling and other skin conditions
- Manufacture paints, synthetic dyes, and photographic materials contain coal tar.



### Coke

Made by destructive distillation of low-ash, low-sulphur bituminous coal, has the highest carbon content.



### Coal Gas

Is a mixture of hydrogen, methane, carbon monoxide, produced by the destructive distillation of coal.



### Coal Tar

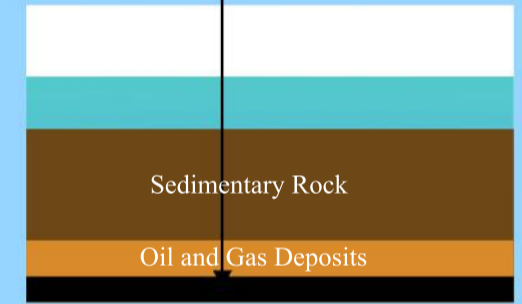
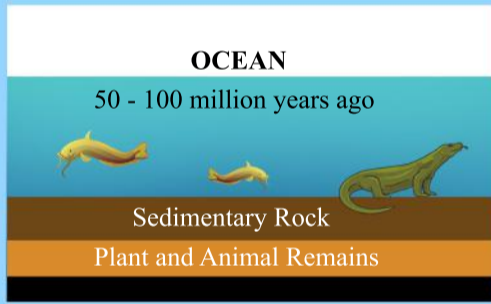
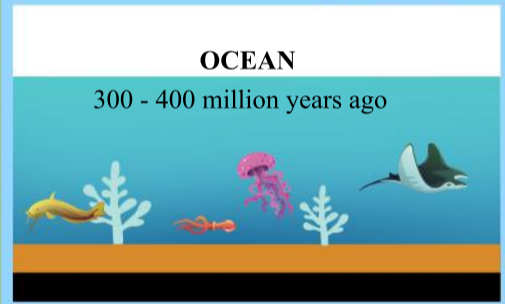
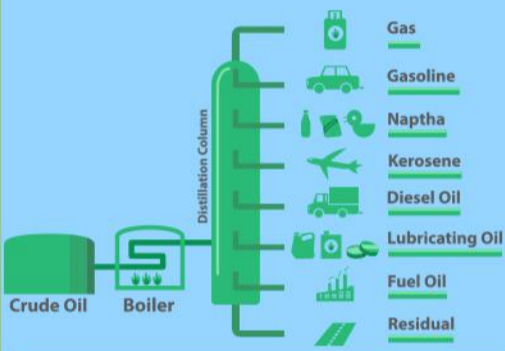
By - product of the production of coal gas and coke.



## Petroleum

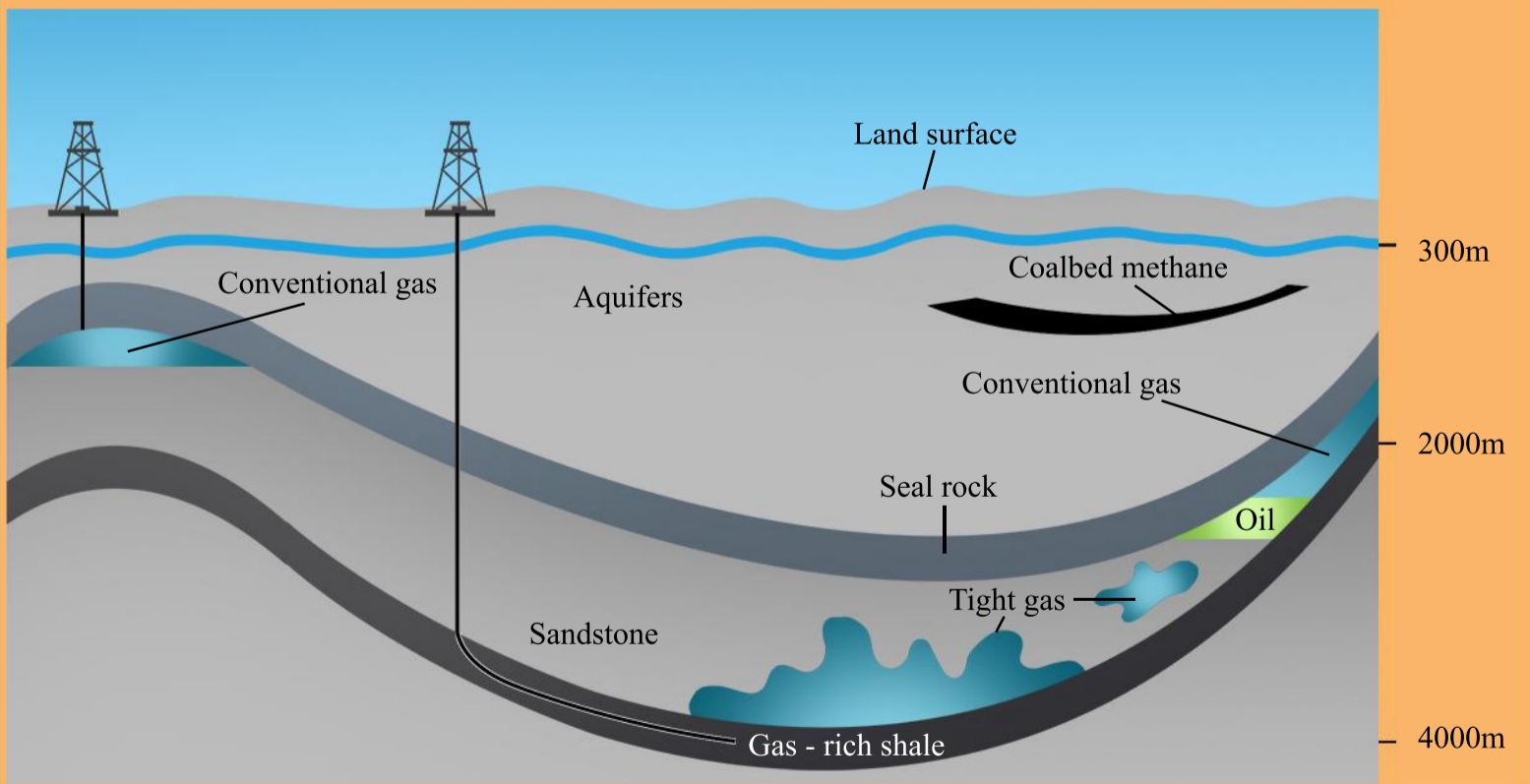
### Crude oil

Is a mixture of many liquids which are separated by fractional distillation as they have different boiling points



## Natural Gas

Natural gas is found in deep underground rock formations or associated with other hydrocarbon reservoirs in coal bed . Petroleum is another resource and fossil fuel found close to and with natural gas



There is no smoke on burning and it has high calorific value



Generally, it is transported through pipes.



The gas is used as a source of energy for cooking, heating, and electricity generation



It is used in the form of CNG