

- An oil well is used to bring the oil or other hydrocarbons to the surface. It is a long hole created into the earth.
- An oil reservoir is an underground lake of oil composed of hydrocarbons.

Extraction of Oils

Extraction of oil is the process by which usable oil is extracted from the earth's surface location.

Determining the Characteristics of Oil Reservoirs

Characteristics of oil reservoirs are:

- Devices like geophones are used to determine the presence of oil in rocks by identifying the reflected sound waves.
- Exploratory wells are used to extract oil samples.

Primary Production of Oil

The natural flow of oil is called the primary production of the oil. It can persist for days or years.

Secondary Recovery Process

The secondary process can be carried out by the process of:

- Water flooding
- Injecting chemicals into the reservoir.
- Injecting carbon dioxide into the reservoir.
- Microbially enhanced oil recovery

Fractional Distillation

Crude Oil

Crude oil is a type of fossil fuel, which is an unrefined petroleum product composed of hydrocarbons.

Boiling Point and Vaporisation