

# Petroleum Exploration

@wikipedia

Part of [Petroleum Industry](#) related to searching for [hydrocarbon](#) deposits beneath the [Earth's surface](#), such as [oil](#) and [natural gas](#).

[Petroleum Exploration](#) is split into five operational areas:

| Petroleum Exploration |                     |                        |                       |                         |
|-----------------------|---------------------|------------------------|-----------------------|-------------------------|
| Basin Analysis        | Surface Exploration | Subsurface Exploration | Appraisal Exploration | Booking Reserves        |
| Tectonic Analysis     | Aerospace survey    | Exploration drilling   | Craelius wells        | Geological Modeling     |
| Depositional facies   | Landscape survey    | Open-Hole logging      | Appraisal wells       | Petrophysical Modelling |
| Lithological facies   | Gravimetry survey   |                        | Open-Hole logging     | Fluid Modelling         |
|                       | Magnetic survey     |                        | Cased-Hole logging    |                         |
|                       | Resistivity survey  |                        | Lab Core analysis     |                         |
|                       | Seismic surveys     |                        | Lab PVT analysis      |                         |

The ultimate result of [Exploration](#) of a new [petroleum reservoir](#) is [Booking Reserves](#).

## See Also

[Petroleum Industry / Upstream](#)