

Natural gas liquids (NGL): propane, butanes and pentanes plus obtained from the processing of raw gas or condensate (as defined by the ERCB, 1987a, p. 1-4). Some authorities extend the definition to include ethane (for example, EMR, 1987c, p. 75).

Liquefied petroleum gases (LPG): a subgroup of the natural gas liquids, consisting principally of propane and butanes, which can be liquefied under pressure at room temperature. These are familiar as "bottled gas".

Conventional crude, synthetic crude, condensate, bitumen and natural gas liquids may be referred to collectively as **liquid hydrocarbons**.

Gaseous Hydrocarbons

Raw gas: natural gas in its natural state, existing in a reservoir or as produced from a reservoir and prior to processing. Natural gas at the wellhead usually consists of methane with decreasing amounts of heavier hydrocarbons. Raw gas may contain such nonhydrocarbon gases as carbon dioxide, hydrogen sulphide, nitrogen, hydrogen and helium.

Marketable gas: raw gas from which natural gas liquids and nonhydrocarbon gases have been removed or partially removed by processing. Marketable gas is also known as "pipeline quality gas" or "sales gas", and is composed primarily of methane.

Associated gas: natural gas in a free state in a reservoir and found in association with crude oil, under initial reservoir conditions.

Non-associated gas: natural gas in a free state in a reservoir, but not found in association with crude oil under initial reservoir conditions.

Solution gas: natural gas that is dissolved in crude oil under reservoir conditions and that comes out of solution at atmospheric pressure and temperature.

Dry gas: natural gas composed predominantly of methane and ethane.

Wet gas: natural gas containing propane and butanes, sometimes in amounts as high as 50% or more.

Petroleum Resources and Reserves

Resource: all oil and gas accumulations either **known** or **inferred** to exist. That portion of the resource base which has been found is referred to as **discovered resources** or **reserves**. That portion of the resource which is inferred to exist but not yet discovered is known as **undiscovered resources** or **potential resources**.