



Ohio Natural Gas and Crude Oil Lifestyle Benefits

OHIO OIL & GAS ENERGY EDUCATION PROGRAM



Natural Gas

Americans rely on natural gas to supply 24% of their energy needs. This ranks natural gas second in use only to crude oil. Natural gas serves about 175 million American consumers. About 43% is used by industrials, and another 16% is used for commercial purposes. Generating electricity consumes about 14%, and the remaining amount (about 27%) is used in the residential market.

Nearly 7 out of every 10 Ohio homes utilize natural gas as their primary source of heating. It is also used for cooking, drying clothes and heating water. Businesses and industries use natural gas in many ways, from cooking in restaurants, fueling high temperature furnaces for manufacturing steel, as well as providing heat and electricity in hospitals, hotels, schools, churches, shopping centers and office buildings. Natural gas can also be further processed into additional products such as helium, butane, propane and other useful gases.

Crude Oil

After the discovery of crude oil as an energy source in 1857, entrepreneurs recognized that crude oil could also be used for medicinal purposes including sprains, bruises, burns, diarrhea, and other ailments. These crude oil based "cure-alls" were sold to the public as a natural remedy. Soon, crude oil began to play a more important role in people's lives.

Today, crude oil has become an integral part of our society, and supplies around 40% of American's energy needs. Much of our high standard of living can be traced to the use of this petroleum product. There are over 6,000 products produced, wholly or in part, from

crude oil. The average person consumes the equivalent of 3 gallons of refined petroleum-based products each day. Some of these petrochemical products include:



SYNTHETIC RUBBER such as gloves, tennis shoes, boots, swimming floats, balls, hoses, stoppers, tires, rubber bands, belts, skate wheels, shoe heels and balloons.

PERSONAL CARE PRODUCTS such as soap, cleansing creams, toothpaste, toothbrushes, combs, curlers, shampoo, hair spray, lotion, cologne, baby oil, lipstick, eyebrow pencils, nail polish, hand cream, shaving cream, and suntan lotion all come from petroleum.

SYNTHETIC FABRICS such as Nylon, Orlon, Dacron, and Dynel. Parachutes, carpets, rope and astro-turf are also made from these synthetic fabrics.

MEDICINES such as aspirin, antihistamines, Vaseline, alcohol, ammonia, antibiotics and antiseptics all contain petrochemicals.

WAXES are used to make waxed paper, candy, gum, candles and crayons.

CARBON BLACK goes into paints, inks, rubber, cement, batteries, radios and television tubes.

PLASTICS come in a large variety. Everything from bowling balls, camera film to garbage bags and artificial hearts.

FUELS are the most commonly known petroleum products. It is used to energize automobiles, motorcycles, trucks, airplanes, campers, golf carts and lawn mowers.

