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# THINGS YOU SHOULD KNOW ABOUT CALIFORNIA OIL & NATURAL GAS

## OIL **ENABLES** MODERN LIFE

Oil is not just a source of energy – it is also an **IMPORTANT RAW MATERIAL**. Hydrocarbons from oil are key ingredients in many products including **detergents, candles, ink, cosmetics, glue, eyeglass lenses, plastics, acrylic paint, fertilizer, foam cushions** and **drugs** such as **aspirin**.

## OIL **FUELS** THE FUTURE

**92%** of all transportation fuel in California is based on crude oil, including gasoline, diesel and jet fuel. The U.S. Energy Information Administration predicts that in 2050 fossil fuels will continue to provide **ABOUT 79%** of the nation's energy, while **RENEWABLES WILL PROVIDE ONLY ABOUT 15%**.



## OIL & NATURAL GAS PRODUCTION IS **SAFE**

More than **25 STATE** and **FEDERAL AGENCIES** oversee all aspects of the exploration and development of **properties, production, transportation** and **sale of oil and natural gas**.

## WE HAVE A **HUGE** ENERGY DEFECIT

To meet California's energy needs, the **STATE USES ALL THE OIL IT PRODUCES** – **70%** is used just to meet jet fuel production alone – and chooses to **IMPORT OVER 74% MORE**, mostly from foreign countries that don't apply California's safety, labor and environmental standards. California also imports over **90%** of its natural gas and **30%** of its electricity.

## LOCAL OIL PRODUCTION **MEANS JOBS**

The oil and natural gas industry supports **APPROXIMATELY 365,000** well-paying jobs in California and provides **billions of dollars in state and local tax revenues** that support **local public safety** and **schools**.



## THE PETROLEUM INDUSTRY **CHAMPIONS DIVERSITY**



California's oil and natural gas industry has an **ETHNICALLY DIVERSE WORKFORCE** with over 28% Latino, 11% Asian, and 6% Black employees. The industry provides great jobs and **OPPORTUNITIES FOR WORKING FAMILIES** that are unmatched by other industries.

## OIL PROVIDES A PATH TO THE **MIDDLE CLASS**

The oil and natural gas industry in California represents a **LADDER TO THE MIDDLE CLASS**, regardless of educational background. **ONE THIRD** of California's oil and gas workforce has not attended college and the average salary is **OVER \$80,000**.

## OIL & NATURAL GAS ARE **AVAILABLE** WHEN WE NEED THEM

Oil and natural gas are highly concentrated, **VERSATILE** and **RELIABLE ENERGY SOURCES**. Natural gas also **supplements intermittent renewable sources** when the wind isn't blowing and the sun isn't shining.

## AIR QUALITY IS **IMPROVING**

Between 1970 and 2017, **U.S. GROSS DOMESTIC PRODUCT INCREASED 262%**, vehicle miles traveled increased **189%**, energy consumption increased **44%** and the U.S. population grew by **59%**. During the same time period, total emissions of the six principal **AIR POLLUTANTS DROPPED BY 73%**.

## U.S. GHG EMISSIONS ARE **DOWN** DUE TO NATURAL GAS

Since 2005, there have been **MORE** U.S. greenhouse gas (GHG) **REDUCTIONS** from natural gas than all renewables combined. In fact, as natural gas replaces coal in electricity generation, U.S. GHG emissions from the electric utility sector have **DECLINED TO THE LOWEST LEVEL** since 1991.

