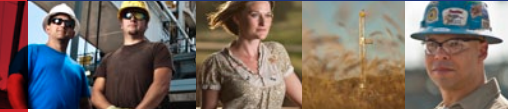


Oklahoma Natural Gas



OKLAHOMA'S OIL & NATURAL GAS PRODUCERS & ROYALTY OWNERS. **OERB**

NATURAL GAS

- ▶ **Oklahoma is the 3rd largest producer of natural gas**, providing 1,643.3 billion cubic feet in 2007.
- ▶ **Oklahoma is ranked 5th** in the amount of natural gas reserves.
- ▶ **Eight of the 50** greatest energy fields in America are located in Oklahoma.

ECONOMIC IMPACT

- ▶ Oklahoma oil and natural gas production generates \$11 billion in purchases of goods and services from other Oklahoma firms.
- ▶ Each direct job in the oil and natural gas sector supports 3 additional jobs in the broader state economy – roughly 245,000 additional jobs.
- ▶ In 2007, the oil and natural gas industry paid nearly \$1 billion in gross production taxes.

The oil and natural gas industry employs about

76,000
OKLAHOMANS
directly

COMPRESSED NATURAL GAS (CNG)

- ▶ CNG is created by compressing natural gas to less than 1% of its volume at standard atmospheric pressure.
- ▶ It is abundant, domestic, economical, clean-burning and an alternative fuel source for vehicles.
- ▶ CNG is non-corrosive, non-toxic and less combustible than traditional fuels.
- ▶ **CNG produces 25% fewer carbon dioxide emissions than traditional fuels.**

**25%
LESS
CO₂**

DRILLING TECHNOLOGY

- ▶ Advances in horizontal drilling and hydraulic fracturing have supported rapid shale development such as the Woodford in southeast Oklahoma.
- ▶ Advanced technology like satellites, global positioning systems, and 3-D and 4-D seismic software make it possible to discover natural gas reserves while drilling fewer wells, thus lessening the environmental impact at the surface.
- ▶ While the cost factor for a horizontal well may be as much as two or three times that of a vertical well, the production factor can be enhanced as much as 15 or 20 times.



Learn more about Oklahoma's energy future at oerb.com/AdvancingEnergy

ADVANCING OUR STATE.
EMPOWERING OUR NATION.