

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.
- The oil and natural gas industry employs about 76,000 Oklahomans directly.
- 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.

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.

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.

