

Compressed Natural Gas (CNG)



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

WHAT IS CNG?

- ▶ CNG is created by compressing natural gas to less than 1% of its volume at standard atmospheric pressure.
- ▶ It is stored in high-pressure fuel-storage tanks, much like those you use in scuba diving.
- ▶ It is abundant, domestic, economical, clean-burning and an alternative fuel source for vehicles.
- ▶ There are about 1,100 CNG fueling stations around the U.S. Twenty-three stations are open to the public in Oklahoma.
- ▶ You can install a kit at your home to fuel your CNG vehicle overnight.
- ▶ Converting 5% of the 6.5 million heavy trucks on American roadways to CNG would help the country cut its overseas oil imports by 5%.

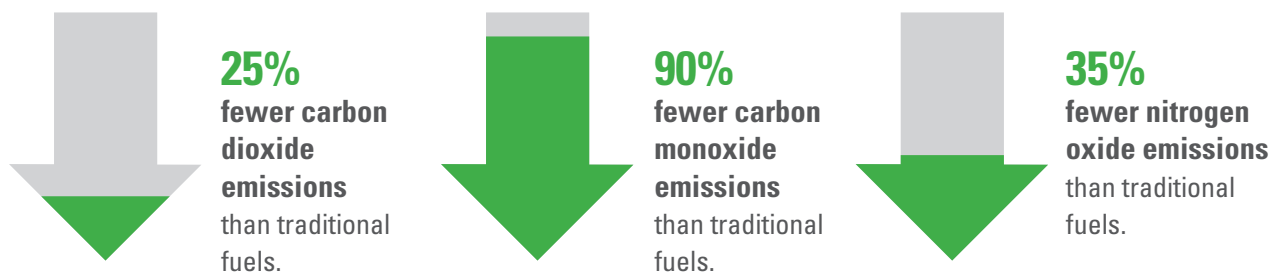
On average

1 mcf (thousand cubic feet) **of CNG** = **8 gallons of traditional fuel**

IS CNG SAFE?

- ▶ CNG is non-corrosive, non-toxic and less combustible than traditional fuels.
- ▶ CNG is lighter than air and will dissipate if leaked. Traditional fuels can sink and pool.
- ▶ The on-board tanks are made of steel up to one-half inch thick and often wrapped in protective reinforced fiberglass sheathing.

ENVIRONMENTAL BENEFITS*



- ▶ Emits fewer carcinogenic pollutants.
- ▶ Emits little or no particulate matter.

*Source: U.S. Environmental Protection Agency



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