

PHYSICAL AND CHEMICAL CHARACTERISTICS OF NATURAL GAS

Match the correct word with the sentence

Dry gas	The natural gas is trapped underground by a permeable rock called and stays there until it is extracted.
gathering lines	_____ is essentially gas that contains mostly methane.
liquefied natural gas	Natural gas can also be found in reservoirs with oil and is sometimes extracted alongside oil. This type of natural gas is called
a cap rock	Once extracted, natural gas is sent through small pipelines called to processing plants, which separate the various hydrocarbons and fluids from the pure natural gas to produce what is known as pipeline-quality dry natural gas before it can be transported.
associated gas	Gas is transported through pipelines called to distribution centres, where it is stored in underground reservoirs for later use.
Wet gas is a type of gas that is liquefied for shipping in large tankers across oceans.
feeders contains compounds such as ethane and butane, in addition to methane.

Choose the correct answer to the questions.

1. What is the main ingredient in natural gas?

- A. Ethane
- B. Methane
- C. Propane
- D. Butane

2. How was natural gas formed millions of years ago?

- A. By heating up rocks
- B. By compressing dead plants and animals
- C. By mixing water and gas
- D. By burying dead plants and animals under sedimentary rock

3. Where is natural gas typically found?

- A. In the atmosphere
- B. In lakes and rivers
- C. In underground rocks
- D. In the ocean

4. What is the difference between dry gas and wet gas?

- A. Dry gas has more methane, wet gas has more other compounds
- B. Dry gas is more expensive, wet gas is cheaper
- C. Dry gas is used for heating, and wet gas is used for cooking
- D. Dry gas is found on land, and wet gas is found in the ocean

5. How is natural gas transported across oceans?

- A. By truck
- B. By train
- C. By pipeline
- D. By ship when liquefied

6. What is the main use of natural gas?

- A. Powering cars
- B. Heating homes
- C. Making plastic
- D. Cooking food

7. Why is natural gas considered better than other fossil fuels?

- A. It is cheaper to extract
- B. It produces less pollution
- C. It is renewable
- D. It has a stronger smell

8. What is a potential problem with natural gas?

- A. It can leak and cause explosions
- B. It runs out quickly
- C. It is hard to transport
- D. It is too expensive

9. Which of these is not a use of natural gas?

- A. Generating electricity
- B. Making fertilizers
- C. Fueling aeroplanes
- D. Heating water

10. What has led to more natural gas production in the US?

- A. New laws
- B. Increased demand
- C. Technological advancements
- D. Environmental concerns