**Level 2**

**Quiz – Petroleum & Natural Gas**

**(Module 2)**

Use the *Word Bank* to fill in the blanks:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made it possible for oil companies to extract oil and natural gas from deep shale rock.
2. A barrel of oil is equal to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gallons.
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is made up of hydrocarbons, mainly methane.
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ produced more than 585,000 bbl from 1951 to 1980.
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a facility where petroleum is separated into usable products.
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ were formed by anaerobic decay of organic matter.
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the number of feet below the earth’s surface where petroleum is found in North Dakota.
8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ makes up about 90% of fracking fluid.
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a liquid mixture of hydrocarbons and other organic compounds found beneath the surface of the earth.
10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the number of cubic feet of natural gas produced each day in the Bakken.
11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is an oil-rich rock unit located below portions of the Bakken Formation.
12. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_covers much of western North Dakota, as well as two other states and provinces.
13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ transport more than 67% of North Dakota oil.
14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ occurs during the time-span between when an oil well starts producing and when transport infrastructure is built.
15. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the process of using pressurized water to break open cracks in deep underground rock to release trapped petroleum.
16. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the number of people working in western North Dakota oil fields.
17. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ created petroleum and natural gas.
18. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the type of oil found in the Bakken.
19. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the number of barrels of oil produced in North Dakota each day.
20. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ transport about 25% of North Dakota oil.
21. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is added to natural gas to make it odiferous.
22. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ occupies about 12,000 square miles of North Dakota’s subsurface.
23. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a major component of natural gas that is commonly used in barbecue grills.
24. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the number of gallons of gasoline made from a barrel of petroleum.

**Word Bank**

● mercaptan ● 1 million

● fossil fuels ● Clarence Iverson No. 1

● marine organisms ● 42

● 19 ½ ● trains

● Bakken ● Williston Basin

● hydraulic fracturing ● extended horizontal drilling

● petroleum ● propane

● pipelines ● oil refinery

● natural gas ● water

● sweet crude ● 1 billion

● 10,000 ● flaring

● Three Forks

● 55,000