**OIL FORMATION**

**Part I: Using the following website:** [**http://www.priweb.org/ed/pgws/systems/systems\_home.html**](http://www.priweb.org/ed/pgws/systems/systems_home.html)

1. Draw a diagram of oil formation. Make sure you label:
   1. Each step
   2. Provide a brief description of each step.

Part II: Answer the following questions in regards to the steps of oil formation:

Step 1: Energy Capture

1. Where does oil originate from?
2. How are diatoms similar to plants?
3. Can oil form on land? Where can oil form?

Step 2: Source Sediments

1. What other organisms besides diatoms form oil?
2. How long does it take to form oil.

Step 3: Sediment Maturation

1. Explain how sediments are turned into rock.
2. What is source rock?

Step 4:

1. What is reservoir rock?
2. Name 3 common types of reservoir rocks.
3. What is an important characteristic of reservoir rocks?

Step 5:

1. What is a trap?
2. Describe and draw three types of structural traps.
3. Describe and draw a stratographic trap.
4. What is a combination trap?

Step 6:

1. What is an oil seep?
2. What is the most common trap rock? Why?