 Hot Spots

1) Describe the picture to the left.

2) Explain what creates a hot spot and what these constructive forces do to the oceanic and continental crusts. Make sure to use vocabulary words such as *mantle, lithosphere, and increased density.*

*3)* Why are most hot spots located at mid-ocean ridges? Make sure to use the word divergent boundaries to answer the question.



4) Describe in as much detail as you can on how a hot spot has made the Hawaiian Islands.

5) What tectonic plate action has created Yellowstone National Park? Make sure to use the words: caldera, North American Plate and hot spot in your answer.