

Investigation 5: Exploring for Petroleum

This investigation will help you to:

- Learn more about what geologists look for when they explore for oil.

To learn more about what geologists look for when they explore for oil, visit the following web sites:

Looking for Oil and Gas?, **San Joaquin Geological Society**

This site provides a detailed introduction to oil and gas explorations. It provides graphics and links to help build your understanding.

Oil and Gas Extraction, **US Dept of Labor**

Explore the nature of the industry from research to extraction to refining.

Exploration and Drilling of Wells, **Infoplease**

This site briefly reviews the process of drilling oil wells and also has links to the natural occurrence of oil along with the process of refinement.

Oil & Gas Reservoir Life Extension, **DOE Fossil Energy**

This adobe pdf article explores the importance of enhancing recovery of oil and gas from rocks.

Horizontal drilling, **University of Wisconsin**

Drilling directly in an oil reservoir can be tricky and expensive. Explore how horizontal drilling is a useful method for saving money and lessening the environmental impact while recovering the same amount of oil as other methods.

The Process of Hydraulic Fracturing, **EPA Office of Water**

Learn more about a technique that allows oil or natural gas to move more freely from the rock pores to a producing well.
