

1 DAY BASIC SURVIVAL PETROPHYSICS COURSE

This fun and informal one day session offers a high-level overview of the science of petrophysics. A good review for geoscientists and non-geoscientists alike who wish to get a better understanding of what a petrophysicist actually does, we will discuss the definition of a petrophysicist as defined over the last 15 years.

The course will include very practical approaches to evaluating well logs during our day of training. As this is a basic petrophysics course, bear in mind that you will not become experts in evaluating all aspects of logs and reservoirs. It is designed to give you basic survival log skills that you can use to recognize effective log porosity, and imply permeability.

In this course, I provide a one-well Western Canadian Basin (WCB) well log plat example, and we will solve for VSH, (volume of shale), porosity, and SW (water saturations). We will also discuss drilling procedures, and coring, where actual rock samples are recovered, to assist in the interpretation of the reservoir for porosity and water saturations.

As a geologist specializing in the science of petrophysics for over 40 years both locally and internationally, I will teach you the simple and easy approach to interpreting well logs. We will discuss basic log theory of the primary logs that most wells contain, and other services as time permits.

I request that you bring a calculator, color crayons, sharp pencils and straight edges, as we will be using these supplies while working on the WCB well log plat example.

We hope to see you soon!

Winston Karel

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