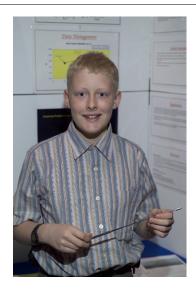




## CWSF 2006 - Saguenay, Québec



## **Eric Peach**

## Archie's Equation And The Variable "m"

**Division:** Health Sciences

Category: Junior

**Region:** Calgary Youth **City:** Cochrane, AB

School: St. Timothy Junior Senior High School

**Abstract:** Electrical measurements can be used to determine how much oil or gas is

contained in a hydrocarbon reservoir. This project focuses on one of the variables used to calculate hydrocarbon and water saturations. It represents some geological characteristics of a porous sand that effect the flow of

electricity through it.



