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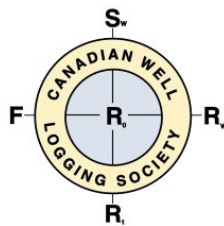
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**CWLS Luncheons and courses
qualify for APEGGA
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Hours.**

Please see the CWLS Website at
www.cwls.org for information
regarding a Corporate Network
License for the recently published
CWLS Formation Water (RW)
Catalog CD.

Notes: Please forward this notice
to any potentially interested co-
workers. Thank you.



CANADIAN WELL LOGGING SOCIETY

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www.cwls.org

Wednesday, November 4th, 2009 CWLS TECHNICAL LUNCHEON PRESENTATION FAIRMONT PALLISER HOTEL 133, 9TH AVE. S.W. CALGARY

TIME: 12:00 PM (COCKTAILS AT 11:30 AM)

RESERVATIONS BY: Friday, October 30th, 2009 (NOON) - CALL 269-9366 TO CONFIRM A SEAT

COST:

MEMBERS RESERVED MEAL: \$35.00; NON-MEMBERS RESERVED MEAL: \$40.00
(SPECIAL NEEDS MEALS AVAILABLE WITH ADVANCED BOOKING ONLY; PLEASE
REQUEST WHEN ORDERING TICKET)

TOPIC:

**Gas Shales, Free and Adsorbed Gas in BCF/sq.mile: Petrophysical
Characterization using a Nuclear Spectroscopy (ECS) Multi-Clay Model
and Geological Analysis by a Maximum Likelihood System**

SPEAKER: Bob Everett, Petrophysicist

ABSTRACT:

What am I going to tell you?

- The sources of shale gas are often over-pressured shales
- A relationship exists between Total Organic Carbon (TOC) and kerogen
- TOC can be determined from GAMLS, core, NS (ECS etc) and TOC_Magara
- TOC can be converted to BCF/sq mile if pressure, temperature, and the interval (thickness) are known
- The relationship derived between TOC and sonic-resistivity was derived from a well in another field that is not nearby and is being applied to the example well
- Only production will tell if this works but it sure seems to...
- The Appendices give the details: descriptions, methods, and equations.

What's in it for me?

- Concepts and methods you can try
- Equations in Appendices you can use
- Tested in clastic and carbonate gas shales
- What is my motive? Talk about ideas; Take home methods: Ask for slides

BIOGRAPHY

R. V. (Bob) Everett, P.Eng. is a Consulting Petrophysicist and Professional Engineer with over 40 years experience in petrophysical analysis. He is a specialist in the integration of Neutron Spectroscopy having spent some early years at Schlumberger-Doll Research working on shaly sand analysis. Bob has also worked as a consultant for Texaco, Unocal, and Z&S/Dresser Atlas/Baker Hughes, and the University of Texas at Austin on a GRI Tight Gas Sand project. Some of the many plays he has worked on are offshore West Africa carbonates, West Texas Carbonates, Alberta Devonian Reefs, and Alberta shallow gas Sands as well as Shale Gas plays. He is particularly interested in the mineralogical and chemical aspects of petrophysics involving shaly sands, tight gas sands and shale gas reservoirs and has been directly involved with the development of mineralogical and geochemical logging tools. He has a BSc in Mechanical Engineering from the University of British Columbia.