CANADIAN WELL LOGGING SOCIETY

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Wednesday, October 8th, 2008
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 3rd, 2008 (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)

TOPIC: **The Identification of Natural Fractures in Inclined Highly Fractured Formations**

SPEAKER: **Nabil Al-Adani, Senior Petrophysicist, CWLS Member.**

ABSTRACT:
Most features, like fractures and faults, can be identified on borehole images with reasonable confidence at the borehole wall. Based on the fracture appearance, the natural fract5ures might be distinguished from any other drill-induced fractures and qualified as productive features. However, this is all based on observed features on the borehole images at the borehole wall with no confirmation on the extent of these features into the formation. By combining acoustic shear dispersion, shear anisotropy and Stoneley mobility analyses with high resolution borehole images, the fractures can be investigated beyond the borehole wall. This is an integrated process to investigate the probability of observed geological features on the borehole images extending into the formation.

BIOGRAPHY
Nabil Al-Adani obtained his BSc in Petroleum Engineering from KFUPM in 1995. For the past 13 years, he has worked in the Middle East and North America as a Senior Petrophysicist, with a focus on porosity, permeability, and saturation analyses. He invented a Stoneley permeability evaluation method for fractured reservoirs and developed several interpretation techniques. These techniques include: 1) detecting high streak permeability in carbonates using inelastic yields, 2) evaluating the probabilities of free water and hydrocarbon of varying wettability using NMR, and 3) one for rock sanding prediction and 3D mechanical properties modeling. He has several publications in the SPE, SPWLA, CSWL and made presentations at several conferences, including the Saudi Engineers Conference and the Egypt Oil Conference

APEGGA MEMBERS:
CWLS Luncheons and courses qualify for APEGGA Professional Development 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.