

## **CWLS EXECUTIVE 2009 – 2010**

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### **CORPORATE MEMBERS**

#### **PLATINUM**

geoLOGIC Systems Ltd.  
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#### **GOLD**

Apache Corporation  
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Logging Inc.  
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Corporation  
Husky Energy Inc.  
Nexen Inc.  
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Gas  
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Consulting Inc.  
Taggart Petrophysical  
Services Inc.

#### **BRONZE**

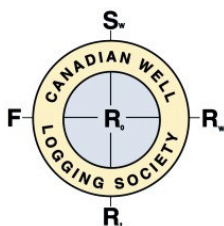
Blade Ideas Ltd.  
Compton Petroleum  
Corporation  
Provident Energy Ltd.

#### **APEGGA MEMBERS:**

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

Please see the CWLS Website at  
[www.cwls.org](http://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**

2200, 700 – 2nd Street S.W., Calgary, Alberta T2P 2W1  
Telephone: (403) 269-9366  
Fax: (403) 269-2787

[www.cwls.org](http://www.cwls.org)

### **Wednesday, April 8<sup>th</sup>, 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, April 3rd, 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:**

**Full Cycle Costs of Natural Gas**

#### **SPEAKER:**

**W.P. Gwozd, Vice President, Gas Services, Ziff Energy Group**

#### **ABSTRACT:**

Insight on gas reserves remaining, along with a North American gas supply outlook, as well as detail on Western Canada (drilling, productivity, gas demand) provides the background for Finding & Development plus Operating Expense. A preview of the full cycle North American cost curve for new gas supply from 30 North American gas basins outlines the challenge for the natural gas sector which is experiencing gas prices lower than the full cycle recovery costs. Copies of the 22 PowerPoint charts will not be available.

#### **BIOGRAPHY**

W.P (Bill) Gwozd, P.Eng, Vice President, Gas Services, has 3 decades of natural gas experience. A long time Calgarian, he holds a Chemical Engineering degree from the University of Calgary in 1979 and a Chemical Engineering Technology diploma from SAIT in 1976. He prepared and implemented gas supply contractual purchases and gas storage strategies, directed gas control functions for transportation contractual arrangements, and prepared written regulatory applications. Experience with transportation planning of natural gas liquids pipelines and storage facilities with a leading international integrated producer. Mr. Gwozd oversees the Natural Gas Retainer Service and consulting practice, focusing on long-term natural gas price outlooks, pipeline acquisitions, regional changes in gas markets, North American gas supply forecasts, and gas development.