

**DISTRICT OF HUDSON'S HOPE**  
**SPECIAL MEETING**  
**HELD IN THE COUNCIL CHAMBERS**  
**TUESDAY, MAY 20, 2008 AT 1:00 P.M.**

Present    **Council:** Mayor Harwood; Councillors Kosolowsky, Webster, Johnson, Johansson and Anderson  
              **Staff:** B. Mercereau, Deputy Clerk  
              **Others:** J. Hallberg, R. Enderlin, R. Karst, C. Lewis, R. Brown, M. Dawson, D. Gover, and A. Wigglesworth

**CALL TO ORDER**

**Unconventional Gas in British Columbia**

Mike Dawson from the Canadian Society for Unconventional Gas (CSUG) spoke to Council about unconventional gas in British Columbia. He discussed the following issues:

- the CSUG supports responsible exploration and development of unconventional gas in Canada with approximately 130 members from industry, government, environmental and community;
- because the need for energy continues to grow and conventional production of natural gas is declining there is a greater reliance being placed on unconventional sources of natural gas;
- unconventional gas is more sustainable and comes from sources such as shale gas, tight sands, gas hydrates and natural gas from coal and coalbed gas;
- currently 25% of natural gas in British Columbia comes from unconventional sources and it is predicted that this will rise to 50% in the future;
- companies are now looking at areas where resource development has not been done before;
- the process of coalbed gas development is regulated and supported by the corporate best practices;
- discussed the process of dewatering wells to produce coalbed methane;
- the water from the coalbed methane wells needs to be disposed of by using injection wells that are regulated by the Oil and Gas Commission;
- the issue of protecting groundwater does need to always be considered;
- a diagram was used to show the casing and cement that is used when drilling wells to protect the groundwater;
- some wells can be drilled horizontally to minimise the surface disturbance;
- if it is a low pressure well there will need compression used;
- discussed that tracing water in disposal wells can be a difficult procedure;
- the initial water disposed of from coalbed methane production is large at the beginning of the project and decreases over the time of the production;
- the geological settings in Hudson's Hope are much different from those in the United States; and
- the Gething formation water is saline, which shows that it is not connected to the out crops.

**ADJOURNMENT**

Certified Correct:

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Clerk

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Mayor