

The Processor

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Message from CAPP President: 2013 RCE Progress Report

<http://www.capp.ca/rce/>



2013 Responsible Canadian Energy Progress Report Released

Responsible development of Canada's abundant energy resources matters to all Canadians – in terms of environmental performance, in economic benefits and jobs, and in energy security and reliability. CAPP has just published its 2013 **Responsible Canadian Energy Program** progress report, providing performance information for Canada's upstream oil and gas industry for the year 2012. The report affords our industry the opportunity to provide credible and transparent reporting on our performance, to be candid about our challenges, and to open the door for a collaborative approach to solutions. To view or download the summary report, and to view the complete data set as well as regional analyses, visit www.capp.ca/rce.

Sincerely,

Dave Collyer, President
Canadian Association of Petroleum Producers

2014 Safety Conference & Awards Banquet

Date: April 4th, 2014

Location: Deerfoot Inn & Casino

1000, 11500 - 35 Street SE, Calgary, Alberta T2Z 3W4

This year's banquet theme will be Chicago 20's style! For more details, [please visit GPAC website](#).

2013 PJVA/GPAC Joint Conference Summary

235 delegates were in attendance at the 2013 GPAC/PJVA Joint Conference, which took place at the BMO Centre for the 2nd year. This year's conference was filled with intriguing and informative presentations with three streams to choose from, in addition to the plenary sessions.

Some highlights of the conference included:

- An audience favorite - Alex Epstein, President and Founder of the Center for Industrial Progress, speaking on "How to Convert Fossil Fuel Opponents into Fossil Fuel Supporters" and "Energy Heroes".
- Technical stream presentations on Oil Sands Development, Improved NGL Quality and Entrance into the Midstream Gas Processing Business - many of these sessions lead to standing room only!
- Two extremely lively panel discussions during the JV analyst/admin stream: "Construction, Ownership and Operation Agreement" and "Keep Your Career Moving Forward".
- Very well received mini presentations from our conference exhibitors.

Planning has started for the 2014 conference. Look out for program and registration information to hit your inbox next summer. If there are any burning topics or speakers you would like to see featured, please notify the GPAC office.

Annual Flapjack Feast Recap

"GPAC and ISA Calgary Chapter want to thank all the sponsors and attendees for their support of the Annual Flapjack Feast on July 10th. We are also proud to announce \$1160 was raised for a \$580 split between Red Cross AB Flood Relief and winner Chris Armstrong of Spectra Energy. Thanks to Aerotek staff for handling the ticket sales."

GPAC September Luncheon Summary

"Interpretation & Advancement of Natural Gas & Natural Gas Liquids Analysis" with Derek Fraser,

MAXXAM Analytics

After experiencing a lengthy delay due to the June floods, GPAC's technical luncheons resumed again in September. Our speaker was Derek Fraser from Maxxam Analytics who presented an overview of the "Advancement of Natural Gas Analysis". The main aim of this presentation was to provide the audience with a general understanding of the impacts of the various analysis systems that are available.

Derek started out by providing a brief overview of the chemical constituents of Natural Gas. This highlighted the various and intricate configurations of the heavier hydrocarbons and helped the entire audience to understand why it can be so difficult to determine the exact make-up of C6's and C7+'s in a given gas sample. Bearing the complex chemical composition of Natural Gas in mind, Derek then led the audience through an overview of the various methodologies used for gas analysis.

Starting with the more conventional technologies such as the Backflush and the Pre-cut methods, Derek led us through the pros and cons of each analysis method. As the technology has improved, gas analysis is now able to give us finer detail of the gas composition and we are able to see exactly what configurations of C6's and C7+'s are found in our samples. Additionally, Derek pointed out that a detailed gas composition analysis means that we are able to determine the actual Gross Heating Value (GHV) of our gas instead of using the default values found in the AER's (ERCB) Directive 17. By using actual GHV's we can more accurately determine the value of the gas stream and therefore achieve economic benefits.

In closing, Derek reviewed some of the challenges that our industry is seeing today. Heavier samples, a need to increase accuracy, and a need to minimize variance were all listed as issues that we are facing. With the advances made in gas composition analysis by companies such as Maxxam Analytics, we are better prepared to address these issues and to optimize the value we recognize from our streams.

Thank you again to Derek Fraser for presenting to our association! We look forward to our next speaker on November 19th.

GPAC November Luncheon Summary

November Technical Luncheon - Steve Price from Expander Energy Inc.

This month's technical luncheon topic was on integrated gas and GTL plants. This integration can give producers several options of increasing profitability. Our guest speaker was Steve Price, President of Expander Energy Inc. His company has developed and patented the Enhanced Fischer-Tropsch (EFT®) process.

Steve's presentation started with an overview of the "Carbon Management Story". There were four main points in this story: converting low value carbon into a high value synthetic product, the maximum retention of carbon, the maximum conversion of carbon, and minimum rejection of carbon. In addition to creating byproducts such as Syndiesel®, this process also has the added benefit of decreasing greenhouse gas emissions.

Steve also reviewed the issues facing both oil and gas producers and then gave an overview of how GTL can help mitigate these issues. One such issue facing Alberta producers was that some traditional

markets in the East are being lost to the Marcellus Shale development. This is challenging Alberta producers to seek new markets and new products. Fortunately, there is a market for synthetic fuels and other liquids. The Enhanced Fischer-Tropsch (EFT®) process is one way to convert gases to liquids and take advantage of that available market. A summary of the economic and practical advantages of integrating a gas and GTL plant was then presented.

Afterwards, Steve answered several questions from the audience and then was kind enough to stay and answer additional one-on-one questions with several of our members. As a reminder, members are able to access copies of Steve's presentation at our website: www.gpacanada.com. Thank you again to Steve Price for presenting to our association!

GPA (US) eBrief November 2013



Please [click here](#) to view/download the print version.

Turner Valley 100th Centennial Celebration - May 2014

The cornerstone of Alberta's early gas and oil industry, Turner Valley Gas Plant is celebrating **100th Centennial event in 2014!** Please [visit here](#) to learn more about Turner Valley.

Upcoming Events

Members Only Post Christmas Social Mixer - January 23, 2014 at Oceana's (formerly La Caille on the Bow)

GPAC 2nd Annual Curling Funspiel - March 7, 2014 at Calgary Curling Club with Silver Medalist Cheryl Bernard!

Safety Conference & Award Banquet - April 4, 2014 at Deerfoot Inn & Casino

Event details will be posted on the [Events Calendar](#) as they become available.

Call for Speakers and Presentations

Please note GPAC is always looking for speakers and presentations for conferences and technical luncheons. [Click here to submit your ideas.](#)

Join GPAC's LinkedIn and Twitter!

If you are on LinkedIn® and Twitter® we encourage you to join the **Gas Processing Association Canada group** - this will be your one stop shop for information on upcoming GPAC events, for updates on GPAC initiatives and for relevant industry information. Your participation is encouraged.

Click on the following icons to join us today on LinkedIn and Twitter!



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