



## **Innovative Enhanced Fischer-Tropsch® Gas-to-Liquids New Patent for Expander Energy**

**Calgary, AB (July 24 , 2013)** – Expander Energy was awarded Canadian Patent 2776369 for its innovative enhancement to the Fischer-Tropsch process in a gas to liquids (GTL) environment. The patented process has significant commercial applications in the field processing of raw natural gas.

Expander's EFT® process involves the manufacturing of high performance, ultra-clean burning synthetic fuel: SynDiesel® and SynJet®. SynDiesel® and SynJet® fuels substantially reduce nitrous oxide and particulate matter and are an efficient transportation fuel with lower greenhouse gas (GHG) emissions when compared with petroleum diesel and other transportation fuels. SynDiesel® and SynJet® can also be very effective in that they can be blended with petroleum based diesel and jet fuels to enhance their performance.

Expander's EFT® process enhances existing gasification and Fischer-Tropsch technology by managing and retaining carbon within the system, thereby eliminating low value by-products and converting natural gas feedstock into high value synthetic fuels.

"With the surplus of natural gas in the market today, the differential between the prices of gas to synthetic diesel fuel makes this a very profitable venture. The EFT® process for GTL is complementary to our FTCrude® process for the heavy oil industry," says James Ross Expander's CEO.

We have updated our website to include a technical paper on FTCrude® written by Jan Wagner and Steve Kresnyak.

***About Expander Energy***

Expander Energy is a leading developer and licensor of processes to convert carbon sources into valuable synthetic fuels. Our engineered fuels are ultra-clean burning and complement existing transportation fuel infrastructure and current engine technologies. Our fuels increase production yield, reduce GHG emissions, and are produced from carbon rich materials such as natural gas, biomass, bitumen residuals, petcoke and municipal solid waste. We strive to deliver an alternative, drop in fuel through patented technology to provide economic growth for Alberta and Canada while being environmentally conscious. Expander Energy Inc. is a privately held energy company located in Calgary, Alberta, Canada.

**James Ross, CEO,**

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