



## **EXPANDER ENERGY PRESENTS TO WORLD HEAVY OIL CONGRESS RESULTS OF STUDY ON PARTIAL UPGRADING OF BITUMEN.**

**CALGARY, AB. (APRIL 19, 2015)** – Expander Energy’s Chief Technology Officer [Steve Kresnyak](#) and Chief Process Engineer [Jan Wagner](#) presented a major paper to the World Heavy Oil Congress held in Edmonton on March 25, 2015.

The paper [Bitumen Partial & Targeted Upgrading: The Next Step](#) , outlines how Expander’s patented [FTCrude®](#) technology can remove asphalt and heavy ends present in bitumen creating a unique high quality synthetic heavy crude oil that can be shipped without the addition of diluent.

The authors tabled the results of a recent Saskatchewan Research Council **FTCrude® PUB product evaluation** which clearly demonstrates that Expander’s partially upgraded bitumen creates a high quality product that can be tailored to specific transport and refinery requirements.

The paper also notes that a facility dedicated to partial upgrading can be constructed at a much lower capital cost than a full bitumen refinery, and therefore providing a feasible solution under current economic conditions.

“Expander’s **FTCrude®** technology is a major advancement in the processing of the “Bottom of the Barrel”, providing an environmental and economic solution to issues constraining the effective movement of Alberta bitumen to world markets.” stated Mr. Kresnyak.

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