

Tar Sands Combine Mobile Mining and Extraction Technology Update

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ABSTRACT

W. J. Lavender, President of TSC Company, will present an update on the Tar Sand Combine mobile mining and extraction technology as presented at the CHOA Conference in Calgary in November 2001, and TSC Company's plans for commercialization of the Combine technology.

Over the past three years, TSC Company has spent significant capital developing, testing and patenting a new and superior technology for the recovery of bitumen from mineable oil sands. TSC is now undertaking a small-scale commercial development as part of a phased program to demonstrate its breakthrough technology. The program, which has received considerable interest and support from the industry, will address the capabilities of the three key components individually by operating in a continuous production mode. Each component will be introduced in a step-wise fashion while at the same time increasing throughput from about 5,000 bpcd to the full Combine capacity of 25,000 bpcd.

TSC technology's lower costs and high recovery efficiencies can significantly enhance the economic viability of oil sands mining projects in Canada while minimizing the impact on the environment, with lower GHG emissions and much lower water consumption.