

SALT CAVERN STORAGE AT FORT SASKATCHEWAN, ALBERTA, CANADA

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ABSTRACT

In the last 15 years the Fort Saskatchewan, Alberta area has been developed into a major center for storage of high vapour pressure hydrocarbon products. This has been made possible by the extensive salt beds underlying the general area and the subsequent development of salt caverns.

Products currently stored include ethane, ethylene, propane, butanes, diesel fuel and natural gas.

This paper will review the geology of the area, cavern development and current plant operations.