

The main pipeline terminal at Edmonton has ten crude oil feeder lines, varying in length from Interprovincial's 32-mile extension to Redwater to the 1,240-mile line of Peace River Oil. Other companies forming part of this important collector system, with their total length, daily capacity, and direction in relation to Edmonton are the following: Canadian Industrial Gas and Oil, 82 miles, 15,000 bbl, running southeast; Federated, 647 miles, 281,000 bbl, from the northwest; Great Canadian Oil Sands, 266 miles, 50,000 bbl, north-northeast; Gulf Alberta, 410 miles, 73,000 bbl, south-southeast; Imperial, 378 miles, 72,000 bbl, southwest; Pembina, 931 miles, 180,000 bbl, west-southwest; Rainbow, 692 miles, 225,000 bbl, northwest; and Texaco Exploration Canada, 173 miles, 130,000 bbl, south.

In addition, three pipelines are connected to the Interprovincial at Hardisty, some 100 miles southeast of Edmonton. Here, Gibson Petroleum Company Ltd. delivers up to 15,000 b/d of oil from fields just south of the pipeline terminal. Husky Pipeline Ltd. operates a multiple-line system in which one line is used to transport condensate from Hardisty to mix with the heavy asphaltic crude found at Lloydminster. The condensate-crude blend is returned to Hardisty through eight- and ten-inch lines having a total capacity of 77,000 b/d. The third pipeline connection, Bow River Pipe Lines Ltd. with a capacity of 34,000 b/d, carries crude from the most southerly oilfields in Alberta, near Taber. Home Oil Company Limited operates a pipeline serving refineries in the Calgary area with oil from fields north of the city; the line also has connections with the Rangeland pipeline which, in turn, is linked to the Texaco line going north to Edmonton.

Trans Mountain has a second receiving terminal in Alberta at Edson where the Peace River pipeline makes deliveries to Trans Mountain from fields to the north. In British Columbia, Westcoast Petroleum Ltd. carries crude over a distance of 500 miles from fields near Fort St. John in the northeastern part of the province to the Trans Mountain pipeline at Kamloops; this line has a capacity of 66,500 b/d.

Four main pipeline systems carry crude oil from Saskatchewan fields to the Interprovincial pipeline. Largest of these is the Westspur Pipe Line Company - Producers Pipelines Ltd. network, with a capacity of 175,000 b/d, which delivers crude from the important southeast Saskatchewan producing area to the Interprovincial terminal at Cromer, Man., and also carries crude delivered to it by Trans-Prairie Pipelines, Ltd. from fields in the Midale area of southeast Saskatchewan. In 1970, a twin line 100 miles in length was built for Murphy Oil Company Ltd. from Lone Rock in the Lloydminster field to Kerrobert, Sask. on the Interprovincial trunk line. A four-inch line carries condensate from the Interprovincial line at Kerrobert to Lone Rock where it is blended with heavy crude oil from the Lloydminster field to make it light enough for transport by pipeline. A 10-inch line then returns the blend to the Kerrobert pumping station where it enters the Interprovincial main line for transport east. The South Sask. Pipe Line Company, with a capacity of 115,000 b/d, takes medium-gravity crude from fields near Swift Current in southwest Saskatchewan to the Interprovincial pipeline at Regina. The fourth system is the Gulf Saskatchewan Pipe Line Limited, with a capacity of 10,000 b/d, which carries oil from the Coleville-Dodsland area to Interprovincial's terminal at Kerrobert.

The Manitoba System of Trans-Prairie Pipelines, Ltd. is the only pipeline in Manitoba serving the producing fields in the general area of Virden. It carries crude to the Interprovincial terminal at Cromer and has a capacity of 27,000 b/d.

Interprovincial Pipe Line Company's system is Canada's longest oil pipeline. It incorporates a wholly owned subsidiary in the United States, Lakehead Pipe Line Company Incorporated, and has a right-of-way length of 2,747 miles including a 95-mile lateral to Buffalo, New York. In 1971, 81 miles of 20-inch loop, in two sections, were added to its main line between Sarnia and the Welland Canal. Additional pumping units added in 1971 increased mainline capacity of the system to 1,308,000 b/d out of Cromer, Man.

Interprovincial serves 51 refineries; three at Edmonton; one at Lloydminster via the Husky pipeline; one at Moose Jaw via B-A Saskatchewan pipeline from Stony Beach; two at Regina; two at Winnipeg via Winnipeg pipeline from Gretna; 35 in the United States either directly or through connecting carriers; three at Sarnia; two at Oakville; one at Clarkson; and one at Port Credit.

The system of Trans Mountain Pipe Line Company Ltd. extends from Edmonton to Vancouver via Jasper and has a right-of-way length of 780 miles, including a section of 57 miles in the United States which belongs to a wholly owned subsidiary of Trans Mountain.