

these feeder lines are impressive in themselves not only in size of pipe and in length of route but in the volumes of oil that they transport. Most of the feeder lines are in Alberta, which is to be expected because of the pre-eminent position of that province in oil production. Two significant additions were made in 1966. A 266-mile, 16-inch pipeline was completed from the Great Canadian Oil Sands Limited project near Fort McMurray to Edmonton. Starting late in 1967, this line will carry the first shipments of synthetic crude oil recovered from the Athabasca 'Tar' sands at the rate of 45,000 bbl. daily. In northwestern Alberta, Rainbow Pipe Line Company, Ltd. completed the initial 235 miles of 20-inch pipeline from the important new Rainbow Lake producing area to the Mitsue Pipe Line at Utikuma Lake. Construction of an additional 184 miles of 24-inch line to connect with Interprovincial at Edmonton, and 59 miles of 20-inch line from Rainbow Lake north to the Zama Lake area, are scheduled for completion in the spring of 1967. Initial capacity of the line will be 50,000 bbl. daily, with ultimate capacity rated at 250,000 bbl. daily.

The main pipeline terminal at Edmonton has eight crude oil feeder lines, including the Interprovincial extension to Redwater but excluding the Rainbow line, as follows:—

<i>Pipeline</i>	<i>Length</i>	<i>Capacity</i>	<i>General Area of Supply Related to Edmonton</i>
	miles	bbl./day	
Britamoil Pipe Line Co. Ltd.	410	60,000	south-southeast
Federated Pipe Lines Ltd.	517	151,000	northwest
Imperial Pipe Line Co. Ltd.	311	78,400	southwest
Interprovincial Pipe Line Co.	31	110,000	northeast
Pamoil Ltd. (Edmonton Pipe Line Div.)	82	15,000	southeast
Peace River Oil Pipe Line Co. Ltd.	704	73,000	northwest
Pembina Pipe Line Ltd.	920	154,000	west-southwest
Texaco Exploration Company	173	111,000	south

In addition, three pipelines are connected to the Interprovincial at Hardisty, some 100 miles southeast of Edmonton. Here, Gibson Associated Oil Ltd. makes deliveries of up to 15,000 bbl. daily of oil from fields just south of the pipeline terminal. Husky Pipe Line Ltd. takes deliveries of condensate and delivers a blended crude, incorporating the light condensate received and the heavy Lloydminster asphaltic crude. The Husky pipeline is a twin line system carrying the condensate to Lloydminster in one line and returning the blended oil in the other line, which has a capacity of 15,000 bbl. daily. The third pipeline connection, Bow River Pipe Line Ltd., carries crude from the most southerly oil fields in Alberta, near Taber; this line has a capacity of 18,000 bbl. daily. Home Oil 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. Also serving Calgary is the oldest pipeline in Alberta operated by Valley Pipe Line Company, which carries crude from the historically important Turner Valley in quantities up to 15,000 bbl. daily.

The Trans Mountain pipeline also 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, the Western Pacific Products-Crude Oil Pipelines Ltd. carries crude over a distance of 500 miles from fields near Fort St. John in northeastern British Columbia to the Trans Mountain pipeline at Kamloops; this line has a capacity of 45,000 bbl. daily.

Three main pipeline systems carry crude oil from Saskatchewan fields to the Interprovincial pipeline. The largest is the Westspur Pipe Line Company-Producers Pipelines Ltd. network which delivers crude from the important southeast Saskatchewan producing area across the Saskatchewan-Manitoba border to the Interprovincial terminal at Cromer. Capacity of this system to Cromer is 175,000 bbl. daily. The Westspur-Producers line also carries crude delivered to it by Trans-Prairie Pipelines Ltd. from fields in the Midale area of southeast Saskatchewan. In southwest Saskatchewan, the South Saskatchewan Pipe Line Company takes medium-gravity crude from fields near Swift Current to the Interprovincial pipeline at Regina; this pipeline has a capacity of 70,000 bbl. daily.