



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 9, No. 5

Price \$2.00 per year

OIL PIPE LINE TRANSPORT

May, 1959

Net deliveries of oil from Canadian pipe lines rose to 23,563,380 barrels in May from 20,771,730 barrels in the corresponding month last year an increase of 13 p.c. The average delivery of 760,109 barrels per day compares with 670,056 barrels in May 1958 and 775,469 in April. Barrel miles at 8,070 million were 11 p.c. above the 1958 figure of 7,256 but almost 6 p.c. below the 8,567 recorded for April. The average length of haul rose to 240.0 miles from 231.9 last year.

For the five months ended May 31, net deliveries totalled 130,368,416 barrels compared with 112,897,339 in the corresponding period last year, an increase of 15.5 p.c. Provincial deliveries, in barrels, for the five months were as follows (1958 data in brackets): British Columbia 13,229,442 barrels (13,869,776); Alberta 9,150,731 (5,965,650); Saskatchewan 8,403,380 (6,580,393); Manitoba 41,869,648 (36,617,157); Ontario 20,536,145 (17,923,005); and Quebec 37,179,070 (31,941,358). Included in Manitoba deliveries were 37,480,591 barrels (32,022,610) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to Table 4.

During the month of May gathering systems handled an average of 428,287 barrels per day as compared with 379,363 barrels in May 1958 and 439,667 in April this year. Trunk line deliveries averaged 1,084,555 barrels per day as against 977,464 last year and 1,142,973 in April.

Net receipts for the month increased 9.5 p.c. to 23,349,617 barrels from 21,319,394 in May last year. Comprising the current month's receipts were 9,153,024 barrels of Alberta crude and 48,663 barrels of Alberta natural gasoline, 3,421,516 barrels of Saskatchewan crude, 402,594 barrels of Manitoba crude, 6,851,187 barrels of imported crude and 3,472,633 barrels of refinery products.

Employment and earnings were down in May with 1,576 employees earning \$771,866 as against 1,681 employees earning \$773,723 one year ago.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company, and the Goliad Oil and Gas Company, and employee data of the Amurex Oil Development Company, Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Peace River Oil Pipe Line Company, Ltd., and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first five months of 1959, per table 6	211,547,926
Received into Trunk Lines from other Canadian Pipe Lines	80,030,801
"Net Received" into Canadian Pipe Line Systems	131,517,126
"Net Received" into Trunk Systems per table 1	61,049,941
"Net Received" into Gathering Systems per table 2	70,467,184
Total Delivered out of Systems - all companies - during first five months of 1959 per table 6	214,914,382
Delivered to other Canadian Pipe Lines	84,545,966
"Net Delivered" from Canadian Pipe Line Systems	130,368,416
"Net Delivered" from Trunk Systems per table 1	128,181,881
"Net Delivered" from Gathering Systems per table 2	2,186,535

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for May, and are given herewith:

OIL BALANCE - ALL COMPANIES - May 31, 1959

	Barrels
Total Shippers Balances - January 1, 1959	10,578,165
Total Carriers Balances - January 1, 1959	1,068,896
Received into Gathering Systems January 1 to May 31, 1959	74,098,409
Received into Trunk Systems January 1 to May 31, 1959	187,934,885
Total oil accountable for period	273,680,355
Delivered from Gathering Systems January 1 to May 31, 1959	74,086,637
Delivered from Trunk Systems January 1 to May 31, 1959	187,681,888
Balance to be accounted for at May 31, 1959	11,911,830
Oil consumed as fuel and losses January 1 to May 31, 1959 ..	177,010
Balance on hand - May 31, 1959	11,734,820
Total Shippers Balances - May 31, 1959	10,496,594
Total Carriers Balances - May 31, 1959	1,238,226

The Interprovincial Pipe Line Company operates almost 1,700 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba. In addition to this, the company operates 166 miles of line which enters Canada from the United States at Sarnia and extends to Port Credit in Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and other points in Ontario via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with April, 1958, the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines is shown below.

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson, Port Credit and Bronte	Delivered at Sarnia
	Barrels	Barrels	Barrels
May, 1958	2,749,672	1,294,810	185,363
April, 1959	3,737,041	1,941,112	137,290
May, 1959	3,164,876	1,497,380	153,295

TABLE 1

OIL^a CARRIED BY PIPE LINES - TRUNK

	May 1959	April 1959	May 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received* (2+3+4+5)</u>	33,444,670	34,348,666	30,581,454	187,934,885
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	9,538,263	8,612,439	7,164,810	46,354,143
3. Other pipe lines - Gathering	5,043,956	5,175,626	5,041,859	28,764,349
4. Trunk	9,021,982	9,192,090	3,321,676	51,266,452
5. <u>Net Received (6+7+8)</u>	10,840,469	11,368,461	10,053,109	61,049,941
6. Originating on own trunk lines	3,728,221	4,348,946	3,334,344	22,801,838
7. Received from foreign pipe line connections	6,851,187	6,814,082	6,439,200	37,202,207
8. Received from other carriers (rail & truck)	261,061	205,433	279,565	1,045,896
9. <u>Total Delivered* (10+11)</u>	33,621,218	34,289,197	30,301,379	187,681,888
10. Less: Delivered to other Canadian trunk lines	11,070,066	11,334,497	9,729,242	59,500,007
11. <u>Net Delivered (12+13+14)</u>	22,551,152	22,954,690	20,572,137	128,181,881
12. Terminated on own trunk lines	15,405,328	15,645,152	13,994,800	86,825,532
13. Delivered to foreign pipe line connections	7,071,975	7,261,112	6,550,963	40,960,899
14. Delivered to other carriers (truck, rail & water)	73,849	48,426	26,374	395,450

TABLE 2

OIL^b CARRIED BY PIPE LINES - GATHERING

	May 1959	April 1959	May 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	13,264,379	13,199,284	11,737,208	74,098,409
16. Less: Received from other gathering systems	755,231	730,027	470,923	3,631,225
17. <u>Net Received (18+19)</u>	12,509,148	12,469,257	11,266,285	70,467,184
18. Originating on own gathering system	12,224,879	12,237,106	11,052,864	63,886,856
19. Received from other carriers (rail & truck)	284,269	232,151	213,421	1,580,328
20. <u>Total Delivered* (21+22+23)</u>	13,276,900	13,190,019	11,760,254	74,086,637
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,538,263	8,612,489	7,164,810	46,854,143
22. Other pipe lines	3,726,406	4,268,154	4,395,851	25,045,959
23. <u>Net Delivered (24+25)</u>	1,012,231	309,376	199,593	2,186,535
24. Terminated on gathering systems	914,227	204,153	89,167	1,640,267
25. Delivered to other carriers (rail & truck)	98,004	105,223	110,426	546,268

^a Includes natural gasoline and refinery products.

* Includes duplications.

^b Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		May 1959	April 1959	May 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,004,541	8,729,948	7,646,279	51,588,436
"	- Trunk	428,210	400,869	396,108	2,159,928
Saskatchewan	- Gathering	3,102,013	3,324,756	3,098,097	16,822,221
"	- Trunk	319,503	218,692	247,159	1,173,502
Manitoba	- Gathering	402,594	414,553	521,909	2,056,527
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,267,339	2,792,167	1,855,307	14,191,004
Quebec (3)	- Trunk	7,825,417	7,956,733	7,554,535	43,525,507
Net Received	- Gathering	12,509,148	12,469,257	11,266,285	70,467,184
" "	- Trunk	10,840,469	11,368,461	10,053,109	61,049,941
" "	- Total	23,349,617	23,837,718	21,319,394	131,517,125

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		May 1959	April 1959	May 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,663,759	2,347,895	2,256,884	13,229,442
Alberta (1)	- Gathering	968,270	247,108	132,354	1,834,207
"	- Trunk	1,136,622	860,372	1,136,817	7,316,524
Saskatchewan	- Gathering	43,961	62,268	67,239	352,328
"	- Trunk	1,480,138	1,528,876	950,611	8,051,052
Manitoba	- Trunk	7,138,250	7,497,207	6,853,928	41,869,648
Ontario (2)	- Trunk	3,240,142	3,940,994	2,942,706	20,536,145
Quebec	- Trunk	6,892,241	6,779,346	6,431,191	37,179,070
Net Delivered	- Gathering	1,012,231	309,376	199,593	2,186,535
" "	- Trunk	22,551,152	22,954,690	20,572,137	128,181,881
" "	- Total	23,563,383	23,264,066	20,771,730	130,368,416
" "	- Daily average	760,109	775,469	670,056	863,367
Includes deliveries to U.S. pipe lines, Grt. Man.		6,474,188	6,780,339	5,953,090	37,480,591
Includes exports -					
via Trans Mountain Oil Pipe Line Company		597,787	480,773	597,873	3,480,308
via Interprovincial Pipe Line Company		1,499,401	1,668,273	1,685,747	8,503,074

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		May 1959	April 1959	May 1958	YEAR TO DATE 1959
Barrels Handled - Daily Average					
Gathering Systems	Barrels	428,287	439,667	379,363	490,640
Trunk Lines	"	1,084,555	1,142,973	977,464	1,242,926
Total Barrel Miles (Trunk Lines)	Millions	8,070	8,567	7,256	47,429
Average Miles Per Barrel (Trunk Lines)	Miles	240.0	249.8	231.9	252.7
Employees and Earnings (6)		1,576	1,548	1,681	1,554
Average Number (4)	No.	771,886	766,131	773,723	3,824,306
Total Salaries and Wages	\$	72,859	70,610	72,960	349,788
Man-Hours Worked by Wage Earners (5) (6)		Hours			

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Goliad Oil and Gas Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES
May, 1959

	Imperial Pipe Line Company, Ltd.	Inter- provincial Pipe Line Company	Montreal Pipe Line Company, Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				- Barrels -			
<u>Total Received into System</u>							
This month May, 1959	2,214,657	8,908,619	6,851,187	2,634,778	3,212,051	(2) 13,544,263	37,415,555
This year (5 months)	13,904,462	51,481,984	37,202,207	13,179,135	16,305,814	(3) 79,474,324	211,547,926
<u>Total Delivered out of System</u>							
This month May, 1959	2,211,470	8,982,812	6,892,241	2,663,759	3,203,459	(4) 14,406,114	38,359,855
This year (5 months)	13,903,278	51,147,627	37,179,070	13,229,442	16,286,156	(5) 83,168,809	214,914,382
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month May, 1959	71,338	-	-	-	103,388	253,561	428,287
This year (5 months)	92,075	-	-	-	107,808	290,757	490,640
<u>Trunk Lines</u>							
This month May, 1959	-	289,768	222,330	85,928	103,337	383,192	1,084,555
This year (5 months)	-	338,726	246,219	87,612	107,885	462,514	1,242,926
<u>Total Barrel Miles (Trunk Lines)</u>				Miles			
<u> in millions</u>							
This month May, 1959	-	4,322	486	1,815	223	1,224	8,070
This year (5 months)	-	27,296	2,623	8,918	1,132	7,460	47,429
<u>Average Miles per Barrel (Trunk Lines)</u>							
This month May, 1959	-	452.0	70.5	681.0	69.5	103.0	240.0
This year (5 months)	-	457.0	70.5	674.0	69.5	106.8	252.7
OPERATING REVENUES 1959				Dollars			
Three months ended Mar. 31	751,519	8,685,257	826,440	3,437,294	1,485,811	(7) 7,502,354	22,688,675
Six months " June 30							
Nine months " Sept. 31							
Twelve months " Dec. 31							
EMPLOYEES AND EARNINGS				Number			
Employees May, 1959	136	432	53	219	143	(6) 593	1,576
<u>Salaries and Wages</u>				Dollars			
This month May, 1959	65,340	213,879	25,787	112,298	67,103	(6) 277,459	771,866
This year (5 months)	324,905	1,053,401	125,123	606,234	342,646	(6) 1,371,997	3,824,306
<u>Man hours Worked by Wage Earners</u>				Hours			
This month May, 1959	14,378	660	6,264	-	14,015	(6) 37,542	72,859
This year (5 months)	73,098	3,207	30,263	-	70,470	(6) 172,750	349,788

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,472,633 bbls. products and 48,663 bbls. natural gasoline.

(3) Includes 21,716,163 bbls. products and 246,853 bbls. natural gasoline.

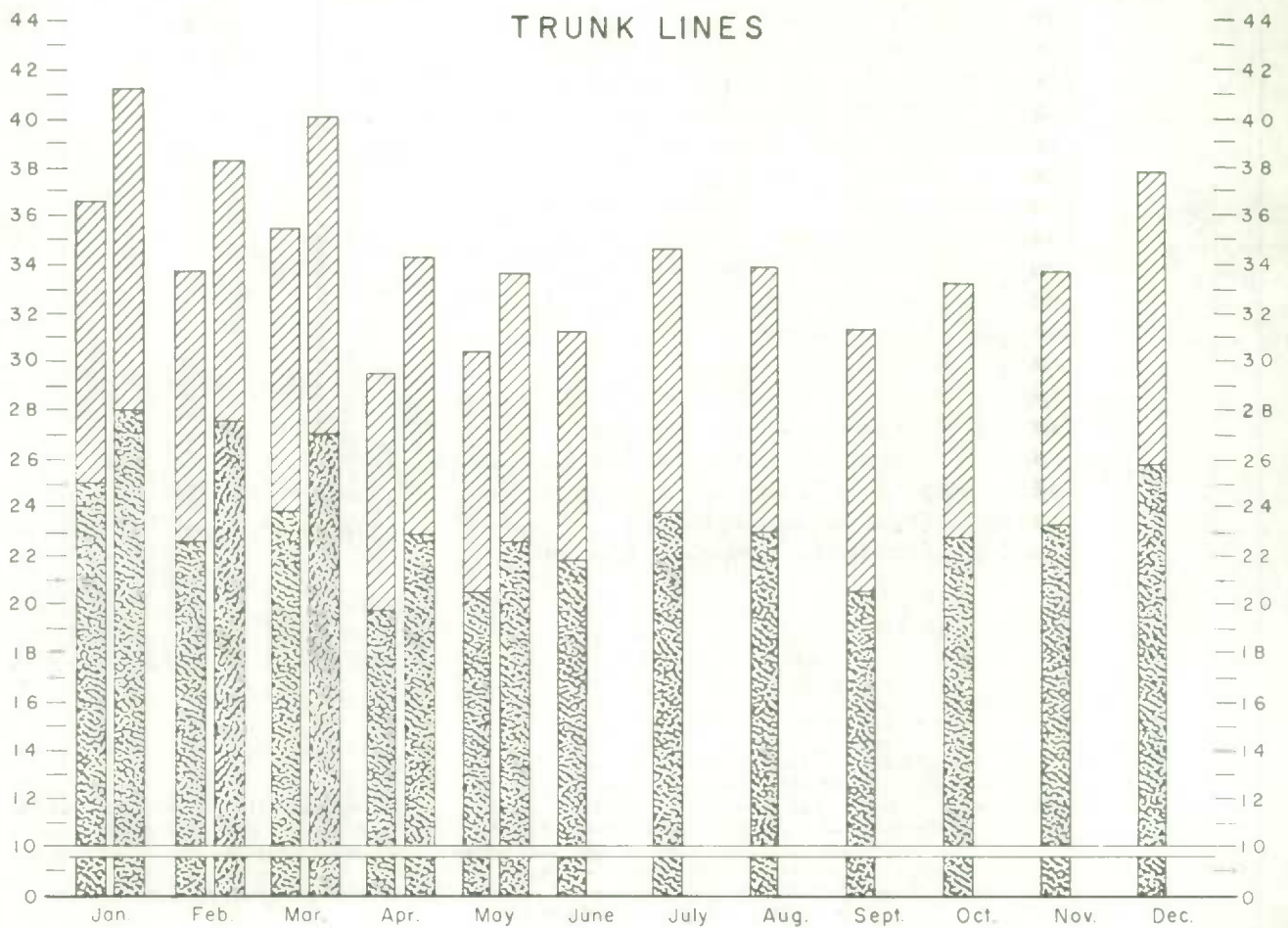
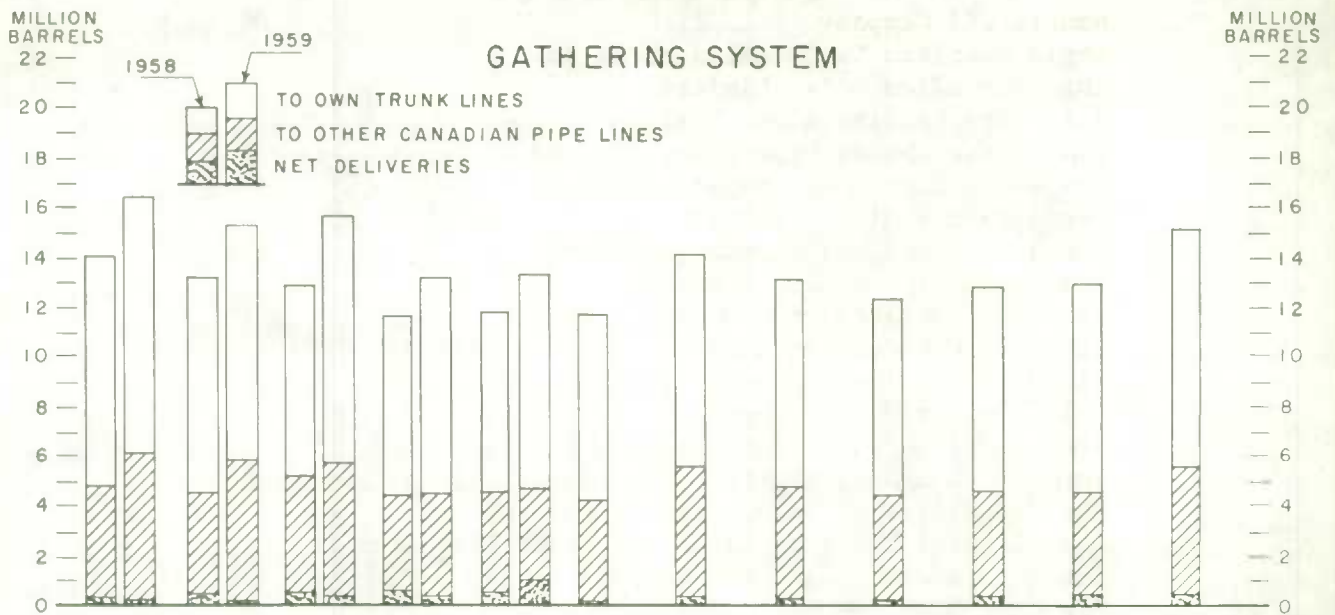
(4) Includes 3,354,141 bbls. products and 46,764 bbls. natural gasoline.

(5) Includes 21,130,191 bbls. products and 247,985 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Goliad Oil and Gas Company; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westpur Pipe Line Company.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Goliad Oil and Gas Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1958 AND 1959



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Federated Pipe Lines, Limited
Gibson Associated Oil Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Gibson Petroleum Company, Limited
Goliad Oil and Gas Company
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

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