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OIL PIPE LINE TRANSPORT

Price \$2.00 per year

September, 1959

Net deliveries of oil through Canadian pipe lines rose 24.9 p.c. in September, increasing to 25,803,162 barrels from 20,650,834 in the corresponding month last year. The daily average delivery of 860,105 barrels compared with 688,631 in September 1958 and 816,491 barrels in the previous month. Barrel miles, at 10,353 million, were 43.1 p.c. above the 7,237 million reported in September 1958 and 11.5 p.c. above the 9,285 million in August of this year. The average length of haul rose to 268.9 miles from 231.6 miles last year, an increase of 16.1 p.c.

Net deliveries for the nine month period ended September 30, 1959 from both gathering and trunk lines amounted to 230,440,073 barrels, 13.8 p.c. above the 202,531,197 barrels reported for the same period last year. Provincial deliveries in barrels for January - September were as follows (1958 data in brackets): British Columbia 26,693,740 (23,105,355); Alberta 16,637,221 (12,554,529); Saskatchewan 14,427,531 (12,254,089); Manitoba 75,467,061 (66,081,262); Ontario 33,530,644 (30,986,686) and Quebec 63,683,876 (57,549,276). Included in Manitoba deliveries were 67,309,736 barrels (58,141,896) 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.

Gathering systems handled an average of 533,984 barrels per day during September as compared with 411,799 barrels per day in the previous year and 497,815 barrels in August, 1959. Trunk lines handled 1,283,982 barrels per day, an increase of 23.3 p.c. over the September average of 1,041,476 barrels.

Net receipts for the month of September totalled 25,702,618 barrels, increasing 20.9 p.c. from 21,259,809 barrels reported in 1958. Comprising the current months receipts were 11,395,105 barrels of Alberta crude, 46,888 barrels of natural gasoline, 3,911,999 barrels of Saskatchewan crude, 413,354 barrels of Manitoba crude, 6,279,629 barrels of imported crude and 3,655,643 barrels of refinery products.

Operating revenues for the nine month period increased 14.1 p.c. to \$65,062,612 from \$57,029,647 one year earlier.

Employment and wages were down from the previous year with 1,592 employees earning \$788,436 in September as against 1,664 employees earning \$794,781 in September, 1958.

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

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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.

	Barrels
Total Received into Systems - all companies -	
during first nine months of 1959 per table 6	379,050,526
Received into Trunk Lines from other Canadian Pipe Lines	147,162,323
"Net Received" into Canadian Pipe Line Systems	231,888,203
"Net Received" into Trunk Systems per table 1	103,706,700
"Net Received" into Gathering Systems per table 2	128,181,503
Total Delivered out of Systems - all companies -	
during first nine months of 1959 per table 6	385,136,416
Delivered to other Canadian Pipe Lines	154,696,343
"Net Delivered" from Canadian Pipe Line Systems	230,440,073
"Net Delivered" from Trunk Systems per table 1	224,951,743
"Net Delivered" from Gathering Systems per table 2	5,488,330

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 September and are given herewith:

OIL BALANCE - ALL COMPANIES - September 30, 1959

	Barrels	
Total Shippers' Balances - January 1, 1959	10,578,165	
Total Carriers' Balances - January 1, 1959	1,068,896	11,647,061
Received into Gathering Systems January 1 to September 30, 1959	134,861,016	
Received into Trunk Systems January 1 to September 30, 1959	335,783,396	470,644,412
Total oil accountable for period		482,291,473
Delivered from Gathering Systems January 1 to September 30, 1959 ...	134,878,652	
Delivered from Trunk Systems January 1 to September 30, 1959	335,172,137	470,050,789
Balance to be accounted for at September 30, 1959		12,240,684
Oil consumed as fuel and losses January 1 to September 30, 1959		247,876
Balance on hand - September 30, 1959		11,993,604
Total Shippers' Balances - September 30, 1959	10,833,975	
Total Carriers' Balances - September 30, 1959	1,159,633	

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 Trafalgar	Delivered at Sarnia
	Barrels	Barrels	Barrels
September, 1958	3,089,817	851,284	461,887
August, 1959	4,487,671	2,101,319	159,604
September, 1959	4,482,981	1,742,478	134,413

TABLE 1

OIL^a CARRIED BY PIPE LINES - TRUNK

	September 1959	August 1959	September 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
1. Total Received* (2+3+4+5)	38,406,822	37,770,290	31,618,784	335,783,396
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	9,975,749	9,709,137	7,876,918	84,914,373
3. Other pipe lines - Gathering	6,147,309	5,970,502	5,454,282	52,633,993
4. Trunk	11,845,085	11,186,540	8,763,892	94,528,330
5. Net Received (6+7+8)	10,438,679	10,904,111	9,523,692	103,706,700
6. Originating on own trunk lines	3,937,738	3,855,016	3,363,864	37,863,371
7. Received from foreign pipe line connections	6,279,629	6,781,827	5,874,903	63,717,644
8. Received from other carriers (rail & truck)	221,312	267,268	284,925	2,125,705
9. Total Delivered* (10+11)	38,519,454	37,520,853	31,244,280	335,172,117
10. Less: Delivered to other Canadian trunk lines	13,535,618	12,828,335	10,724,460	110,220,394
11. Net Delivered (12+13+14)	24,983,836	24,692,518	20,519,820	224,951,743
12. Terminated on own trunk lines	15,382,930	15,272,273	13,926,934	147,214,043
13. Delivered to foreign pipe line connections	9,540,596	9,357,484	6,553,381	77,092,763
14. Delivered to other carriers (truck, rail & water)	60,310	62,761	39,505	644,997

TABLE 2

OIL^b CARRIED BY PIPE LINES - GATHERING

	September 1959	August 1959	September 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	16,012,570	15,414,387	12,314,580	134,861,016
16. Less: Received from other gathering systems	748,631	797,763	578,463	6,679,513
17. Net Received (18+19)	15,263,939	14,616,624	11,736,117	128,181,503
18. Originating on own gathering system	14,934,096	14,320,029	11,515,122	125,417,504
19. Received from other carriers (rail & truck)	329,843	296,595	220,995	2,763,999
20. Total Delivered* (21+22+23)	16,019,522	15,432,253	12,353,966	134,878,621
Less: Delivered to other pipe lines -				
21. Own Trunk system	9,975,749	9,709,137	7,876,918	84,914,373
22. Other pipe lines	5,224,447	5,104,405	4,346,034	44,475,949
23. Net Delivered (24+25)	819,326	618,711	131,014	5,488,300
24. Terminated on gathering systems	687,881	485,592	60,758	4,412,775
25. Delivered to other carriers (rail & truck)	131,445	133,119	70,256	1,075,525

^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		September 1959	August 1959	September 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,256,013	10,507,473	8,009,314	93,126,160
"	- Trunk	426,076	409,246	382,727	3,817,874
Saskatchewan	- Gathering	3,594,572	3,667,428	3,259,335	31,265,423
"	- Trunk	317,427	359,402	306,969	2,660,094
Manitoba	- Gathering	413,354	441,723	467,468	3,789,920
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,133,084	1,862,714	1,713,018	22,157,636
Quebec (3)	- Trunk	7,562,092	8,272,749	7,120,978	75,071,096
Net Received	- Gathering	15,263,939	14,616,624	11,736,117	128,181,503
" "	- Trunk	10,438,679	10,904,111	9,523,692	103,706,700
" "	- Total	25,702,618	25,520,735	21,259,809	231,888,203

TABLE 4

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

Province		September 1959	August 1959	September 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,947,038	2,793,831	1,687,924	26,693,740
Alberta (1)	- Gathering	746,883	534,731	103,664	4,820,058
"	- Trunk	938,986	1,197,460	1,289,933	11,817,163
Saskatchewan	- Gathering	72,443	83,980	27,350	668,272
"	- Trunk	1,579,706	1,656,553	1,571,585	13,759,259
Manitoba ^b	- Trunk	8,848,226	8,830,869	7,140,719	75,467,061
Ontario (2)	- Trunk	3,419,085	3,353,547	2,964,058	33,530,644
Quebec	- Trunk	6,250,795	6,860,258	5,865,601	63,683,876
Net Delivered	- Gathering	819,326	618,711	131,014	5,488,330
" "	- Trunk ^d	24,983,836	24,692,518	20,519,820	224,951,743
" "	- Total	25,803,162	25,311,229	20,650,834	230,440,073
" "	- Daily average	860,105	816,491	688,361	844,103
^b	Includes deliveries to U.S. pipe lines, Grctna, Man.	7,923,322	7,842,076	6,232,218	67,309,736
^d	Includes exports -				
	via Trans Mountain Oil Pipe Line Company	1,617,274	1,515,408	321,163	9,782,967
	via Interprovincial Pipe Line Company	1,400,957	1,486,119	1,464,416	14,799,923

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		September 1959	August 1959	September 1958	YEAR TO DATE 1959
Barrels Handled - Daily Average					
Gathering Systems	Barrels	533,984	497,815	411,799	494,061
Trunk Lines	"	1,283,982	1,210,350	1,041,476	1,227,737
Total Barrel Miles (Trunk Lines)	Millions	10,353	9,285	7,237	85,257
Average Miles Per Barrel (Trunk Lines)	Miles	268.9	247.4	231.6	254.4
Employees and Earnings (6)					
Average Number (4)	No.	1,592	1,595	1,664	1,574
Total Salaries and Wages	\$	788,436	805,288	794,781	7,008,921
Man-Hours Worked by Wage Earners (5) (6)	Hours	74,768	71,180	70,559	639,344

(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.; Collied Oil and Gas Company; Imperial Oil Limited; Sarnia Products Pipe Line; Key Pipe Line Company, Ltd.; Mid-Saskatchewan Pipe Lines, Ltd.; Mobil Oil of Canada, Ltd.; Nisku Products Pipe Line Company, Ltd.; Peace River Oil Pipe Line Company, Ltd.; and Valley Pipe Line Company, Ltd.

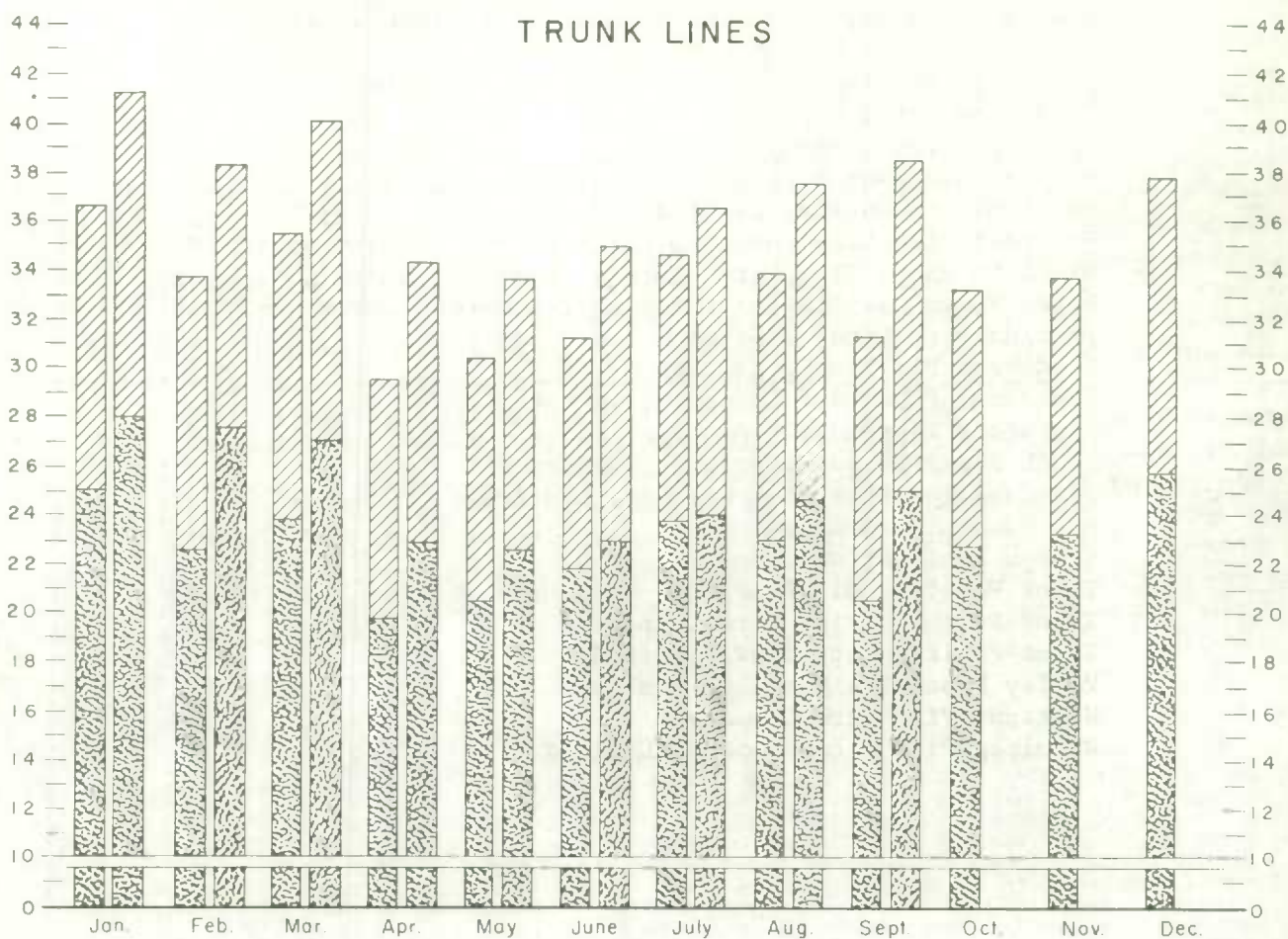
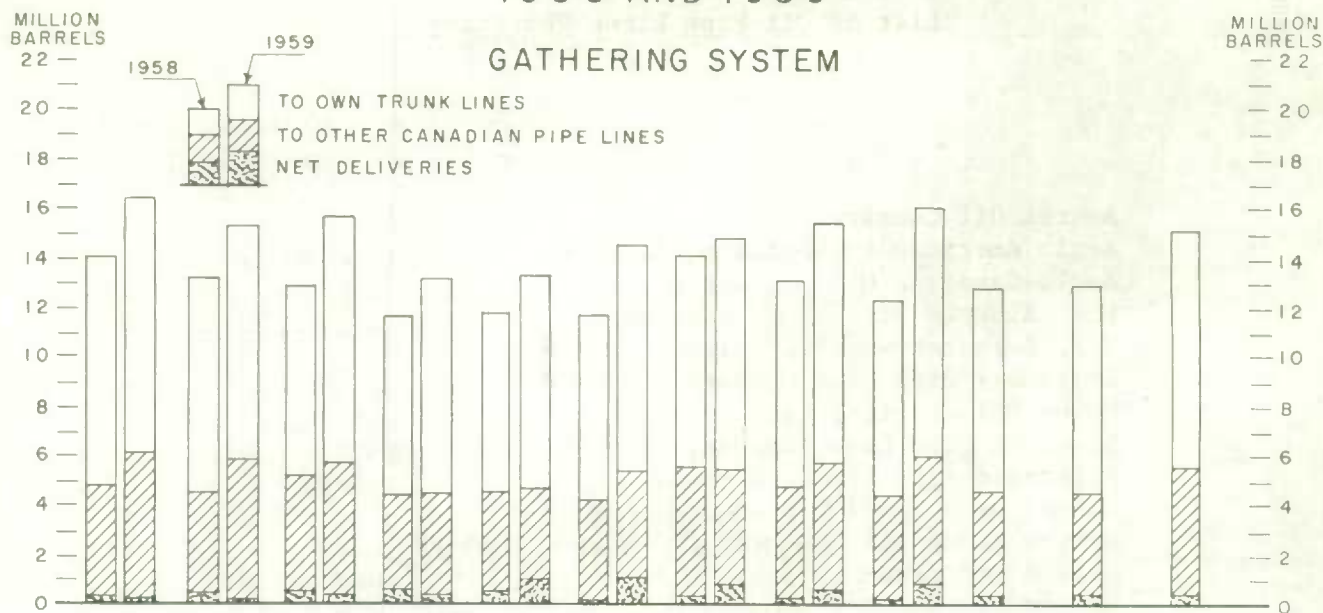
TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES
September, 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*							
<u>Total Received into System</u>							
This month September, 1959	3,145,687	10,909,320	6,279,629	4,076,465	3,089,243	(2) 16,194,668	43,695,012
This year (9 months)	25,116,393	92,759,462	63,717,624	26,977,874	28,317,299	(3) 142,161,874	379,050,526
<u>Total Delivered out of System</u>							
This month September, 1959	3,152,919	11,157,392	6,250,795	3,947,038	3,088,453	(4) 16,966,630	44,563,227
This year (9 months)	25,128,014	92,439,309	63,683,876	26,693,740	28,340,330	(5) 148,851,147	385,136,416
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month September, 1959	105,097	-	-	-	103,037	325,850	533,984
This year (9 months)	92,044	-	-	-	130,644	298,373	494,061
<u>Trunk Lines</u>							
This month September, 1959	-	371,913	208,360	131,568	102,948	469,193	1,283,982
This year (9 months)	-	338,606	233,274	97,779	103,811	454,267	1,227,737
<u>Total Barrel Miles (Trunk Lines)</u>							
<u>in millions</u>							
This month September, 1959	-	5,559	441	2,643	215	1,495	10,353
This year (9 months)	-	47,623	4,493	17,952	1,972	13,217	85,257
<u>Average Miles per Barrel (Trunk Lines)</u>							
This month September, 1959	-	471.0	70.6	670.0	69.6	106.2	268.9
This year (9 months)	-	482.0	70.6	673.0	69.6	106.6	254.4
OPERATING REVENUES 1959							
<u>Dollars</u>							
Three months ended Mar. 31	751,519	8,685,257	826,440	3,437,294	1,485,811	(6) 7,657,067	22,843,388
Six months " June 30	1,313,632	15,676,403	1,531,925	6,884,345	2,894,578	(6) 14,461,323	42,762,206
Nine months " Sept. 31	1,973,764	23,373,327	2,214,523	11,195,308	4,253,022	(6) 22,052,668	65,062,612
Twelve months " Dec. 31							
EMPLOYEES AND EARNINGS							
<u>Number</u>							
Employees, September, 1959	121	443	53	225	143	(7) 607	1,592
<u>Dollars</u>							
This month September, 1959	61,203	225,379	26,482	125,756	68,956	(7) 280,660	788,436
This year (9 months)	574,721	1,962,914	233,548	1,104,585	627,188	(7) 2,505,965	7,008,921
<u>Man hours Worked by Wage Earners</u>							
<u>Hours</u>							
This month September, 1959	13,320	383	6,248	583	13,564	(7) 40,670	74,768
This year (9 months)	126,721	5,478	57,258	583	124,532	(7) 324,772	639,344

- * Totals include duplication between companies.
 (1) See list of reporting companies on page 7.
 (2) Includes 3,655,643 bbls. products and 46,888 bbls. natural gasoline.
 (3) Includes 35,621,997 bbls. products and 431,049 bbls. natural gasoline.
 (4) Includes 3,532,159 bbls. products and 47,135 bbls. natural gasoline.
 (5) Includes 34,156,039 bbls. products and 429,182 bbls. natural gasoline.
 (6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Goliad Oil and Gas Company; Green River Exploration Company; Imperial Oil, Limited; Sarnia Products Pipe Line and Mobile Oil of Canada Limited.
 (7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Goliad Oil and Gas Company; Imperial Oil Limited, 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.

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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