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PIPE LINES (OIL) STATISTICS

MARCH, 1958

Deliveries of oil from Canadian pipe lines continued to lag behind last year. Net deliveries for March were down by 7.3 p.c., dropping to 24,042,401 barrels from 25,940,239* in March, 1957. This was an average of 775,561 barrels per day as against 836,782 in the previous year. Barrel miles fell to 8,910 million from 10,837 in March 1957 and the average length of haul decreased by 17.0 p.c. to 243.6 miles from 293.6

For the first quarter ended March 31, total net deliveries from both gathering and trunk lines dropped 6.4 p.c. to 72,050,645 barrels from 77,000,621 in the same period last year. Provincial deliveries, in barrels, for the first three months of the year were as follows (1957 data in brackets): British Columbia, 9,196,211 (16,756,543); Alberta, 3,487,657 (3,047,445); Saskatchewan, 4,249,428 (4,590,066); Manitoba, 23,158,422 (19,309,949); Ontario, 11,750,429 (13,046,322); and Quebec, 20,208,498 (20,250,296). Included in Manitoba deliveries were 20,201,684 (16,570,623) transferred to the Lakehead Pipe Line Company at Grenna, 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 447,558 barrels per day as compared with 465,302 in March, 1957, while trunk line deliveries dropped by 3.8 p.c. to a daily average of 1,142,339 barrels from 1,187,329.

Net receipts for the month decreased 7.3 p.c. to 24,296,476 barrels from 26,205,684 in the corresponding month last year. March receipts were comprised of 9,575,885 barrels of Alberta crude and 49,816 barrels of Alberta natural gasoline, 3,587,144 barrels of Saskatchewan crude, 512,964 barrels of Manitoba crude, 6,672,157 barrels of imported crude and 3,898,510 barrels of refinery products.

Employees numbered 1,662, exactly the same as in March 1957. Earnings however, rose by 5.6 p.c. to \$772,788 from \$731,612.

Operating revenues for the first quarter of the year were down by \$2,816,866, or 12.2 p.c., dropping to \$20,338,249 from \$23,155,115 in the corresponding period of 1957.

Producers Pipelines, Limited has been added to the list of reporting companies. Previously, the operations of this company were included with those of its subsidiary, the Westspur Pipe Line Company.

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 employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

* Revised.

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

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

	<u>Barrels</u>
Total Received into Systems - all companies - during first three months of 1958, per table 6	120,419,679
Received into Trunk Lines from other Canadian Pipe Lines	45,955,905
"Net Received" into Canadian Pipe Line Systems	74,463,774
"Net Received" into Trunk Systems per table 1	34,083,192
"Net Received" into Gathering Systems per table 2	40,380,582
 Total Delivered out of Systems - all companies - during first three months of 1958, per table 6	 120,356,804
Delivered to other Canadian Pipe Lines	48,306,159
"Net Delivered" from Canadian Pipe Line Systems	72,050,645
"Net Delivered" from Trunk Systems per table 1	71,541,539
"Net Delivered" from Gathering Systems per table 2	509,106

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 March and are given herewith:

OIL BALANCE - ALL COMPANIES - March 31, 1958

	<u>Barrels</u>	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to March 31, 1958	40,966,455	
Received into Trunk Systems January 1 to March 31, 1958	106,469,232	147,435,687
Total oil accountable for period		158,646,216
Delivered from Gathering Systems January 1 to March 31, 1958	41,049,854	
Delivered from Trunk Systems January 1 to March 31, 1958	105,737,414	146,787,268
Balance to be accounted for at March 31, 1958		11,858,948
Oil consumed as fuel and losses January 1 to March 31, 1958		117,342
Balance on hand - March 31, 1958		11,741,606
Total Shippers Balances - March 31, 1958	10,637,175	
Total Carriers Balances - March 31, 1958	1,104,431	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line has now been extended to Clarkson, 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 Clarkson 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 on Canadian oil pipe line statistics. However, commencing with the current report, 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 at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
March, 1957	3,596,038	-	508,767
February, 1958	3,008,204	1,489,790	237,316
March, 1958	3,155,481	1,611,215	220,539

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	March 1958	February 1958	March 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	35,449,609	34,342,653	36,377,532	106,469,232
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,651,610	8,570,154	8,719,479	26,430,135
3. Other pipe lines - Gathering	5,831,175	5,363,977	4,494,168	16,477,552
4. Trunk	9,818,941	9,428,059	11,341,236	29,478,353
5. <u>Net Received (6+7+8)</u>	11,147,883	10,980,463	11,822,649	34,083,192
6. Originating on own trunk lines	4,204,724	4,026,239	4,622,113	12,851,050
7. Received from foreign pipe line connections	6,672,157	6,609,630	6,756,625	20,240,745
8. Received from other carriers (rail & truck)	271,002	344,594	443,911	991,397
9. <u>Total Delivered * (10+11)</u>	35,412,501	33,704,066	36,807,201	105,737,414
10. Less: Delivered to other Canadian trunk lines	11,565,838	11,093,175	11,066,634	34,195,875
11. <u>Net Delivered (12+13+14)</u>	23,846,663	22,610,891	25,740,567	71,541,539
12. Terminated on own trunk lines	15,513,093	15,100,586	16,766,662	47,249,708
13. Delivered to foreign pipe line connections	8,303,737	7,468,724	7,514,199	24,136,188
14. Delivered to other carriers (truck, rail & water)	29,833	41,581	1,459,706	155,643

TABLE 2

OIL^g CARRIED BY PIPE LINES - GATHERING

	March 1958	February 1958	March x 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	13,734,466	13,178,293	14,383,035	40,966,455
16. Less: Received from other gathering systems	585,873	-	-	585,873
17. <u>Net Received (18+19)</u>	13,148,593	13,178,293	14,383,035	40,380,582
18. Originating on own gathering system	12,932,442	13,005,917	14,131,418	39,813,395
19. Received from other carriers (rail & truck)	216,151	172,376	251,617	567,187
20. <u>Total Delivered * (21+22+23)</u>	13,874,299	13,141,513	14,424,347	41,049,854
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,651,610	8,570,154	8,719,479	26,430,464
22. Other pipe lines	5,026,951	4,406,896	5,505,196	14,110,284
23. <u>Net Delivered (24+25)</u>	195,738	164,463	199,672	509,106
24. Terminated on gathering systems	101,247	94,578	84,001	256,285
25. Delivered to other carriers (rail & truck)	94,491	69,885	115,671	252,821

f Includes natural gasoline and refinery products.
 * Includes duplications.
 g Includes natural gasoline.
 x Revised.

TABLE 3

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

Province		March 1958	February 1958	March x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,268,185	9,762,109	11,859,259	29,304,427
"	- Trunk	428,633	383,800	536,143	1,246,182
Saskatchewan	- Gathering	3,367,444	2,951,301	2,016,598	9,578,557
"	- Trunk	219,700	320,308	365,382	889,277
Manitoba	- Gathering	512,964	464,883	507,178	1,497,598
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,478,380	2,324,031	2,412,981	7,439,324
Quebec (3)	- Trunk	8,021,170	7,952,324	8,508,143	24,508,409
Net Received	- Gathering	13,148,593	13,178,293	14,383,035	40,380,582
"	- Trunk	11,147,883	10,980,463	11,822,649	34,083,192
"	- Total	24,296,476	24,158,756	26,205,684	74,463,774

TABLE 4

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

Province		March 1958	February 1958	March x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,071,139	2,664,648	5,914,614	9,196,211
Alberta (1)	- Gathering	134,607	123,871	125,733	360,054
"	- Trunk	991,868	912,025	911,128	3,127,603
Saskatchewan	- Gathering	61,131	40,592	73,939	149,052
"	- Trunk	1,401,922	1,326,866	1,598,597	4,100,376
Manitoba ^b	- Trunk	7,870,477	7,458,642	6,333,762	23,158,422
Ontario (2)	- Trunk	3,857,322	3,648,794	4,176,077	11,750,429
Quebec	- Trunk	6,653,935	6,599,916	6,806,389	20,208,498
Net Delivered	- Gathering	195,738	164,463	199,672	509,106
"	- Trunk ^f	23,846,663	22,610,891	25,740,567	71,541,539
"	- Total	24,042,401	22,775,354	25,940,239	72,050,645
"	- Daily Average	775,561	813,406	836,782	800,563
^b Includes deliveries to U.S. pipe lines, Gretna, Man.		6,977,290	6,473,187	5,389,617	20,201,684
^f Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		1,326,447 2,074,860	995,537 1,842,570	3,562,001 1,864,172	3,934,504 5,672,129

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		March 1958	February 1958	March x 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	447,558	469,340	465,302	456,109
Trunk Lines	"	1,142,339	1,203,717	1,187,329	1,174,860
Total Barrel Miles (Trunk Lines)*	Millions	8,910	8,050*	10,837*	25,989
Average Miles Per Barrel (Trunk Lines)	Miles	243.6	231.0	293.6	238.0
Employees and Earnings (6)					
Average Number (4)	No.	1,662	1,659	1,662	554
Total Salaries and Wages	\$	772,788	764,869	731,612	2,317,474
Man-Hours Worked by Wage Earners (5) (6)	Hours	71,040	65,300	79,121	211,273

(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., 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., Sarnia Products Line, Valley Pipe Line Company, Ltd. and Westspur Pipe Line Company.

* Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).

x Revised.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

March, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				<u>Barrels</u>			
<u>Total Received into System</u>							
This month March, 1958	2,675,963	9,661,553	6,672,157	2,994,203	3,031,739	(2) 14,910,977	39,946,592
This year (3 months)	8,940,438	28,648,166	20,240,745	9,384,444	9,063,567	(3) 44,142,319	120,419,679
<u>Total Delivered out of System</u>							
This month March, 1958	2,701,577	9,725,305	6,653,935	3,071,139	2,940,473	(4) 15,542,761	40,635,190
This year (3 months)	8,937,067	28,443,154	20,208,498	9,196,211	8,864,255	(5) 44,707,619	120,356,804
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month March, 1958	87,148	-	-	-	97,564	262,846	447,558
This year (3 months)	99,301	-	-	-	100,309	256,499	456,109
<u>Trunk Lines</u>							
This month March, 1958	-	313,720	214,643	99,069	94,854	420,053	1,142,339
This year (3 months)	-	316,035	224,539	102,180	98,492	433,614	1,174,860
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							
This month March, 1958	-	4,741	490	2,064	204	1,411	(8) 8,910
This year (3 months)	-	13,314	1,490	6,199	616	4,370	(8) 25,989
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month March, 1958	-	458.0	73.7	672.0	69.5	108.3	243.6
This year (3 months)	-	439.0	73.7	674.0	69.5	111.9	238.0
OPERATING REVENUES				<u>Dollars</u>			
Three Months ending Mar. 31, 1958	740,332	6,851,428	692,787	4,022,400	1,195,323	(7) 6,835,979	20,338,249
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				<u>Number</u>			
Number of Employees March, 1958	154	411	50	267	166	(6) 614	1,662
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month March, 1958	66,951	201,357	22,886	135,526	70,764	(6) 275,304	772,788
This year (3 months)	201,873	610,285	70,344	404,324	217,825	(6) 812,823	2,317,474
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month March, 1958	17,370	328	6,081	-	15,346	(6) 31,915	71,040
This year (3 months)	52,246	736	18,068	400	45,953	(6) 93,870	211,273

* Totals include duplication between companies.

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

(2) Includes 3,898,510 bbls. products and 49,816 bbls. natural gasoline.

(3) Includes 11,944,316 bbls. products and 154,273 bbls. natural gasoline.

(4) Includes 3,927,397 bbls. products and 45,227 bbls. natural gasoline.

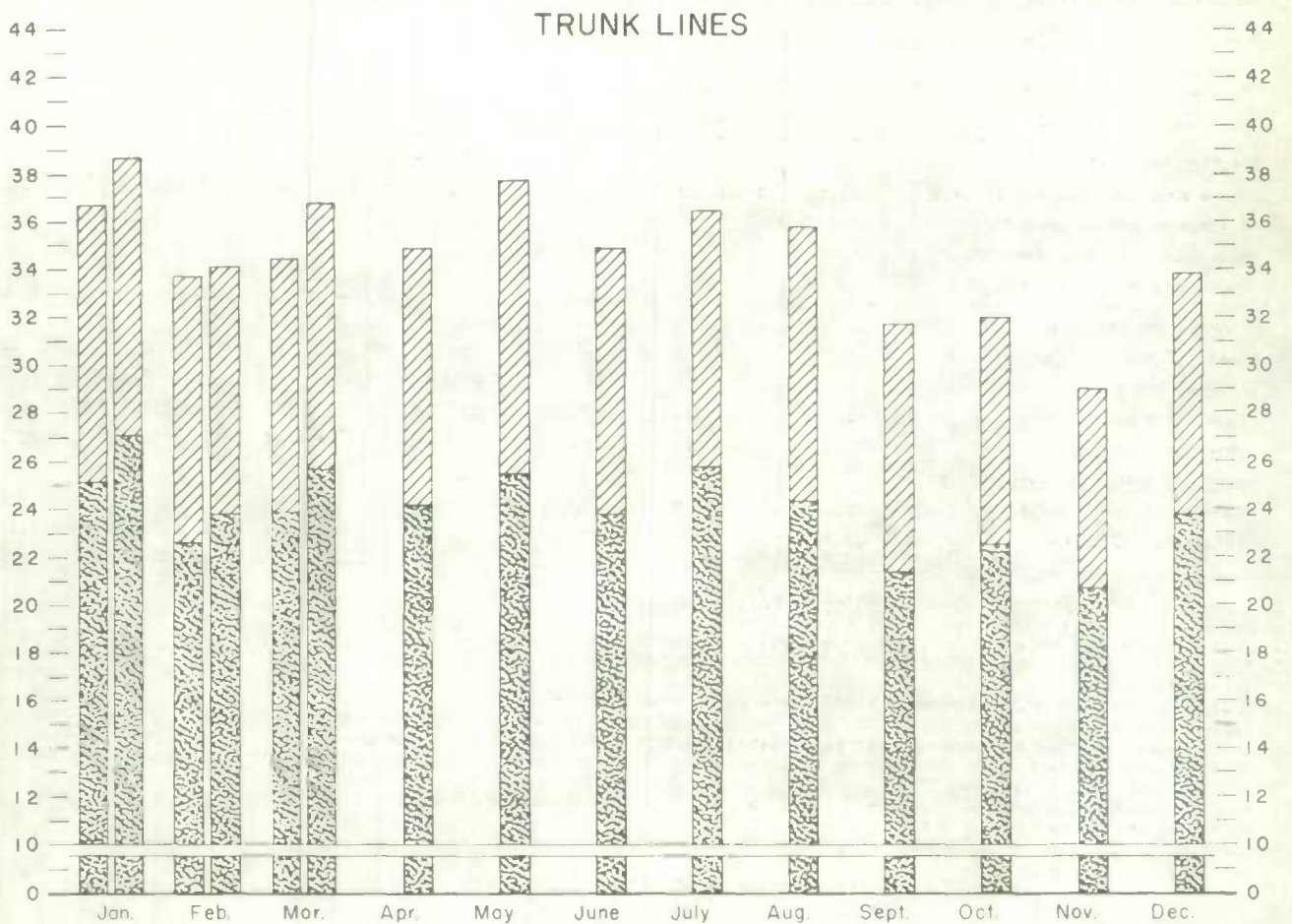
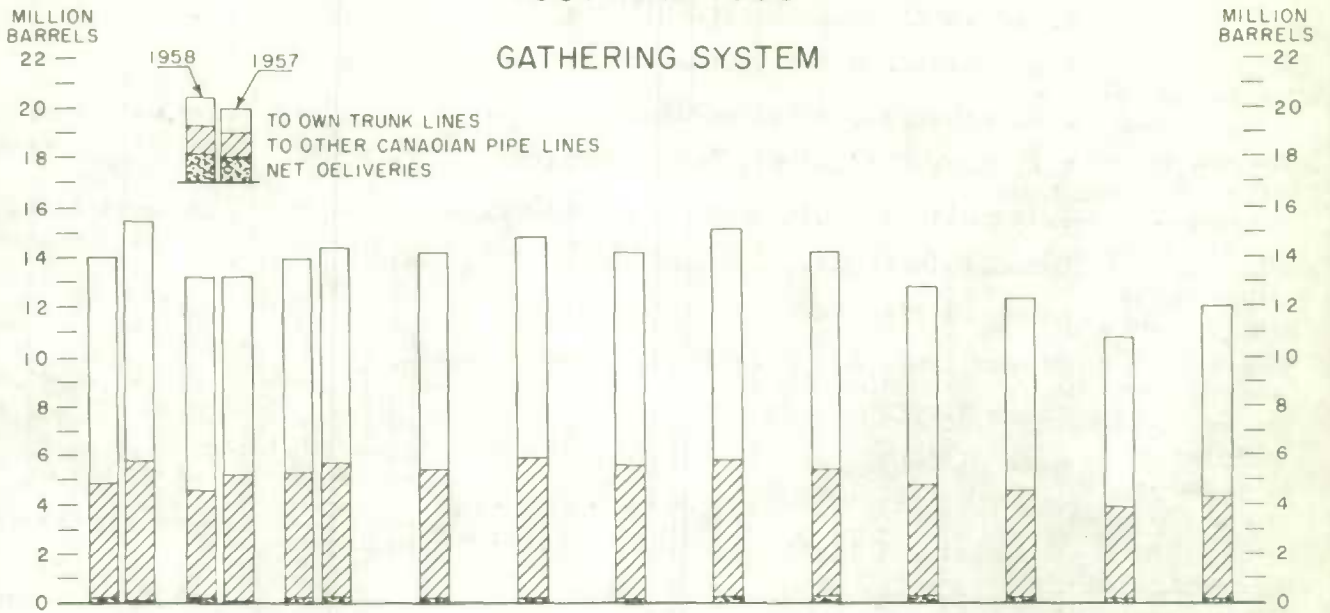
(5) Includes 11,988,505 bbls. products and 149,275 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; 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 Westspur Pipe Line Company.

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

(8) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958



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
Gibson Crude Oil Purchasing Company, Limited
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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