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OIL PIPE LINE TRANSPORT

March, 1959

Net deliveries of oil from Canadian pipe lines totalled 27,331,138 barrels in March, a drop from both January and February of this year but well above the peak month of any previous year. The average net delivery of 881,650 barrels per day was 11 p.c. below February's average of 995,492 barrels but almost 14 p.c. above the daily average of 775,561 recorded for March last year. Barrel miles rose to 9,880 million from 8,910 in March 1958 and the length of haul increased to 246.1 miles from 243.6.

For the three months ended March 31 net deliveries totalled 83,540,967 barrels as against 72,050,645 in the same period last year, an increase of 15.9 p.c. Provincial deliveries for the period, in barrels, were as follows (1958 data in brackets): British Columbia, 8,217,788 (9,196,211); Alberta, 5,938,359 (3,487,657); Saskatchewan, 5,288,137 (4,249,428); Manitoba, 27,234,191 (23,158,422); Ontario, 13,355,009 (11,750,429), and Quebec, 23,507,483 (20,208,498). Included in Manitoba deliveries were 24,226,064 (20,201,684) 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 505,774 barrels per day during March, almost 6 p.c. above the average for March 1958 but 8 p.c. below the previous month. Trunk lines averaged 1,294,962 barrels, an increase of 13 p.c. over the previous year's figure but 5.5 p.c. below last month.

Net receipts for March totalled 27,840,066 barrels, an increase of 14.6 p.c. over the 24,296,467 barrels received in the corresponding month last year. Receipts for the month were comprised of 10,713,416 barrels of Alberta crude and 47,277 barrels of Alberta natural gasoline, 4,060,383 barrels of Saskatchewan crude, 437,238 barrels of Manitoba crude, 8,220,417 barrels of imported crude and 4,361,335 barrels of refinery products.

Operating revenues for the first quarter of 1958 were up by \$2,350,426 or 11.6 p.c., rising to \$22,688,675 from \$20,338,249 in the same period last year.

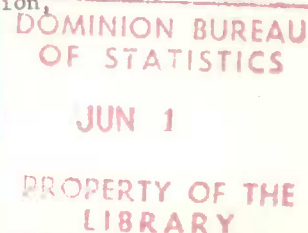
Employees numbered 1,549 in March and earned \$769,260, as compared with 1,662 employees earning \$771,788 in March, 1958.

Since the beginning of the year two additional lines have commenced reporting. These are the Federated Pipe Lines Ltd., gathering crude oil in the Swan Hills area of Alberta, and the Goliad Oil and Gas Company which gathers raw mix in the Pembina field for processing and transports the finished product by pipe line to rail terminal.

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,
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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 three months of 1959, per table 6	135,926,937
Received into Trunk Lines from other Canadian Pipe Lines	51,597,147
"Net Received" into Canadian Pipe Line Systems	84,329,790
"Net Received" into Trunk Systems per table 1	38,841,011
"Net Received" into Gathering Systems per table 2	45,488,779
Total Delivered out of Systems - all companies - during first three months of 1959 per table 6	137,687,810
Delivered to other Canadian Pipe Lines	54,146,843
"Net Delivered" from Canadian Pipe Line Systems	83,540,967
"Net Delivered" from Trunk Systems per table 1	82,676,039
"Net Delivered" from Gathering Systems per table 2	864,928

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, 1959

	Barrels
Total Shippers Balances - January 1, 1959	10,578,165
Total Carriers Balances - January 1, 1959	1,068,396
Received into Gathering Systems January 1 to March 31, 1959	47,634,746
Received into Trunk Systems January 1 to March 31, 1959	120,141,549
Total oil accountable for period	179,423,356
Delivered from Gathering Systems January 1 to March 31, 1959	47,619,718
Delivered from Trunk Systems January 1 to March 31, 1959	119,771,483
Balance to be accounted for at March 31, 1959	12,032,155
Oil consumed as fuel and losses January 1 to March 31, 1959 ..	125,292
Balance on hand - March 31, 1959	11,906,853
Total Shippers Balances - March 31, 1959	10,773,798
Total Carriers Balances - March 31, 1959	1,133,065

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
March 1958	3,155,481	1,611,215	220,539
February 1959	3,462,198	2,551,106	191,916
March 1959	3,616,081	2,261,076	186,396

TABLE 1

OIL^a CARRIED BY PIPE LINES - TRUNK

	March 1959	February ^x 1959	March 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received* (2+3+4+5)</u>	40,125,652	38,705,986	35,449,609	120,141,549
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	9,929,597	9,509,167	8,651,610	29,703,391
3. Other pipe lines - Gathering	6,300,665	6,000,936	5,831,175	18,544,767
4. Trunk	10,910,177	10,775,671	9,318,941	33,052,380
5. Net Received (6+7+8)	12,985,213	12,420,212	11,147,883	38,841,011
6. Originating on own trunk lines	4,566,786	4,701,210	4,204,724	14,724,671
7. Received from foreign pipe line connections	8,220,417	7,523,436	6,672,157	23,536,938
8. Received from other carriers (rail & truck)	198,010	195,566	271,002	579,402
9. <u>Total Delivered* (10+11)</u>	40,143,824	38,364,669	35,412,501	119,771,463
10. Less: Delivered to other Canadian trunk lines	13,140,887	10,750,048	11,565,838	37,095,444
11. Net Delivered (12+13+14)	27,002,937	27,614,621	23,846,663	82,676,039
12. Terminated on own trunk lines	18,067,650	19,076,451	15,513,093	55,775,052
13. Delivered to foreign pipe line connections	8,856,488	8,446,849	8,303,737	26,627,812
14. Delivered to other carriers (truck, rail & water)	78,799	91,321	29,833	273,175

TABLE 2

OIL^b CARRIED BY PIPE LINES - GATHERING

	March 1959	February ^x 1959	March 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	15,642,946	15,484,797	13,734,466	47,634,746
16. Less: Received from other gathering systems	788,093	655,792	585,873	2,145,967
17. Net Received (18+19)	14,854,853	14,829,005	13,148,593	45,488,779
18. Originating on own gathering system	14,540,864	14,476,561	12,932,442	44,424,871
19. Received from other carriers (rail & truck)	313,989	352,444	216,151	1,063,908
20. <u>Total Delivered* (21+22+23)</u>	15,679,009	15,445,840	13,874,299	47,619,718
Less: Delivered to other pipe lines -				
21. Own Trunk system	9,929,597	9,509,167	8,651,610	29,703,391
22. Other pipe lines	5,421,211	5,677,516	5,026,951	17,051,399
23. Net Delivered (24+25)	328,201	259,157	195,738	864,928
24. Terminated on gathering systems	184,374	149,451	101,247	521,887
25. Delivered to other carriers (rail & truck)	143,827	109,706	94,491	343,041

^a Includes natural gasoline and refinery products.

* Includes duplications.

^b Includes natural gasoline.

^x Revised

TABLE 3

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

Province		March 1959	February* 1959	March 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	10,566,019	11,264,293	9,268,185	33,853,947
"	- Trunk	436,824	435,861	428,633	1,330,849
Saskatchewan	- Gathering	3,851,596	3,183,959	3,367,444	10,395,452
"	- Trunk	208,787	216,031	219,700	635,307
Manitoba	- Gathering	437,238	380,753	512,964	1,239,380
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	3,053,497	2,851,405	2,478,380	9,131,498
Quebec (3)	- Trunk	9,286,105	8,916,915	8,021,170	27,743,357
Net Received	- Gathering	14,854,853	14,829,005	13,148,593	45,488,779
" "	- Trunk	12,985,213	12,420,212	11,147,883	38,841,011
" "	- Total	27,840,066	27,249,217	24,296,476	84,329,790

TABLE 4

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

Province		March 1959	February* 1959	March 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,839,526	2,619,471	3,071,139	8,217,788
Alberta (1)	- Gathering	221,705	176,083	134,607	618,829
"	- Trunk	1,323,144	2,799,718	991,868	5,319,530
Saskatchewan	- Gathering	106,496	83,074	61,131	246,099
"	- Trunk	1,617,695	1,620,993	1,401,922	5,042,038
Manitoba	- Trunk	8,925,425	8,753,985	7,870,477	27,234,431
Ontario (2)	- Trunk	4,116,905	4,248,841	3,857,322	13,355,002
Quebec	- Trunk	8,180,242	7,571,613	6,653,935	23,507,483
Net Delivered	- Gathering	328,201	259,157	195,738	864,928
" "	- Trunk	27,002,937	27,614,621	23,846,663	82,676,039
" "	- Total	27,331,138	27,873,778	24,042,401	83,540,967
" "	- Daily average	881,650	995,492	775,561	928,233
Includes deliveries to U.S. pipe lines, Gretna, Man.		7,919,198	7,773,782	6,977,290	24,226,064
Includes exports -					
via Trans Mountain Oil Pipe Line Company		937,290	673,067	1,326,447	2,401,748
via Interprovincial Pipe Line Company		1,809,417	1,713,357	2,074,860	5,335,400

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		March 1959	February* 1959	March 1958	YEAR TO DATE 1959
Barrels Handled - Daily Average					
Gathering Systems	Barrels	505,774	551,637	477,558	529,108
Trunk Lines	"	1,294,962	1,370,167	1,142,339	1,330,794
Total Barrel Miles (Trunk Lines)	Millions	9,880	9,976	8,910	30,779
Average Miles Per Barrel (Trunk Lines)	Miles	246.1	262.5	243.6	257.0
Employees and Earnings (6)					
Average Number (4)	No.	1,549	1,548	1,662	1,549
Total Salaries and Wages	\$	769,260	754,950	771,788	2,286,309
Man-Hours Worked by Wage Earners (5) (6)	Hours	67,492	66,114	71,040	206,320

(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 Oil, Ltd., Collier Oil and Gas Company, 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 and Valley Pipe Line Company, Ltd.

* Revised

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

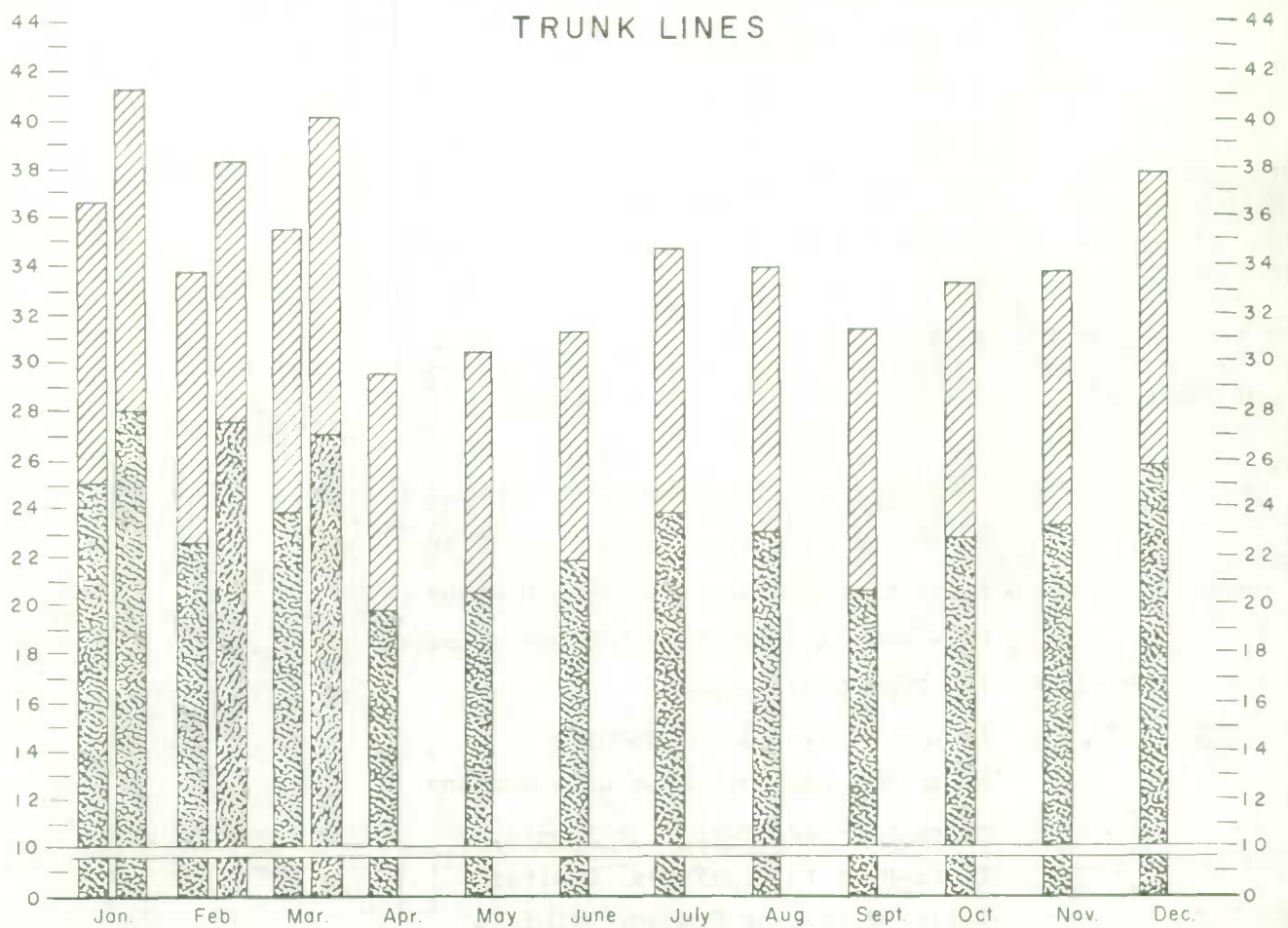
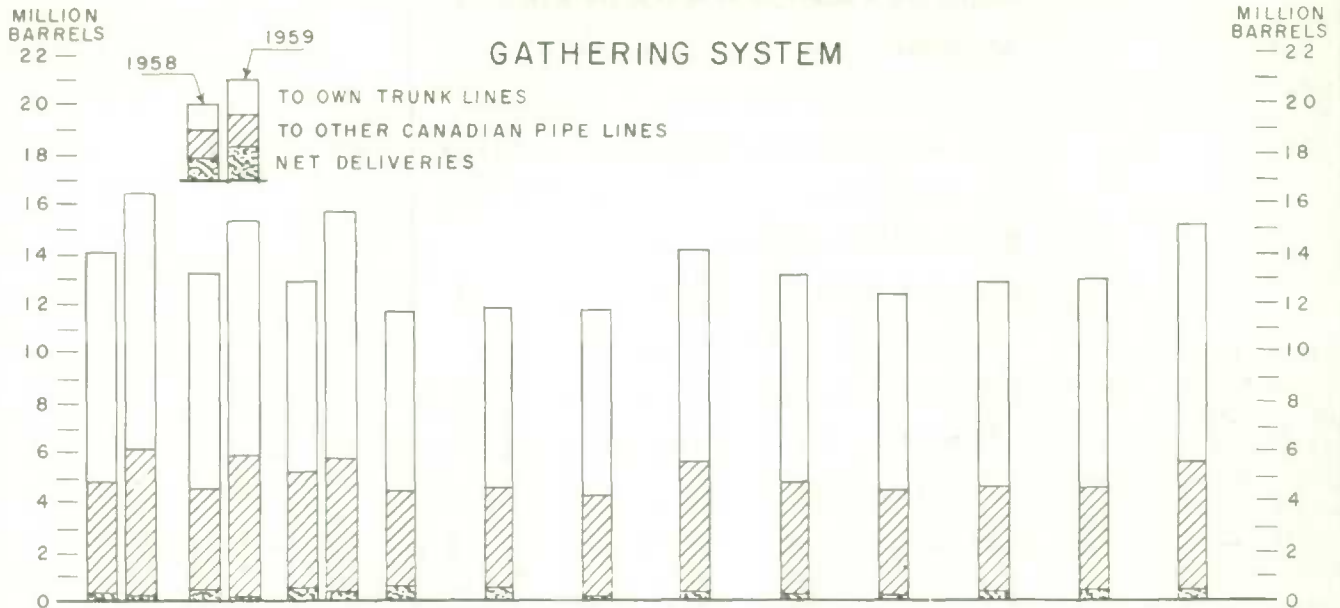
March, 1959

	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 March, 1959	2,758,890	10,674,943	8,220,417	2,930,235	3,425,014	(2) 17,041,409	45,050,908
This year (3 months)	9,628,305	33,445,651	23,536,938	8,186,032	9,870,297	(3) 51,259,714	135,926,937
<u>Total Delivered out of System</u>							
This month March, 1959	2,791,061	10,713,348	8,180,242	2,839,526	3,407,004	(4) 17,962,055	45,893,236
This year (3 months)	9,629,793	32,997,544	23,507,483	8,217,788	9,839,779	(5) 53,495,423	137,687,810
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month March, 1959	90,034	-	-	-	110,464	305,276	505,774
This year (3 months)	106,998	-	-	-	109,500	312,610	529,108
<u>Trunk Lines</u>							
This month March, 1959	-	345,592	263,879	91,598	109,903	483,990	1,294,962
This year (3 months)	-	366,639	261,194	91,309	109,331	502,321	1,330,794
<u>Total Barrel Miles (Trunk Lines)</u>				Miles			
<u>in millions</u>							
This month March, 1959	-	5,637	577	1,882	237	1,547 (8)	9,880
This year (3 months)	-	18,093	1,658	5,508	684	4,836	30,779
<u>Average Miles per Barrel (Trunk Lines)</u>							
This month March, 1959	-	492.0	70.6	663.0	69.5	103.1	246.1
This year (3 months)	-	510.0	70.6	670.0	69.5	107.0	257.0
OPERATING REVENUES 1959				Dollars		(7)	
Three months ended Mar. 31	751,519	8,685,257	826,440	3,437,294	1,485,811	7,502,354	22,688,675
Six months " June 30							
Nine months " Sept. 31							
Twelve months " Dec. 31							
EMPLOYEES AND EARNINGS				Number			
Employees, March, 1959	138	416	53	218	147	(6) 577	1,549
<u>Salaries and Wages</u>				Dollars			
This month March, 1959	68,310	210,571	25,046	122,515	67,374	(6) 275,444	769,260
This year (3 months)	195,332	624,973	74,710	360,215	207,528	(6) 823,551	2,286,309
<u>Man hours Worked by Wage Earners</u>				Hours			
This month March, 1959	15,604	794	6,113	-	14,907	(6) 30,074	67,492
This year (3 months)	44,467	2,083	17,896	-	42,302	99,572	206,320

* Totals include duplication between companies.

- (1) See list of reporting companies on page 7.
- (2) Includes 4,361,335 bbls. products and 47,277 bbls. natural gasoline.
- (3) Includes 4,106,960 bbls. products and 157,663 bbls. natural gasoline.
- (4) Includes 4,222,839 bbls. products and 50,566 bbls. natural gasoline.
- (5) Includes 13,752,832 bbls. products and 159,976 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 Westspur 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.
- (8) Includes barrel miles of short sections of line entering Canada at Sarnia.

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 Crude Oil Purchasing 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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