



DOMINION BUREAU OF STATISTICS

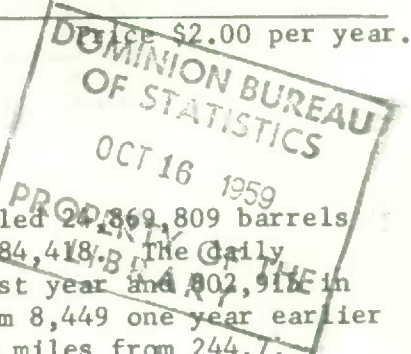
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OIL PIPE LINE TRANSPORT

July, 1959



Net deliveries of oil through Canadian pipe lines totalled 24,369,809 barrels in July, a rise of 4.1 p.c. over the July 1958 total of 23,884,418. The daily average delivery of 802,252 barrels compared with 770,465 last year and 802,911 in June, 1959. Barrel miles rose 9.8 p.c. to 9,278 million from 8,449 one year earlier while the average length of haul increased 3.9 p.c. to 254.2 miles from 244.7.

Net deliveries for the period January-July showed a rise of 13.0 p.c. to 179,325,682 barrels from 158,739,299 in 1958. Provincial deliveries, in barrels, for the seven month period were as follows (1958 data in brackets): British Columbia 19,952,871 (19,071,541); Alberta 13,219,161 (9,315,389); Saskatchewan 11,034,849 (8,959,348); Manitoba 57,787,966 (51,320,819); Ontario 26,758,012 (24,694,942); and Quebec 50,572,823 (45,377,260). Included in Manitoba deliveries were 51,544,338 barrels (45,270,321) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipeline are shown in a footnote to Table 4.

Net receipts for the month of July amounted to 24,596,047 barrels compared with 24,345,534 last year. The July receipts were comprised of 9,949,167 barrels of Alberta crude and 45,565 of Alberta natural gasoline, 4,219,380 barrels of Saskatchewan crude, 435,394 barrels of Manitoba crude, 6,448,979 barrels of imported crude and 3,497,562 barrels of refinery products.

Gathering systems handled an average 478,111 barrels per day in July, an increase of 5.1 p.c. over the July, 1958 total of 454,745 barrels but a slight decrease of 1.2 p.c. from the preceding month's average of 483,960. Trunk line deliveries at 1,177,363 barrels per day were up 5.8 p.c. from the 1,113,994 recorded in the previous year and 1.1 p.c. above the June, 1959 total of 1,165,056* barrels.

The number of employees was down 5.2 p.c. from the previous year, dropping to 1,611 from 1,700. Total salaries and wages, on the other hand, increased slightly to \$800,110, from \$797,884.

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.

* Revised

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

8504-508-79

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 seven months of 1959 per table 6	292,677,737
Received into Trunk Lines from other Canadian Pipe Lines	112,012,887
"Net Received" into Canadian Pipe Line Systems	180,664,850
"Net Received" into Trunk Systems per table 1	82,363,910
"Net Received" into Gathering Systems per table 2	98,300,940
Total Delivered out of Systems - all companies -	
during first seven months of 1959 per table 6	297,329,220
Delivered to other Canadian Pipe Lines	118,003,538
"Net Delivered" from Canadian Pipe Line Systems	179,325,682
"Net Delivered" from Trunk Systems per table 1	175,275,389
"Net Delivered" from Gathering Systems per table 2	4,050,293

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 July, and are given herewith:

OIL BALANCE - ALL COMPANIES - JULY 31, 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 July 31, 1959	103,434,059	
Received into Trunk Systems January 1 to July 31, 1959	259,606,284	363,040,343
Total oil accountable for period		374,687,404
Delivered from Gathering Systems January 1 to July 31, 1959	103,426,877	
Delivered from Trunk Systems January 1 to July 31, 1959	259,131,830	362,558,707
Balance to be accounted for at July 31, 1959		12,128,697
Oil consumed as fuel and losses January 1 to July 31, 1959.		200,470
Balance on hand - July 31, 1959		11,928,227
Total Shippers Balances - July 31, 1959	10,801,564	
Total Carriers Balances - July 31, 1959	1,126,663	

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
July, 1958	3,800,667	1,061,147	165,425
June, 1959	3,614,985	1,783,430	168,485
July, 1959	3,958,364	1,550,648	145,032

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	July 1959	June ^x 1959	July 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
1. Total Received* (2+3+4+5)	36,248,306	35,423,093	35,040,280	259,606,284
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	9,329,827	9,045,517	8,566,596	65,229,487
3. Other pipe lines - Gathering	6,004,409	5,747,424	6,279,475	40,516,182
4. Trunk	10,390,956	9,839,297	9,285,848	71,496,705
5. Net Received (6+7+8)	10,523,114	10,790,855	10,908,361	82,363,910
6. Originating on own trunk lines	3,794,994	3,473,785	3,766,083	30,070,617
7. Received from foreign pipe line connections	6,448,979	7,004,982	6,801,540	50,656,168
8. Received from other carriers (rail & truck)	279,141	312,088	340,738	1,637,125
9. Total Delivered* (10+11)	36,498,250	34,951,692	34,533,810	259,131,830
10. Less: Delivered to other Canadian trunk lines	12,468,277	11,888,157	10,799,428	83,856,441
11. Net Delivered (12+13+14)	24,029,973	23,063,535	23,734,382	175,275,389
12. Terminated on own trunk lines	14,808,713	14,924,595	15,926,298	116,558,840
13. Delivered to foreign pipe line connections	9,155,405	8,078,319	7,787,337	58,194,623
14. Delivered to other carriers (truck, rail & water)	65,855	60,621	20,747	521,926

TABLE 2

OIL^b CARRIED BY PIPE LINES - GATHERING

	July 1959	June ^x 1959	July 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	14,820,038	14,515,612	14,084,851	103,434,059
16. Less: Received from other gathering systems	747,105	754,789	647,678	5,133,119
17. Net Received (18+19)	14,072,933	13,760,823	13,437,173	98,300,940
18. Originating on own gathering system	13,756,510	13,520,013	13,225,286	96,163,379
19. Received from other carriers (rail & truck)	316,423	240,810	211,887	2,137,561
20. Total Delivered* (21+22+23)	14,821,447	14,518,793	14,097,105	103,426,877
Less: Delivered to other pipe lines -				
21. Own Trunk system	9,329,827	9,045,517	8,566,596	65,229,487
22. Other pipe lines	4,651,784	4,449,354	5,380,473	34,147,097
23. Net Delivered (24+25)	839,836	1,023,922	150,036	4,050,293
24. Terminated on gathering systems	701,453	897,582	88,343	3,239,302
25. Delivered to other carriers (rail & truck)	138,383	126,340	61,693	810,991

^f 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		July 1959	June* 1959	July 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,810,723	9,963,515	9,683,348	71,362,674
"	- Trunk	414,635	407,989	377,152	2,982,552
Saskatchewan	- Gathering	3,826,816	3,354,386	3,246,904	24,003,423
"	- Trunk	392,564	417,199	316,125	1,983,265
Manitoba	- Gathering	435,394	442,922	506,921	2,934,843
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,119,456	1,851,378	1,997,206	18,161,838
Quebec (3)	- Trunk	7,596,459	8,114,289	8,217,878	59,236,255
Net Received	- Gathering	14,072,933	13,760,823	13,437,173	98,300,940
" "	- Trunk	10,523,114	10,790,855	10,908,361	82,363,910
" "	- Total	24,596,047	24,551,678	24,345,534	180,664,850

TABLE 4

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

Province		July 1959	June* 1959	July 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,524,282	3,199,147	2,729,265	19,952,871
Alberta (1)	- Gathering	751,991	952,246	129,200	3,538,444
"	- Trunk	1,163,186	1,201,007	1,810,953	9,680,717
Saskatchewan	- Gathering	87,845	71,676	20,836	511,849
"	- Trunk	1,567,250	904,698	1,281,884	10,523,000
Manitoba ^b	- Trunk	8,093,655	7,824,663	7,718,610	57,787,966
Ontario (2)	- Trunk	3,268,492	2,953,375	3,430,569	26,758,011
Quebec	- Trunk	6,413,108	6,980,645	6,763,101	50,572,833
Net Delivered	- Gathering	839,836	1,023,922	150,036	4,050,293
" "	- Trunk [#]	24,029,973	23,063,535	23,734,382	175,275,389
" "	- Total	24,869,809	24,087,457	23,884,418	179,325,682
" "	- Daily average	802,252	802,915	770,465	845,876
^b	Includes deliveries to U.S. pipe lines, Gretna, Man.	7,221,658	6,842,089	6,928,942	51,544,338
[#]	Includes exports -				
	via Trans Mountain Oil Pipe Line Company	1,933,747	1,236,230	858,395	6,650,285
	via Interprovincial Pipe Line Company	1,686,280	1,723,513	1,753,265	11,912,867

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		July 1959	June 1959	July 1958	YEAR TO DATE 1959
Barrels Handled - Daily Average					
Gathering Systems	Barrels	478,111	483,960	454,745	487,862
Trunk Lines	"	1,177,363	1,165,056*	1,113,994	1,222,320
Total Barrel Miles (Trunk Lines)	Millions	9,278	8,911	8,449	65,619
Average Miles Per Barrel (Trunk Lines)	Miles	254.2	254.9	244.7	253.2
Employees and Earnings (6)					
Average Number (4)	No.	1,611	1,600	1,700	1,426
Total Salaries and Wages	\$	800,110	790,781	797,884	5,415,197
Man-Hours Worked by Wage Earners (5) (6)	Hours	75,960	67,650	73,504	493,399

(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 and Valley Pipe Line Company, Ltd.

* Revised

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

	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*							
Total Received into System							
This month July, 1959	2,614,843	9,741,865	6,448,979	3,576,782	2,952,225	(2) 15,656,718	40,991,412
This year (7 months)	19,191,678	70,701,163	50,656,168	20,017,046	22,126,544	(3) 109,985,138	292,677,737
Total Delivered out of System							
This month July, 1959	2,609,843	10,081,387	6,413,108	3,524,282	2,950,608	(4) 16,410,642	41,989,870
This year (7 months)	19,193,442	70,309,919	50,572,823	19,952,871	22,154,641	(5) 115,145,524	297,329,220
OPERATING STATISTICS							
Barrels Handled - Daily Average							
Gathering Lines							
This month July, 1959	84,188	-	-	-	95,126	298,797	478,111
This year (7 months)	90,535	-	-	-	104,215	293,112	487,862
Trunk Lines							
This month July, 1959	-	325,206	206,874	113,687	95,181	436,415	1,177,363
This year (7 months)	-	331,651	238,551	94,117	104,503	453,498	1,222,320
Total Barrel Miles (Trunk Lines)							
in millions							
This month July, 1959	-	4,834	452	2,347	205	1,440	9,278
This year (7 months)	-	36,825	3,568	13,453	1,540	10,233	65,619
Average Miles per Barrel (Trunk Lines)							
This month July, 1959	-	453.0	70.6	666.0	69.5	106.4	254.2
This year (7 months)	-	489.0	70.6	674.0	69.5	106.4	254.3
OPERATING REVENUES 1959							
Dollars							
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) 14,461,624	42,762,507
Nine months " Sept. 31							
Twelve months " Dec. 31							
EMPLOYEES AND EARNINGS							
Employees, July, 1959							
	126	451	56	219	141	(7) 618	1,611
Salaries and Wages							
Dollars							
This month July, 1959	66,632	224,799	27,646	124,056	67,259	(7) 289,718	800,110
This year (7 months)	454,366	1,503,505	180,334	856,377	474,884	(7) 1,945,731	5,415,197
Man hours Worked by Wage Earners							
Hours							
This month July, 1959	14,802	604	7,048	-	13,431	(7) 40,075	75,960
This year (7 months)	101,224	4,571	44,091	-	97,195	(7) 246,318	493,399

* Totals include duplication between companies.

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

(2) Includes 3,497,562 bbls. products and 45,025 bbls. natural gasoline.

(3) Includes 2,384,027 bbls. products and 338,605 bbls. natural gasoline.

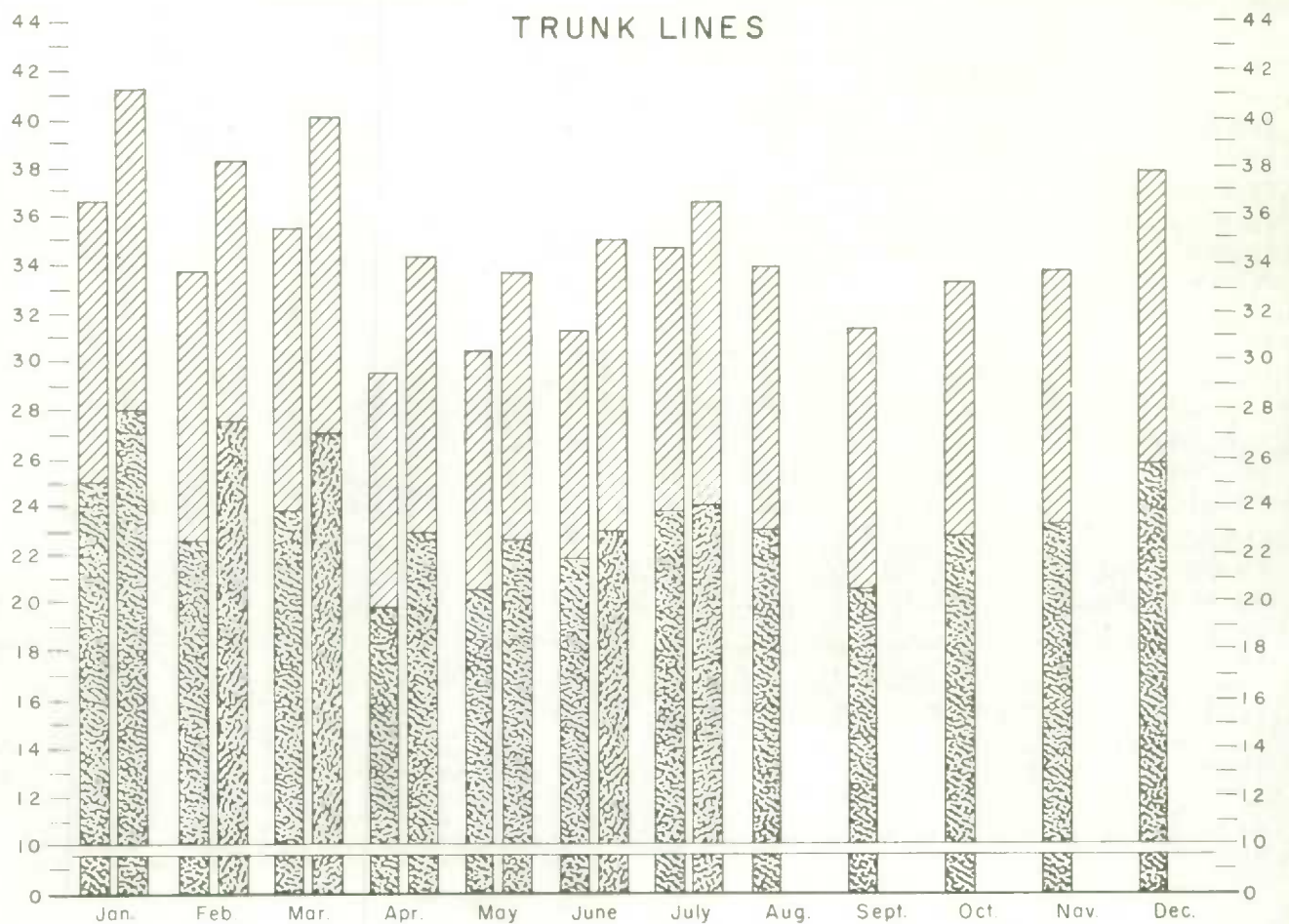
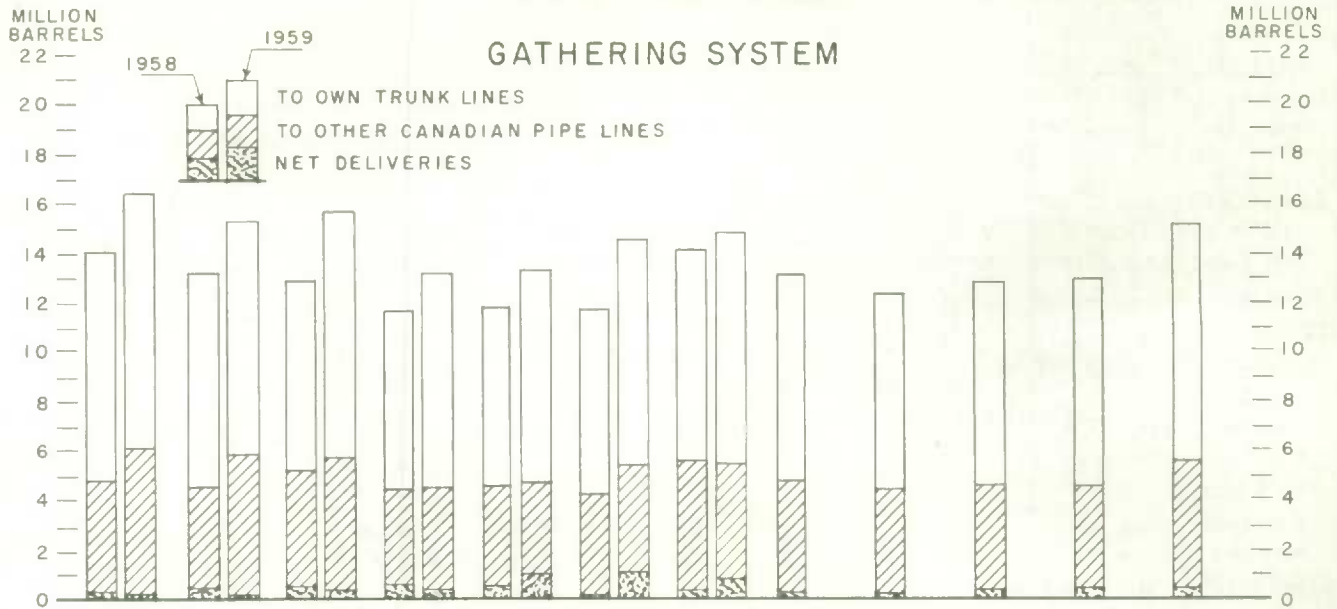
(4) Includes 3,366,676 bbls. products and 41,416 bbls. natural gasoline.

(5) Includes 2,537,882 bbls. products and 338,331 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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