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Vol. 8 No. 6

PIPE LINES (OIL) STATISTICS

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JUNE, 1958

Net deliveries of oil through Canadian pipe lines amounted to 21,957,542 barrels in June, down 8.4 p.c. from the 23,983,427 barrels recorded in June 1957, but up 5.7 p.c. from the previous month's total of 20,771,730. The daily average delivery of 731,918 barrels compared with 799,448 last June and 670,056 in May. Barrel miles declined to 7,493 million from 8,459 million one year ago, but rose 3.3 p.c. over the May figure of 7,256 million. The average length of haul at 236.3 miles compared with 241.1 last June and 231.9 in May. Exports at 2,737,047 barrels showed an increase of 19.8 p.c. over the previous month but fell short of last year's total by 30.4 p.c.

For the first half of the year total net deliveries from both gathering and trunk lines dropped 10.7 p.c. to 134,854,881 barrels from 151,068,711 reported for the corresponding period last year. Provincial deliveries, in barrels, for the first six months of the year were as follows (1957 data in brackets): British Columbia 16,342,276 (33,180,134); Alberta 7,375,236 (5,803,337); Saskatchewan 7,656,628 (8,863,978); Manitoba 43,602,209 (38,104,205); Ontario 21,264,373 (23,228,415); and Quebec 38,614,159 (41,888,642). Included in Manitoba deliveries were 38,341,379 barrels (32,732,401) 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 389,235 barrels per day in June, a decrease of 17.6 p.c. from the June 1957 average of 472,649 but a slight increase over the 379,363 barrels recorded in May. Trunk lines averaged 1,038,784 barrels per day, down 10.8 p.c. from last year's 1,164,437 barrels but up 6.3 p.c. from the May average of 977,464.

Net receipts during June totalled 21,766,101 barrels, a decrease of 14.6 p.c. from 25,484,200 barrels last year, but a slight increase over last month's total of 21,319,394. Comprising June receipts were 7,947,971 barrels of Alberta crude and 35,423 barrels of Alberta natural gasoline, 3,322,032 barrels of Saskatchewan crude, 498,146 barrels of Manitoba crude, 6,591,109 barrels of imported crude and 3,371,420 barrels of refinery products.

Employment and earnings during June, dropped to 1,691 employees earning \$777,296, from 1,822 employees earning \$823,059 one year ago, and compares with 1,681 employees and a payroll of \$773,723 last month.

Operating revenues for the first half of the year decreased \$9,665,350, or 20.3 p.c., to \$37,900,656 from \$47,566,006 in the corresponding period last year. Of this decrease \$8,838,863 or 91.4 p.c. was accounted for by the Trans Mountain Oil 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.

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 Tables 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 six months of 1958, per table 6	222,696,480
Received into Trunk Lines from other Canadian Pipe Lines	84,926,023
"Net Received" into Canadian Pipe Line Systems	137,770,457
"Net Received" into Trunk Systems per table 1	63,758,987
"Net Received" into Gathering Systems per table 2	74,011,470
 Total Delivered out of Systems - all companies - during first six months of 1958, per table 6	 224,561,620
Delivered to other Canadian Pipe Lines	89,706,739
"Net Delivered" from Canadian Pipe Line Systems	134,854,881
"Net Delivered" from Trunk Systems per table 1	133,788,829
"Net Delivered" from Gathering Systems per table 2	1,066,052

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 June and are given herewith.

OIL BALANCE - ALL COMPANIES - June 30, 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 June 30, 1958	76,101,497	
Received into Trunk Systems January 1 to June 30, 1958	196,912,971	273,014,468
Total oil accountable for period		284,224,997
Delivered from Gathering Systems January 1 to June 30, 1958	76,124,968	
Delivered from Trunk Systems January 1 to June 30, 1958	196,664,942	272,789,910
Balance to be accounted for at June 30, 1958		11,435,087
Oil consumed as fuel and losses January 1 to June 30, 1958		211,921
Balance on hand - June 30, 1958		11,223,166
Total Shippers Balances - June 30, 1958	10,099,739	
Total Carriers Balances - June 30, 1958	1,123,427	

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 was extended in the fall of 1957 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 in Canadian oil pipe line statistics. However, commencing with April this year 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
June, 1957	3,540,485		494,667
May, 1958	2,749,672	1,294,810	184,756
June, 1958	3,719,539	636,477	182,690

TABLE 1

OIL^a CARRIED BY PIPE LINES - TRUNK

	June 1958	May 1958	June 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	30,676,122	30,581,454	35,632,601	196,912,971
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	7,455,668	7,164,810	8,594,681	48,227,961
3. Other pipe lines - Gathering	5,850,824	5,041,859	4,847,084	32,086,520
4. Trunk	6,819,505	8,321,676	10,874,816	52,839,503
5. <u>Net Received (6+7+8)</u>	10,550,125	10,053,109	11,316,020	63,758,987
6. Originating on own trunk lines	3,665,247	3,334,344	3,435,104	23,434,044
7. Received from foreign pipe line connections	6,591,109	6,439,200	7,268,937	38,622,269
8. Received from other carriers (rail & truck)	293,769	279,565	611,979	1,702,674
9. <u>Total Delivered * (10+11)</u>	31,163,520	30,301,379	34,933,118	196,664,942
10. Less: Delivered to other Canadian trunk lines	9,329,627	9,729,242	11,132,944	62,876,113
11. <u>Net Delivered (12+13+14)</u>	21,833,893	20,572,137	23,800,174	133,788,829
12. Terminated on own trunk lines	14,627,579	13,994,800	15,777,007	88,892,352
13. Delivered to foreign pipe line connections	7,064,964	6,550,963	7,588,782	44,548,702
14. Delivered to other carriers (truck, rail & water)	141,350	26,374	434,385	347,775

TABLE 2

OIL^b CARRIED BY PIPE LINES - GATHERING

	June 1958	May 1958	June 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	11,762,055	11,737,208	14,168,180	76,101,497
16. Less: Received from other gathering systems	546,079	470,923	-	2,090,027
17. <u>Net Received (18+19)</u>	11,215,976	11,266,285	14,168,180	74,011,470
18. Originating on own gathering system	10,986,069	11,052,864	13,994,414	72,911,499
19. Received from other carriers (rail & truck)	229,907	213,421	173,766	1,099,971
20. <u>Total Delivered * (21+22+23)</u>	11,677,042	11,760,254	14,179,495	76,124,968
Less: Delivered to other pipe lines -				
21. Own Trunk system	7,455,668	7,164,810	8,594,681	48,228,290
22. Other pipe lines	4,097,725	4,395,851	5,401,561	26,830,626
23. <u>Net Delivered (24+25)</u>	123,649	199,593	183,253	1,066,052
24. Terminated on gathering systems	61,738	89,167	67,387	494,297
25. Delivered to other carriers (rail & truck)	61,911	110,426	115,866	571,755

^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		June 1958	May 1958	June x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	7,664,600	7,646,279	11,430,976	52,264,170
"	- Trunk	378,751	396,108	577,656	2,397,713
Saskatchewan	- Gathering	3,053,230	3,098,097	2,228,442	18,768,725
"	- Trunk	268,802	247,159	445,232	1,517,980
Manitoba	- Gathering	498,146	521,909	508,762	2,978,575
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,084,622	1,855,307	1,544,964	13,631,021
Quebec (3)	- Trunk	7,817,950	7,554,535	8,748,168	46,212,273
Net Received	- Gathering	11,215,976	11,266,285	14,168,180	74,011,470
"	" - Trunk	10,550,125	10,053,109	11,316,020	63,758,987
"	" - Total	21,766,101	21,319,394	25,484,200	137,770,457

TABLE 4

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

Province		June 1958	May 1958	June 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,472,500	2,256,884	4,185,831	16,342,276
Alberta (1)	- Gathering	101,741	132,354	119,220	719,239
"	- Trunk	1,307,845	1,136,817	941,924	6,655,997
Saskatchewan	- Gathering	21,908	67,239	64,033	346,813
"	- Trunk	1,054,327	950,611	1,742,635	7,309,815
Manitoba †	- Trunk	6,985,052	6,853,928	6,663,636	43,602,209
Ontario (2)	- Trunk	3,341,368	2,942,706	3,026,810	21,264,373
Quebec	- Trunk	6,672,801	6,431,191	7,239,338	38,614,159
Net Delivered	- Gathering	123,649	199,593	183,253	1,066,052
"	" - Trunk †	21,833,893	20,572,137	23,800,174	133,788,829
"	" - Total	21,957,542	20,771,730	23,983,427	134,854,881
"	" - Total (daily average)	731,918	670,056	799,448	745,055
†	Includes deliveries to U.S. pipe lines, Grctna, Man.	6,318,769	5,953,090	5,822,942	38,341,379
†	Includes exports - via Trans Mountain Oil Pipe Line Company	868,763	597,873	2,187,960	6,329,891
	via Interprovincial Pipe Line Company	1,868,284	1,685,747	1,743,437	10,719,814

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		June 1958	May 1958	June x 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	389,235	379,363	472,649	420,580
Trunk Lines	"	1,038,784	977,464	1,164,437	1,086,547
Total Barrel Miles (Trunk Lines)	Millions	7,493	7,256	8,459*	48,106
Average Miles Per Barrel (Trunk Lines)	Miles	236.3	231.9	241.1	237.5
Employees and Earnings (6)					
Average Number (4)	No.	1,691	1,681	1,822	1,668
Total Salaries and Wages	\$	777,296	773,723	823,059	4,639,804
Man-Hours Worked by Wage Earners (5) (6)	Hours	70,080	73,980*	82,296	428,816

(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

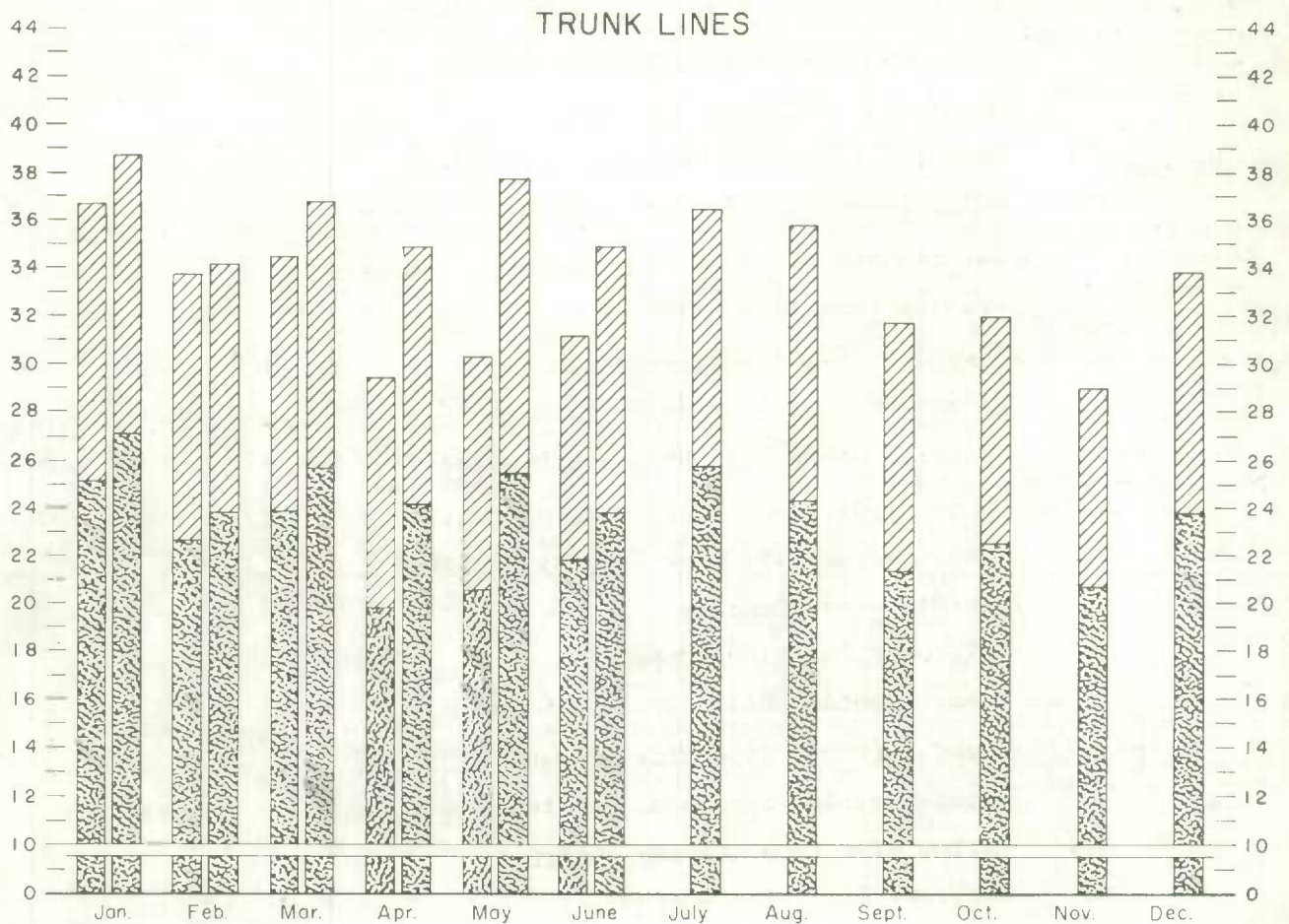
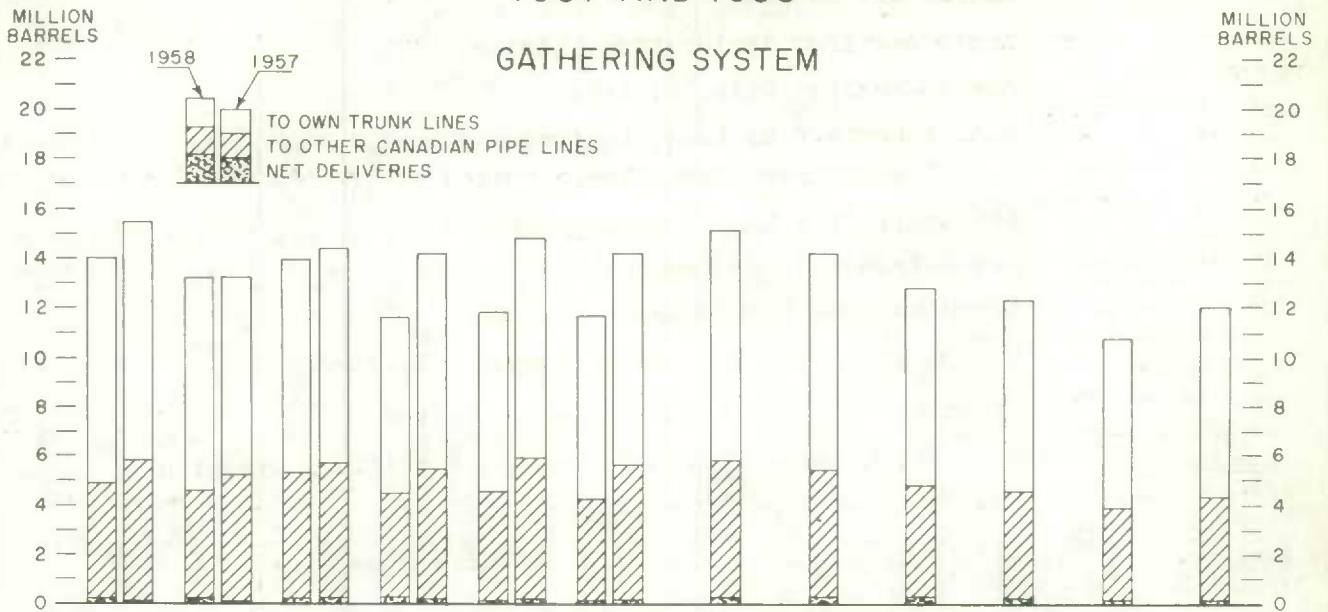
June, 1958

	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*				Barrels			
Total Received into System							
This month June, 1958	2,081,174	8,203,323	6,591,109	2,189,288	2,677,275	(2) 12,694,261	34,436,430
This year (6 months)	15,341,987	53,417,240	38,622,269	16,272,606	16,870,525	(3) 82,171,853	222,696,480
Total Delivered out of System							
This month June, 1958	2,039,319	8,284,541	6,672,801	2,472,500	2,669,938	(4) 13,245,795	35,384,894
This year (6 months)	15,304,829	53,134,372	38,614,159	16,342,276	16,834,699	(5) 84,331,285	224,561,620
OPERATING STATISTICS							
Barrels Handled - Daily Average							
Gathering Lines							
This month June, 1958	67,977	-	-	-	87,795	233,463	389,235
This year (6 months)	84,557	-	-	-	92,745	243,278	420,580
Trunk Lines							
This month June, 1958	-	276,151	222,427	82,417	88,998	368,791	1,038,784
This year (6 months)	-	293,560	213,338	90,289	93,009	396,351	1,086,547
Total Barrel Miles				Miles			
(Trunk Lines - in millions)							
This month June, 1958	-	3,932	491	1,666	186	1,218	(8) 7,493
This year (6 months)	-	25,070	2,845	11,064	1,170	7,957	(8) 48,106
Average Miles Per Barrel							
(Trunk Lines)							
This month June, 1958	-	459.0	73.6	674.0	69.5	100.8	236.3
This year (6 months)	-	445.0	73.7	677.0	69.5	108.6	237.5
OPERATING REVENUES							
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, 1958	1,272,173	12,788,597	1,330,579	7,032,152	2,345,686	(7) 13,131,469	37,900,656
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
Number of Employees June, 1958	145	444	55	244	159	(6) 644	1,691
Salaries and Wages							
Dollars							
This month June, 1958	63,134	216,227	26,131	123,793	69,058	(6) 278,953	777,296
This year (6 months)	401,013	1,241,854	145,479	775,148	430,622	(6) 1,645,688	4,639,804
Man-Hours Worked by Wage Earners							
Hours							
This month June, 1958	15,670	655	6,724	-	14,082	(6) 32,949	70,080
This year (6 months)	103,740	2,199	37,480	400	89,770	(6) 194,227	428,816

* Totals include duplication between companies.

- (1) See list of reporting companies on page 7.
- (2) Includes 3,371,420 bbls. products and 35,423 bbls. natural gasoline.
- (3) Includes 21,636,832 bbls. products and 274,721 bbls. natural gasoline.
- (4) Includes 3,400,975 bbls. products and 36,556 bbls. natural gasoline.
- (5) Includes 21,677,789 bbls. products and 267,152 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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