



## DOMINION BUREAU OF STATISTICS

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## OIL PIPE LINE TRANSPORT

June, 1959

Net deliveries of oil through Canadian pipe lines recorded a 9.7 p.c. increase in June rising to 24,090,406 barrels from 21,957,542 in the corresponding month last year. The average net delivery of 803,014 barrels per day was 9.7 p.c. above the 731,938 barrels reported in June 1958 and 5.6 p.c. above the 760,109 barrels delivered in the previous month. Barrel miles increased 18.9 p.c. to 8,911 million from 7,493 million in June 1958 and 10.4 p.c. above the 8,070 million in May of this year. The average length of haul rose to 254.9 miles from 236.3 miles last year, an increase of 7.9 p.c.

For the first six months of the year total net deliveries from both gathering and trunk lines amounted to 154,458,822 barrels, 14.5 p.c. above the 134,854,881 barrels reported for the same period last year. Provincial deliveries, in barrels, for the half year were as follows (1958 data in brackets): British Columbia 16,428,589 barrels (16,342,276); Alberta 11,306,933 (7,375,236); Saskatchewan 9,379,754 (7,656,628); Manitoba 49,694,311 (43,602,209); Ontario 23,489,520 (21,264,373); and Quebec 44,159,715 (38,614,159). Included in Manitoba deliveries were 44,322,680 barrels (38,341,379) transferred to the Lakehead Pipe Line Company at Grétna, 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.

During the month of June gathering systems handled an average of 483,623 barrels per day as compared with 389,235 barrels in June 1958 and 428,287 in May this year. Trunk line deliveries averaged 1,165,492 barrels per day as against 1,038,784 barrels last year and 1,084,555 in May. Net receipts for June increased 12.8 p.c. to 24,558,388 barrels from 21,766,101 barrels received in the corresponding month last year. Receipts for the month were comprised of 10,115,700 barrels of Alberta crude, 46,187 barrels of Alberta natural gasoline, 3,771,585 barrels of Saskatchewan crude, 442,922 barrels of Manitoba crude, 7,004,982 barrels of imported crude and 3,177,012 barrels of refinery products.

Operating revenues for the first half of the year increased \$4,900,918, or 12.9 p.c. to \$42,762,507 from \$37,861,589 in the same period last year.

Employees numbered 1,600 this June compared with 1,691 in June 1958 and 1,576 in May 1959. Salaries and wages reached a high for the year of \$790,781 as compared with \$777,296 in the same month of the previous year and \$777,886 in May 1959.

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 six months of 1959 per table 6 .....	251,693,035
Received into Trunk Lines from other Canadian Pipe Lines .....	95,617,522
"Net Received" into Canadian Pipe Line Systems .....	156,075,513
"Net Received" into Trunk Systems per table 1 .....	71,848,691
"Net Received" into Gathering Systems per table 2 .....	84,226,822
 Total Delivered out of Systems - all companies -	
during first six months of 1959 per table 6 .....	255,342,299
Delivered to other Canadian Pipe Lines .....	100,883,477
"Net Delivered" from Canadian Pipe Line Systems .....	154,458,822
"Net Delivered" from Trunk Systems per table 1 .....	151,258,480
"Net Delivered" from Gathering Systems per table 2 .....	3,200,342

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, 1959

	Barrels
Total Shippers Balances - January 1, 1959 .....	10,578,165
Total Carriers Balances - January 1, 1959 .....	1,068,896
Received into Gathering Systems January 1 to June 30, 1959 .....	88,612,836
Received into Trunk Systems January 1 to June 30, 1959 .....	223,365,873
Total oil accountable for period .....	311,978,709
Delivered from Gathering Systems January 1 to June 30, 1959 ....	323,625,770
Delivered from Trunk Systems January 1 to June 30, 1959 .....	88,595,315
Balance to be accounted for at June 30, 1959 .....	222,646,644
Oil consumed as fuel and losses January 1 to June 30, 1959.	311,241,959
Balance on hand - June 30, 1959 .....	12,383,811
Total Shippers Balances - June 30, 1959 .....	173,782
Total Carriers Balances - June 30, 1959 .....	12,210,029
	11,031,001
	1,179,028

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
June, 1958	3,719,539	636,477	182,690
May, 1959	3,164,876	1,497,380	153,065
June, 1959	3,614,985	1,783,430	168,366

TABLE 1

OIL<sup>a</sup> CARRIED BY PIPE LINES - TRUNK

	June 1959	May 1959	June 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
1. Total Received* (2+3+4+5)	35,430,988	33,444,670	30,676,122	223,365,873
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	9,045,517	8,538,263	7,455,668	55,899,660
3. Other pipe lines - Gathering	5,747,424	5,043,956	5,850,824	34,511,773
4. Trunk	9,839,297	9,021,982	6,819,505	61,105,749
5. Net Received (6+7+8)	10,798,750	10,840,469	10,550,125	71,848,691
6. Originating on own trunk lines	3,481,680	3,728,221	3,665,247	26,283,518
7. Received from foreign pipe line connections	7,004,982	6,851,187	6,591,109	44,207,189
8. Received from other carriers (rail & truck)	312,088	261,061	293,769	1,357,984
9. Total Delivered* (10+11)	34,964,756	33,621,218	31,163,520	222,646,644
10. Less: Delivered to other Canadian trunk lines	11,888,157	11,070,066	9,329,627	71,388,164
11. Net Delivered (12+13+14)	23,076,599	22,551,152	21,833,893	151,258,480
12. Terminated on own trunk lines	14,924,595	15,405,328	14,627,579	101,750,127
13. Delivered to foreign pipe line connections	8,078,319	7,071,975	7,064,964	49,039,218
14. Delivered to other carriers (truck, rail & water)	73,685	73,849	141,350	469,135

TABLE 2

OIL<sup>b</sup> CARRIED BY PIPE LINES - GATHERING

	June 1959	May 1959	June 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	14,514,427	13,264,379	11,762,055	88,612,836
16. Less: Received from other gathering systems	754,789	755,231	546,079	4,386,014
17. Net Received (18+19)	13,759,638	12,509,148	11,215,976	84,226,822
18. Originating on own gathering system	13,518,828	12,224,879	10,986,069	82,405,684
19. Received from other carriers (rail & truck)	240,810	284,269	229,907	1,821,138
20. Total Delivered* (21+22+23)	14,508,678	13,276,900	11,677,042	88,595,315
Less: Delivered to other pipe lines -				
21. Own Trunk system	9,045,517	8,538,263	7,455,668	55,899,660
22. Other pipe lines	4,449,354	3,726,406	4,097,725	29,495,313
23. Net Delivered (24+25)	1,013,807	1,012,231	123,649	3,200,342
24. Terminated on gathering systems	887,467	914,227	61,738	2,527,734
25. Delivered to other carriers (rail & truck)	126,340	98,004	61,911	672,608

<sup>a</sup> Includes natural gasoline and refinery products.

\* Includes duplications.

<sup>b</sup> Includes natural gasoline.



TABLE 3

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

Province		June 1959	May 1959	June 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,962,330	9,004,541	7,664,600	61,550,766
"	- Trunk	415,884	428,210	378,751	2,575,812
Saskatchewan	- Gathering	3,354,386	3,102,013	3,053,230	20,176,607
"	- Trunk	417,199	319,503	268,802	1,590,701
Manitoba	- Gathering	442,922	402,594	498,146	2,499,449
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,851,378	2,267,339	2,084,622	16,042,382
Quebec (3)	- Trunk	8,114,289	7,825,417	7,817,950	51,639,796
Net Received	- Gathering	13,759,638	12,509,148	11,215,976	84,226,822
" "	- Trunk	10,798,750	10,840,469	10,550,125	71,848,691
" "	- Total	24,558,388	23,349,617	21,766,101	156,075,513

TABLE 4

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

Province		June 1959	May 1959	June 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,199,147	2,663,759	2,472,500	16,428,589
Alberta (1)	- Gathering	942,131	968,270	101,741	2,776,338
"	- Trunk	1,214,071	1,136,622	1,307,845	8,530,595
Saskatchewan	- Gathering	71,676	43,961	21,908	424,004
"	- Trunk	904,698	1,480,138	1,054,327	8,955,750
Manitoba	- Trunk	7,824,663	7,138,250	6,985,052	49,694,311
Ontario (2)	- Trunk	2,953,375	3,240,142	3,341,368	23,489,580
Quebec	- Trunk	6,980,645	6,892,241	6,672,801	44,159,715
Net Delivered	- Gathering	1,013,807	1,012,231	123,649	3,200,342
" "	- Trunk	23,076,599	22,551,152	21,833,893	151,258,480
" "	- Total	24,090,406	23,563,383	21,957,542	154,458,822
" "	- Daily average	803,014	760,109	731,918	853,364
Includes deliveries to U.S. pipe lines, Grtna, Man.		6,842,089	6,474,188	6,318,769	44,322,680
Includes exports -					
via Trans Mountain Oil Pipe Line Company		1,236,230	597,787	868,763	4,716,538
via Interprovincial Pipe Line Company		1,723,513	1,499,401	1,868,284	10,226,587

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		June 1959	May 1959	June 1958	YEAR TO DATE 1959
Barrels Handled - Daily Average					
Gathering Systems	Barrels	483,623	428,287	389,235	489,477
Trunk Lines	"	1,165,492	1,084,555	1,038,784	1,230,092
Total Barrel Miles (Trunk Lines)	Millions	8,911	8,070	7,493	56,340
Average Miles Per Barrel (Trunk Lines)	Miles	254.9	240.0	236.3	253.0
Employees and Earnings (6)					
Average Number (4)	No.	1,600	1,576	1,691	1,561
Total Salaries and Wages	\$	790,781	771,886	777,296	4,615,087
Man-Hours Worked by Wage Earners (5) (6)	Hours	67,650	72,859	70,080	417,439

(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.; Gollad 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  
June, 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
<b>TRAFFIC*</b>				- Barrels -			
<u>Total Received into System</u>							
This month June, 1959	2,672,373	9,477,314	7,004,982	3,261,129	2,868,505	(2) 14,860,806	40,145,109
This year (6 months)	16,576,835	60,959,298	44,207,189	16,440,264	19,174,319	(3) 94,335,130	251,693,035
<u>Total Delivered out of System</u>							
This month June, 1959	2,680,321	9,080,905	6,980,645	3,199,147	2,917,877	(4) 15,569,022	40,427,917
This year (6 months)	16,583,599	60,228,532	44,159,715	16,428,589	19,204,033	(5) 98,737,831	255,342,299
<b>OPERATING STATISTICS</b>							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month June, 1959	89,344	-	-	-	95,521	298,758	483,623
This year (6 months)	91,622	-	-	-	105,771	292,084	489,477
<u>Trunk Lines</u>							
This month June, 1959	-	302,697	232,688	106,638	97,263	426,206	1,165,492
This year (6 months)	-	332,754	243,976	90,766	106,100	456,496	1,230,092
<u>Total Barrel Miles (Trunk Lines)</u>				Miles			
<u>in millions</u>							
This month June, 1959	-	4,695	493	2,188	203	1,332	8,911
This year (6 months)	-	31,991	3,116	11,106	1,335	8,792	56,340
<u>Average Miles per Barrel (Trunk Lines)</u>							
This month June, 1959	-	483.0	70.5	684.0	69.5	104.2	254.9
This year (6 months)	-	495.0	70.5	676.0	69.5	106.4	253.0
<b>OPERATING REVENUES 1959</b>				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							
<b>EMPLOYEES AND EARNINGS</b>				Number			
Employees, June, 1959	131	443	55	221	142	(7) 608	1,600
<u>Salaries and Wages</u>				Dollars			
This month June, 1959	62,829	225,305	27,565	126,087	64,979	(7) 284,016	790,781
This year (6 months)	387,734	1,278,706	152,688	732,321	407,625	(7) 1,656,013	4,615,087
<u>Man hours Worked by Wage Earners</u>				Hours			
This month June, 1959	13,324	760	6,779		13,295	(7) 33,492	67,650
This year (6 months)	86,422	3,967	37,042		83,765	(7) 206,243	417,439

\* Totals include duplication between companies.

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

(2) Includes 3,177,012 bbls. products and 46,187 bbls. natural gasoline.

(3) Includes 24,893,175 bbls. products and 293,040 bbls. natural gasoline.

(4) Includes 3,054,081 bbls. products and 49,430 bbls. natural gasoline.

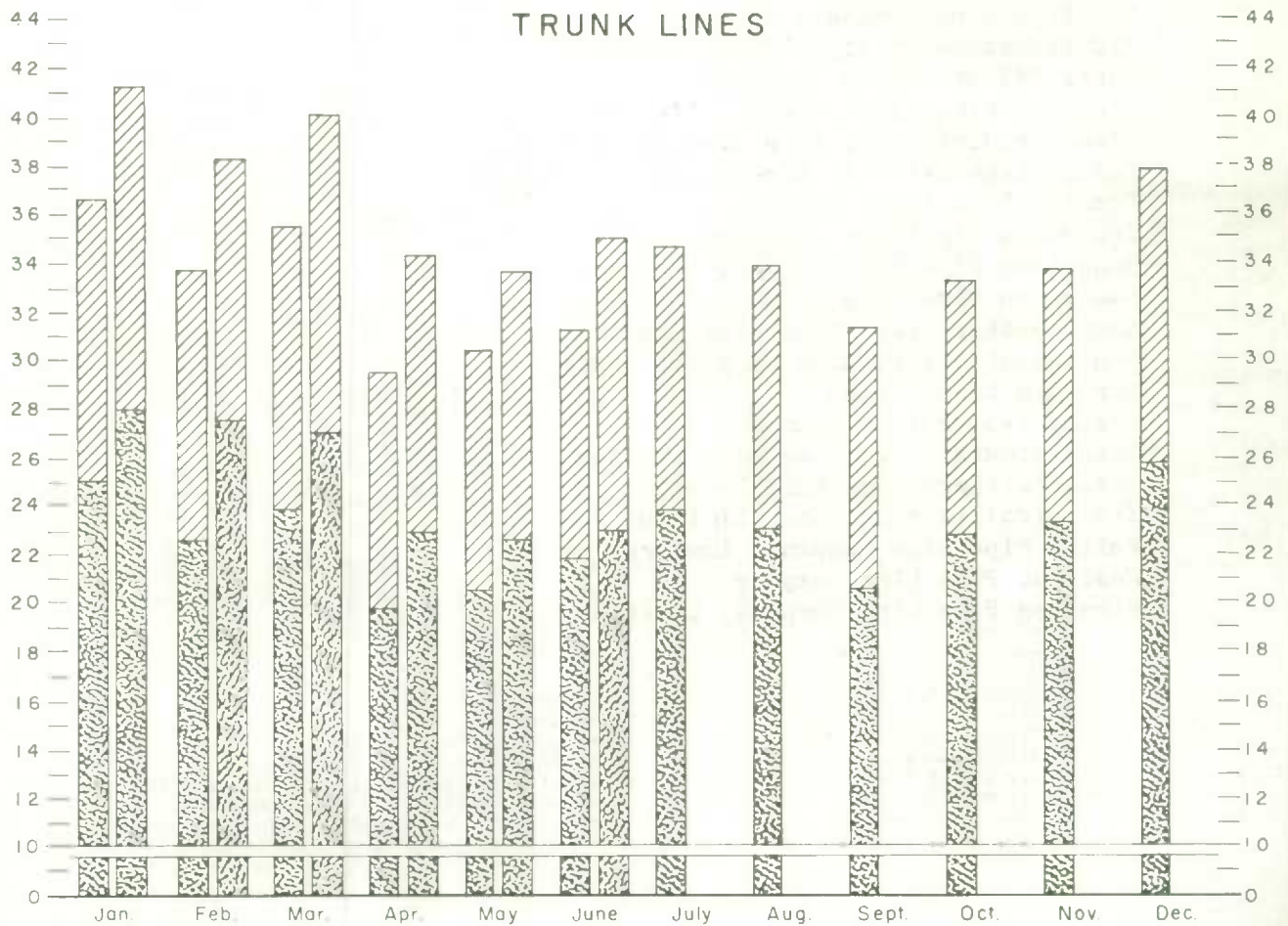
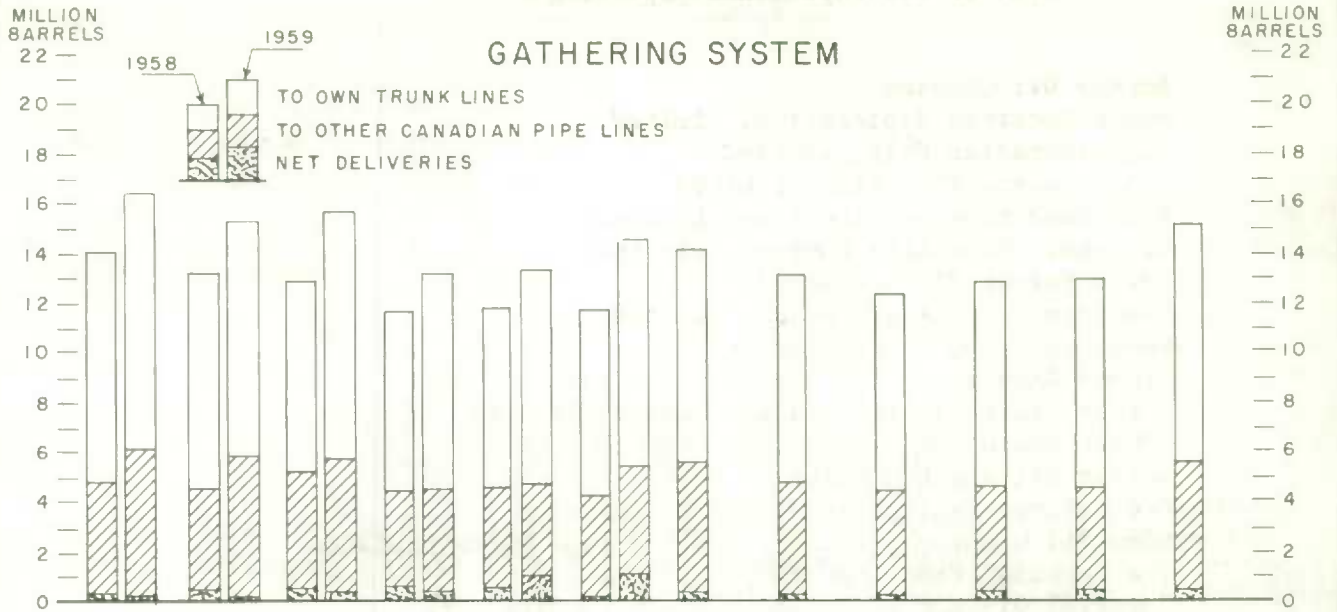
(5) Includes 24,184,272 bbls. products and 297,415 bbls. natural gasoline.

(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 Mobil 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.

Revised.

# 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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