

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU
OF STATISTICS

JAN 22

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Vol. 8, No. 11

PIPE LINES (OIL) STATISTICS

November, 1958

Net deliveries of oil from Canadian pipe lines recorded a 12 p.c. increase in November, rising to 23,414,831 barrels from 20,884,697 barrels in the same month last year. Despite a 34.6 p.c. decrease in exports to 2,092,864 barrels from 3,202,042, deliveries for the second time exceeded the comparable month of 1957. November deliveries also were 2.3 p.c. above the 22,886,658 barrels shown in October, when exports amounted to 1,834,614 barrels. The daily average net delivery of 780,494 barrels compares with 696,157 barrels last year and 738,279 last month. Barrel miles at 8,796 million were 27.4 p.c. above the 6,903 million reported one year ago, and up 13.5 p.c. from 7,747 million reported in October. The average length of haul at 261.1 miles increased 12.2 p.c. from 232.6 miles in November 1957, and was 11.9 p.c. above the 233.3 reported last month.

For the eleven months ended November 30, 1958, total net deliveries from both gathering and trunk lines aggregated 248,832,686 barrels, 6.8 p.c. below the 1957 total of 266,949,982. Provincial deliveries, in barrels, for the first ^{eleven} months of the year were as follows (1957 data in brackets): British Columbia 27,231,594 (53,311,921); Alberta 14,993,464 (12,649,065); Saskatchewan 14,587,878 (16,211,547); Manitoba 82,013,549 (69,860,132); Ontario 38,560,701 (40,033,590); and Quebec 71,445,500 (74,883,727). Included in Manitoba deliveries were 72,430,922 barrels (60,852,953) 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 429,740 barrels per day in November, 18.9 p.c. above the average of 361,533 barrels in the same month last year, and 4.3 p.c. over last month's average of 412,058. Trunk lines averaged 1,122,832 barrels per day as compared with 967,402 barrels in 1957 and 1,070,965 barrels last month.

Net receipts during November totalled 23,422,720 barrels, an increase of 8.1 p.c. over the 21,672,965 barrels reported last year, but slightly below last month's total of 23,605,757. November's receipts were comprised of 8,864,728 barrels of Alberta crude and 50,691 barrels of Alberta natural gasoline, 3,360,900 barrels of Saskatchewan crude, 428,253 barrels of Manitoba crude, 6,845,981 barrels of imported crude and 3,872,167 barrels of refinery products.

Employment and wages declined slightly in November to 1,579 employees earning \$753,542 from 1,666 employees earning \$788,166 in the corresponding month last year.

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.

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 eleven months of 1958, per table 6	410,215,478
Received into Trunk Lines from other Canadian Pipe Lines	157,063,578
"Net Received" into Canadian Pipe Line Systems	253,151,900
"Net Received" into Trunk Systems per table 1	117,185,461
"Net Received" into Gathering Systems per table 2	135,966,439
Total Delivered out of Systems - all companies -	
during first eleven months of 1958, per table 6	415,048,534
Delivered to other Canadian Pipe Lines	166,215,848
"Net Delivered" from Canadian Pipe Line Systems	248,832,686
"Net Delivered" from Trunk Systems per table 1	247,036,371
"Net Delivered" from Gathering Systems per table 2	1,796,315

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 November and are given herewith:

OIL BALANCE - ALL COMPANIES - November 30, 1958

	Barrels	
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 November 30, 1958	141,208,708	
Received into Trunk Systems January 1 to November 30, 1958	363,574,241	504,782,949
Total oil accountable for period		515,993,478
Delivered from Gathering Systems January 1 to November 30, 1958	141,305,515	
Delivered from Trunk Systems January 1 to November 30, 1958	363,068,550	504,374,065
Balance to be accounted for at November 30, 1958		11,619,413
Oil consumed as fuel and losses January 1 to November 30, 1958		296,889
Balance on hand - November 30, 1958		11,322,524
Total Shippers Balances - November 30, 1958	10,285,436	
Total Carriers Balances - November 30, 1958	1,037,088	

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
November, 1957	2,262,663	1,007,699	609,819
October, 1958	4,052,067	955,898	250,753
November, 1958	4,057,960	1,545,126	175,928

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	November 1958	October 1958	November 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	33,322,025	33,294,396	29,263,253	363,574,241
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,314,466	8,123,522	6,942,578	89,325,202
3. Other pipe lines - Gathering	5,103,417	5,099,234	4,610,714	59,706,062
4. Trunk	8,698,865	8,584,363	6,871,351	97,357,516
5. Net Received (6+7+8)	11,205,277	11,487,277	10,838,610	117,185,461
6. Originating on own trunk lines	4,206,224	4,196,397	4,256,830	42,661,858
7. Received from foreign pipe line connections	6,845,981	7,097,319	6,272,454	71,516,062
8. Received from other carriers (rail & truck)	153,072	193,561	309,326	3,007,541
9. Total Delivered * (10+11)	33,684,972	33,199,929	29,022,041	363,068,550
10. Less: Delivered to other Canadian trunk lines	10,433,025	10,464,464	8,292,837	116,032,179
11. Net Delivered (12+13+14)	23,251,947	22,735,465	20,729,204	247,036,371
12. Terminated on own trunk lines	15,373,885	15,543,586	14,209,671	165,561,569
13. Delivered to foreign pipe line connections	7,844,256	7,164,707	6,495,575	80,966,937
14. Delivered to other carriers (truck, rail & water)	33,806	27,172	23,958	507,865

TABLE 2

OIL^g CARRIED BY PIPE LINES - GATHERING

	November 1958	October 1958	November 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	12,878,922	12,788,997	10,834,355	141,208,708
16. Less: Received from other gathering systems	661,479	670,517	-	5,242,269
17. Net Received (18+19)	12,217,443	12,118,480	10,834,355	135,966,439
18. Originating on own gathering system	11,974,620	11,884,254	10,623,840	133,745,929
19. Received from other carriers (rail & truck)	242,823	234,226	210,515	2,220,510
20. Total Delivered * (21+22+23)	12,892,210	12,773,820	10,845,990	141,305,515
Less: Delivered to other pipe lines -	8,314,466	8,123,522	6,942,578	89,325,531
21. Own Trunk system	4,414,860	4,499,105	3,747,919	50,183,669
22. Other pipe lines	162,884	151,193	155,493	1,796,315
23. Net Delivered (24+25)				
24. Terminated on gathering systems	82,559	87,087	44,911	892,296
25. Delivered to other carriers (rail & truck)	80,325	64,106	110,582	904,019

^f Includes natural gasoline and refinery products.

* Includes duplications.

^g Includes natural gasoline.

TABLE 3

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

Province		November 1958	October 1958	November 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,613,995	8,259,424	7,764,458	95,426,645
"	- Trunk	361,937	394,107	447,640	4,302,934
Saskatchewan	- Gathering	3,175,195	3,391,080	2,575,269	35,205,493
"	- Trunk	185,705	177,410	279,892	2,818,860
Manitoba	- Gathering	428,253	467,976	494,628	5,334,301
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,318,411	2,503,765	2,069,304	24,018,482
Quebec (3)	- Trunk	8,339,224	8,411,995	8,041,774	86,045,185
Net Received	- Gathering	12,217,443	12,118,480	10,834,355	135,966,439
" "	- Trunk	11,205,277	11,487,277	10,838,610	117,185,461
" "	- Total	23,422,720	23,605,757	21,672,965	253,151,900

TABLE 4

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

Province		November 1958	October 1958	November 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,130,279	1,995,960	2,401,463	27,231,594
Alberta (1)	- Gathering	122,626	124,119	79,180	1,317,142
"	- Trunk	998,382	1,193,808	1,263,514	13,676,322
Saskatchewan	- Gathering	40,258	27,074	76,313	479,182
"	- Trunk	1,205,340	1,061,117	1,399,548	14,108,705
Manitoba (4)	- Trunk	8,272,297	7,659,990	5,555,296	82,013,349
Ontario (2)	- Trunk	3,823,224	3,750,791	3,862,966	38,560,701
Quebec	- Trunk	6,822,425	7,073,799	6,246,417	71,445,500
Net Delivered	- Gathering	162,884	151,193	155,493	1,796,315
" "	- Trunk (4)	23,251,947	22,735,465	20,729,204	247,036,371
" "	- Total	23,414,831	22,886,658	20,884,697	248,832,686
" "	- Daily average	780,494	738,279	696,157	745,808
(4)	Includes deliveries to U.S. pipe lines, Gretna, Man.	7,446,109	6,842,917	4,846,920	72,430,922
(4)	Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company	398,147 1,694,717	321,790 1,512,824	1,648,655 1,553,387	8,658,583 18,929,601

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		November 1958	October 1958	November 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	429,740	412,058	361,533	423,070
Trunk Lines	"	1,122,832	1,070,965	967,401	1,087,032
Total Barrel Miles (Trunk Lines)	Millions	8,796	7,747	6,903 ⁽⁷⁾	88,605
Average Miles Per Barrel (Trunk Lines)	Miles	261.1	233.3	232.6	240.0
Employees and Earnings (6)					
Average Number (4)	No.	753,542	773,570	788,166	8,547,236
Total Salaries and Wages	\$	67,063	71,671	71,435	783,707
Man-Hours Worked by Wage Earners (5) (6)	Hours				

(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 Westpur Pipe Line Company.

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

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

November, 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 November, 1958	2,253,522	9,280,707	6,845,981	1,800,984	3,086,842	(2) 13,956,966	37,225,002
This year (11 months)	27,004,945	100,073,044	71,516,062	27,018,558	31,768,905	(3) 152,833,964	410,215,478
<u>Total Delivered out of System</u>							
This month November, 1958	2,249,980	9,322,347	6,822,425	2,130,279	3,087,853	(4) 14,649,832	38,262,716
This year (11 months)	27,009,421	99,305,066	71,445,500	27,231,594	31,784,051	(5) 158,272,902	415,048,534
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month November, 1958	74,999	-	-	-	102,632	252,109	429,740
This year (11 months)	80,866	-	-	-	94,854	247,350	423,070
<u>Trunk Lines</u>							
This month November, 1958	-	310,745	227,414	71,009	102,928	410,736	1,122,832
This year (11 months)	-	297,320	213,909	81,532	95,162	399,109	1,087,032
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month November, 1958	-	5,294	481	1,427	215	1,379	(8) 8,796
This year (11 months)	-	47,893	5,201	18,416	2,209	14,886	(8) 88,605
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month November, 1958	-	538.0	70.6	670.0	69.5	111.9	261.1
This year (11 months)	-	458.0	72.8	676.0	69.5	111.7	244.0
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, 1958	1,272,173	12,788,597	1,330,579	7,032,152	2,345,686	(7) 13,092,402	37,861,589
Nine Months ending Sept. 30, 1958	1,847,991	19,435,590	2,005,120	10,021,728	3,700,226	(7) 20,018,992	57,029,647
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				<u>Number</u>			
Number of Employees November, 1958	137	427	51	221	147	(6) 596	1,579
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month November, 1958	60,026	208,744	24,287	117,958	72,306	(6) 270,221	753,542
This year (11 months)	728,138	2,324,756	272,119	1,387,816	779,660	(6) 3,054,747	8,547,236
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month November, 1958	14,697	608	6,069	-	13,793	(6) 31,896	67,063
This year (11 months)	184,818	5,626	70,259	400	159,182	(6) 363,422	783,707

* Totals include duplication between companies.

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

(2) Includes 3,872,167 bbls. products and 50,691 bbls. natural gasoline.

(3) Includes 39,266,680 bbls. products and 497,510 bbls. natural gasoline.

(4) Includes 3,883,387 bbls. products and 50,388 bbls. natural gasoline.

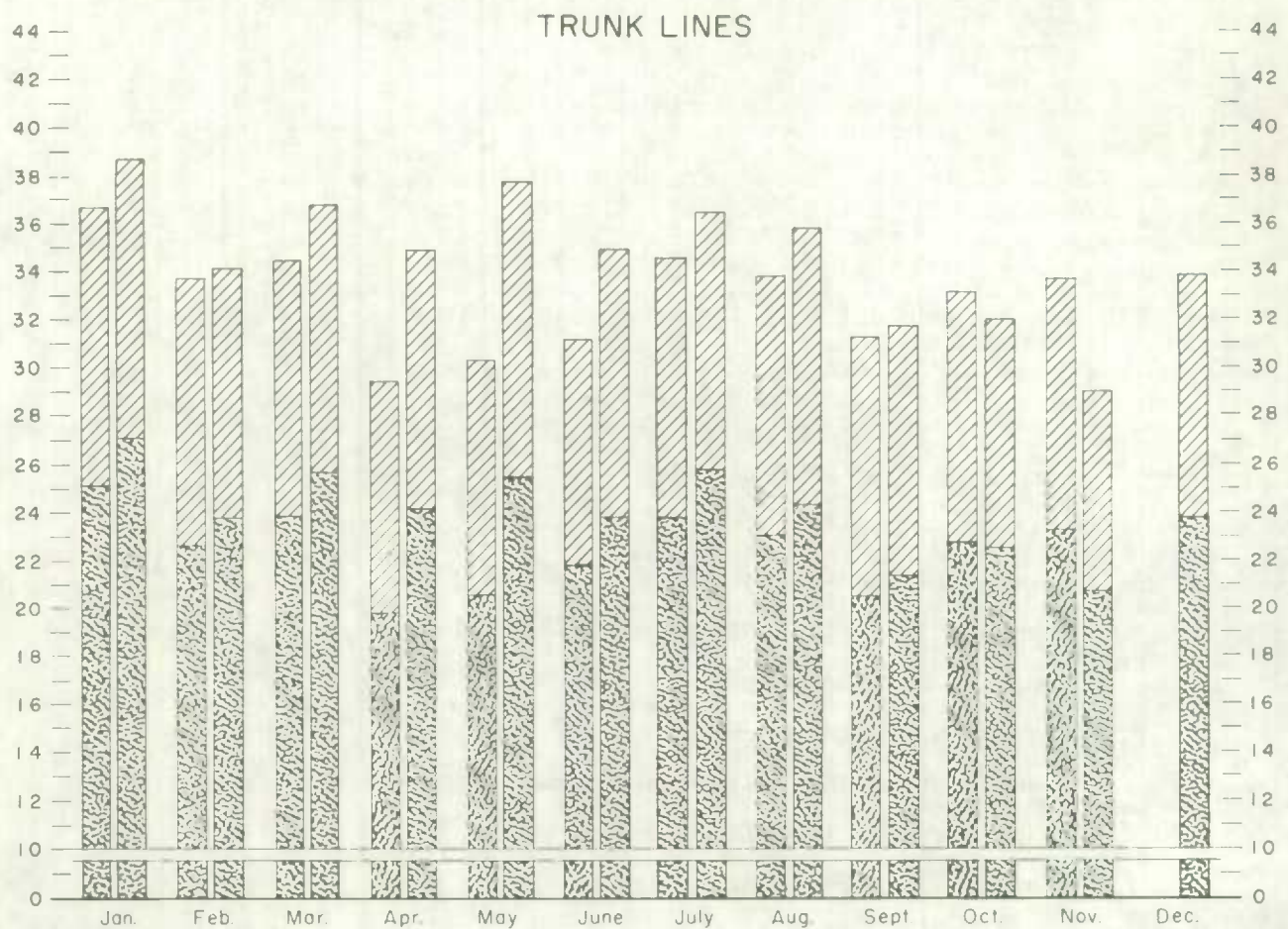
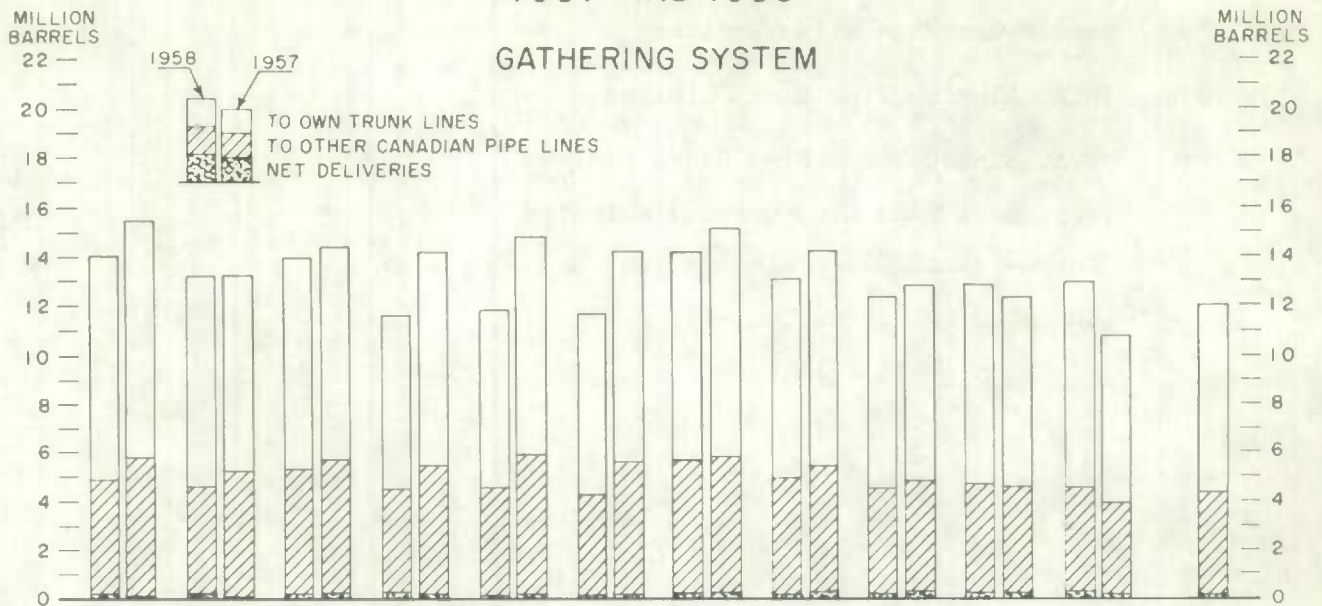
(5) Includes 39,277,058 bbls. products and 494,440 bbls. natural gasoline.

(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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