

55 001

Historical File Copy

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU  
OF STATISTICS

Memorandum

PROPERTY OF THE  
LIBRARY

Price \$1.00 per year

Vol. 7 No. 4

## PIPE LINES (OIL) STATISTICS

APRIL, 1957

Total net deliveries of oil from Canadian pipe lines amounted to 24,331,185 barrels for the month of April. This was a daily average of 811,039 barrels as compared with an average of 836,387 in the previous month, a drop of 25,348 barrels or 3.0 p.c.

For the four months ended April 30, net deliveries amounted to 101,294,601 barrels, an increase of 14.6 p.c. above deliveries of 88,422,928 recorded in the same period of 1956. Of this total, refinery products accounted for 16,922,346 barrels, as against 15,251,963 in 1956. Provincial deliveries for the first four months were as follows, (1956 data in brackets): British Columbia 22,773,359 barrels (13,873,230); Alberta 3,967,224 barrels (6,446,283); Saskatchewan 5,794,005 barrels (5,832,779); Manitoba 24,965,728 barrels (22,538,245); Ontario 16,658,950 barrels (14,934,494); and Quebec 27,135,335 barrels (24,797,897). Included in Manitoba deliveries were 21,334,307 barrels (16,570,623) transferred to the Lake Head Pipe Line Company at Gretna. Of this 7,166,009 barrels were for export while the remainder moved through the United States destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4 and include all deliveries at dock for export.

For the month of April net receipts totalled 25,345,951 barrels down slightly from the March receipts of 26,192,601 but an increase of 19.6 p.c. above the April, 1956 receipts of 21,197,428 barrels. Included in the April receipts were 11,919,785 barrels of Alberta crude and 50,867 of Alberta natural gasoline, 2,317,372 barrels of Saskatchewan crude, 460,316 of Manitoba crude, 6,913,332 barrels of imported crude and 3,684,279 barrels of refinery products.

Gathering systems handled an average of 472,706 barrels per day in April, an increase of 30 p.c. over the corresponding month last year, when 363,061 barrels were handled. Trunk line deliveries at 24,151,699 barrels dropped slightly from last month, but increased by 29 p.c. over the daily average of 699,678 in April 1956.

Barrel miles at 9,971 million, were down slightly from 10,705 in March, and the average length of haul fell from 290.8 miles to 285.3.

Employment reached a new high in the month under review, with 1,687 employees earning \$775,673, as compared with 1,402 employees in April 1956 with total salaries of \$608,866.

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 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,

Public Finance and Transportation Division.

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1957.

8504-508-47

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 four months of 1957, per table 6 .....	166,621,177
Received into Trunk Lines from other Canadian Pipe Lines .....	62,457,883
"Net Received" into Canadian Pipe Line Systems .....	104,163,294
"Net Received" into Trunk Systems per table 1 .....	46,817,016
"Net Received" into Gathering Systems per table 2 .....	57,346,278
Total Delivered out of Systems - all companies -	
during first four months of 1957, per table 6 .....	166,628,132
Delivered to other Canadian Pipe Lines .....	65,333,531
"Net Delivered" from Canadian Pipe Line Systems .....	101,294,601
"Net Delivered" from Trunk Systems per table 1 .....	100,771,957
"Net Delivered" from Gathering Systems per table 2 .....	522,644

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 April and are given herewith:

OIL BALANCE - ALL COMPANIES - APRIL, 1957

	Barrels
Total Shippers Balances - January 1, 1957 .....	10,368,770
Total Carriers Balances - January 1, 1957 .....	730,708
Received into Gathering Systems January 1 to April 30, 1957 .....	57,346,278
Received into Trunk Systems January 1 to April 30, 1957 .....	144,500,529
Total oil accountable for period .....	212,946,285
Delivered from Gathering Systems January 1 to April 30, 1957 .....	57,314,969
Delivered from Trunk Systems January 1 to April 30, 1957 .....	144,538,793
Balance to be accounted for at April 30, 1957 .....	11,092,523
Oil consumed as fuel and losses January 1 to April 30, 1957 .....	334,851
Balance on hand - April 30, 1957 .....	10,757,672
Total Shippers Balances - April 30, 1957 .....	9,990,257
Total Carriers Balances - April 30, 1957 .....	767,415

The Interprovincial Pipe Line Company operates over 1,500 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. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia 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 data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
April, 1956	3,233,814	378,844
March, 1956	3,596,003	508,767
April, 1957	2,794,252	380,316

TABLE 1

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

	April 1 9 5 7	March 1 9 5 7	April 1 9 5 6	YEAR TO DATE 1 9 5 7
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	35,297,520	36,377,532	27,328,855	144,500,529
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,733,267	8,719,479	5,714,180	35,225,630
3. Other pipe lines - Gathering	8,178,937	4,494,168	2,610,908	21,363,441
4. Trunk	7,233,780	11,341,236	8,687,119	41,094,442
5. Net Received (6+7+8)	11,151,536	11,822,649	10,316,648	46,817,016
6. Originating on own trunk lines	4,049,892	4,622,113	4,144,509	18,437,146
7. Received from foreign pipe line connections	6,913,332	6,756,625	6,143,228	27,178,294
8. Received from other carriers (rail & truck)	188,312	443,911	28,911	1,201,576
9. Total Delivered * (10+11)	34,949,429	36,807,201	27,121,119	144,538,793
10. Less: Delivered to other Canadian trunk lines	10,797,730	11,066,634	7,115,368	43,766,836
11. Net Delivered (12+13+14)	24,151,699	25,740,567	20,005,751	100,771,957
12. Terminated on own trunk lines	15,531,109	16,766,662	14,157,151	65,434,040
13. Delivered to foreign pipe line connections	7,267,755	7,514,199	5,616,994	30,699,743
14. Delivered to other carriers (truck, rail & water)	1,352,835	1,459,706	231,606	4,638,174

TABLE 2

OIL<sup>6</sup> CARRIED BY PIPE LINES - GATHERING

	April 1 9 5 7	March 1 9 5 7	April 1 9 5 6	YEAR TO DATE 1 9 5 7
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	14,194,415	14,369,952	10,880,780	57,346,278
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	14,194,415	14,369,952	10,880,780	57,346,278
18. Originating on own gathering system	14,167,473	14,118,335	10,835,514	56,033,437
19. Received from other carriers (rail & truck)	26,942	251,617	45,266	1,312,841
20. Total Delivered * (21+22+23)	14,181,192	14,412,110	10,891,841	57,314,969
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,733,267	8,719,479	5,712,461	35,225,630
22. Other pipe lines	5,268,439	5,505,196	4,194,778	21,566,695
23. Net Delivered (24+25)	179,486	187,435	984,602	522,644
24. Terminated on gathering systems	50,739	84,001	671,156	186,818
25. Delivered to other carriers (rail & truck)	128,747	103,434	313,446	335,826

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

\* Includes duplications.

<sup>6</sup> Includes natural gasoline.



TABLE 3

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

Province		April 1 9 5 7	March 1 9 5 7	April 1 9 5 6	YEAR TO DATE 1 9 5 7
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,645,104	11,846,176	9,714,747	47,528,253
"	- Trunk	386,944	443,340	446,739	1,836,281
Saskatchewan	- Gathering	2,088,995	2,016,598	755,580	7,904,385
"	- Trunk	228,377	458,185	1,127	1,120,376
Manitoba	- Gathering	460,316	507,178	410,453	1,913,640
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,958,545	2,412,981	2,248,116	9,936,326
Quebec (3)	- Trunk	8,577,670	8,508,143	7,620,666	33,924,033
Net Received	- Gathering	14,194,415	14,369,952	10,880,780	57,346,278
" "	- Trunk	11,151,536	11,822,649	10,316,648	46,817,016
" "	- Total	25,345,951	26,192,601	21,197,428	104,163,294

TABLE 4

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

Province		April 1 9 5 7	March 1 9 5 7	April 1 9 5 6	YEAR TO DATE 1 9 5 7
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	6,016,816	5,914,614	2,683,969	22,773,359
Alberta (1)	- Gathering	76,209	113,496	854,621	294,159
"	- Trunk	880,775	911,128	599,313	3,673,065
Saskatchewan	- Gathering	103,277	73,939	129,981	228,485
"	- Trunk	1,100,662	1,598,597	1,264,967	5,565,520
Manitoba	- Trunk	5,655,779	6,333,762	5,618,166	24,965,728
Ontario (2)	- Trunk	3,612,628	4,176,077	3,716,941	16,658,950
Quebec	- Trunk	6,885,039	6,806,389	6,122,395	27,135,335
Net Delivered	- Gathering	179,486	187,435	984,602	522,644
" "	- Trunk	24,151,699	25,740,567	20,005,751	100,771,957
" "	- Total	24,331,185	25,928,002	20,990,353	101,294,601
/ Includes deliveries to U.S. pipe lines, Gretna, Man.		4,763,684	5,389,617	4,884,716	21,334,307
/ Includes exports -					
via Trans Mountain Oil Pipe Line Company		3,838,628	3,562,001	943,241	13,916,870
via Interprovincial Pipe Line Company		1,574,862	1,864,172	1,446,234	7,166,009

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		April 1 9 5 7	March <sup>X</sup> 1 9 5 7	April 1 9 5 6	YEAR TO DATE 1 9 5 7
Barrels Handled - Daily Average					
Gathering Systems	Barrels	472,706	464,906	363,061	477,624
Trunk Lines	"	1,164,981	1,187,329	904,037	1,204,491
Total Barrel Miles (Trunk Lines)	Millions	9,971	10,705	8,107	41,927
Average Miles Per Barrel (Trunk Lines)	Miles	285.3	290.8	298.9	290.0
Employees and Earnings (6)					
Average Number (4)	No.	1,687	1,655	1,402	6,584
Total Salaries and Wages	\$	775,673	729,048	608,866	2,949,304
Man-Hours Worked by Wage Earners (5) (6)	Hours	77,077	79,121	55,531	311,612

(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.

X Revised.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

April, 1957

	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
<b>TRAFFIC*</b>				<u>Barrels</u>			
<u>Total Received into System</u>							
This month April, 1957	4,043,207	7,832,652	6,913,332	5,971,106	3,356,217	(2) 12,642,154	40,758,668
This year (4 months)	16,616,276	32,975,742	27,178,294	22,511,653	13,481,218	(3) 53,857,994	166,621,177
<u>Total Delivered out of System</u>							
This month April, 1957	4,043,960	7,606,006	6,885,039	6,016,816	3,348,559	(4) 12,496,974	40,397,354
This year (4 months)	16,599,153	32,919,340	27,135,335	22,773,359	13,410,632	(5) 53,790,313	166,628,132
<b>OPERATING STATISTICS</b>							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month April, 1957	134,798	-	-	-	111,566	226,342	472,706
This year (4 months)	138,326	-	-	-	112,007	227,291	477,624
<u>Trunk Lines</u>							
This month April, 1957	-	253,534	229,501	200,561	111,619	369,766	1,164,981
This year (4 months)	-	274,328	226,128	189,778	111,755	402,502	1,204,491
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							
This month April, 1957	-	3,572	507	4,198	233	1,461	9,971
This year (4 months)	-	17,103	1,999	15,786	932	6,107	41,927
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month April, 1957	-	470.0	73.6	698.0	69.5	131.8	285.3
This year (4 months)	-	520.0	73.7	693.0	69.5	126.4	290.0
<b>OPERATING REVENUES</b>				<u>Dollars</u>			
Three Months ending Mar. 31, 1957	978,925	6,030,844	689,958	7,993,435	1,345,090	(7) 6,116,863	23,155,115
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
<b>EMPLOYEES AND EARNINGS</b>				<u>Number</u>			
Number of Employees April, 1957	162	404	53	285	210	(6) 573	1,687
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month April, 1957	69,712	201,936	23,105	144,455	86,948	(6) 249,517	775,673
This year (4 months)	268,883	745,921	87,680	506,133	341,966	(6) 998,721	2,949,304
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month April, 1957	19,494	591	547	586	20,361	(6) 35,498	77,077
This year (4 months)	77,959	1,398	2,238	2,096	85,361	(6) 142,560	311,612

\* Totals include duplication between companies.

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

(2) Includes 3,684,279 bbls. products and 50,867 bbls. natural gasoline.

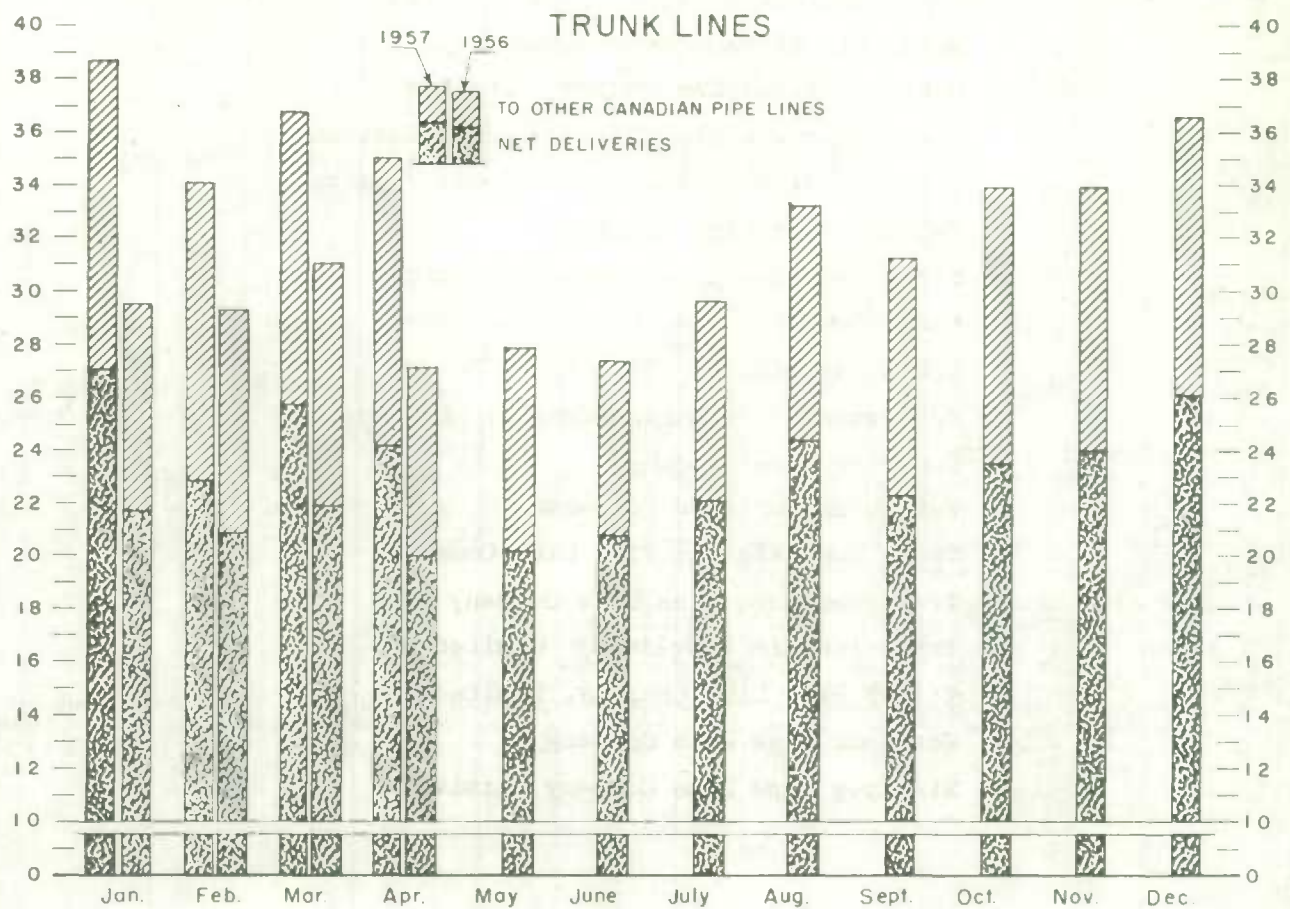
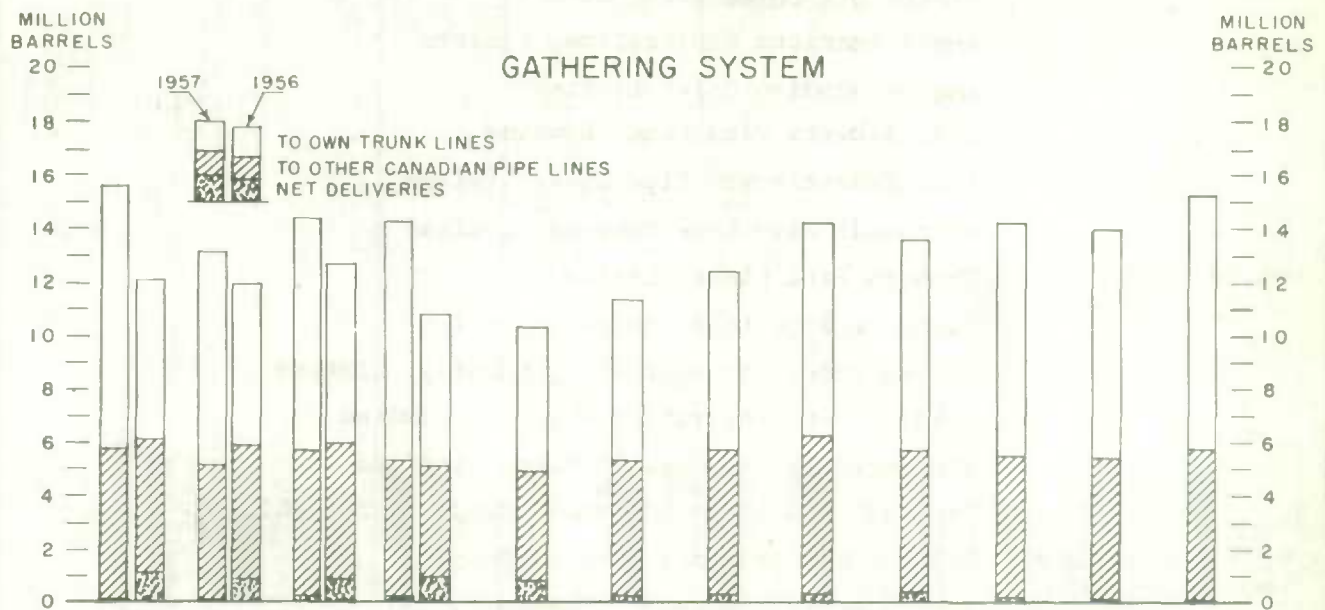
(3) Includes 16,975,323 bbls. products and 223,038 bbls. natural gasoline.

(4) Includes 3,669,600 bbls. products and 54,119 bbls. natural gasoline.

(5) Includes 16,922,346 bbls. products and 225,083 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 and Valley Pipe Line Company Ltd.

# MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957





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  
Cremona Pipe Lines, Limited  
Edmonton Pipe Line Company, Limited  
Gibson Crude Oil Purchasing Company, Limited  
Green River Exploration Company, Limited  
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  
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

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010534410

PIPE LINES (OIL) STATISTICS, APRIL 1957