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PIPE LINES (OIL) STATISTICS

The volume of oil carried by Canadian pipe lines during April amounted to net deliveries of 405,688 barrels per day compared with a daily average of 411,600 barrels in March. Compared with the previous year, average deliveries were up by 28,028 barrels per day, or 7 p.c.

Total net deliveries for the month amounted to 12,170,661 barrels, an increase of 841,000 barrels over the corresponding month in 1953. Provincial deliveries were as follows (1953 data in brackets): British Columbia, 822,961 barrels (nil*); Alberta, 1,176,115 (957,569); Saskatchewan, 790,791 (1,134,714); Manitoba, 2,324,491 (3,026,927); Ontario, 2,565,832 (2,177,016); and Quebec, 4,490,471 (4,033,582). Included in the Manitoba deliveries were 1,781,284 barrels (2,502,513) transferred to the Lakehead Pipe Line Company at Gretna and 543,207 (524,414) delivered within the province. Oil from western Canada moved through the United States via the Lakehead line to re-enter Canada at Sarnia amounted to 2,081,025 barrels for April, bringing the year-to-date total to 9,663,831 barrels.

Included in the net receipts of oil for pipe line shipment in April were 4,624,939 barrels of Alberta crude 46,939 of Alberta natural gasoline, 4,516,460 imported crude and 2,564,545 barrels of refinery products. For the four months, January to April, net receipts totalled 54,252,631 barrels compared with 43,358,507 barrels in the same period last year, an increase of 25 p.c.

Net deliveries for the first four months of the year also recorded a 25 p.c. increase, amounting to 54,021,709 barrels in 1954 as against 43,132,057 in 1953. Provincial figures for the four-month period were as follows (1953 data in brackets): British Columbia, 4,053,787 barrels (nil*); Alberta, 5,017,079 (5,191,034); Saskatchewan, 4,033,899 (4,367,382); Manitoba, 11,561,245 (8,554,588); Ontario, 10,503,483 (7,580,727); and Quebec, 18,852,216 (17,438,326). Manitoba deliveries included 9,370,462 (6,602,022) barrels of oil transferred from the Interprovincial system in Manitoba to the Lakehead Pipe Line Company for shipment through the United States, principally destined to refineries at Sarnia.

Deliveries from gathering systems dropped during April to a daily average of 131,714 barrels from an average of 142,281 barrels in March and 134,956 in April last year. Trunk line deliveries also recorded a drop at 473,312 barrels per day in April, compared with 503,484 in March, but were almost 12 p.c. above the daily average of 423,885 barrels recorded in April 1953.

Barrel miles for trunk lines continued downward with a total for April of 3,701 million as against 3,997 million in March. The average length of haul at 260.6 miles showed a slight improvement over March but was 14 p.c. below April, 1953.

The number of employees dropped from 1,194 in March to 1,187 in April but was well above the 896 recorded in April 1953. Salaries and wages rose to \$453,624 from \$448,006 in March and \$308,246 last year. Average earnings for the month were thus 11 p.c. above April, 1953.

Deliveries of all major pipe lines recorded decreases in April. The Imperial Pipe Line delivered a daily average of 92,262 barrels compared with 101,329 barrels in March. Interprovincial dropped from an average of 130,423 barrels per day in March to 122,778, the Montreal Pipe Line from 154,997 barrels to 149,682 and Trans Mountain from 39,478 to 27,432 barrels.

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 Anglo Canadian Oils, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

* The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

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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.

Total Received into Systems - all companies -	Barrels
during first four months of 1954, per table 6	81,422,227
Received into Trunk Lines from Other Canadian Pipe Lines	27,169,596
"Net Received" into Canadian Pipe Line Systems	54,252,631
"Net Received" into Trunk Systems per table 1	34,684,021
"Net Received" into Gathering Systems per table 2	19,568,610
 Total Delivered out of Systems - all companies -	
during first four months of 1954, per table 6	81,001,834
Delivered to other Canadian Pipe Lines	26,980,125
"Net Delivered" from Canadian Pipe Line Systems	54,021,709
"Net Delivered" from Trunk Systems per table 1	51,337,488
"Net Delivered" from Gathering Systems per table 2	2,684,221

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, 1954

	Barrels
Total Shippers Balances - January 1, 1954	6,141,288
Total Carriers Balances - January 1, 1954	787,070
Received into Gathering Systems January 1 to April 30, 1954	19,568,610
Received into Trunk Systems January 1 to April 30, 1954	65,719,176
Total oil accountable for Period	92,216,144
Delivered from Gathering Systems January 1 to April 30, 1954	19,602,365
Delivered from Trunk Systems January 1 to April 30, 1954	65,265,028
Balance to be accounted for at April 30, 1954	7,348,751
Oil consumed as fuel and losses	103,221
Balance on hand - April 30, 1954	7,245,530
Total Shippers Balances - April 30, 1954	(1) 6,605,268
Total Carriers Balances - April 30, 1954	640,262

With the completion in December of Interprovincial's extension to Sarnia, there are now three oil pipe lines crossing the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the three pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
April, 1953	-	(2) 979,252	52,693
March, 1954	2,273,928	-	390,622
April, 1954	2,081,025	-	197,695

- (1) Includes 723,021 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.
 (2) Deliveries of Transit and Storage Company, whose pipe line properties have been sold to the Buckeye Pipe Line Company.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	APRIL 1954	MARCH 1954	x APRIL 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	14,018,031	15,735,155	12,522,575	65,719,176
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	958,208	1,005,234	498,232	3,865,559
3. Other pipe lines - Gathering	1,270,161	1,521,777	1,752,885	7,179,590
4. Trunk	3,900,984	4,760,335	3,170,803	19,990,006
5. Net Received (6+7+8)	7,888,678	8,447,809	7,100,655	34,684,021
6. Originating on own trunk lines	3,352,615	3,505,816	3,064,992	15,407,311
7. Received from foreign pipe line connections	4,516,460	4,813,256	4,005,402	18,910,271
8. Received from other carriers (rail & truck)	19,603	128,737	30,261	366,439
9. Total Delivered * (10+11)	14,199,363	15,608,011	12,716,555	65,265,028
10. Less: Delivered to other Canadian trunk lines	2,787,167	3,305,192	1,807,205	13,927,540
11. Net Delivered (12+13+14)	11,412,196	12,302,819	10,909,350	51,337,488
12. Terminated on own trunk lines	9,630,912	10,697,715	8,406,837	41,967,026
13. Delivered to foreign pipe line connections	1,781,284	1,605,104	2,502,513	9,370,462
14. Delivered to other carriers (rail & truck)	-	-	-	-

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	APRIL 1954	MARCH 1954	APRIL 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	3,864,205	4,466,098	4,089,836	19,568,610
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	3,864,205	4,466,098	4,089,836	19,568,610
18. Originating on own gathering system	3,683,008	4,269,290	4,020,519	18,862,868
19. Received from other carriers (rail & truck)	181,197	196,808	69,317	705,742
20. Total Delivered * (21+22+23)	3,951,429	4,410,730	4,048,680	19,602,365
Less: Delivered to other pipe lines -				
21. Own Trunk system	958,208	1,005,234	498,232	3,865,559
22. Other pipe lines	2,234,756	2,948,725	3,129,990	13,052,585
23. Net Delivered (24+25)	758,465	456,771	420,458	2,684,221
24. Terminated on gathering systems	734,153	434,794	358,945	2,525,737
25. Delivered to other carriers (rail & truck)	24,312	21,977	61,513	158,484

/ Includes natural gasoline and products.

* Includes duplications.

/ Includes natural gasoline.

x Revised.

TABLE 3

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

Province	APRIL 1 9 5 4	MARCH 1 9 5 4	APRIL 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	3,864,205	4,466,098	4,089,836	19,568,610
- Trunk	807,673	959,484	885,741	4,885,302
Saskatchewan - Trunk	-	-	-	1,947
Manitoba - Trunk	-	128,737	30,261	344,889
Ontario (2) - Trunk	1,513,776	1,466,767	1,154,496	6,044,401
Quebec (3) - Trunk	5,567,229	5,892,821	5,030,157	23,407,482
Net Received - Trunk	7,888,678	8,447,809	7,100,655	34,684,021
- Total	11,752,883	12,913,907	11,190,491	54,252,631

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED

OR WERE TRANSFERRED TO OTHER CARRIERS

Province	APRIL 1 9 5 4	MARCH 1 9 5 4	x APRIL 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
British Columbia - Trunk	822,961	1,223,723	-	4,053,787
Alberta (1) - Gathering	758,465	456,771	420,458	2,684,221
- Trunk	417,650	699,037	537,111	2,332,858
Saskatchewan - Trunk	790,791	887,357	1,134,714	4,033,899
Manitoba / - Trunk	2,324,491	2,182,524	3,026,927	11,561,245
Ontario (2) - Trunk	2,565,832	2,505,880	2,177,016	10,503,483
Quebec - Trunk	4,490,471	4,804,298	4,033,582	18,852,216
Net Delivered - Trunk	11,412,196	12,302,819	10,909,350	51,337,488
- Total	12,170,661	12,759,590	11,329,808	54,021,709
/ Including deliveries to U.S. pipe lines at Gretna, Man.	1,781,284	1,605,104	2,502,513	9,370,462

TABLE 5

OPERATING STATISTICS

	APRIL 1 9 5 4	MARCH 1 9 5 4	APRIL 1 9 5 3	YEAR TO DATE 1 9 5 4
Barrels Handled - Daily Average				
Gathering Systems	Barrels	131,714	142,281	134,956
Trunk Lines	"	473,312	503,484	423,885
Total Barrel Miles (Trunk Lines)	Millions	3,701	3,997	3,857
Average Miles per Barrel (Trunk Lines)	Miles	260.6	256.1	303.3
Employees and Earnings (6)				
Average Number (4)	No.	1,187	1,194	896
Total Salaries and Wages	\$	453,624	448,006	308,246
Man Hours Worked by Wage Earners (5) (6)	Hours	51,730	54,976	49,525

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

APRIL, 1954

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC *						
<u>Total Received into System</u>				<u>Barrels</u>		
This month (April, 1954)	2,742,173	3,484,506	4,516,460	796,503	(2) 5,384,386	16,924,028
This year (4 months)	14,397,421	19,231,047	18,910,271	4,346,958	(3) 24,536,530	81,422,227
<u>Total Delivered out of System</u>						
This month (April, 1954)	2,767,851	3,683,345	4,490,471	822,961	(4) 5,426,956	17,192,584
This year (4 months)	14,413,756	19,199,207	18,852,216	4,053,890	(5) 24,481,765	81,001,834
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (April, 1954)	92,262	-	-	-	39,452	131,714
This year (4 months)	120,115	-	-	-	43,238	163,353
<u>Trunk Lines</u>						
This month (April, 1954)	-	122,778	149,682	27,432	173,420	473,312
This year (4 months)	-	159,993	157,101	33,782	192,999	543,875
<u>Total Barrel Miles</u>				<u>Miles</u>		
(Trunk Lines - in millions)						
This month (April, 1954)	-	2,040	331	573	757	3,701
This year (4 months)	-	10,466	1,387	2,877	3,287	18,017
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (April, 1954)	-	554.0	73.6	691.0	145.5	260.6
This year (4 months)	-	545.0	73.6	710.0	141.9	276.1
OPERATING REVENUES				<u>Dollars</u>		
Three months ending March 31, 1954	930,894	4,200,082	474,043	1,563,475	2,551,046	9,719,540
EMPLOYEES AND EARNINGS				<u>Number</u>		
Number of employees (April, 1954)	218	430	46	174	(6) 319	1,187
<u>Salaries and Wages</u>				<u>Dollars</u>		
This month (April, 1954)	75,198	165,982	16,325	80,856	(6) 115,263	453,624
This year (4 months)	296,640	629,600	63,518	331,730	(6) 441,943	1,763,431
<u>Man Hours Worked by Wage Earners</u>				<u>Hours</u>		
This month (April, 1954)	26,398	2,124	640	1,520	(6) 21,048	51,730
This year (4 months)	100,372	6,443	1,681	11,434	(6) 80,508	200,438

* Totals include duplication between companies.

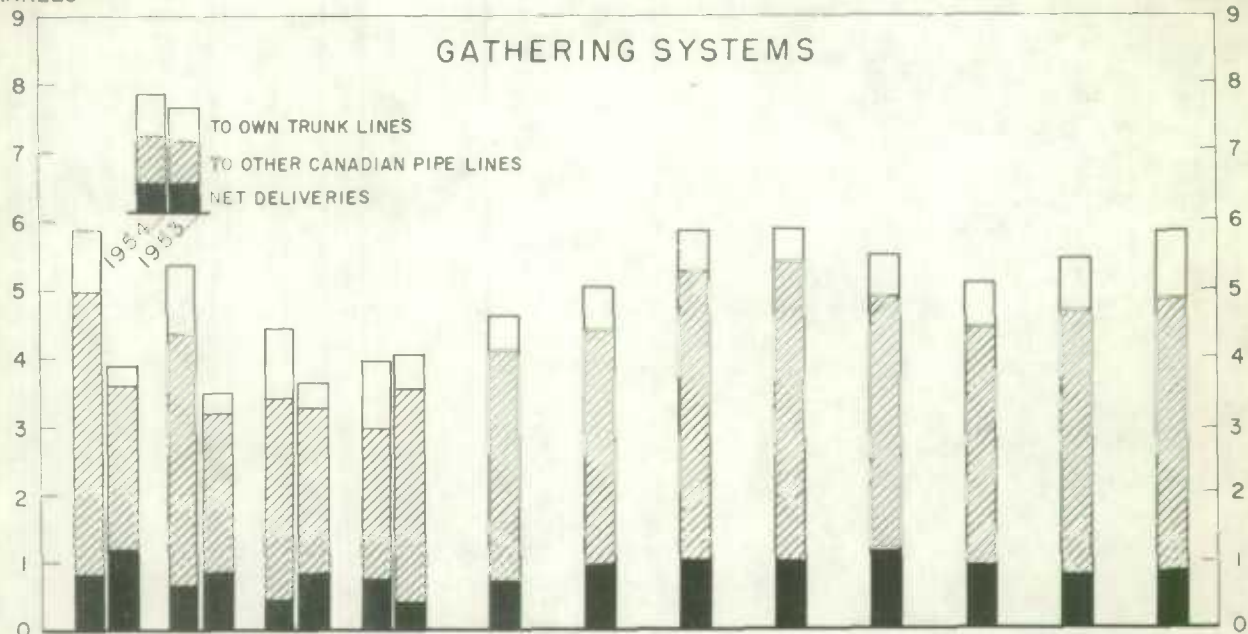
- (1) Includes Amurex Oil Development Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Co. Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 2,564,545 bbls. products and 46,939 bbls. natural gasoline.
- (3) Includes 10,541,612 bbls. products and 181,568 bbls. natural gasoline.
- (4) Includes 2,565,832 bbls. products and 44,914 bbls. natural gasoline.
- (5) Includes 10,503,483 bbls. products and 176,634 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo-Canadian Oils, Limited, and Imperial Oil - Sarnia Products Pipe Line Division.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES

