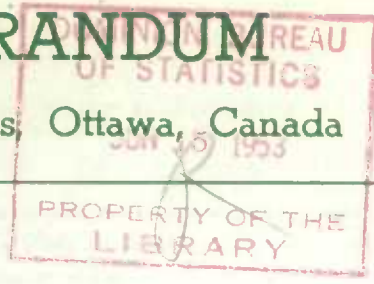


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Dominion Bureau of Statistics, Ottawa, Canada



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VOL. 3
NO. 3

PIPE LINES (OIL) STATISTICS

8504-508
29-5-53

MARCH, 1953

The March movement of oil through Canadian pipe lines stood at 351,784 barrels delivered daily. This represented a minor decline of 3.2 p.c. from the record 363,273 daily in February this year but was an impressive 60.3 p.c. above the 219,430 barrels delivered each day in March, 1952 and was almost double the 175,949 barrels a day reported for the same month of 1951.

A net 10,905,306 barrels flowed out of the Canadian pipe lines during March thus setting a new record for total deliveries in one month. This was 733,664 barrels higher than the February total of 10,171,642 and 4,102,989 barrels or over 60 p.c. above the 6,802,317 moved in March, 1952. Due to a change in reporting by the Imperial Pipe Line Company, Alberta totals for trunk line and gathering system deliveries are not comparable with those reported in 1952; however, combined totals for all lines are comparable. All provinces had increases over the net oil movement in March, 1952. Deliveries in the several provinces were (March, 1952 in brackets): Alberta 1,315,496 barrels (1,072,507); Saskatchewan 938,854 (747,738); Manitoba 2,113,005 (1,243,781); Ontario 2,187,284 (Nil*) and Quebec 4,350,667 barrels (3,738,291). Included in the Manitoba totals were: via Lakehead Pipe Line Co. to Superior, Wisconsin and thence mainly for shipment to Ontario refineries by lake tanker 1,626,429 (751,803) and delivered within the province 486,576 barrels (491,978).

March net receipts of oil for shipment by pipe line in Canada included 4,339,493 barrels of Alberta crude, 43,483 of Alberta natural gasoline, 37,798 barrels of Manitoba crude, 4,400,717 of imported crude and 2,180,246 barrels of refinery products. The petroleum products transported were produced by Ontario and Quebec refineries from both domestic and foreign crudes, and were consumed almost completely in Ontario.

Net deliveries of 31,802,249 barrels during the first three months of 1953 were 11,300,623 barrels or 35 p.c. above the 20,501,626 delivered in the like period of 1952. Deliveries in each province during the three months were (1952 data in brackets): Alberta 4,233,465 barrels (3,345,624); Saskatchewan 3,232,668 (2,317,125); Manitoba 5,527,661 (3,865,168); Ontario 5,403,711 (Nil*) and Quebec 13,404,744 barrels (10,973,709). The total for Manitoba included oil en route to Superior. This movement of 4,099,509 barrels was up 1,795,973 or 78 p.c. from the first quarter of 1952 when 2,303,536 barrels were transferred. Oil delivered to points within the province declined 8 p.c. from 1,561,632 barrels to 1,428,152 barrels in a like comparison.

Gathering systems handled a daily average of 117,722 barrels in March, well ahead of the 99,104 moved each day in March, 1952. An average 376,518 barrels were handled per diem by trunk lines compared with 267,108 per day the previous March. The change in reporting by Imperial Pipe Line Co. resulted in a smaller trunk line total for the current March than would otherwise have been compiled. Oil transport accomplished by trunk lines in March, 1953 totalled 2,917 million barrel miles against 1,650 million one year earlier. Three month totals to March 31st were: for 1953, 8,112 million barrel miles and for 1952, 5,105 million. The average length of haul in March, 1953 was 250 miles as against 199 miles in the corresponding period a year earlier.

Earnings of 875 employees reported for March were \$341,447 while the 869 employed in February received \$300,953. Some 619 persons had earnings of \$203,182 in March of 1952. Employment thus increased 41.4 p.c., and earnings 68.0 p.c. as compared with the same month of 1952.

The Montreal Pipe Line delivered 4,350,667 barrels during March to bring its first quarter total to 13,404,744. Imperial Pipe Line reported a daily movement of 96,558 barrels in its gathering system in March and 101,302 barrels per day in the first three months of the year. A daily 140,344 barrels was handled by the Montreal line. Operating revenues of Interprovincial Pipe Line Company to March 31st, 1953 were \$2,682,266 or 52.2 p.c. of the total \$5,143,278 for all companies. Comparison with earnings during the first quarter of 1952 shows Interprovincial up \$373,284 or 16.2 p.c.; Imperial Pipe Line Co. up 11.0 p.c. from \$651,976 to \$723,488, Montreal Pipe Line Co. improved 16.6 p.c. from \$381,109 to \$444,475 and all companies up \$1,407,451 or 37.7 p.c.

* Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line 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 Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

Total Received into Systems - all companies -	<u>Barrels</u>
during first three months of 1953, per table 6	43,997,516
Received into Trunk Lines from Other Canadian Pipe Lines	11,829,501
"Net Received" into Canadian Pipe Line Systems	32,168,015
"Net Received" into trunk Systems per table 1	21,082,743
"Net Received" into Gathering Systems per table 2	11,085,272
 Total Delivered out of Systems - all companies -	
during first three months of 1953, per table 6	43,629,981
Delivered to other Canadian Pipe Lines	11,827,732
"Net Delivered" from Canadian Pipe Line Systems	31,802,249
"Net Delivered" from Trunk Systems per table 1	28,910,601
"Net Delivered" from Gathering Systems per table 2	2,891,648

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 the three-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - MARCH 1953

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1953	2,999,353	
Total Carriers Balances - January 1, 1953	173,577	3,172,930
Received into Gathering Systems January 1 to March 31, 1953	11,085,272	
Received into Trunk Systems January 1 to March 31, 1953	33,877,176	44,962,448
Total oil accountable for Period		48,135,378
Delivered from Gathering Systems January 1 to March 31, 1953	11,052,800	
Delivered from Trunk Systems January 1 to March 31, 1953	33,542,113	44,594,913
Balance to be accounted for at March 31, 1953		3,540,465
Oil consumed as fuel and losses		43,659
Balance on hand - March 31, 1953		3,496,806
Total Shippers Balances - March 31, 1953	3,285,919	
Total Carriers Balances - March 31, 1953	210,887	

Two trunk lines cross 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 two pipe lines follows:

Month	Transit and Storage Co.	Sun Pipe Line Co.
	Crude Petroleum	Fuel and Other Refined Oil
	Barrels	Barrels
March, 1952	848,035	69,504
February, 1953	1,007,041	48,577
March, 1953	1,117,561	46,552
Year to Date 1953 (3 months)	3,251,327	147,818

TABLE 1

OIL[/] CARRIED BY PIPE LINES - TRUNK

	MARCH 1 9 5 3	FEBRUARY 1 9 5 3	x MARCH 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	11,777,666	10,871,738	8,370,767	33,877,178
Less: Received from other Canadian pipe lines -				
2. Own gathering system	368,572	292,221	1,555,531	964,932
3. Other pipe lines - Gathering	1,479,423	1,474,579	1,392,710	4,672,390
4. Trunk	2,570,147	2,333,766	1,613,732	7,157,111
5. Net Received (6+7+8)	7,359,524	6,771,172	3,808,794	21,082,743
6. Originating on own trunk lines	2,921,009	2,382,817	-	7,502,809
7. Received from foreign pipe line connections	4,400,717	4,347,776	3,739,381	13,461,428
8. Received from other carriers (rail & truck)	37,798	40,579	69,413	118,808
9. Total Delivered * (10+11)	11,672,062	10,765,372	8,280,359	33,542,113
10. Less: Delivered to other Canadian trunk lines	1,609,175	1,452,183	1,603,649	4,631,512
11. Net Delivered (12+13+14)	10,062,887	9,313,189	6,676,710	28,910,601
12. Terminated on own trunk lines	8,436,458	8,031,577	5,924,907	24,811,092
13. Delivered to foreign pipe line connections	1,626,429	1,281,612	751,803	4,099,509
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

[/] Includes products and natural gasoline.

TABLE 2

OIL[/] CARRIED BY PIPE LINES - GATHERING

	MARCH 1 9 5 3	FEBRUARY 1 9 5 3	MARCH 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	3,642,213	3,490,649	3,046,685	11,085,272
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	3,642,213	3,490,649	3,046,685	11,085,272
18. Originating on own gathering system	3,538,576	3,380,516	3,032,704	10,763,505
19. Received from other carriers (rail & truck)	103,637	110,133	13,981	321,767
20. Total Delivered * (21+22+23)	3,642,213	3,490,649	3,046,685	11,085,272
Less: Delivered to other pipe lines -				
21. Own Trunk system	368,572	292,221	1,555,531	964,932
22. Other pipe lines	2,438,401	2,339,382	1,391,095	7,196,220
23. Net Delivered (24+25)	842,419	858,453	125,607	2,891,648
24. Terminated on gathering systems	743,984	706,857	28,699	2,358,577
25. Delivered to other carriers (rail & truck)	98,435	151,596	96,908	533,071

* Includes duplications.

[/] Includes natural gasoline.

x Revised.

TABLE 3

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

Province	MARCH	FEBRUARY	MARCH	YEAR TO DATE
	1 9 5 3	1 9 5 3	1 9 5 2	1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	3,642,213	3,490,649	3,046,685	11,085,272
- Trunk	740,763	680,610	69,413	2,109,518
Manitoba - Trunk	37,798	40,679	-	118,806
Ontario (2) - Trunk	1,182,014	1,090,003	-	3,212,382
Quebec (3) - Trunk	5,398,949	4,959,980	3,739,381	15,642,037
Net Received - Trunk	7,359,524	6,771,172	3,808,794	21,082,743
Total	11,001,737	10,261,821	6,855,479	32,168,015

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	MARCH	FEBRUARY	MARCH	YEAR TO DATE
	1 9 5 3	1 9 5 3	1 9 5 2	1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	842,419	858,453	125,607	2,891,648
- Trunk	473,077	470,492	946,900	1,341,817
Saskatchewan - Trunk	938,854	1,071,621	747,738	3,232,668
Manitoba † - Trunk	2,113,005	1,732,736	1,243,781	5,527,661
Ontario (2) - Trunk	2,187,284	1,701,198	-	5,403,711
Quebec - Trunk	4,350,667	4,337,142	3,738,291	13,404,744
Net Delivered - Trunk	10,062,887	9,313,189	6,676,710	28,910,601
Total	10,905,306	10,171,642	6,802,317	31,802,249
† Including deliveries to U.S. pipe lines at Gretna, Man.	1,626,429	1,281,512	751,803	4,099,509

TABLE 5

OPERATING STATISTICS

		MARCH	FEBRUARY	x MARCH	YEAR TO DATE
		1 9 5 3	1 9 5 3	1 9 5 2	1 9 5 3
Barrels Handled - Daily Average					
Gathering Systems	Barrels	117,722	124,645	99,104	122,809
Trunk Lines	"	376,518	384,478	267,108	372,690
Total Barrel Miles (Trunk Lines)	Millions	2,917	2,565	1,650	8,112
Average Miles per Barrel (Trunk Lines)	Miles	249.9	238.2	199.2	241.8
Employees and Earnings (6)					
Average Number (4)	No.	875	869	619	875
Total Salaries and Wages	\$	341,447	300,953	203,182	952,731
Man Hours Worked by Wage Earners (5)(6)	Hours	51,000	44,327	35,822	143,833

- (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
MARCH, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC			<u>Barrels</u>		
<u>Total Received into System</u>					
This month (March, 1953)	2,825,280	3,144,862	4,400,717	(2) 4,680,448	15,051,307
This year (3 months)	8,960,776	9,226,441	13,461,428	(3) 12,348,871	43,997,516
<u>Total Delivered out of System</u>					
This month (March, 1953)	2,993,303	3,101,559	4,350,667	(4) 4,507,353	14,952,882
This year (3 months)	9,117,167	8,996,295	13,404,744	(5) 12,111,775	43,629,981
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (March, 1953)	96,558	-	-	21,164	117,722
This year (3 months)	101,302	-	-	21,507	122,809
<u>Trunk Lines</u>					
This month (March, 1953)	-	100,050	140,344	136,124	376,518
This year (3 months)	-	99,959	148,942	123,789	372,690
<u>Total Barrel Miles</u>			<u>Miles</u>		
(Trunk Lines - in millions)					
This month (March, 1953)	-	2,003	320	594	2,917
This year (3 months)	-	5,647	985	1,480	8,112
<u>Average Miles Per Barrel</u>					
(Trunk Lines)					
This month (March, 1953)	-	646.0	73.6	140.8	249.9
This year (3 months)	-	628.0	73.6	132.9	241.8
Revenues and Employees					
	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
<u>OPERATING REVENUES</u>			<u>Dollars</u>		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
<u>EMPLOYEES AND EARNINGS</u>			<u>Number</u>		
Number of employees (March, 1953)	216	317	37	305	875
<u>Salaries and Wages</u>			<u>Dollars</u>		
This month (March, 1953)	72,722	124,468	13,760	130,497	341,447
This year (3 months)	213,433	360,732	40,371	338,195	952,731
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (March, 1953)	28,445	1,394	352	20,809	51,000
This year (3 months)	81,427	2,774	1,009	58,623	143,833

- (1) Anglo-Canadian Oils Limited
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Oil Company
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Co. Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Saskatoon Pipe Line Company
 Texaco Exploration Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited

∅ Totals include duplications between companies.

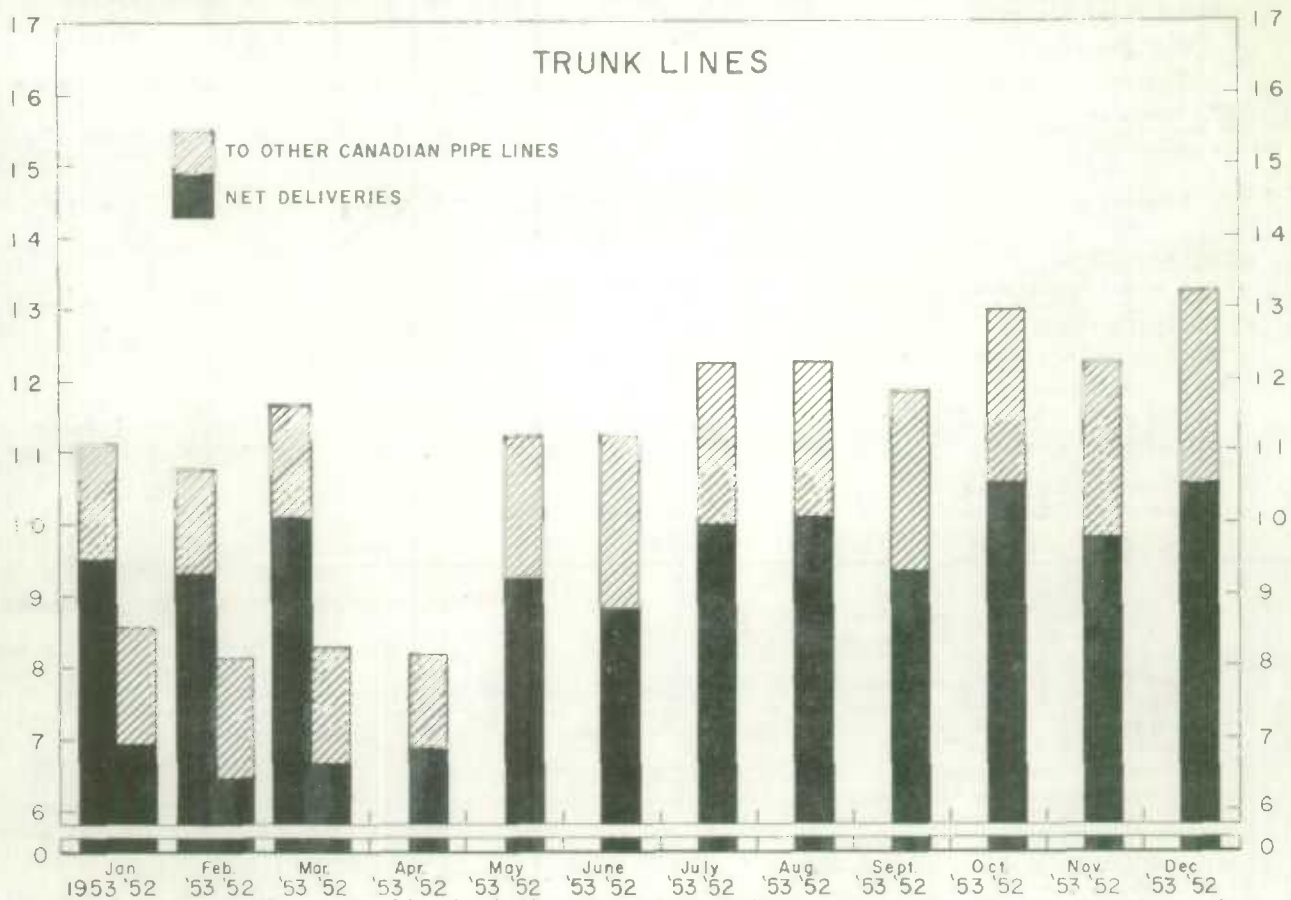
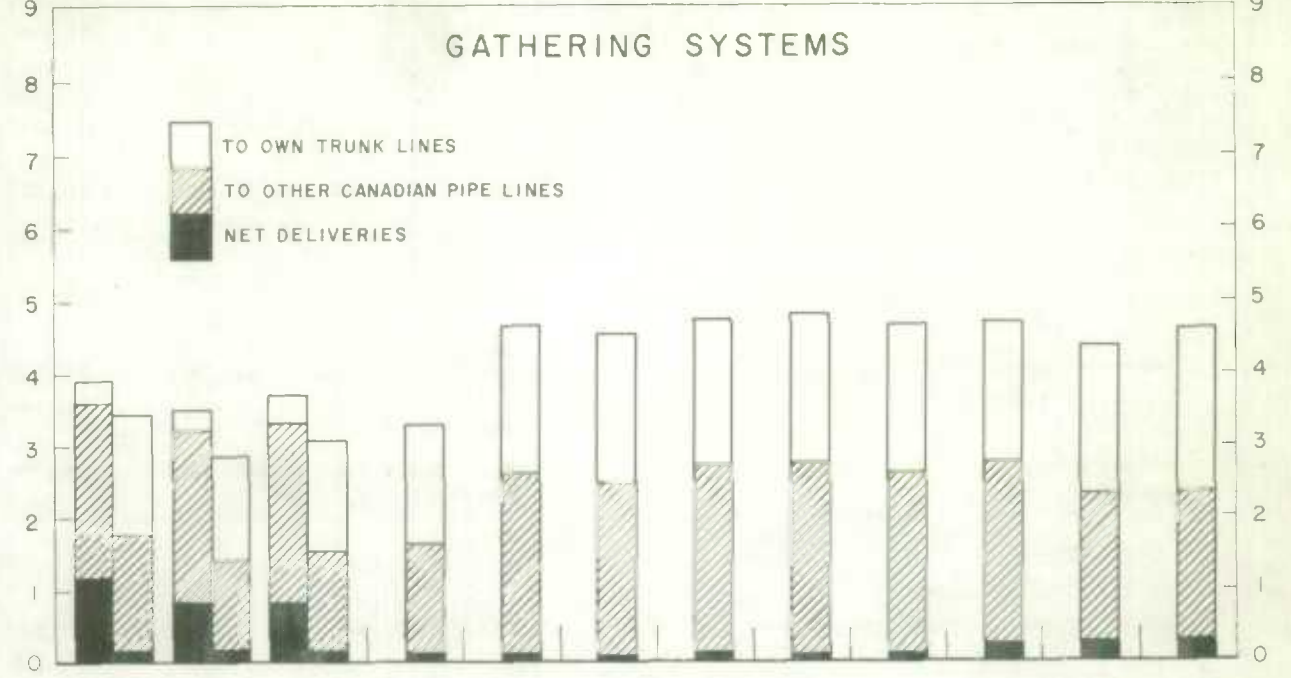
- (6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Oil Company
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Company Limited
 Saskatoon Pipe Line Company
 Texaco Exploration Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited

- (2) Includes 2,180,246 bbls. products and 43,483 bbls. natural gasoline
 (3) " 5,392,991 " " 133,258 " " "
 (4) " 2,187,284 " " 42,982 " " "
 (5) " 5,403,711 " " 132,148 " " "

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION
BARRELS

MILLION
BARRELS



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.