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PIPE LINES (OIL) STATISTICS

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MAY, 1953

A net daily average of 394,082 barrels of oil delivered out of Canadian pipe lines during the 31 days of May established another new record for deliveries, the previous high having been 369,900 barrels daily in April. In May of 1952, by comparison, daily deliveries were only 307,366 barrels. Thus volume in the current May increased 28.2 p.c. over that handled in the previous May. Greatly increased deliveries of crude in Saskatchewan, and in-transit to Ontario via the Great Lakes, as well as that for refined oils in Ontario, contributed to the indicated rise.

Net deliveries during the month totalled 12,216,543 barrels and inaugurated the first time that the 12 million barrel mark of deliveries has been achieved in any one month. This total was up 1,119,533 barrels from the April total of 11,097,010 and 2,688,199 barrels above the May, 1952 movement. Saskatchewan, Manitoba and Ontario recorded increased net deliveries during May, a slight decline occurred in Quebec but Alberta was down over 25 p.c. Comparison of deliveries in the two periods follows (May, 1952 data in brackets): Alberta 992,009 (1,328,836); Saskatchewan 1,235,124 barrels (797,559); Manitoba 3,446,968 (3,064,186); Ontario 2,372,966 (146,382) and Quebec 4,169,476 barrels (4,191,381). Oil transferred to the Lakehead Pipe Line Co. and destined principally for Ontario ports is included in Manitoba deliveries. These deliveries amounted to 3,176,931 barrels in the current May compared with 2,532,734 in May, 1952.

Net receipts of oil for movement in Canadian pipe lines during May included 5,563,223 barrels of Alberta crude, 32,982 of Alberta natural gasoline, 29,240 of Manitoba crude, 4,210,833 of imported crude and 2,372,884 barrels of refined oils produced in Ontario and Quebec.

During the five months to May 31, 1953 a net total delivery of 55,115,802 barrels produced a 48.5 p.c. increase over the 37,126,068 barrels delivered in the corresponding period of 1952. Deliveries out of pipe lines in each province to the end of May were (1952 data in brackets): Alberta 5,950,245 barrels (6,008,369); Saskatchewan 5,602,506 (3,834,093); Manitoba 12,001,556 (8,285,439); Ontario 9,953,693 (244,768) and Quebec 21,607,802 barrels (18,753,399). Manitoba totals included 9,778,953 barrels (5,881,814) transferred to the United States sector of the Interprovincial Pipe Line and scheduled principally for delivery to Ontario points by lake tanker.

Gathering systems handled an average of 149,269 barrels per day during May, down some 678 barrels from the 149,947 per day in May, 1952. Trunk deliveries again established a new record at 433,176 barrels per day, some 66,656 above the daily 366,520 delivered during the previous May.

The average length of haul by trunk lines in May was 312.6 miles and traffic movement passed the 4 billion barrel miles mark for the first time at 4.2 billion. Trunk movement in the previous May totalled 3.2 billion barrel miles and the average distance a barrel of oil moved was 280 miles. Total traffic movement of nearly 16.2 billion barrel miles was achieved in the first five months of this year compared with some 10 billion in the like period of last year.

Persons employed in May numbered 920 and earned \$319,795, while the 668 persons employed in May of 1952 had earnings of \$228,658. Wage earners worked 47,865 hours in May versus 43,272 one year earlier.

In the five months ended May 31, 1953 the Montreal Pipe Line delivered a total of 21,607,802 barrels including 4,169,476 in the month reviewed. The Interprovincial Pipe Line delivered 149,739 barrels daily in May and performed a traffic movement of 3.2 billion barrel miles, both new records for the company. Imperial Pipe Line deliveries from the company's gathering system were an average 122,913 barrels per day during the month bringing the daily average for the year to date to 107,392 barrels.

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.

Price per year \$1.00

Prepared in the 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.

Total Received into Systems - all companies -	Barrels
during first five months of 1953, per table 6	77,502,424
Received into Trunk Lines from Other Canadian Pipe Lines	21,934,755
"Net Received" into Canadian Pipe Line Systems	55,567,669
"Net Received" into Trunk Systems per table 1	35,794,382
"Net Received" into Gathering Systems per table 2	19,773,287
Total Delivered out of Systems - all companies -	
during first five months of 1953, per table 6	77,429,591
Delivered to other Canadian Pipe Lines	22,313,789
"Net Delivered" from Canadian Pipe Line Systems	55,115,802
"Net Delivered" from Trunk Systems per table 1	51,081,659
"Net Delivered" from Gathering Systems per table 2	4,034,143

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 five month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - MAY, 1953

	Barrels	Barrels
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 May 31, 1953	19,773,287	
Received into Trunk Systems January 1 to May 31, 1953	59,715,469	79,488,756
Total oil accountable for Period		82,661,686
Delivered from Gathering Systems January 1 to May 31, 1953	19,728,811	
Delivered from Trunk Systems January 1 to May 31, 1953	59,687,112	79,415,923
Balance to be accounted for at May 31, 1953		3,245,763
Oil consumed as fuel and losses		101,719
Balance on hand - May 31, 1953		3,144,044
Total Shippers Balances - May 31, 1953	2,919,781	
Total Carriers Balances - May 31, 1953	224,263	

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. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	Barrels	Barrels
May, 1952	488,219	40,310
April, 1953	979,252	52,693
May, 1953	146,321	54,865
Year to Date 1953 (5 months)	4,376,900	255,076

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	MAY 1953	APRIL 1953	x MAY 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	13,315,717	12,522,575	11,185,244	59,715,469
Less: Received from other Canadian pipe lines -				
2. Own gathering system	523,168	498,232	2,038,934	1,986,332
3. Other pipe lines - Gathering	1,942,900	1,752,885	2,494,227	8,368,175
4. Trunk	3,238,666	3,170,803	1,954,443	13,566,580
5. Net Received (6+7+8)	7,610,983	7,100,655	4,697,640	35,744,382
6. Originating on own trunk lines	3,370,910	3,064,992	398,716	13,938,412
7. Received from foreign pipe line connections	4,210,833	4,005,402	4,148,328	21,677,663
8. Received from other carriers (rail & truck)	29,240	30,261	150,596	178,307
9. Total Delivered * (10+11)	13,428,444	12,716,555	11,362,122	59,687,112
10. Less: Delivered to other Canadian trunk lines	1,933,938	2,040,003	1,953,940	8,605,453
11. Net Delivered (12+13+14)	11,494,506	10,676,552	9,408,182	51,081,659
12. Terminated on own trunk lines	8,317,575	8,174,039	6,875,448	41,302,706
13. Delivered to foreign pipe line connections	3,176,531	2,502,513	2,532,734	9,778,953
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

/ Includes products and natural gasoline.

x Revised.

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	MAY 1953	APRIL 1953	x MAY 1952	YEAR TO DATE 1953
	barrels	Barrels	barrels	Barrels
15. Total Received (16+17)	4,598,179	4,089,836	4,669,742	19,773,287
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	4,598,179	4,089,836	4,669,742	19,773,287
18. Originating on own gathering system	4,492,865	4,020,519	4,652,627	19,276,889
19. Received from other carriers (rail & truck)	105,314	69,317	17,115	496,398
20. Total Delivered * (21+22+23)	4,627,331	4,048,680	4,648,361	19,728,811
Less: Delivered to other pipe lines -				
21. Own Trunk system	523,168	498,232	2,038,934	1,986,332
22. Other pipe lines	3,382,126	3,129,990	2,489,265	13,708,336
23. Net Delivered (24+25)	722,037	420,458	120,162	4,034,143
24. Terminated on gathering systems	662,030	358,945	35,899	3,379,552
25. Delivered to other carriers (rail & truck)	60,007	61,513	84,263	654,591

* Includes duplications.

/ Includes natural gasoline.

x Revised

TABLE 3

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

Province	MAY 1953	APRIL 1953	x MAY 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	4,598,179	4,089,836	4,669,742	19,773,287
- Trunk	998,026	885,741	395,776	3,993,286
Manitoba - Trunk	29,240	30,261	-	178,397
Ontario (2) - Trunk	1,156,349	1,154,496	153,536	5,563,227
Quebec (3) - Trunk	5,387,368	5,030,157	4,148,328	26,059,562
Net Received - Trunk	7,610,983	7,100,655	4,697,640	29,794,382
Total	12,209,162	11,190,491	9,367,382	55,567,669

TABLE 4

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

OR WERE TRANSFERRED TO OTHER CARRIERS

Province	MAY 1953	APRIL 1953	x MAY 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	722,037	420,458	120,162	4,034,143
- Trunk	269,972	304,313	1,208,674	1,916,102
Saskatchewan - Trunk	1,235,124	1,134,714	797,559	5,602,506
Manitoba - Trunk	3,446,968	3,026,927	3,064,186	12,001,556
Ontario (2) - Trunk	2,372,966	2,177,016	146,382	9,953,693
Quebec - Trunk	4,169,476	4,033,582	4,191,381	21,607,802
Net Delivered - Trunk	11,494,506	10,676,552	9,408,182	51,081,659
Total	12,216,543	11,097,010	9,528,344	55,115,802
Including deliveries to U.S. pipe lines at Gretna, Man.	3,176,931	2,025,513	2,532,734	9,778,953

TABLE 5

OPERATING STATISTICS

	MAY 1953	APRIL 1953	x MAY 1952	YEAR TO DATE 1953
Barrels Handled - Daily Average				
Gathering Systems Barrels	149,269	134,956	149,947	130,654
Trunk Lines "	433,176	423,885	366,520	395,279
Total Barrel Miles (Trunk Lines) Millions	4,198	3,857	3,182	16,167
Average Miles per Barrel (Trunk Lines) Miles	312.6	303.3	280.0	270.9
Employees and Earnings (6)				
Average Number (4) No.	920	896	668	888
Total Salaries and Wages \$	319,795	308,246	228,658	1,580,772
Man Hours Worked by Wage Earners (5) (6) Hours	47,865	49,525	43,272	241,223

- (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

MAY, 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			Barrels		
<u>Total Received into System</u>					
This month (May, 1953)	3,781,165	4,508,105	4,210,833	(2) 4,890,625	17,390,728
This year (5 months)	16,215,683	17,742,483	21,677,663	(3) 21,866,595	77,502,424
<u>Total Delivered out of System</u>					
This month (May, 1953)	3,810,311	4,641,907	4,169,476	(4) 4,910,913	17,532,607
This year (5 months)	16,216,119	17,839,212	21,607,802	(5) 21,766,458	77,429,591
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (May, 1953)	122,913	-	-	26,356	149,269
This year (5 months)	107,392	-	-	23,262	130,654
<u>Trunk Lines</u>					
This month (May, 1953)	-	149,739	134,499	148,938	433,176
This year (5 months)	-	118,140	143,098	134,041	395,279
<u>Total Barrel Miles</u>			Miles		
<u>(Trunk Lines - in millions)</u>					
This month (May, 1953)	-	3,202	307	689	4,198
This year (5 months)	-	11,759	1,590	2,818	16,167
<u>Average Miles Per Barrel</u>					
<u>(Trunk Lines)</u>					
This month (May, 1953)	-	690.0	73.6	149.2	312.6
This year (5 Months)	-	659.0	73.6	139.2	270.9

Revenues and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
OPERATING REVENUES			Dollars		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
EMPLOYEES AND EARNINGS			Number		
Number of employees (May, 1953)	224	350	50	296	920
<u>Salaries and Wages</u>			Dollars		
This month (May, 1953)	74,659	125,102	15,245	104,789	319,795
This year (5 months)	359,827	613,017	69,565	538,363	1,580,772
<u>Man Hours Worked by Wage Earners</u>			Hours		
This month (May, 1953)	27,656	81	1,516	18,612	47,865
This year (5 months)	136,198	4,541	3,055	97,429	241,223

- (1) 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 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

Ø Totals include duplication between companies.

- (6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line Limited
 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

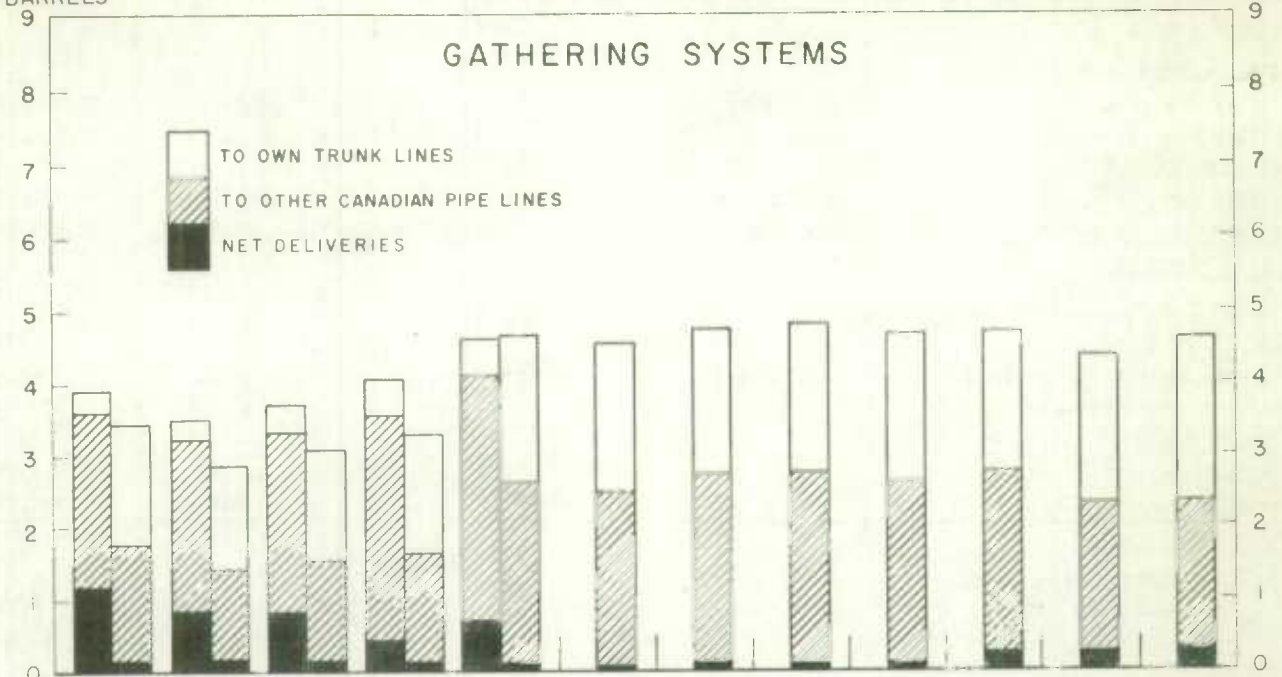
- (2) Includes 2,372,884 bbls. products and 32,982 bbls. natural gasoline
 (3) " 9,945,126 " " " 204,992 " " "
 (4) " 2,372,966 " " " 32,901 " " "
 (5) " 9,953,693 " " " 203,143 " " "

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

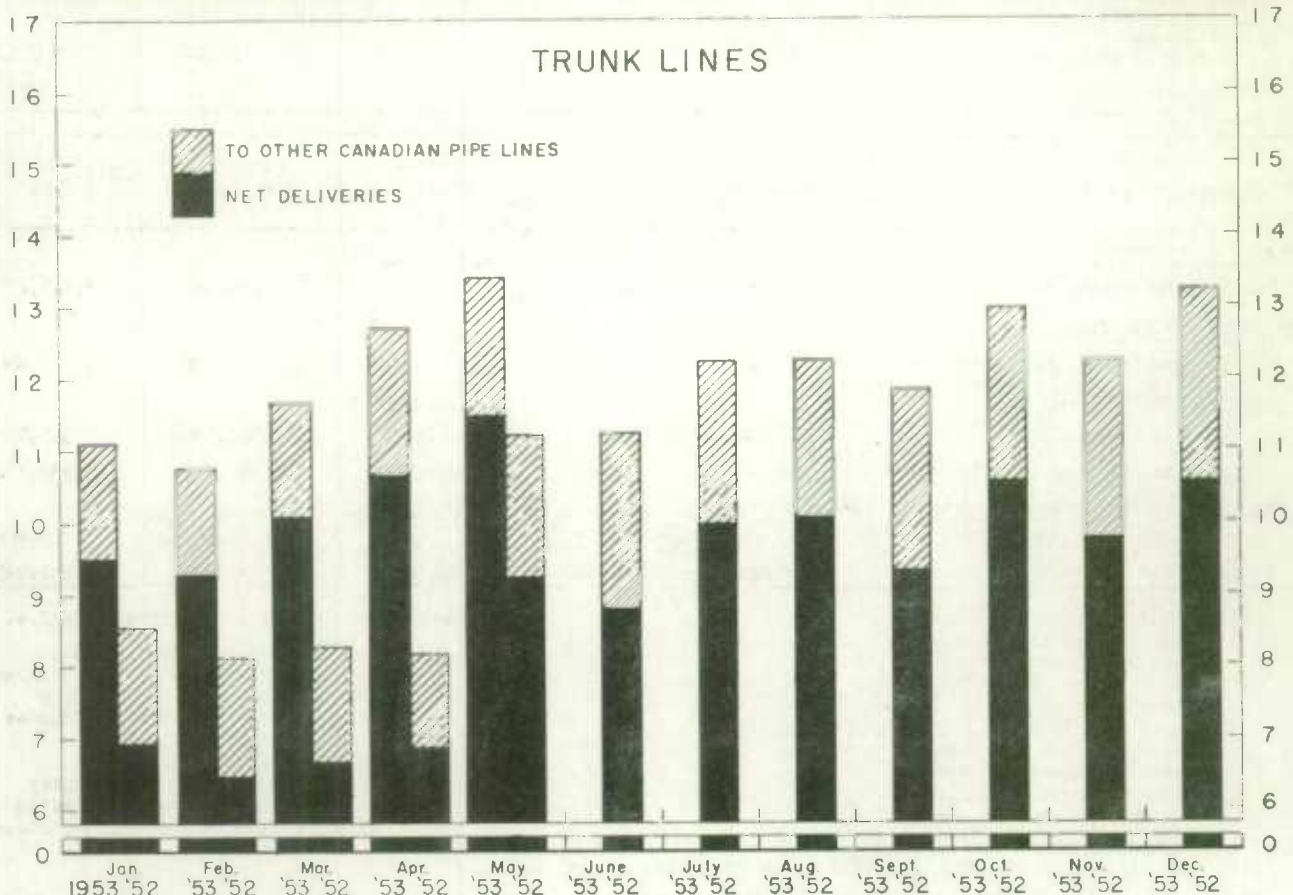
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



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