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PIPE LINES (OIL) STATISTICS

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FEBRUARY, 1953

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A daily net average of 363,273 barrels of oil delivered out of Canadian pipe lines during the 28 days of February established a new record for deliveries, the previous high having been 349,965 barrels daily in December, 1952. The February record compares with deliveries of 345,977 barrels a day in January of this year and 228,780 each day during February, 1952. The two products pipe lines which operate in Ontario and Quebec have contributed heavily to the vastly increased winter movement of petroleum and its products by Canada's pipe line industry. A further factor encouraging the increased movement has been the extra refining capacity installed during 1952 at various points in the Prairie Provinces as well as in Ontario and Quebec.

Net deliveries during the month totalled 10,171,642 barrels, down 553,659 from the January total of 10,725,301 but 3,537,023 barrels above the February, 1952 movement. The Imperial Pipe Line Company commenced in January the reporting of all their operations in Alberta as those of a gathering system. This change in method has resulted in Alberta totals for gathering and trunk deliveries which are not comparable with those reported in 1952. All provinces registered increases over net trunk and gathering line movement in February, 1952, the comparison between the two periods being as follows (February, 1952 data shown in brackets): Alberta 1,328,945 barrels (983,031); Saskatchewan 1,071,621 (757,306); Manitoba 1,732,736 (1,327,843); Ontario 1,701,198 (nil*) and Quebec 4,337,142 barrels (3,566,439). Oil transferred to the Lakehead Pipe Line Co. and destined principally for Ontario ports, is included in Manitoba deliveries. These deliveries amounted to 1,281,612 barrels in the current February compared with 775,626 during February, 1952.

Net receipts of oil for movement in Canadian pipe lines during February included 4,130,427 barrels of Alberta crude, 40,832 of Alberta natural gasoline, 40,579 of Manitoba crude, 4,347,776 of imported crude and 1,702,207 barrels of refinery products produced in Ontario and Quebec.

In January and February, 1953 a net total of 20,896,943 barrels delivered brought a 52.5 p.c. increase over the 13,699,309 barrels delivered in the corresponding period of 1952. Deliveries out of pipelines in each province to the end of February were (1952 data in brackets): Alberta 2,917,969 barrels (2,273,117); Saskatchewan 2,293,814 (1,569,387); Manitoba 3,414,656 (2,621,387); Ontario 3,216,427 (Nil*) and Quebec 9,054,077 (7,235,418) barrels. Manitoba totals included 2,473,080 barrels (1,551,733) transferred to the United States sector of the Interprovincial Pipe Line and scheduled principally for delivery to Ontario points by lake tanker after the opening of navigation on the Great Lakes.

Gathering systems handled an average of 124,645 barrels per day during February, up some 25,804 barrels over the 98,841 per day in February, 1952. The change in reporting by the Imperial Pipe Line Co. resulted in somewhat lower trunk line data for February than would have occurred had the method of reporting remained the same. Trunk deliveries, however, stood at the high level of 384,478 barrels handled daily. This was 104,406 barrels per day above the February, 1952 figure of 280,072 barrels.

The average length of haul by trunk lines in February, 1953 was 238.2 miles and the traffic movement totalled 2,565 million barrel miles. Trunk movement in the previous February totalled 1,717 million barrel miles and the average haul or distance per barrel was 211.4 miles. Total traffic of nearly 5.2 billion barrel miles was achieved in the first two months of this year compared with less than 3.5 billion in January and February of 1952.

Persons employed in February numbered 869 and they earned \$300,953, while the 607 persons employed in February of 1952 had earnings of \$197,998. Wage earners worked 44,327 hours in February versus 35,001 one year earlier.

In the two months ended February 28, 1953 the Montreal Pipe Line delivered 9,054,077 barrels including 4,337,142 during the month under review. The Imperial Pipe Line in Alberta, which now shows all deliveries as gathering system deliveries reported a daily average of 102,656 barrels handled in February and a daily 103,794 for the first two months. Montreal Pipe Line Co. handled a record 154,898 barrels per day in its trunk lines during February bringing the average for that company in the first 59 days of 1953 to 153,459 barrels daily.

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 intercompany transfers of oil. These differences are accounted for in the following table.

Total Received into Systems - all companies - during	Barrels
first two months of 1953 per table 6	28,346,209
Received into Trunk Lines from Other Canadian Pipe Lines	7,779,931
"Net Received" into Canadian Pipe Line Systems	21,166,278
"Net Received" into Trunk Systems per table 1	13,723,219
"Net Received" into Gathering Systems per table 2	7,443,059
Total Delivered out of Systems - all companies - during	Barrels
first two months of 1953, per table 6	28,677,099
Delivered to other Canadian Pipe Lines	7,780,156
"Net Delivered" from Canadian Pipe Line Systems	20,896,943
"Net Delivered" from Trunk Systems per table 1	18,847,714
"Net Delivered" from Gathering Systems per table 2	2,049,229

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

OIL BALANCE - ALL COMPANIES - JANUARY - FEBRUARY, 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 February 28, 1953	7,443,059	
Received into Trunk Systems January 1 to February 28, 1953	22,099,510	29,542,569
Total oil accountable for period		32,715,499
Delivered from Gathering Systems, January 1 to February 28, 1953	7,403,408	
Delivered from Trunk Systems, January 1 to February 28, 1953	21,870,051	29,273,459
Balance to be accounted for at February 28, 1953		3,442,040
Oil consumed as fuel and losses		23,574
Balance on hand - February 28, 1953		3,418,466
Total Shippers Balances - February 28, 1953	3,198,375	
Total Carriers Balances - February 28, 1953	220,091	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their 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 Barrels	Sun Pipe Line Co. Fuel and Other Refined Oil Barrels
February, 1952	1,008,903	53,434
January, 1953	1,126,725	52,689
February, 1953	1,007,041	48,577
Year to Date, 1953 (two months)	2,133,766	101,266

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	FEBRUARY 1953	JANUARY 1953	FEBRUARY 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	10,871,738	11,227,772	7,977,771	22,099,510
Less: Received from other Canadian pipe lines-				
2. Own gathering system	292,221	304,139	1,471,302	596,360
3. Other pipe lines - Gathering	1,474,579	1,718,388	1,247,817	3,192,967
4. Trunk	2,333,766	2,253,198	1,638,639	4,586,964
5. Net Received (6+7+8)	6,771,172	6,952,047	3,620,013	13,723,219
6. Originating on own trunk lines	2,382,817	2,198,683	-	4,581,500
7. Received from foreign pipe line connections	4,347,776	4,712,935	3,535,900	9,060,711
8. Received from other carriers (rail & truck)	40,579	40,429	84,113	81,008
9. Total Delivered* (10+11)	10,765,372	11,104,679	8,122,084	21,870,051
10. Less: Delivered to other Canadian trunk lines	1,452,183	1,570,154	1,638,363	3,022,337
11. Net Delivered (12+13+14)	9,313,189	9,534,525	6,483,721	18,847,714
12. Terminated on own trunk lines	8,031,577	8,343,057	5,708,095	16,374,634
13. Delivered to foreign pipe line connections	1,281,612	1,191,468	775,626	2,473,080
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

† Includes products and natural gasoline.

x Revised.

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	FEBRUARY 1953	JANUARY 1953	FEBRUARY 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	3,490,649	3,952,410	2,850,212	7,443,059
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	3,490,649	3,952,410	2,850,212	7,443,059
18. Originating on own gathering system	3,380,516	3,844,413	2,842,313	7,224,929
19. Received from other carriers (rail & truck)	110,133	107,997	7,899	218,130
20. Total Delivered* (21+22+23)	3,490,056	3,913,352	2,866,390	7,403,408
Less: Delivered to other pipe lines -				
21. Own trunk system	292,221	304,139	1,471,302	596,360
22. Other pipe lines	2,339,382	2,418,437	1,244,190	4,757,819
23. Net Delivered (24+25)	858,453	1,190,776	150,898	2,049,229
24. Terminated on gathering systems	706,857	907,736	28,180	1,614,593
25. Delivered to other carriers (rail & truck)	151,596	283,040	122,718	434,636

* Includes duplications.

† Includes natural gasoline.

x Revised.

TABLE 3

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

Province		FEBRUARY 1953	JANUARY 1953	FEBRUARY 1952	YEAR TO DATE 1953
		Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾	- Gathering	3,490,649	3,952,410	2,850,212	7,443,059
	- Trunk	680,610	688,145	84,113	1,368,755
Manitoba	- Trunk	40,579	40,429	-	81,008
Ontario ⁽²⁾	- Trunk	1,090,003	940,365	-	2,030,368
Quebec ⁽³⁾	- Trunk	4,959,980	5,283,108	3,535,900	10,243,088
Net Received	- Trunk	6,771,172	6,952,047	3,620,013	13,723,219
	- Total	10,261,821	10,904,457	6,470,225	21,166,278

TABLE 4

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

Province		FEBRUARY 1953	x JANUARY 1953	FEBRUARY 1952	YEAR TO DATE 1953
		Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾	- Gathering	858,453	1,190,776	150,898	2,049,229
	- Trunk	470,492	398,248	832,133	868,740
Saskatchewan	- Trunk	1,071,621	1,222,193	757,306	2,293,814
Manitoba //	- Trunk	1,732,736	1,681,920	1,327,843	3,414,656
Ontario ⁽²⁾	- Trunk	1,701,198	1,515,229	-	3,216,427
Quebec	- Trunk	4,337,142	4,716,935	3,566,439	9,054,077
Net Delivered	- Trunk	9,313,189	9,534,525	6,483,721	18,847,714
	Total	10,171,642	10,725,301	6,634,619	20,896,943
// Including deliveries to U.S. pipe lines at Gretna, Man.		1,281,612	1,191,468	775,626	2,473,080

TABLE 5

OPERATING STATISTICS

		FEBRUARY 1953	JANUARY 1953	x FEBRUARY 1952	YEAR TO DATE 1953
Barrels Handled - Daily Average					
Gathering Systems	Barrels	124,645	126,237	98,841	125,481
Trunk Lines	"	384,478	x 358,215	280,072	370,679
Total Barrel Miles (Trunk Lines)	Millions	2,565	2,630	1,717	5,195
Average Miles per Barrel (Trunk Lines)	Miles	238.2	236.9	211.4	237.5
Employees and Earnings (6)					
Average Number (4)	Number	869	881	607	875
Total Salaries and Wages	\$	300,953	310,331	197,998	611,284
Man Hours worked by Wage Earners (5)(6)	Hours	44,327	48,506	35,001	92,833

(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.

PIPE LINE STATISTICS, BY COMPANIES

TABLE 6

FEBRUARY, 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>Total Received into System</u>			<u>Barrels</u>		
This month (February, 1953)	2,877,627	3,028,303	4,347,776	(2) 3,816,460	14,070,166
This year (2 months)	6,135,496	6,081,579	9,060,711	(3) 7,668,423	28,946,209
<u>Total Delivered out of System</u>					
This month (February, 1953)	2,874,358	2,938,567	4,337,142	(4) 3,813,150	13,963,207
This year (2 months)	6,123,864	5,894,736	9,054,077	(5) 7,604,422	28,677,099
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (February, 1953)	102,656	-	-	21,989	124,645
This year (2 months)	103,794	-	-	21,687	125,481
<u>Trunk Lines</u>					
This month (February, 1953)	-	104,948	154,898	124,632	384,478
This year (2 months)	-	99,911	153,459	117,309	370,679
<u>Total Barrel Miles</u>			<u>Miles</u>		
<u>(Trunk Lines - in millions)</u>					
This month (February, 1953)	-	1,794	319	452	2,565
This year (2 months)	-	3,644	666	885	5,195
<u>Average Miles per Barrel</u>					
<u>(Trunk Lines)</u>					
This month (February, 1953)	-	611.0	73.5	129.5	238.2
This year (2 months)	-	618.0	73.6	127.9	237.5

EMPLOYEES	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
EMPLOYEES AND EARNINGS					
<u>Number of employees (February, 1953)</u>	217	313	<u>Number</u> 37	302	869
<u>Salaries and Wages</u>			<u>Dollars</u>		
This month (February, 1953)	66,502	119,265	13,198	101,988	300,953
This year (2 months)	140,711	236,264	26,611	207,698	611,284
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (February, 1953)	24,819	590	321	18,597	44,327
This year (2 months)	52,982	1,380	657	37,864	92,883

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

- (2) Includes 1,702,207 bbls. Products and 40,832 bbls. natural gasoline.
 (3) " 3,212,745 " " " 89,775 " " "
 (4) " 1,701,198 " " " 45,149 " " "
 (5) " 3,216,427 " " " 89,166 " " "



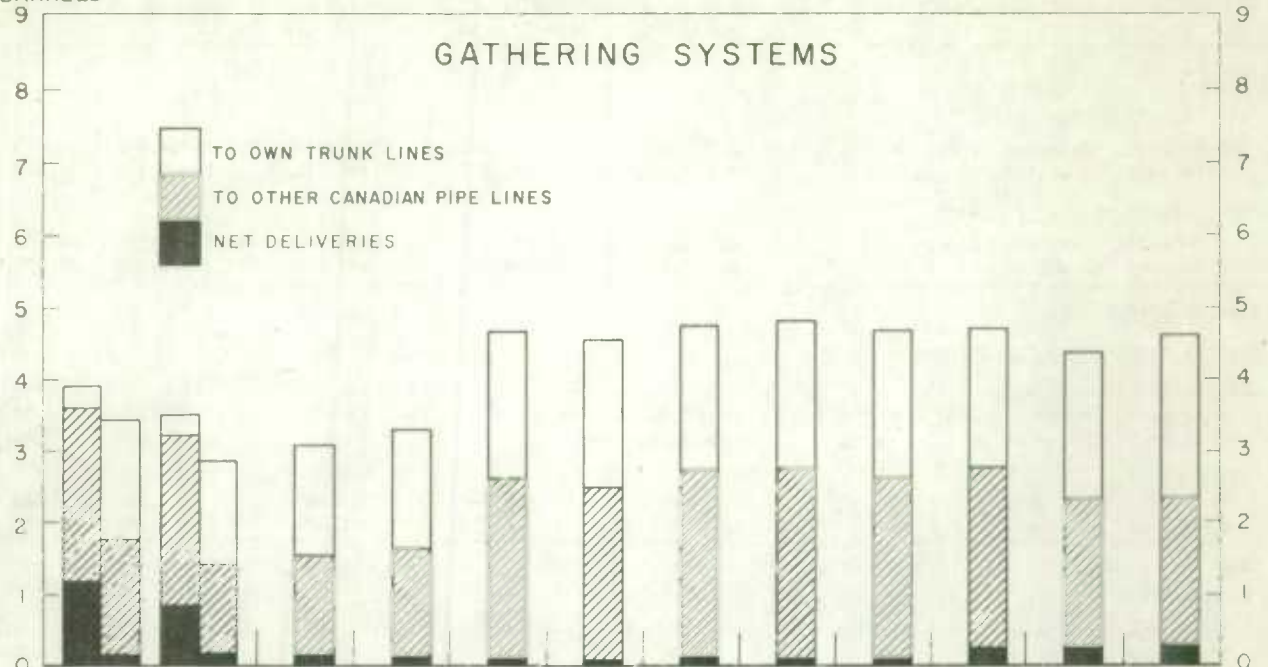
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MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

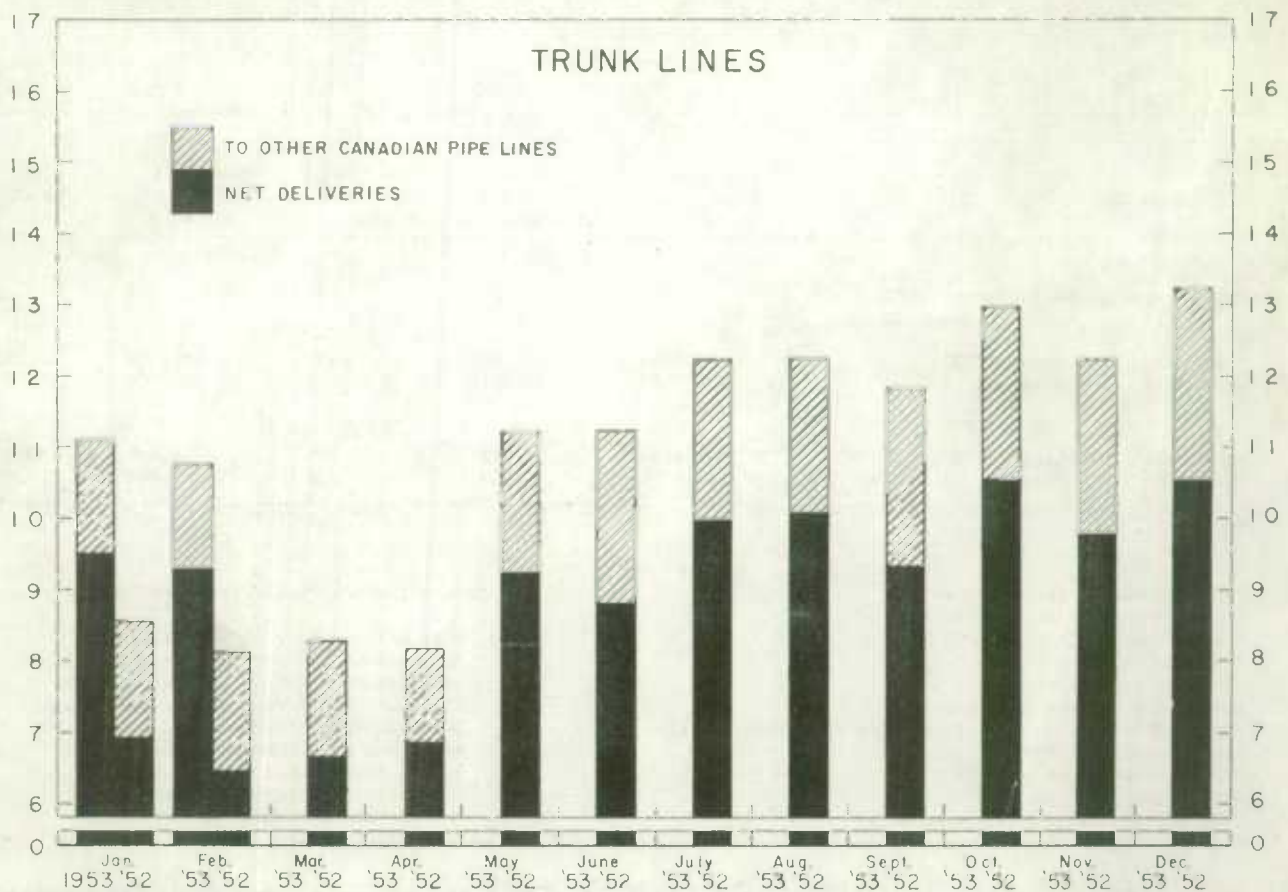
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BARRELS

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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.