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## D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 2

NO. 5

DOMINION BUREAU  
OF STATISTICS  
PIPE LINES (OIL) STATISTICS

MAY, 1952 &amp; 1951

PROPERTY OF THE  
DOMINION BUREAU  
OF STATISTICS

8504-508

19-8-52

During May a net average of 302,091 barrels of oil flowed out of Canada's pipe lines each day. This was the first time a daily average of 300,000 barrels for all lines had been reached and represented a 29.7 p.c. increase over the 232,868 barrels per day delivered in April and was 16.6 p.c. higher than the 258,987 barrels per diem during May, 1951.

May deliveries were a net 9,364,821 barrels, 2,378,790 greater than the April total of 6,986,031 and 1,336,209 barrels over the May, 1951 movement. The traffic carried by trunk lines rose from 6,884,069 barrels in April to 9,261,800 in May. Trunk line movement in May, 1951 amounted to 7,766,973 barrels. Deliveries from gathering systems were 103,021 barrels compared with 101,962 in April and 261,639 the previous May. All provinces showed increases over the net deliveries made in May a year ago with Manitoba leading the way with a 52 p.c. gain. The deliveries in the several provinces were (May, 1951 figures in brackets): Alberta 1,311,695 (1,151,451 barrels); Saskatchewan 797,559 (755,153); Manitoba 3,064,186 (2,016,573) and Quebec 4,191,381 (4,105,435). Included in the Manitoba totals were: via Lakehead Pipe Line Co. to Superior, Wisconsin 2,532,734 (1,587,743) and delivered within the province 531,452 (428,830).

For the first time this year Alberta oil flowed into the Canadian pipe lines system in greater volume than imported crude. A net total of 5,048,182 barrels of Alberta crude entered the pipe lines during May compared with 4,148,328 barrels of imported crude. In May, 1951 the inflow of Alberta oil was 4,051,886 barrels as against imports totalling 4,124,868 barrels.

Net deliveries in the first five months of 1952 indicated an increase of 18.3 p.c. or 5,713,246 barrels over five month totals in 1951 and stood at 36,852,478 barrels compared with 31,139,232 in the earlier period. Deliveries in each province to May 31st were (1951 data in brackets): Alberta 5,979,547 (4,947,575); Saskatchewan 3,834,093 (3,745,134); Manitoba 8,285,439 (4,431,988) and Quebec 18,753,399 (18,014,535). The totals for Manitoba included 5,881,814 barrels en route to Superior, Wisconsin principally for delivery to Ontario ports. This was up 2,615,122 barrels from the 1951 figure of 3,266,692.

Gathering systems handled a daily average of 149,394 barrels in May, well ahead of the 128,540 moved each day in May, 1951. An average 361,799 barrels were handled per diem by trunk lines up 73,789 barrels a day from the May, 1951 average of 288,010. Oil moved a total of 3,172 million barrel miles through trunk lines during the current May against 2,358 million barrel miles during the previous May. Five month totals were, for 1952, 10,004 million barrel miles and for 1951, 6,741 million. The average length of haul was 282.8 miles in May compared with 264.1 one year earlier. Average mileage travelled by a barrel of oil in April this year was 210.7.

Earnings of 671 employees were \$229,277 in May while 626 received \$214,115 in April and 532 persons were paid \$177,892 in May, 1951.

The opening of navigation on the Great Lakes brought deliveries of both Imperial Pipe Line Co. and Interprovincial Pipe Line Ltd. up sharply. A smaller increase, however, enabled Montreal Pipe Line Co. to maintain its position as the leader in oil terminated. May deliveries of 4,148,328 barrels brought the Montreal firm's total to 18,768,160 barrels in the first five months of the year. The increased volume of movement was shown in the fact that Imperial Pipe Line delivered 128,837 barrels daily in May compared with 88,825 each day in April. Montreal trunk line deliveries rose from 119,610 barrels daily in April to 135,206 a day in May while Interprovincial Pipe Line equivalents were 77,574 in April and 130,906 in May. Interprovincial hauled oil an average of 685 miles per barrel and performed a total of 2,780,000,000 barrel miles during May. Five month figures for the company were 622 miles per barrel and 8,264,000,000 barrel miles performed.

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 table on the next page.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Barrels

Total Received into Systems - all companies - during	
first five months of 1952 per table 6 .....	53,250,024
Received into Trunk lines from Other Canadian Pipe Lines .....	16,342,750
"Net Received" into Canadian Pipe Line Systems .....	<u>36,907,274</u>
"Net Received" into Trunk Systems per table 1 .....	19,646,229
"Net Received" into Gathering Systems per table 2 .....	17,261,045
Total Delivered out of Systems - all companies - during	
first five months of 1952, per table 6 .....	53,205,747
Delivered to other Canadian Pipe Lines .....	16,353,269
"Net Delivered" from Canadian Pipe Line Systems .....	<u>36,852,478</u>
"Net Delivered" from Trunk Systems per table 1 .....	36,243,711
"Net Delivered" from Gathering Systems per table 2 .....	608,767

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 - JANUARY - MAY, 1952

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1952 .....	2,080,246	
Total Carriers Balances - January 1, 1952 .....	333,584	2,413,830
Received into Gathering Systems January 1 to May 31, 1952 .....	17,261,045	
Received into Trunk Systems January 1 to May 31, 1952 .....	44,403,975	61,665,020
Total oil accountable for period .....		64,078,850
Delivered from Gathering Systems, January 1 to May 31, 1952 .....	17,250,818	
Delivered from Trunk Systems, January 1 to May 31, 1952 .....	44,369,925	61,620,743
Balance to be accounted for at May 31, 1952 .....		2,458,107
Oil consumed as fuel and losses .....		63,915
Balance on hand - May 31, 1952 .....		<u>2,394,192</u>
Total Shippers Balances - May 31, 1952 .....	2,131,650	
Total Carriers Balances - May 31, 1952 .....	262,542	

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	Sun Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
May, 1951 .....	1,855,014	8,197
April, 1952 .....	827,151	67,389
May, 1952 .....	488,219	40,310
Year to Date, 1952 (five months)	4,362,762	283,649

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	May 1952	April 1952	May 1951	Year to Date 1952
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received*</u> (2+3+4+5)	11,031,709	8,313,591	9,168,426	44,403,975
Less: Received from other Canadian pipe lines-				
2. Own gathering system	2,038,934	1,666,101	1,294,676	8,414,996
3. Other pipe lines - Gathering	2,494,227	1,509,521	2,485,460	8,242,911
4. Trunk	1,954,443	1,295,611	1,145,457	8,099,839
5. <u>Net Received</u> (6+7+8)	4,544,105	3,842,358	4,242,843	19,646,229
6. Originating on own trunk lines	245,181	89,391	-	334,572
7. Received from foreign pipe line connections	4,148,328	3,665,331	4,124,868	18,768,160
8. Received from other carriers (rail & truck)	150,596	87,636	117,975	543,497
9. <u>Total Delivered*</u> (10+11)	11,215,740	8,192,905	8,928,350	44,369,925
10. Less: Delivered to other Canadian trunk lines	1,953,940	1,308,836	1,161,377	8,126,214
11. <u>Net Delivered</u> (12+13+14)	9,261,800	6,884,069	7,766,973	36,243,711
12. Terminated on own trunk lines	6,729,066	5,838,525	6,179,230	30,361,897
13. Delivered to foreign pipe line connections	2,532,734	1,045,544	1,587,743	5,881,814
14. Delivered to other carriers (rail & truck)	-	-	-	-

\* Includes duplications.

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	May 1952	April 1952	May 1951	Year to Date 1952
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	4,652,405	3,287,232	3,933,911	17,261,045
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received</u> (18+19)	4,652,405	3,287,232	3,933,911	17,261,045
18. Originating on own gathering system	4,635,290	3,284,643	3,853,313	17,216,784
19. Received from other carriers (rail & truck)	17,115	2,589	80,598	44,261
20. <u>Total Delivered*</u> (21+22+23)	4,631,230	3,273,683	3,984,754	17,250,818
Less: Delivered to other pipe lines-				
21. Own trunk system	2,038,934	1,666,101	1,294,676	8,414,996
22. Other pipe lines	2,489,265	1,505,620	2,428,439	8,227,055
23. <u>Net Delivered</u> (24+25)	103,021	101,962	261,639	608,767
24. Terminated on gathering systems	35,899	33,317	31,457	155,286
25. Delivered to other carriers (rail & truck)	67,122	68,645	230,182	453,481

\* Includes duplications.

TABLE 3

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

Province	May	April	May	Year to Date
	1952	1952	1951	1952
	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	4,652,405	3,287,232	3,933,911	17,261,045
Trunk	395,777	177,027	117,975	878,069
Quebec (1) - Trunk	4,148,328	3,665,331	4,124,868	18,768,160
Net Received - Trunk	4,544,105	3,842,358	4,242,843	19,646,329
Total	9,196,510	7,129,590	8,176,754	36,907,274

(1) Receipts from U.S. pipe lines at Highwater, Que.

TABLE 4

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

Province	May	April	May	Year to Date
	1952	1952	1951	1952
	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	103,021	101,962	261,639	608,767
Trunk	1,208,674	1,220,266	889,812	5,370,780
Saskatchewan - Trunk	797,559	719,409	755,153	3,834,093
Manitoba (2) - Trunk	3,064,186	1,356,085	2,016,573	8,285,439
Quebec - Trunk	4,191,381	3,588,309	4,105,435	18,753,399
Net Delivered- Trunk	9,261,800	6,884,069	7,766,973	36,243,711
Total	9,364,821	6,986,031	8,028,612	36,852,478
(2) Including deliveries to U.S. pipe lines at Gretna, Man.	2,532,734	1,045,544	1,587,743	5,881,814

TABLE 5

OPERATING STATISTICS

		May	April	May	Year to Date
		1952	1952	1951	1952
Barrels Handled - Daily Average					
Gathering Systems	Barrels	149,394	109,123	128,540	110,333
Trunk Lines	"	361,799	273,098	288,010	299,499
Total Barrel Miles (Trunk Lines)	Millions	3,172	1,727	2,358	10,004
Average Miles per Barrel (Trunk Lines)	Miles	282.8	210.7	264.1	225.4
Employees and Earnings					
Average Number (3)	No.	671	626	532	623
Total Salaries and Wages	\$	229,277	214,115	(5) 177,892	1,039,529
Man Hours worked by Wage earners (4)	Hours	43,219	36,850	33,465	184,598

(3) Includes salaried employees.

(4) Includes overtime.

(5) Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

MAY, 1952

	Imperial Pipe Line Co.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Line Companies(1)	Total
<u>Barrels</u>					
<u>TRAFFIC*</u>					
<u>Total Received into System</u>					
This month (May, 1952)	4,158,840	3,915,929	4,148,328	1,422,083	13,645,180
This year (5 months)	14,678,829	13,309,139	18,768,160	6,493,896	53,250,024
<u>Total Delivered out of System</u>					
This month (May, 1952)	4,144,531	4,058,074	4,191,381	1,414,040	13,808,026
This year (5 months)	14,678,264	13,290,442	18,753,399	6,483,642	53,205,747
<u>OPERATING STATISTICS</u>					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (May, 1952)	128,837	-	-	20,557	149,394
This year (5 months)	92,992	-	-	17,341	110,333
<u>Trunk Lines</u>					
This month (May, 1952)	64,897	130,906	135,206	30,790	361,799
This year (5 months)	48,697	95,030	123,378	32,394	299,499
<u>TOTAL BARREL MILES</u>					
<u>Miles</u>					
<u>(Trunk Lines - in millions)</u>					
This month (May, 1952)	36	2,780	309	47	3,172
This year (5 months)	131	8,264	1,381	228	10,004
<u>AVERAGE MILES PER BARREL</u>					
<u>(Trunk Lines)</u>					
This month (May, 1952)	17.7	685.0	73.7	49.2	282.8
This year (5 months)	17.6	622.0	73.6	46.3	225.4
<u>OPERATING REVENUES</u>					
<u>Dollars</u>					
Three Months ending March 31, 1952	651,976	2,308,982	381,109	393,760	3,735,827
<u>EMPLOYEES AND EARNINGS</u>					
<u>Number</u>					
Number of employees (May, 1952)	237	301	52	81	671
<u>Dollars</u>					
<u>Salaries and Wages-</u>					
This month (May, 1952)	74,295	115,149	14,658	25,175	229,277
This year (5 months)	340,770	523,679	62,605	112,475	1,039,529
<u>Man Hours Worked by Wage Earners</u>					
<u>Hours</u>					
This month (May, 1952)	30,799	1,129	2,498	8,793	43,219
This year (5 months)	137,220	3,863	5,151	38,364	184,598

\* Totals include duplications between companies.

- (1) Anglo-Canadian Oils Limited.  
 B.A. Alberta Pipe Line Limited  
 B.A. Saskatchewan Pipe Line Limited  
 Edmonton Pipe Line Co. Limited  
 Socony-Vacuum Exploration Co.  
 Texaco Exploration Company  
 Valley Pipe Line Company Limited  
 Winnipeg Pipe Line Company Limited.

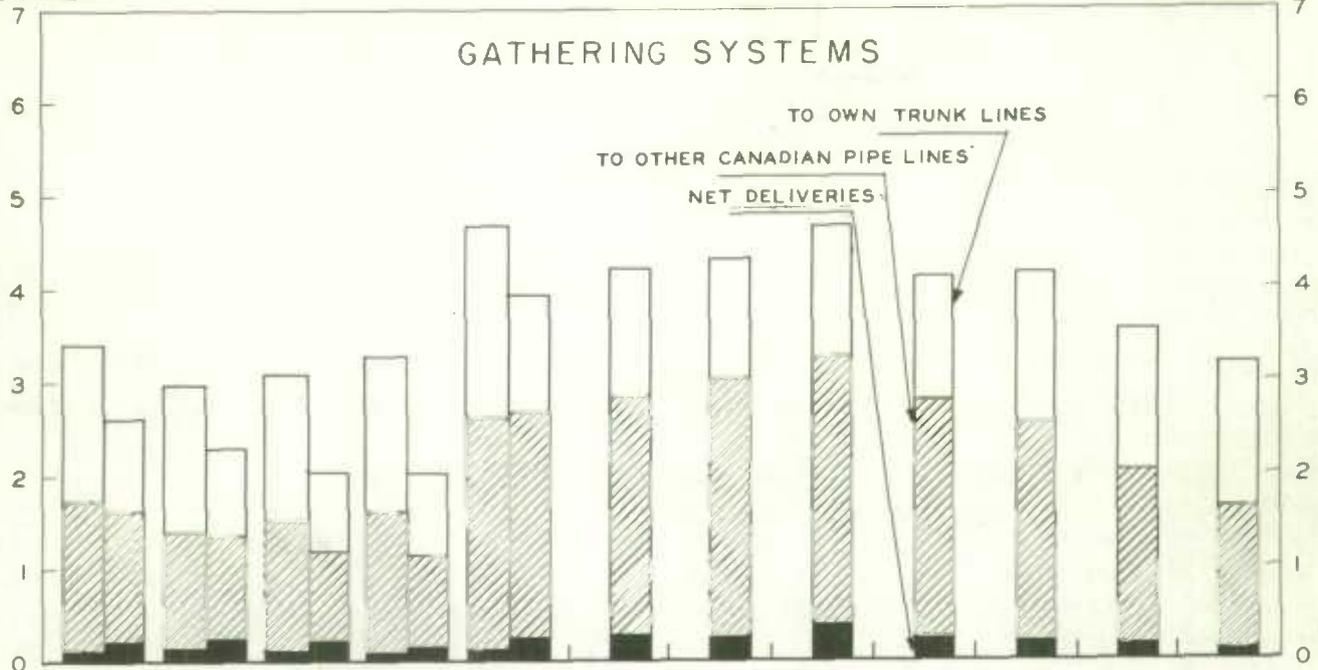


# MONTHLY OIL\* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

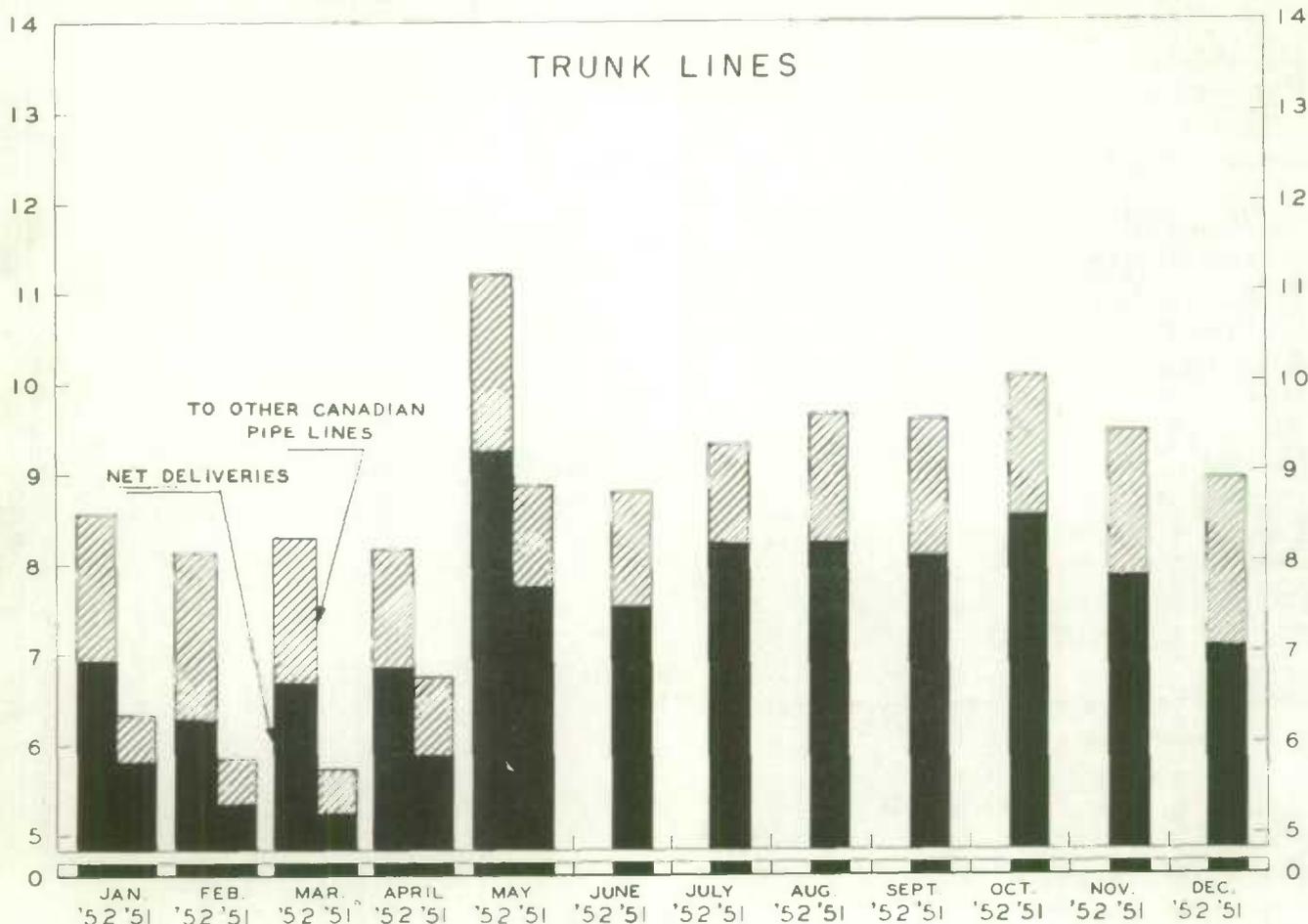
MILLION  
BARRELS

MILLION  
BARRELS

## GATHERING SYSTEMS



## TRUNK LINES



\* CRUDE PLUS SOME NATURAL GASOLINE (EXCLUDES PRODUCTS)