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VOL. 2

PIPE LINES (OIL) STATISTICS

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SEPTEMBER, 1952

During September a net average of 315,105 barrels of oil flowed out of Canada's pipe lines each day. This represented a decline of 13,239 barrels per day or 4 p.c. from the record of 328,344 barrels daily established in August this year but a gain of 13.5 p.c. or 37,494 barrels a day over the average of 277,611 barrels delivered each day in September of 1951.

The month's deliveries were a net 9,453,157 barrels, down 725,522 from the August total of 10,178,679 but up 1,124,830 barrels over the September, 1951 movement. Trunk line traffic declined from 10,081,605 barrels in August to 9,322,098 in September. Traffic through trunk lines in September, 1951 amounted to 8,084,435 barrels. Deliveries from gathering systems were 131,059 barrels compared with 97,074 in August and 243,892 the previous September. All provinces showed increases over the net deliveries made in September a year ago. Deliveries in the several provinces were (September, 1951 figures in brackets): Alberta 1,442,855 barrels (1,202,506); Saskatchewan 1,046,607 (843,484); Manitoba 2,382,429 (2,200,612); Ontario 175,306 (Nil*) and Quebec 4,405,960 barrels (4,081,725). Included in the Manitoba totals were: via Lakehead Pipe Line Co. to Superior, Wisconsin 1,769,242 (1,605,594) and delivered within the province 613,187 barrels (595,018).

September net receipts of oil for shipment by pipe line in Canada included 5,362,730 barrels of Alberta crude, 35,927 of Alberta natural gasoline, 4,396,989 barrels of imported crude and 175,378 barrels of refinery products.

Net deliveries during the first nine months show that the 1952 year-to-date total of 75,923,815 barrels is 11,521,943 barrels or 17.9 p.c. higher than the 1951 equivalent which was 64,401,872 barrels. Deliveries in each province to September 30th were (1951 data in brackets): Alberta 11,304,237 barrels (10,386,694); Saskatchewan 7,871,336 (7,267,309); Manitoba 19,722,930 (13,371,220); Ontario 916,821 (Nil*) and Quebec 36,108,491 barrels (33,376,649). The total for Manitoba included 15,118,128 barrels en route to Superior, Wisconsin principally for delivery to Ontario refineries. This movement was up 4,943,346 barrels from the total of 10,174,782 during the first nine months of 1951.

Gathering systems handled a daily average of 155,615 barrels in September, well ahead of the 137,024 moved each day in September, 1951. An average of 394,908 barrels were handled per diem by trunk lines, up 74,845 barrels a day from the corresponding month last year at 320,063. Oil transport accomplished by trunk lines in the current September totalled 2,781 million barrel miles against 2,505 million the previous September. Nine month totals were, for 1952, 22,569 million barrel miles and for 1951, 16,857 million. The average length of haul was 234.8 miles in September compared with 260.9 miles one year earlier. Average mileage travelled by oil in the first nine months of 1952 was 243.5 and in the similar period of 1951, 237.3 miles.

Earnings of 687 employees reported for September were \$242,786 while the 696 employed in August received \$242,924, and 563 persons received \$186,621 in September, 1951. Employment thus improved 22 p.c. and earnings 30 p.c. as compared with the same month of 1951.

The Montreal pipe line delivered 4,405,960 barrels during September to bring its total for nine months to 36,108,491. Imperial pipe line transported 31,962,845 barrels during the first three-quarters of 1952 and maintained its position as second largest oil carrier (by volume) in Canada. The Imperial facilities handled a daily average of 133,853 barrels in the gathering system while Montreal pipe line reported a daily 146,865 barrels in trunk lines. Interprovincial performed a traffic movement of 2,335,000,000 barrel miles in September to bring its year-to-date total to almost 19.1 billion.

- * Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of this year. 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 and that of the Socony-Vacuum Exploration Co. in Alberta have been omitted. Data on the activities of these companies have been retained in all other applicable sections of the report.

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.

	<u>Barrels</u>
Total Received into Systems - all companies - during	
first nine months of 1952 per table 6	112,787,182
Received into Trunk Lines from Other Canadian Pipe Lines	36,216,035
"Net Received" into Canadian Pipe Line Systems	76,571,147
"Net Received" into Trunk Systems per table 1	40,612,732
"Net Received" into Gathering Systems per table 2	35,958,415
Total Delivered out of Systems - all companies - during	
first nine months of 1952, per table 6	112,138,374
Delivered to other Canadian Pipe Lines	36,214,559
"Net Delivered" from Canadian Pipe Line Systems	75,923,815
"Net Delivered" from Trunk Systems per table 1	74,880,781
"Net Delivered" from Gathering Systems per table 2	1,043,034

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

OIL BALANCE - ALL COMPANIES - JANUARY - SEPTEMBER, 1952

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balance - January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1 to September 30, 1952	35,958,415	
Received into Trunk Systems January 1 to September 30, 1952	93,360,049	129,318,464
Total oil accountable for period		131,732,294
Delivered from Gathering Systems, January 1 to September 30, 1952	35,988,246	
Delivered from Trunk Systems, January 1 to September 30, 1952	92,681,410	128,669,656
Balance to be accounted for at September 30, 1952		3,062,638
Oil consumed as fuel and losses		194,011
Balance on hand - September 30, 1952		2,868,627
Total Shippers Balances - September 30, 1952	2,564,760	
Total Carriers Balances - September 30, 1952	303,867	

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>
September, 1951	629,324	49,995
August, 1952	386,557	47,436
September, 1952	255,314	57,977
Year to Date, 1952 (nine months) ...	5,996,478	474,478

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	September 1 9 5 2	August 1 9 5 2	September 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received*</u> (2+3+4+5)	12,368,111	12,514,884	9,738,242	93,360,049
Less: Received from other Canadian pipe lines-				
2. Own gathering system	2,032,323	2,034,450	1,315,566	16,531,282
3. Other pipe lines - Gathering	2,507,876	2,683,513	2,554,177	18,442,485
4. Trunk	2,522,122	2,448,566	1,523,291	17,773,550
5. <u>Net Received (6+7+8)</u>	5,305,790	5,348,355	4,345,208	40,612,732
6. Originating on own trunk lines	632,989	524,420	-	2,824,280
7. Received from foreign pipe line connections	4,396,989	4,563,041	4,084,789	36,186,326
8. Received from other carriers (rail & truck)	275,812	260,894	260,419	1,602,126
9. <u>Total Delivered*</u> (10+11)	11,847,256	12,530,329	9,601,901	92,681,410
10. Less: Delivered to other Canadian trunk lines	2,525,158	2,448,724	1,517,466	17,800,629
11. <u>Net Delivered (12+13+14)</u>	9,322,098	10,081,605	8,084,435	74,880,781
12. Terminated on own trunk lines	7,552,856	7,556,006	6,478,841	59,762,653
13. Delivered to foreign pipe line connections	1,769,242	2,525,599	1,605,594	15,118,128
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

† Includes products and natural gasoline.

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	September 1 9 5 2	August 1 9 5 2	September 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	4,665,234	4,808,879	4,148,285	35,958,415
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	4,665,234	4,808,879	4,148,285	35,958,415
18. Originating on own gathering system	4,654,235	4,795,658	4,135,728	35,865,078
19. Received from other carriers (rail & truck)	10,999	13,221	12,557	93,337
20. <u>Total Delivered*</u> (21+22+23)	4,668,428	4,812,100	4,110,708	35,988,246
Less: Delivered to other pipe lines-				
21. Own trunk system	2,032,323	2,034,450	1,315,566	16,531,282
22. Other pipe lines	2,505,046	2,680,576	2,551,250	18,413,930
23. <u>Net Delivered (24+25)</u>	131,059	97,074	243,892	1,043,034
24. Terminated on gathering systems	40,010	33,222	77,051	325,141
25. Delivered to other carriers (rail & truck)	91,049	63,852	166,841	717,893

* Includes duplications.

† Includes natural gasoline.

TABLE 3

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

Province	September 1 9 5 2	August 1 9 5 2	September 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	4,665,234	4,808,879	4,148,285	35,958,415
Trunk	733,423	652,073	260,419	3,453,930
Ontario (2) - Trunk	175,378	133,241	-	972,476
Quebec (3) - Trunk	4,396,989	4,563,041	4,084,789	36,186,326
Net Received - Trunk	5,305,790	5,348,355	4,345,208	40,612,732
Total	9,971,024	10,157,234	8,493,493	76,571,147

TABLE 4

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

Province	September 1 9 5 2	August 1 9 5 2	September 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	131,059	97,074	243,892	1,043,034
Trunk	1,311,796	1,219,271	958,614	10,261,203
Saskatchewan - Trunk	1,046,607	1,096,385	843,484	7,871,336
Manitoba † - Trunk	2,382,429	3,070,351	2,200,612	19,722,930
Ontario (2) - Trunk	175,306	132,384	-	916,821
Quebec - Trunk	4,405,960	4,563,214	4,081,725	36,108,491
Net Delivered - Trunk	9,322,098	10,081,605	8,084,435	74,880,781
Total	9,453,157	10,178,679	8,328,327	75,923,815
† Including deliveries to U.S. pipe lines at Gretna, Man.	1,769,242	2,525,599	1,605,594	15,118,128

TABLE 5

OPERATING STATISTICS

	September 1 9 5 2	August 1 9 5 2	September 1 9 5 1	Year to Date 1 9 5 2
Barrels Handled - Daily Average				
Gathering Systems Barrels	155,615	155,229	137,024	131,343
Trunk Lines "	394,908	404,204	320,063	338,253
Total Barrel Miles (Trunk Lines) Millions	2,781	3,370	2,505	22,569
Average Miles per Barrel (Trunk Lines) Miles	234.8	269.0	260.9	243.5
Employees and Earnings (6)				
Average Number (4) No.	687	696	563	648
Total Salaries and Wages \$	242,796	242,924	x 186,521	1,988,481
Man Hours Worked by Wage Earners (5) (6) Hours	41,812	42,771	35,194	355,551

(1) Includes natural gasoline.

(2) Products of refineries.

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

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited, Sarnia Products Line and Socony-Vacuum Exploration Co.

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TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

SEPTEMBER, 1952

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 (September, 1952)	4,295,298	4,151,346	4,396,989	(2) 2,157,389	15,001,022
This year (9 months)	31,922,267	30,073,967	36,186,326	(3) 14,604,622	112,787,182
<u>Total Delivered out of System</u>					
This month (September, 1952)	4,291,401	3,610,545	4,405,960	(4) 2,175,455	14,483,361
This year (9 months)	31,962,845	29,584,748	36,108,491	(5) 14,482,290	112,138,374
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (September, 1952)	133,853	-	-	21,762	155,615
This year (9 months)	110,806	-	-	20,537	131,343
<u>Trunk Lines</u>					
This month (September, 1952)	70,230	120,352	146,865	57,461	394,908
This year (9 months)	57,986	107,974	131,782	40,511	338,253
<u>Total Barrel Miles</u>			<u>Miles</u>		
(Trunk Lines - in millions)					
This month (September, 1952)	37	2,335	324	85	2,781
This year (9 months)	281	19,099	2,659	530	22,569
<u>Average Miles Per Barrel</u>					
(Trunk Lines)					
This month (September, 1952)	17.7	647.0	73.6	49.3	234.8
This year (9 months)	17.7	646.0	73.6	47.7	243.5

Revenue and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
OPERATING REVENUES					
			<u>Dollars</u>		
Three Months ending March 31, 1952	651,976	2,308,982	381,109	386,539	3,728,606
Six Months ending June 30, 1952	1,549,965	5,944,947	785,908	800,468	9,081,288
Nine Months ending September 30, 1952	2,573,199	10,225,594	1,243,928	1,353,792	15,396,513
EMPLOYEES AND EARNINGS					
<u>Number of employees (September, 1952)</u>	230	319	<u>Number</u>	88	687
<u>Salaries and Wages</u>			<u>Dollars</u>		
This month (September, 1952)	77,086	122,275	17,695	25,730	242,786
This year (9 months)	647,653	998,681	129,925	212,222	1,988,481
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (September, 1952)	29,346	1,329	2,970	8,167	41,812
This year (9 months)	257,294	10,092	16,809	71,356	355,551

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

- (2) Includes 175,378 bbls. products and 35,927 bbls. natural gasoline.
(3) " 972,476 " " 336,537 " " "
(4) " 175,306 " " 35,083 " " "
(5) " 916,821 " " 330,444 " " "

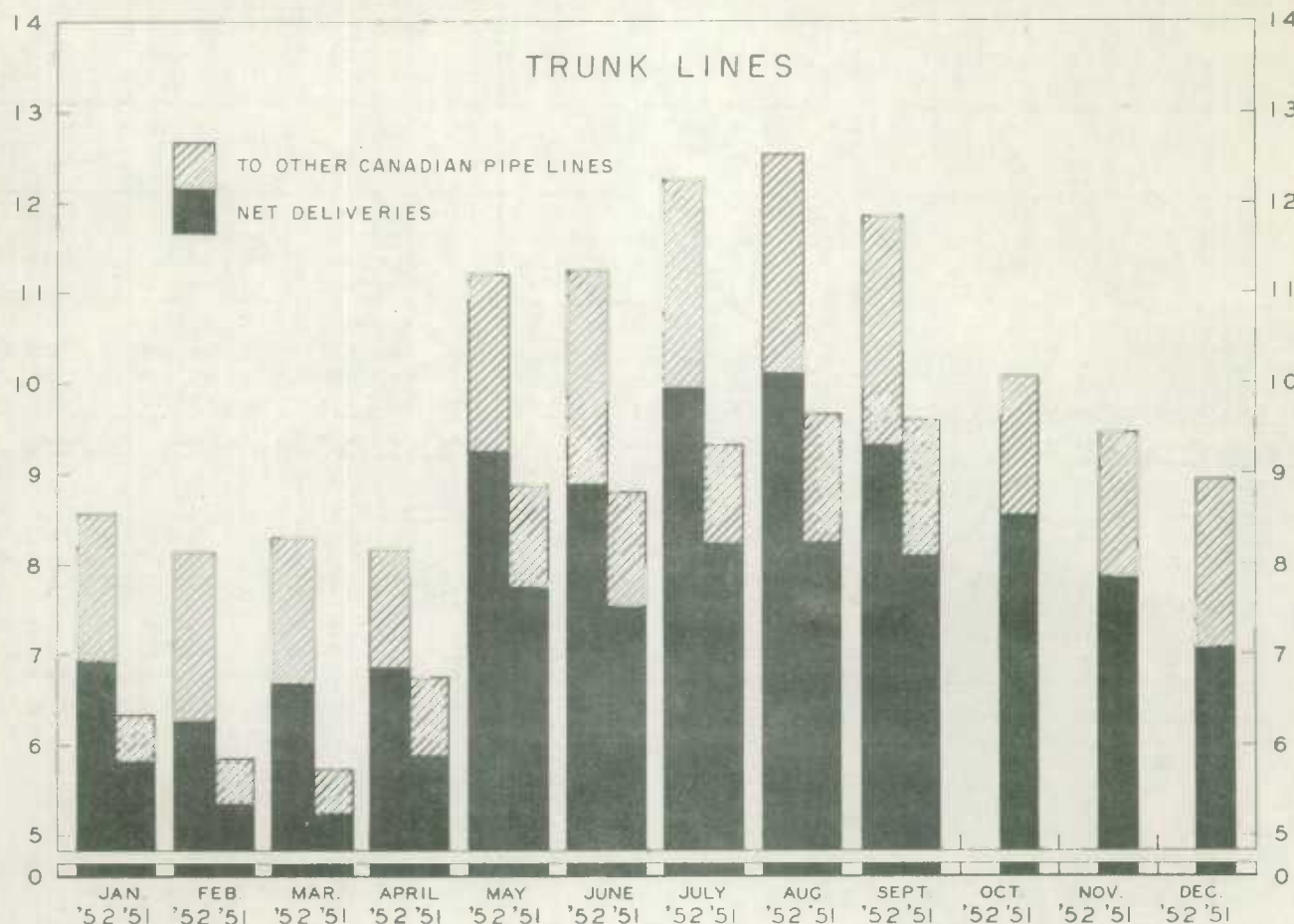
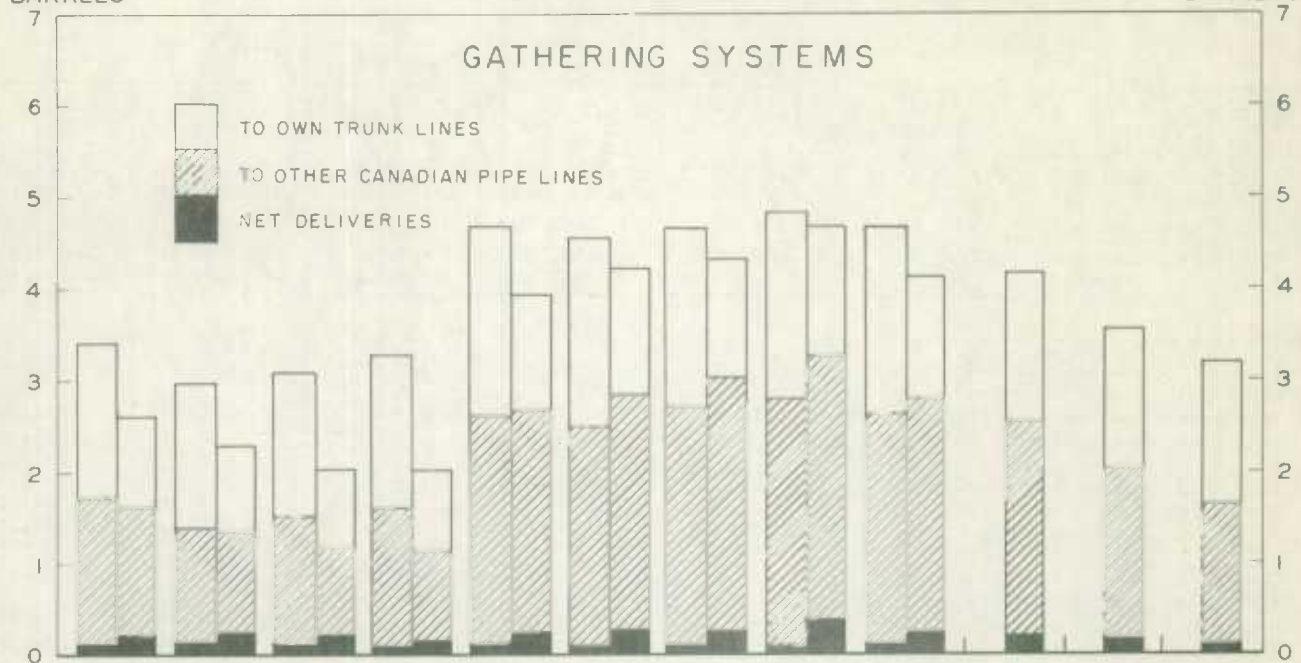


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MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

MILLION
BARRELS

MILLION
BARRELS



* CRUDE PLUS SOME NATURAL GASOLINE AND PRODUCTS.