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PIPE LINES (OIL) STATISTICSFEBRUARY, 1952

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While the total movement of oil through Canadian pipe lines was smaller during the 29 days of February than for January, based on daily averages, net deliveries improved from 227,893 barrels per day in January this year to 228,780 barrels daily in the month under review. An impressive increase of 14.6 p.c. or 29,158 barrels per day was registered over February of 1951 when the average net delivery was 199,622 barrels daily.

In actual figures, net deliveries of oil from trunk lines and gathering systems totalled 6,634,619 barrels in February, down 430,071 from the January aggregate but 1,045,097 barrels or 18.7 p.c. higher than the 5,589,522 barrels delivered in the previous February which was one day shorter. Trunk line net deliveries for the month were 6,483,721 barrels against 6,937,411 in January and 5,333,853 barrels in February, 1951. Deliveries by provinces were (February, 1951 data in brackets): Alberta, 983,031 (1,089,790); Saskatchewan, 757,306 (681,073); Manitoba, 1,327,843 (415,725) and Quebec, 3,566,439 (3,402,934). The Manitoba total included 775,626 barrels turned over to the lines of Lakehead Pipe Line Company at Gretna and 552,217 delivered to refineries within the province. Alberta oil accounted for 45.4 p.c. of the net of 6,470,225 barrels received by Canadian pipe lines during February compared with 41.3 p.c. of the 5,824,050 barrels received a year previously.

Two month totals show a net of 13,699,309 barrels delivered. By provinces the cumulative deliveries were Alberta, 2,273,117; Saskatchewan, 1,569,387; Manitoba, 2,621,387 and Quebec, 7,235,418 barrels. Non-pipe line carriers such as rail, trucks, etc. received 122,718 barrels of oil from Canadian pipe lines in February, down almost 50 p.c. from the 235,577 barrels taken from pipe lines in February, 1951. For the first two months of 1952 these carriers received 220,806 barrels from pipe lines.

Daily averages of oil handled during February were: gathering systems, 98,841 and trunk lines, 280,072 barrels while the February, 1951 movement was a daily 81,715 in gathering systems and 209,234 in trunk lines. Some 1,717 million barrel miles was the total traffic performance of trunk lines during the month under review and gave a two-month total of 3,456 million barrel miles. Length of haul averaged 211.4 miles on trunk lines as compared with 203.2 in January and 158.8 miles in the previous February. Employees numbered 608 and earned \$198,320 against 589 receiving \$194,241 in January and 490 persons paid \$146,323 one year earlier. Montreal Pipe Line Co. continued to be the leader in volume of oil carried and delivered 3,566,439 barrels during February for a two-month total of 7,235,418. Imperial Pipe Line Co., which operates the largest gathering system, delivered an average of 78,911 barrels each day during the month from the gathering system while trunk line deliveries of the Montreal Pipe Line Co. amounted to 122,981 barrels daily. Longer hauls on the Interprovincial Pipe Line Company lines resulted in a 602 mile average trip per barrel carried and brought the two month average to 594 miles per barrel.

Net totals given in table 6 exceed those in tables 1 and 2 because of duplications resulting

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

from inter-company transfers of oil. These differences are reconciled in the table given below.

	Barrels
Total Received into Systems - all companies - during	
February 1952, per table 6	19,808,201
Received into Trunk Lines from Other Canadian Pipe Lines	6,082,506
"Net Received" into Canadian Pipe Line Systems	13,725,695
"Net Received" into Trunk Systems per table 1	7,450,972
"Net Received" into Gathering Systems per table 2	6,274,723
Total Delivered out of Systems - all companies - during	
February 1952, per table 6	19,800,173
Delivered to Other Canadian Pipe Lines	6,100,864
"Net Delivered" from Canadian Pipe Line Systems	13,699,309
"Net Delivered" from Trunk Systems per table 1	13,421,132
"Net Delivered" from Gathering Systems per table 2	278,177

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, 1952

	Barrels	Barrels
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 February 29, 1952	6,274,723	
Received into Trunk Systems January 1, to February 29, 1952	16,687,908	22,962,631
Total oil accountable for period		25,376,461
Delivered from Gathering Systems, January 1 to February 29, 1952	6,273,682	
Delivered from Trunk Systems, January 1 to February 29, 1952	16,680,921	22,954,603
Balance to be accounted for at February 29, 1952		2,421,858
Oil consumed as fuel and losses		34,421
Balance on hand - February 29, 1952		2,387,437
Total Shippers Balances - February 29, 1952	2,041,914	
Total Carriers Balances - February 29, 1952	345,623	

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.	Sun Pipe Line Co.
	Crude Petroleum	Fuel and Other Refined Oil
	Barrels	Barrels
February, 1951	1,231,499	50,885
January, 1952	1,190,454	53,012
February, 1952	1,008,903	53,434
Year to Date, 1952	2,199,357	106,446

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	February 1952	January 1952	February 1951	Year to Date 1952
	Barrels	Barrels	Barrels	Barrels
1. Total Received* (2+3+4+5)	7,977,771	8,710,137	6,050,420	16,687,908
Less: Received from other Canadian pipe lines-				
2. Own gathering system	1,471,302	1,683,128	931,817	3,154,430
3. Other pipe lines - Gathering	1,247,817	1,598,636	1,131,020	2,846,453
4. Trunk	1,638,639	1,597,414	508,336	3,236,053
5. Net Received (6+7+8)	3,620,013	3,830,959	3,479,247	7,450,972
6. Originating on own trunk lines	-	-	-	-
7. Received from foreign pipe line connections	3,535,900	3,679,220	3,416,679	7,215,120
8. Received from other carriers (rail & truck)	84,113	151,739	62,668	235,852
9. Total Delivered* (10+11)	8,122,084	8,558,837	5,858,597	16,680,921
10. Less: Delivered to other Canadian trunk lines	1,638,363	1,621,426	524,744	3,259,789
11. Net Delivered (12+13+14)	6,483,721	6,937,411	5,333,853	13,421,132
12. Terminated on own trunk lines	5,708,095	6,161,304	5,086,877	11,869,399
13. Delivered to foreign pipe line connections	775,626	776,107	246,976	1,551,733
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	February 1952	January 1952	February 1951	Year to date 1952
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	2,850,212	3,424,511	2,344,803	6,274,723
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	2,850,212	3,424,511	2,344,803	6,274,723
18. Originating on own gathering system	2,842,313	3,421,834	2,297,841	6,264,147
19. Received from other carriers (rail & truck)	7,899	2,677	46,962	10,576
20. Total Delivered* (21+22+23)	2,866,390	3,407,292	2,288,024	6,273,682
Less: Delivered to other pipe lines-				
21. Own trunk system	1,471,302	1,683,128	931,817	3,154,430
22. Other pipe lines	1,244,190	1,596,885	1,100,538	2,841,075
22. Net Delivered (24+25)	150,898	127,279	255,669	278,177
24. Terminated on gathering systems	28,180	29,191	20,092	57,371
25. Delivered to other carriers (rail & truck)	122,718	98,088	235,577	220,806

* Includes duplications

TABLE 3

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

Province		February 1952	January 1952	February 1951	Year to Date 1952
		Barrels	Barrels	Barrels	Barrels
Alberta	- Gathering	2,850,212	3,424,511	2,344,803	6,274,723
	Trunk	84,113	151,739	62,568	235,852
Quebec (1)	- Trunk	3,535,900	3,679,220	3,416,679	7,215,120
Net Received	- Trunk	3,620,013	3,830,959	3,479,247	7,450,972
	Total	6,470,225	7,255,470	5,824,050	13,725,695

(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		February 1952	January 1952	February 1951	Year to Date 1952
		Barrels	Barrels	Barrels	Barrels
Alberta	- Gathering	150,898	127,279	255,669	278,177
	Trunk	832,133	1,162,807	834,121	1,994,940
Saskatchewan	- Trunk	757,306	812,081	681,073	1,569,387
Manitoba (2)	- Trunk	1,327,843	1,293,544	415,725	2,621,387
Quebec	- Trunk	3,566,439	3,668,979	3,402,934	7,235,418
Net Delivered	- Trunk	6,483,721	6,937,411	5,333,853	13,421,132
	Total	6,634,619	7,064,690	5,589,522	13,699,309
(2) Including deliveries to U.S. pipe lines at Gretna, Man.		775,626	776,107	246,976	1,551,733

TABLE 5

OPERATING STATISTICS

		February 1952	January 1952	February 1951	Year to Date 1952
<u>Barrels Handled - Daily Average</u>					
Gathering Systems	Barrels	98,841	109,912	81,715	104,561
Trunk Lines	"	280,072	276,092	209,234	278,016
Total Barrel Miles (Trunk Lines)	Millions	1,717	1,739	931	3,456
Average Miles per Barrel (Trunk Lines)	Miles	211.4	203.2	158.8	207.2
<u>Employees and Earnings</u>					
Average Number (3)	No.	608	589	490	599
Total Salaries and Wages	\$	198,320	194,241	146,323	392,561
Man Hours worked by Wage earners (4)	Hours	35,209	33,498	27,935	68,707

(3) Includes salaried employees.

(4) Includes overtime.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

FEBRUARY, 1952

	Imperial Pipe Line Co.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Line Companies (1)	Total
TRAFFIC*	Barrels				
<u>Total Received into System</u>					
This month (February, 1952)	2,358,258	2,177,914	3,535,900	1,284,609	9,356,681
This year (2 months)	5,259,409	4,711,668	7,215,120	2,622,004	19,808,201
<u>Total Delivered out of System</u>					
This month (February, 1952)	2,372,532	2,299,123	3,566,439	1,279,078	9,517,172
This year (2 months)	5,257,579	4,676,751	7,235,418	2,630,425	19,800,173
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (February, 1952)	78,911	-	-	19,930	98,841
This year (2 months)	83,695	-	-	20,866	104,561
<u>Trunk Lines</u>					
This month (February, 1952)	41,948	79,280	122,981	35,863	280,072
This year (2 months)	44,757	77,946	120,590	34,723	278,016
TOTAL BARREL MILES	Miles				
(Trunk Lines - in millions)					
This month (February, 1952)	22	1,384	262	49	1,717
This year (2 months)	48	2,777	532	99	3,456
AVERAGE MILES PER BARREL					
(Trunk Lines)					
This month (February, 1952)	17.7	602.0	73.5	47.3	211.4
This year (2 months)	17.6	594.0	73.6	47.5	207.2
EMPLOYEES AND EARNINGS	Number				
Number of employees (February)	213	290	34	71	608
<u>Salaries and Wages-</u>	Dollars				
This month (February, 1952)	62,536	102,647	11,640	21,497	198,320
This year (2 months)	129,461	198,039	23,074	41,987	392,561
<u>Man Hours Worked by Wage Earners</u>	Hours				
This month (February, 1952)	26,774	984	471	6,980	35,209
This year (2 months)	51,680	1,543	797	14,687	68,707

*Totals include duplications between companies.

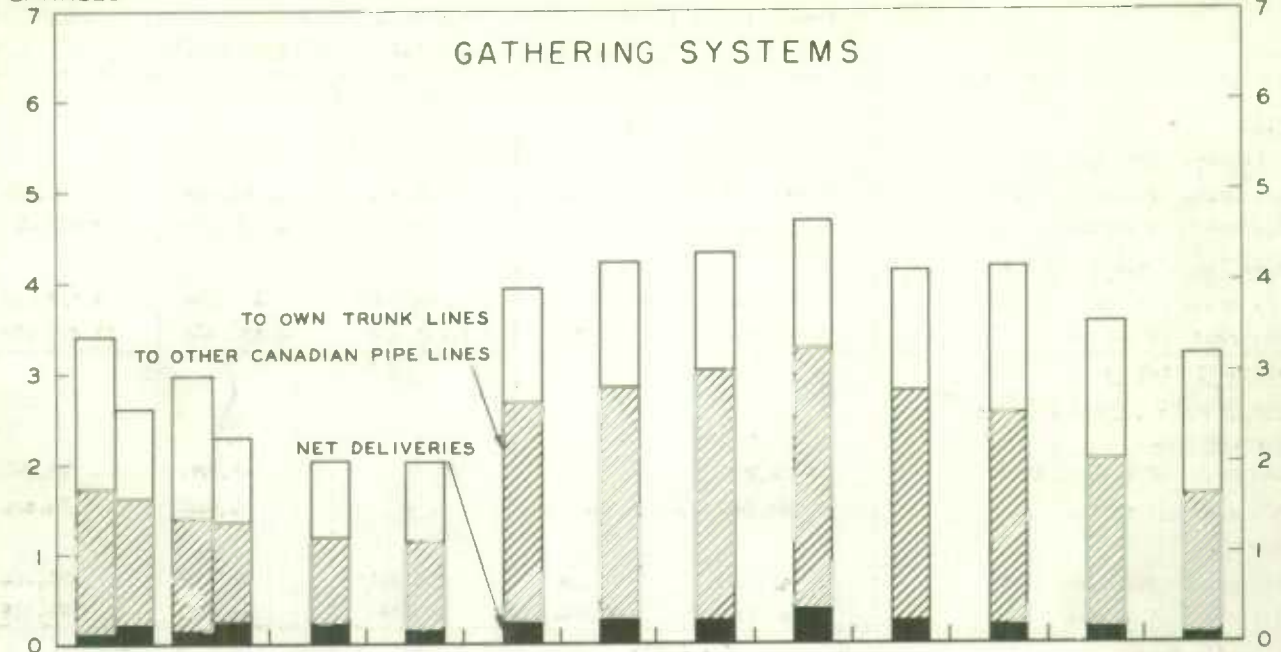
- (1) Anglo-Canadian Oils Limited.
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Edmonton Pipe Line Co. Limited
 Socony-Vacuum Exploration Co.
 Texaco Exploration Company
 Valley Pipe Line Company Ltd.
 Winnipeg Pipe Line Company Limited.

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

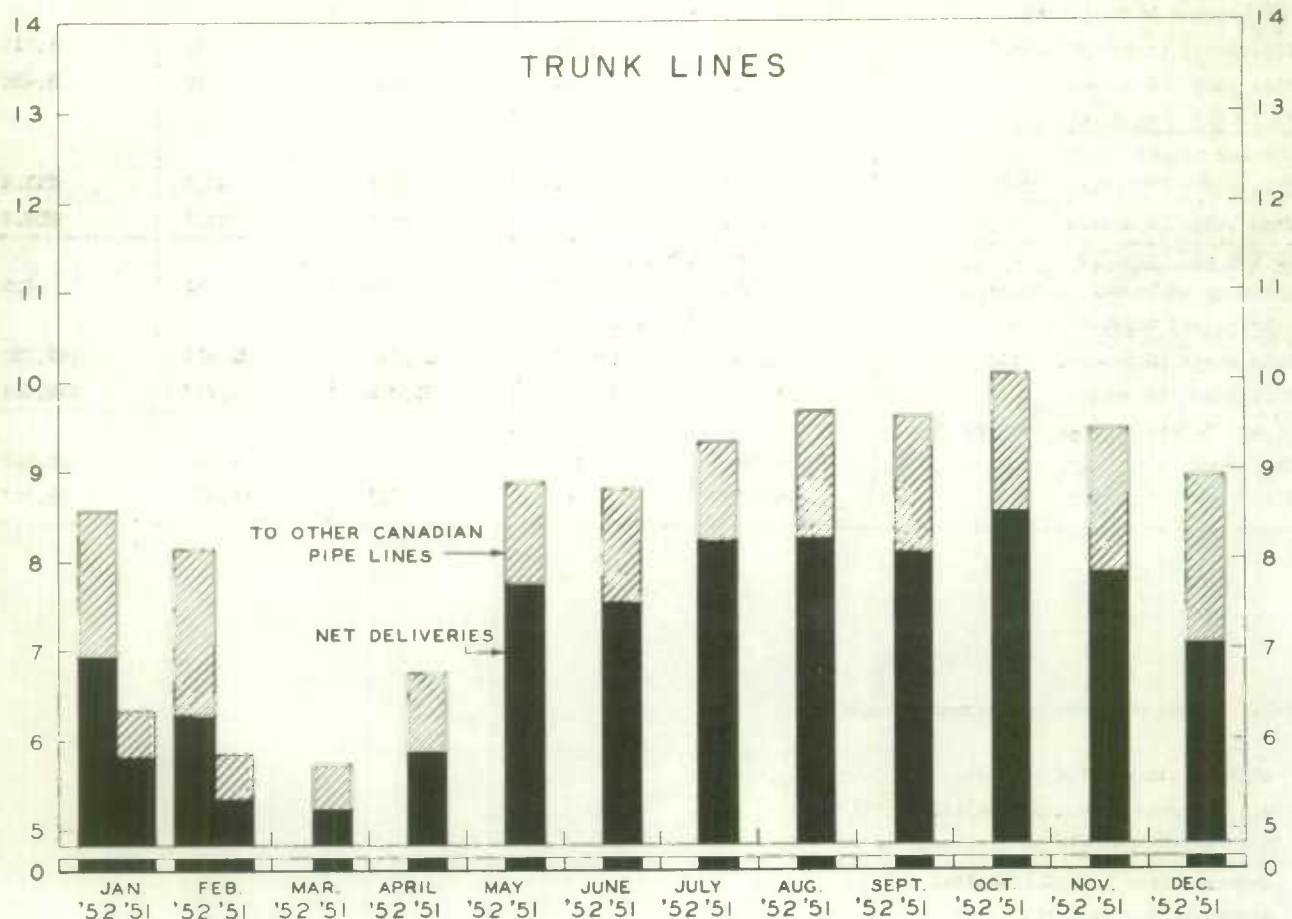
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



* CRUDE PLUS SOME NATURAL GASOLINE (EXCLUDES PRODUCTS)