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PIPE LINES (OIL) STATISTICSJANUARY, 1952

Oil was pumped through Canadian pipe lines during January in much greater volume than one year earlier but the total registered a minor decline from December, 1951. Net deliveries were 7,064,690 barrels, an increase of 1,047,196 or 17.4 p.c. over the 6,017,494 barrels delivered in January, 1951, but lower than December volume by 123,003 barrels or 1.7 p.c. Net deliveries in Quebec amounted to 3,668,979 barrels, some 183,385 higher than the corresponding month last year. Also higher in a like comparison were Alberta deliveries at 1,290,086 compared with 1,034,490 barrels and Manitoba with a rise of 712,397 to 1,293,544 barrels during the month here reviewed. Increased consumption within Manitoba accounted for 366,901 barrels and a heavier intransit movement for Ontario refineries through Superior for the other 345,496 barrels increase over January of 1951. In Saskatchewan net deliveries registered a decline of 104,182 barrels and totalled 812,081 for the month.

During the period under review 6,190,495 barrels terminated on Canadian pipe lines; 776,107 barrels were transferred to Lakehead Pipe Line Co. principally for eventual movement to Ontario via the United States and lake tankers and 98,088 barrels were delivered to non-pipe line carriers. Comparable figures for January, 1951 were: terminated 5,413,734 barrels; transferred to foreign lines 409,206 and delivered to non-pipe line carriers, 194,554 barrels.

An average of 109,912 barrels of oil was handled daily by gathering systems, a rise of 26,938 or 30.9 p.c. over the January, 1951 figure of 83,974 barrels per day. Trunk line movement registered a 34.5 p.c. increase from a daily 205,342 barrels a year ago to 276,092 barrels each day during the opening month of 1952. Trunk lines performed a January total of 1,739 million barrel miles compared with 1,155 million in the same month a year ago. The average distance a barrel of oil moved increased by almost 22 miles to 203.2 miles in the current month. Employment given by pipelines increased considerably this year. In January 1952, 589 employees earned \$194,241 compared with 481 earning \$146,783 a year earlier.

Deliveries out of the three major pipe line company systems in the current month were all higher than twelve months previously. The comparison shows Montreal Pipe Line up from 3,485,594 to 3,668,979 barrels; Imperial Pipe Line 2,885,047 as against 2,076,906 and Interprovincial Pipe Line 884,798 barrels higher at 2,377,628 in the current January. Imperial Pipe Line showed heavier movement with 88,171 barrels per day in the gathering system and 47,385 per day in its trunk lines. These compare with 84,742 and 45,195 per day respectively in December, 1951 and 64,775 and 24,048 per day in January a year ago. The performance of 1,393 million barrel miles and 586 miles per barrel by Interprovincial was down from the December comparables of 1,527 million barrel miles and 601 miles per barrel but well above the January, 1951 movement of 863 million barrel miles and an average distance of 578 miles per barrel.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Table 6 totals are greater than those in tables 1 and 2 by the amount of duplication resulting from inter-company transactions. Reconciliation of these differences is shown below.

	Barrels
<u>Total Received into Systems</u> - all companies - during	
during January 1952, per table 6 .....	10,451,520
Received into Trunk Lines from Other Canadian Pipe Lines .....	3,196,050
"Net Received" into Canadian Pipe Line Systems .....	<u>7,255,470</u>
"Net Received" into Trunk Systems per table 1 .....	3,830,959
"Net Received" into Gathering Systems per table 2 .....	3,424,511
<u>Total Delivered out of Systems</u> - all companies - during	
January 1952, per table 6 .....	10,283,001
Delivered to Other Canadian Pipe Lines .....	3,218,311
"Net Delivered" from Canadian Pipe Line Systems .....	<u>7,064,690</u>
"Net Delivered" from Trunk Systems per table 1 .....	6,937,411
"Net Delivered" from Gathering Systems per table 2 .....	127,279

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 month of January, as covered by this report, and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY, 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 during January .....	3,424,511	
Received into Trunk Systems during January .....	8,710,137	12,134,648
Total oil accountable for month .....		14,548,478
Delivered from Gathering Systems during January .....	3,407,292	
Delivered from Trunk Systems during January .....	8,558,837	11,966,129
Balance to be accounted for at January 31, 1952 .....		2,582,349
Oil consumed as fuel and losses .....		11,523
Balance on hand - January 31, 1952 .....		<u>2,570,826</u>
Total Shippers Balances - January 31, 1952 .....	2,213,694	
Total Carriers Balances - January 31, 1952 .....	357,132	

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
January, 1951 .....	1,371,077	Not in operation
December, 1951 .....	656,839	51,230
January, 1952 .....	1,190,454	53,012

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	January 1952	December 1951	January 1951
	Barrels	Barrels	Barrels
1. <u>Total Received*</u> (2+3+4+5)	8,710,137	9,042,546	6,498,289
Less: Received from other Canadian pipe lines -			
2. Own gathering system	1,683,128	1,536,119	976,105
3. Other pipe lines - Gathering	1,598,636	1,552,297	1,454,694
4. Trunk	1,597,414	1,829,117	552,554
5. Net Received (6+7+8)	3,830,959	4,125,013	3,514,936
6. Originating on own trunk lines	-	-	-
7. Received from foreign pipe line connections	3,679,220	3,975,965	3,446,063
8. Received from other carriers (rail & truck)	151,739	149,048	68,873
9. <u>Total Delivered*</u> (10+11)	8,558,837	8,923,559	6,365,601
10. Less: Delivered to other Canadian trunk lines	1,621,426	1,842,131	557,247
11. Net Delivered (12+13+14)	6,937,411	7,081,428	5,808,354
12. Terminated on own trunk lines	6,161,304	6,214,015	5,399,148
13. Delivered to foreign pipe line connections	776,107	867,413	409,206
14. Delivered to other carriers (rail & truck)	-	-	-

\* Includes duplications

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	January 1952	December 1951	January 1951
	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	3,424,511	3,197,445	2,532,089
16. Less: Received from other gathering systems	-	-	-
17. Net Received (18+19)	3,424,511	3,197,445	2,532,089
18. Originating on own gathering system	3,421,834	3,192,087	2,483,663
19. Received from other carriers (rail & truck)	2,677	5,358	48,426
20. <u>Total Delivered*</u> (21+22+23)	3,407,292	3,192,584	2,603,200
Less: Delivered to other pipe lines-			
21. Own trunk system	1,683,128	1,536,119	976,105
22. Other pipe lines	1,596,885	1,550,200	1,417,955
23. Net Delivered (24+25)	127,279	106,265	209,140
24. Terminated on gathering systems	29,191	36,088	14,586
25. Delivered to other carriers (rail & truck)	98,088	70,177	194,554

\* Includes duplications



**TABLE 3** OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		January 1952	December 1951	January 1951
		Barrels	Barrels	Barrels
Alberta	- Gathering	3,424,511	3,197,445	2,532,089
	Trunk	151,739	149,048	68,873
Quebec (1)	- Trunk	3,679,220	3,975,965	3,446,063
Net Received	- Trunk	3,830,959	4,125,013	3,514,936
	Total	7,255,470	7,322,458	6,047,025

(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		January 1952	December 1951	January 1951
		Barrels	Barrels	Barrels
Alberta	- Gathering	127,279	106,265	209,140
	Trunk	1,162,807	843,368	825,350
Saskatchewan	- Trunk	812,081	820,714	916,263
Manitoba (2)	- Trunk	1,293,544	1,452,790	581,147
Quebec	- Trunk	3,668,979	3,964,556	3,485,594
Net Delivered	- Trunk	6,937,411	7,081,428	5,808,354
	Total	7,064,690	7,187,693	6,017,494
(2) Including deliveries to U.S. pipe lines at Gretna, Man.		776,107	867,413	409,206

**TABLE 5** OPERATING STATISTICS

		January 1952	December 1951	January 1951
<u>Barrels Handled - Daily Average</u>				
Gathering Systems	Barrels	109,912	100,894	83,974
Trunk Lines	"	276,092	286,264	205,342
Total Barrel Miles (Trunk Lines)	Millions	1,739	1,894	1,155
Average Miles per Barrel (Trunk Lines)	Miles	203.2	212.2	181.4
<u>Employees and Earnings</u>				
Average Number (3)	No.	589	591	481
Total Salaries and Wages	\$	194,241	200,936	146,783
Man Hours worked by Wage earners (4)	Hours	33,498	32,894	31,718

(3) Includes salaried employees

(4) Includes overtime.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JANUARY, 1952

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Line Companies(1)	Total
<u>TRAFFIC*</u>	<u>Barrels</u>				
<u>Total Received into System</u>					
This month (January, 1952)	2,901,151	2,533,754	3,679,220	1,337,395	10,451,520
<u>Total Delivered out of System</u>					
This month (January, 1952)	2,885,047	2,377,628	3,668,979	1,351,347	10,283,001
<u>OPERATING STATISTICS</u>					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines-</u>					
This month (January, 1952)	88,171	-	-	21,741	109,912
<u>Trunk Lines-</u>					
This month (January, 1952)	47,385	76,698	118,354	33,655	276,092
<u>TOTAL BARREL MILES</u>	<u>Miles</u>				
(Trunk Lines - in millions)					
This month (January, 1952)	26	1,393	270	50	1,739
<u>AVERAGE MILES PER BARREL</u>					
(Trunk Lines)					
This month (January, 1952)	17.5	586.0	73.6	47.6	203.2
<u>EMPLOYEES AND EARNINGS</u>	<u>Number</u>				
Number of employees (January)	208	281	35	65	589
<u>Salaries and Wages-</u>	<u>Dollars</u>				
This month (January, 1952)	66,925	95,392	11,434	20,490	194,241
<u>Man Hours Worked by Wage Earners-</u>	<u>Hours</u>				
This month (January, 1952)	24,906	559	326	7,707	33,498

\*Totals include duplications between companies.

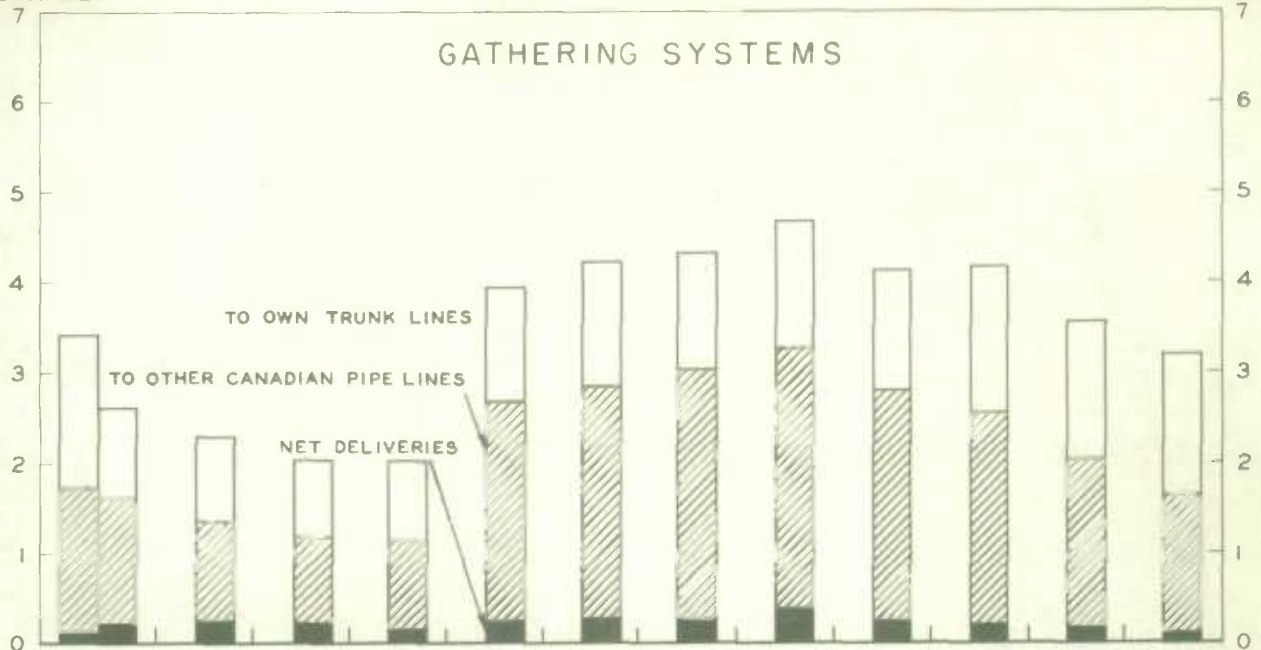
- (1) Anglo-Canadian Oils Limited.  
 B.A. Alberta Pipe Line Limited  
 B.A. Saskatchewan Pipe Line Limited  
 Edmonton Pipe Line Co. Ltd.  
 Socony-Vacuum Exploration Company  
 Texaco Exploration Company  
 Valley Pipe Line Company Limited  
 Winnipeg Pipe Line Company Limited.

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

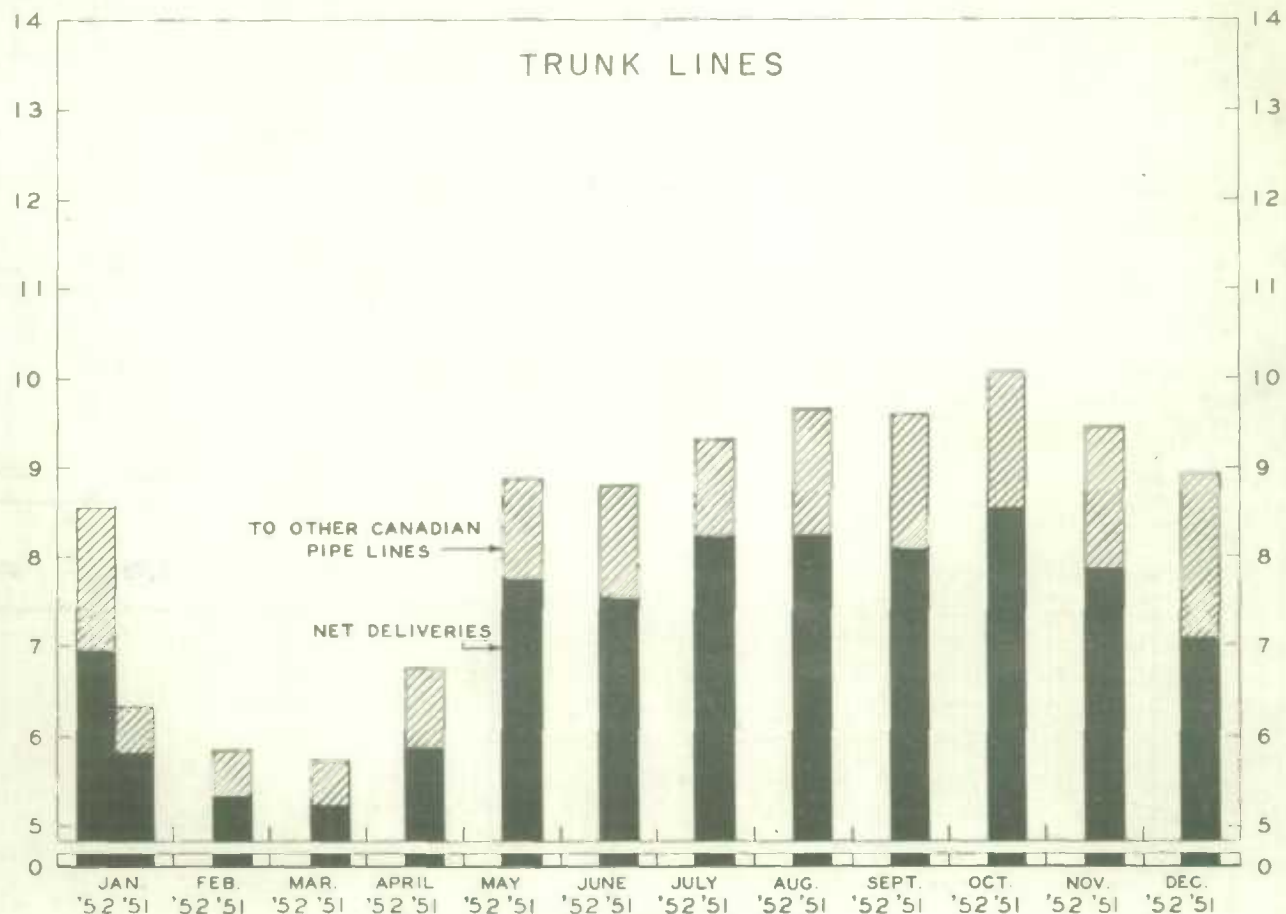
MILLION  
BARRELS

MILLION  
BARRELS

## GATHERING SYSTEMS



## TRUNK LINES



\* CRUDE PLUS SOME NATURAL GASOLINE (EXCLUDES PRODUCTS)