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PIPE LINES (OIL STATISTICS)

8504-508

No. 8

AUGUST, 1952

26/11/52

A net daily average of 328,344 barrels of oil was delivered out of the Canadian pipe lines during August compared with 324,548 daily in July and an average 278,283 barrels per day in August of 1951. The new record movement in August this year represented a 1.2 p.c. increase over July and an 18 p.c. advance over the average volume moved each day in the previous August.

Net deliveries during the month totalled 10,178,679 barrels, 117,706 higher than the July total of 10,060,973 and 1,551,895 barrels above the August, 1951 movement. Trunk line traffic, which reached the ten million barrel mark for the first time, totalled 10,081,605 barrels, 129,462 more than in July and 1,846,445 barrels above trunk deliveries during August, 1951. All provinces except Alberta registered increases over combined trunk and gathering line movement in August 1951, the comparison between the two periods being as follows (August, 1951 data shown in brackets): Alberta 1,316,345 barrels (1,644,253); Saskatchewan 1,096,385 (883,598); Manitoba 3,070,351 barrels (2,266,098); Ontario 132,384 (Nil*) and Quebec 4,563,214 (3,832,835). Included in Manitoba deliveries is oil passing to the Lakehead Pipe Line Co. largely en route to Sarnia and other Ontario ports. These deliveries amounted to 2,525,599 barrels in the current August compared with 1,665,328 during August, 1951.

Net receipts of oil for movement in the Canadian pipe lines during August included 5,430,714 barrels of Alberta crude, 30,238 barrels of Alberta natural gasoline, 4,563,041 barrels of imported crude and 133,241 barrels of refinery products.

During the first eight months of 1952 a net total of 66,470,658 barrels delivered brought an 18.5 p.c. increase over the 56,073,545 barrels delivered in the corresponding period of 1951. Deliveries out of pipelines in the provinces to the end of August were (with 1951 data in brackets): Alberta 9,861,382 barrels (9,184,188); Saskatchewan 6,824,729 (6,423,825); Manitoba 17,340,501 (11,170,608); Ontario 741,515 (Nil*) and Quebec 31,702,531 (29,294,924) barrels. Manitoba totals included 13,348,886 barrels (8,569,188) transferred to the United States sector of the Inter-provincial pipe line and destined principally for delivery to Ontario points by lake tanker.

Gathering systems handled an average of 155,229 barrels per day during August thus showing a slight gain over the 151,281 per day in August last year. The daily average of 404,204 barrels handled by trunk systems in the month under review showed a gain of 92,096 barrels per day over the 312,108 transported every day during August, 1951. The average length of haul by trunk lines this August was 269 miles and the traffic movement totalled 3,370 million barrel miles. Trunk movement in the previous August totalled 2,581 million barrel miles, some 789 M.B.M. lower than in the current month but the length of haul at an average 266.8 miles was only slightly lower. Traffic movement in the first eight months of this year approached the 20 billion barrel miles mark while the movement to August 31, 1951 was only some 14.4 billion. Average haul of oil in the first eight months of 1952 was 244.8 miles compared with 233.6 miles in the same period of last year.

Persons employed numbered 696 in August and earned \$242,924 while 568 employees earned \$184,323 in August of 1951. Wage earners worked 42,771 hours in the current August and 39,024 hours a year earlier.

In the eight-month period to August 31 the Montreal pipe line delivered 31,702,531 barrels including 4,563,214 during the month under review. Imperial Pipe Line Co. handled a daily average of 135,032 barrels in its gathering system during August raising the daily average for that system to 107,972 barrels per day in the eight months. Montreal Pipe Line Co. handled 147,200 barrels per day in its trunk lines bringing the average during the January 1 to August 31 period to 129,928 barrels daily. Traffic movement performed by Interprovincial Pipe Line in August totalled over 2.9 billion barrel miles increasing the eight-month total for the company's transport activities to almost 16.8 billion or over 84 p.c. of the total for all companies which was 19.8 billion barrel miles.

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 eight months of 1952 per table 6	97,786,160
Received into Trunk Lines from Other Canadian Pipe Lines	31,186,037
"Net Received" into Canadian Pipe Line Systems	66,600,123
"Net Received" into Trunk Systems per table 1	35,306,942
"Net Received" into Gathering Systems per table 2	31,293,181
Total Delivered out of Systems - all companies - during	
first eight months of 1952, per table 6	97,655,013
Delivered to other Canadian Pipe Lines	31,184,355
"Net Delivered" from Canadian Pipe Line Systems	66,470,658
"Net Delivered" from Trunk Systems per table 1	65,558,683
"Net Delivered" from Gathering Systems per table 2	911,975

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 eight-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - AUGUST, 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 August 31, 1952	31,293,181	
Received into Trunk Systems January 1 to August 31, 1952	80,991,938	112,285,119
Total oil accountable for period		114,698,949
Delivered from Gathering Systems, January 1 to August 31, 1952	31,319,818	
Delivered from Trunk Systems, January 1 to August 31, 1952	80,834,154	112,153,972
Balance to be accounted for at August 31, 1952		2,544,977
Oil consumed as fuel and losses		165,802
Balance on hand - August 31, 1952		2,379,175
Total Shippers Balances - August 31, 1952	2,085,333	
Total Carriers Balances - August 31, 1952	293,842	

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>
August, 1951	516,427	60,278
July, 1952	516,282	45,086
August, 1952	386,557	47,436
Year to Date, 1952 (eight months) . .	5,741,164	416,501

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	AUGUST 1952	JULY 1952	AUGUST 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received</u> * (2+3+4+5)	12,514,884	12,112,151	9,795,828	80,991,938
Less: Received from other Canadian pipe lines-				
2. Own gathering system	2,034,450	1,982,233	1,420,217	14,498,959
3. Other pipe lines - Gathering	2,683,513	2,606,120	2,882,469	15,934,609
4. Trunk	2,448,566	2,274,209	1,419,318	15,251,428
5. <u>Net Received</u> (6+7+8)	5,348,355	5,249,589	4,073,824	35,306,942
6. Originating on own trunk lines	524,420	495,591	-	2,191,291
7. Received from foreign pipe line connections	4,563,041	4,408,373	3,852,389	31,789,337
8. Received from other carriers (rail & truck)	260,894	345,625	221,435	1,326,314
9. <u>Total Delivered</u> * (10+11)	12,530,229	12,223,033	9,675,372	80,834,154
10. Less: Delivered to other Canadian trunk lines	2,448,724	2,270,890	1,440,212	15,275,471
11. <u>Net Delivered</u> (12+13+14)	10,081,605	9,952,143	8,235,160	65,558,683
12. Terminated on own trunk lines	7,556,006	7,403,551	6,569,832	52,209,797
13. Delivered to foreign pipe line connections	2,525,599	2,548,592	1,665,328	13,348,886
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications

† Includes products and natural gasoline.

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	AUGUST 1952	JULY 1952	AUGUST 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	4,808,879	4,714,462	4,668,267	31,293,181
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received</u> (18+19)	4,808,879	4,714,462	4,668,267	31,293,181
18. Originating on own gathering system	4,795,658	4,698,410	4,642,756	31,210,843
19. Received from other carriers (rail & truck)	13,221	16,052	25,511	82,338
20. <u>Total Delivered</u> * (21+22+23)	4,812,100	4,694,192	4,669,692	31,319,818
Less: Delivered to other pipe lines-				
21. Own trunk system	2,034,450	1,982,233	1,420,217	14,498,959
22. Other pipe lines	2,680,576	2,603,129	2,877,851	15,908,884
23. <u>Net Delivered</u> (24+25)	97,074	108,830	391,624	911,975
24. Terminated on gathering systems	33,222	52,507	111,104	285,131
25. Delivered to other carriers (rail & truck)	63,852	56,323	280,520	626,844

* Includes duplications

† Includes natural gasoline.

TABLE 3

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

Province	AUGUST 1952	JULY 1952	AUGUST 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾ - Gathering	4,808,879	4,714,462	4,668,267	31,293,181
- Trunk	652,073	702,832	221,435	2,720,507
Ontario ⁽²⁾ - Trunk	133,241	137,062	-	797,098
Quebec ⁽³⁾ - Trunk	4,563,041	4,418,052	3,852,389	31,789,337
Net Received - Trunk	5,348,355	5,249,589	4,073,824	35,306,942
Total	10,157,234	9,954,051	8,742,091	66,600,123

TABLE 4

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

Province	AUGUST 1952	JULY 1952	AUGUST 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾ - Gathering	97,074	108,830	391,624	911,975
- Trunk	1,219,271	1,299,662	1,252,629	8,949,407
Saskatchewan - Trunk	1,096,385	1,093,332	883,598	6,824,729
Manitoba ^{††} - Trunk	3,070,351	3,004,035	2,266,098	17,340,501
Ontario ⁽²⁾ - Trunk	132,384	137,062	-	741,515
Quebec - Trunk	4,563,214	4,418,052	3,832,835	31,702,531
Net Delivered - Trunk	10,081,605	9,952,143	8,235,160	65,558,683
Total	10,178,679	10,060,973	8,626,784	66,470,658
^{††} Including deliveries to U.S. pipe lines at Gretna, Man.	2,525,599	2,548,592	1,665,328	13,348,886

TABLE 5

OPERATING STATISTICS

	AUGUST 1952	JULY 1952	AUGUST ⁽⁶⁾ 1951	YEAR TO DATE 1952
Barrels Handled - Daily Average				
Gathering Systems	Barrels	151,426	151,281	128,360
Trunk Lines	"	394,291	312,108	331,288
Total Barrel Miles (Trunk Lines)	Millions	3,264	2,581	19,787
Average Miles per Barrel (Trunk Lines)	Miles	267.0	266.8	244.8
Employees and Earnings				
Average Number ⁽⁴⁾	Number	683	558	644
Total Salaries and Wages	\$	238,443	* 184,323	1,745,695
Man Hours Worked by Wage Earners ⁽⁵⁾	Hours	45,841	39,024	313,739

- (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 Sarnia Products line.

* Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

AUGUST, 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>Barrels</u>					
<u>Total Received into System</u>					
This month (August, 1952)	4,436,288	4,319,745	4,563,041	(2) 1,970,239	15,289,313
This year (8 months)	27,626,969	25,922,621	31,789,337	(3) 12,447,233	97,786,160
<u>Total Delivered out of System</u>					
This month (August, 1952)	4,446,881	4,379,649	4,563,214	(4) 1,918,235	15,307,979
This year (8 months)	27,671,444	25,974,203	31,702,531	(5) 12,306,836	97,655,013
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (August, 1952)	135,032	-	-	20,197	155,229
This year (8 months)	107,972	-	-	20,388	128,360
<u>Trunk Lines</u>					
This month (August, 1952)	68,966	141,279	147,200	46,759	404,204
This year (8 months)	56,480	106,452	129,928	38,428	331,288
<u>Total Barrel Miles</u>					
<u>(Trunk Lines - in millions)</u>					
This month (August, 1952)	38	2,929	335	68	3,370
This year (8 months)	244	16,764	2,335	444	19,787
<u>Average Miles per Barrel</u>					
<u>(Trunk Lines)</u>					
This month (August, 1952)	17.7	669.0	73.6	46.6	269.0
This year (8 months)	17.7	645.0	73.6	47.5	244.9
REVENUE AND EMPLOYEES					
<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
EMPLOYEES AND EARNINGS					
<u>Number</u>					
Number of employees (August, 1952)	233	326	51	86	696
<u>Dollars</u>					
Salaries and Wages					
This month (August, 1952)	76,527	124,015	17,150	25,232	242,924
This year (8 months)	570,567	876,406	112,230	186,492	1,745,695
<u>Man Hours Worked by Wage Earners</u>					
<u>Hours</u>					
This month (August, 1952)	30,131	2,000	2,871	7,769	42,771
This year (8 months)	227,948	8,763	13,839	63,189	313,739

* 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
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Socony-Vacuum Exploration Company
 Texaco Exploration Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited.

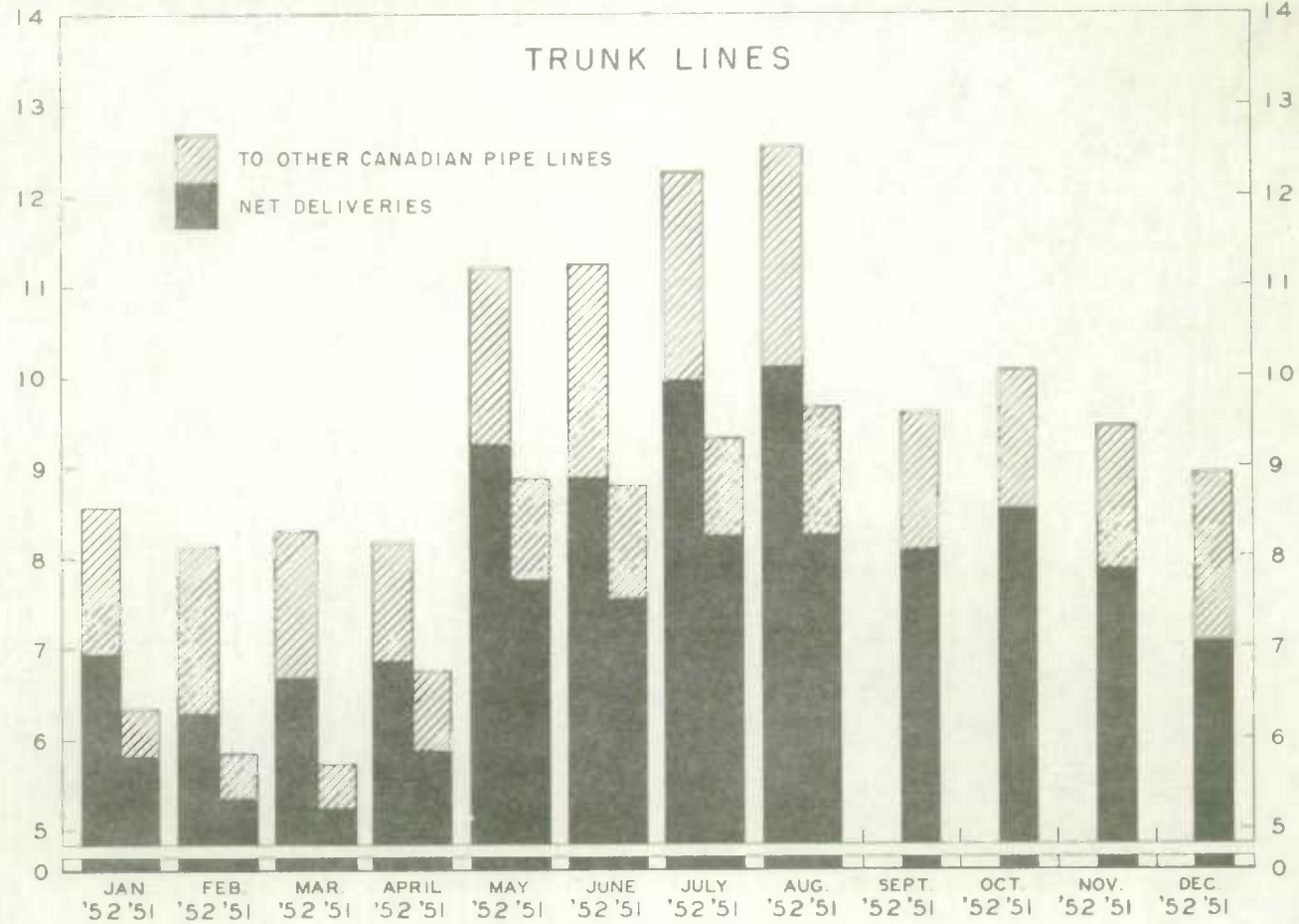
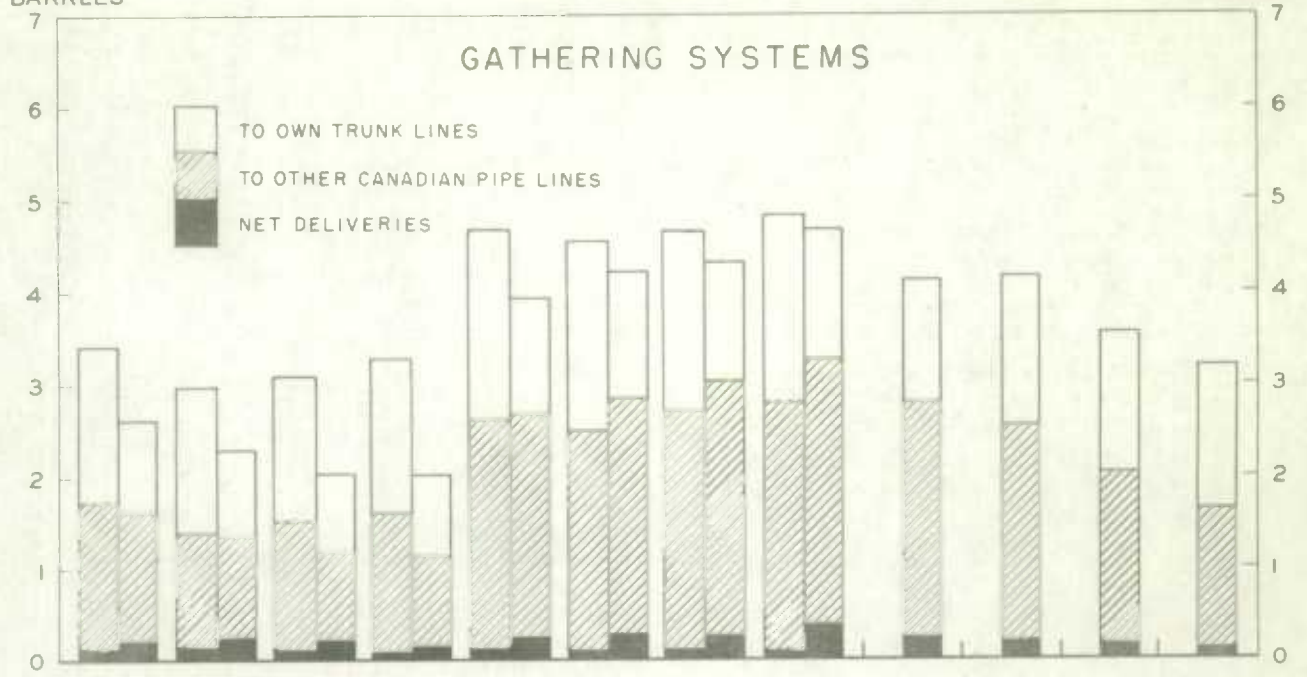
- (6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line, Limited
 Edmonton Pipe Line Company, Limited
 Texaco Exploration Company
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited.

- (2) Includes 133,241 bbls. Products and 30,238 bbls. natural gasoline.
 (3) " 797,098 " " 300,610 " " "
 (4) " 132,384 " " 30,797 " " "
 (5) " 741,515 " " 295,361 " " "

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

MILLION
 BARRELS

MILLION
 BARRELS



* CRUDE PLUS SOME NATURAL GASOLINE AND PRODUCTS.