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Memorandum

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PIPE LINES (OIL) STATISTICS

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The amount of oil moved through Canadian pipe lines rose during June to an average of 485,409 barrels per day, compared with 476,595 barrels in May and 432,139 in June, 1953.

Total net deliveries for the month of June amounted to 14,562,271 barrels compared with 14,774,459 in May and 12,964,162 in June, 1953. For the six months ended June 30, net deliveries totalled 83,480,256 barrels as against 68,455,253 barrels in the corresponding period of 1953, an increase of 22 p.c. Deliveries by provinces to the end of June were as follows (1953 data in brackets): British Columbia, 6,191,168 barrels (nil *); Alberta, 7,957,748 (7,867,189); Saskatchewan, 6,516,708 (6,863,021); Manitoba, 19,083,158 (15,465,895); Ontario, 15,974,647 (11,897,786) and Quebec, 27,756,827 (26,361,362). Manitoba deliveries included 15,923,657 barrels (12,709,396) transferred to the Lakehead Pipe Line Company at Gretna and 3,159,501 (2,756,499) delivered within the province. Oil moved from western Canada through the United States via the Lakehead line to re-enter Canada at Sarnia amounted to 15,442,640 barrels for the first six months of the year.

Total net receipts for June amounted to 14,163,790 barrels and included 7,086,167 barrels of Alberta crude, 36,301 of Alberta natural gasoline, 164,887 of Manitoba crude, 4,032,981 of imported crude and 2,843,454 barrels of refinery products.

Gathering systems handled an average of 196,551 barrels per day, an increase over May of almost 29,000 barrels. Trunk lines, with an average delivery of 574,991 barrels per day, recorded an increase of 7% over May deliveries of 536,078 barrels and were 21 p.c. above June last year. Total barrel miles increased by 8 p.c. from 5,143 million in May to 5,568 in June. The average haul also recorded an increase at 322.7 miles, compared with 309.4 in May and 297.8 in June, 1953.

Earnings and employees showed little change from the previous month, but compared with June, 1953, the number of employees was up by 31 p.c., from 917 in 1953 to 1,203 in 1954, and total earnings rose from \$332,473 to \$459,149, or by 38 p.c.

Operating revenues for the first half of the year recorded an increase over the previous year of 52 p.c., rising from \$12,805,250 in 1953 to \$19,434,488 in 1954.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. 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 pipe line operation of the Anglo American Exploration Co. in Alberta, Anglo Canadian Oils, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

* The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

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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 inter-company transfers of oil. These differences are accounted for in the following table.

	<u>Barrels</u>
Total Received into Systems - all companies -	
during first six months of 1954, per table 6	123,752,127
Received into Trunk Lines from Other Canadian Pipe Lines	40,811,970
"Net Received" into Canadian Pipe Line Systems	82,940,157
"Net Received" into Trunk Systems per table 1	51,761,651
"Net Received" into Gathering Systems per table 2	31,178,506
 Total Delivered out of Systems - all companies -	
during first six months of 1954, per table 6	124,518,928
Delivered to other Canadian Pipe Lines	41,038,672
"Net Delivered" from Canadian Pipe Line Systems	85,480,256
"Net Delivered" from Trunk Systems per table 1	78,995,565
"Net Delivered" from Gathering Systems per table 2	4,484,691

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 June and are given herewith:

OIL BALANCE - ALL COMPANIES - JUNE, 1954

	<u>Barrels</u>	
Total Shippers Balances - January 1, 1954	6,141,288	
Total Carriers Balances - January 1, 1954	787,070	6,928,358
Received into Gathering Systems January 1 to June 30, 1954	31,178,506	
Received into Trunk Systems January 1 to June 30, 1954	98,417,784	129,596,290
Total oil accountable for Period		136,524,648
Delivered from Gathering Systems January 1 to June 30, 1954	31,229,898	
Delivered from Trunk Systems January 1 to June 30, 1954	99,133,193	130,363,091
Balance to be accounted for at June 30, 1954		6,161,557
Oil consumed as fuel and losses		160,941
Balance on hand - June 30, 1954		6,000,616
Total Shippers Balances - June 30, 1954	(1) 5,415,509	
Total Carriers Balances - June 30, 1954	585,107	

With the completion in December of Interprovincial's extension to Sarnia, there are now three oil pipe lines crossing the St. Clair River from the United States at Sarnia. The limited nature of their domestic 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 lines statistics. A summary of oil delivered by the three pipe lines follows:

Month	Interprovincial Pipe Line Company	The Buckeye Pipe Line Company	Sun Pipe Line Company
	Crude Oil	Crude Oil	Crude and Refined Oil
	Barrels	Barrels	Barrels
June, 1953	-	(2) 306,834	81,440
May, 1954	2,659,365	-	460,593
June, 1954	3,119,444	-	409,806

(1) Includes 657,729 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.

(2) Deliveries of Transit and Storage Company, whose pipe line properties were sold to the Buckeye Pipe Line Company.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	JUNE 1 9 5 4	MAY 1 9 5 4	x JUNE 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received & (2+3+4+5)</u>	16,884,624	16,813,984	14,216,837	98,417,784
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	1,023,873	954,731	620,982	6,844,163
3. Other pipe lines - Gathering	2,435,925	2,069,030	2,161,572	11,816,878
4. Trunk	5,226,084	4,009,335	3,494,817	28,995,092
5. <u>Net Received (6+7+8)</u>	8,296,742	8,780,888	7,939,466	61,761,651
6. Originating on own trunk lines	4,263,761	4,028,200	3,136,604	23,699,272
7. Received from foreign pipe line connections	4,032,981	4,752,688	4,780,765	27,695,940
8. Received from other carriers (rail & truck)	-	-	22,097	366,439
9. <u>Total Delivered & (10+11)</u>	17,249,736	16,618,429	14,207,643	99,133,193
10. Less: Delivered to other Canadian trunk lines	3,578,986	2,631,102	2,222,074	20,137,628
11. <u>Net Delivered (12+13+14)</u>	13,670,750	13,987,327	11,985,569	78,995,565
12. Terminated on own trunk lines	10,432,997	10,664,402	9,055,126	63,064,425
13. Delivered to foreign pipe line connections	3,235,936	3,317,259	2,930,443	15,923,657
14. Delivered to other carriers (rail & truck)	1,817	5,666	-	7,483

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	JUNE 1 9 5 4	MAY 1 9 5 4	JUNE 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	5,867,048	5,209,749	5,022,164	31,178,506
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	5,867,048	5,209,749	5,022,164	31,178,506
18. Originating on own gathering system	5,552,475	5,056,033	4,904,551	29,813,814
19. Received from other carriers (rail & truck)	314,573	153,716	117,613	1,364,692
20. <u>Total Delivered & (21+22+23)</u>	5,896,531	5,199,118	5,029,848	31,229,898
Less: Delivered to other pipe lines -				
21. Own Trunk system	1,023,873	954,731	620,982	6,844,163
22. Other pipe lines	3,981,137	3,457,255	3,430,273	20,901,044
23. <u>Net Delivered (24+25)</u>	891,521	787,132	978,593	4,484,691
24. Terminated on gathering systems	777,897	736,796	811,862	4,162,247
25. Delivered to other carriers (rail & truck)	113,624	50,336	166,731	322,444

∕ Includes natural gasoline and products.

& Includes duplications.

∅ Includes natural gasoline.

x Revised.

TABLE 3

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

Province		JUNE	MAY	x JUNE	YEAR TO DATE
		1 9 5 4	1 9 5 4	1 9 5 3	1 9 5 4
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	5,702,161	5,087,438	5,022,164	30,480,026
"	- Trunk	1,527,398	1,340,102	1,192,217	7,752,802
Saskatchewan	- Trunk	-	-	-	1,947
Manitoba	- Trunk	-	-	22,097	344,889
"	- Gathering	164,887	122,311	-	698,480
Ontario (2)	- Trunk	1,612,204	1,657,416	766,459	9,314,021
Quebec (3)	- Trunk	5,167,140	5,783,370	5,958,693	34,347,992
Net Received	- Gathering	5,867,048	5,209,749	5,022,164	31,178,506
"	" - Trunk	8,296,742	8,780,888	7,939,466	51,761,651
"	" - Total	14,163,790	13,990,637	12,961,630	82,940,157

TABLE 4

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

Province		JUNE	MAY	JUNE	YEAR TO DATE
		1 9 5 4	1 9 5 4	1 9 5 3	1 9 5 4
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	1,192,451	944,930	-	6,191,168
Alberta (1)	- Gathering	891,521	787,132	978,593	4,484,691
"	- Trunk	545,601	554,598	563,062	3,473,057
Saskatchewan	- Trunk	1,293,489	1,189,320	1,260,515	6,516,708
Manitoba	- Trunk	3,873,558	3,648,355	3,464,339	19,083,158
Ontario (2)	- Trunk	2,739,958	2,731,206	1,944,093	15,974,647
Quebec	- Trunk	4,025,693	4,878,918	4,753,560	27,756,827
Net Delivered	- Trunk	13,670,750	13,987,327	11,985,569	78,995,565
"	" - Total	14,562,271	14,774,459	12,964,162	83,480,256
Including deliveries to U.S. pipe lines at Gretna, Man.		3,235,936	3,317,259	2,930,443	15,923,657

TABLE 5

OPERATING STATISTICS

		JUNE	MAY	JUNE	YEAR TO DATE
		1 9 5 4	1 9 5 4	1 9 5 3	1 9 5 4
Barrels Handled - Daily Average					
Gathering Systems	Barrels	196,551	167,713	167,661	172,541
Trunk Lines	"	574,991	536,078	473,588	547,697
Total Barrel Miles (Trunk Lines)	Millions	5,568	5,143	4,230	28,728
Average Miles Per Barrel (Trunk Lines)	Miles	322.7	309.4	297.8	289.8
Employees and Earnings (6)					
Average Number (4)	No.	1,203	1,199	917	1,175
Total Salaries and Wages	\$	459,149	453,999	332,473	2,684,092
Man Hours Worked by Wage Earners (5) (6)	Hours	52,771	53,023	47,865	306,232

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products

x Revised.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., and Sarnia Products Line.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JUNE, 1954

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC *						
<u>Barrels</u>						
<u>Total Received into System</u>						
This month (June, 1954)	4,168,683	5,775,007	4,032,981	728,263	(2) 7,022,866	21,727,799
This year (6 months)	22,312,813	29,917,013	27,695,940	5,517,037	(3) 38,509,324	123,752,127
<u>Total Delivered out of System</u>						
This month (June, 1954)	4,173,119	5,667,325	4,025,693	1,192,451	(4) 7,063,806	22,122,394
This year (6 months)	22,330,053	29,942,508	27,756,827	6,191,271	(5) 38,298,269	124,518,928
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (June, 1954)	139,104	-	-	-	57,447	196,551
This year (6 months)	123,370	-	-	-	49,171	172,541
<u>Trunk Lines</u>						
This month (June, 1954)	-	188,910	134,190	39,748	212,143	574,991
This year (6 months)	-	165,428	153,353	34,206	194,710	547,697
<u>Total Barrel Miles</u>						
<u>(Trunk Lines - in millions)</u>						
This month (June, 1954)	-	3,495	294	846	933	5,568
This year (6 months)	-	17,267	2,040	4,374	5,047	28,728
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (June, 1954)	-	617.0	73.1	709.0	146.5	322.7
This year (6 months)	-	577.0	73.5	706.0	143.2	289.8
OPERATING REVENUES						
<u>Dollars</u>						
Three months ending March 31, 1954	930,894	4,200,082	474,043	1,563,475	x 2,570,495	x 9,738,989
Six months ending June 30, 1954	1,837,764	8,572,413	930,621	2,954,144	5,139,546	19,434,488
EMPLOYEES AND EARNINGS						
<u>Number</u>						
Number of employees (June, 1954)	218	433	51	167	(6) 334	1,203
<u>Dollars</u>						
<u>Salaries and Wages</u>						
This month (June, 1954)	75,072	172,016	18,060	74,282	(6) 119,719	459,149
This year (6 months)	446,982	967,300	99,262	484,190	(6) 686,358	2,684,092
<u>Hours</u>						
<u>Man Hours Worked by Wage Earners</u>						
This month (June, 1954)	26,982	1,318	1,906	1,121	(6) 21,444	52,771
This year (6 months)	153,832	9,665	5,078	13,922	(6) 123,735	306,232

* Totals include duplication between companies.

x Revised

(1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Northern Development Company, Ltd.; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Co. Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

(2) Includes 2,843,454 bbls. products and 36,301 bbls. natural gasoline.

(3) Includes 16,078,830 bbls. products and 250,621 bbls. natural gasoline.

(4) Includes 2,794,412 bbls. products and 34,062 bbls. natural gasoline.

(5) Includes 16,034,767 bbls. products and 247,497 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, and Imperial Oil - Sarnia Products Pipe Line Division.

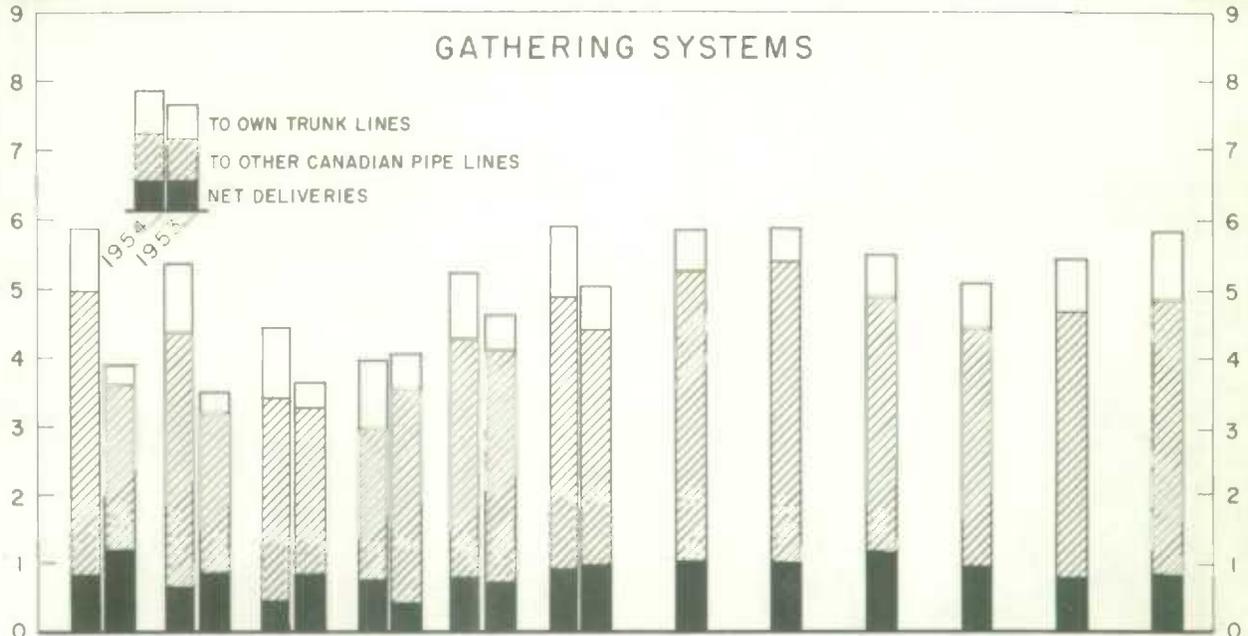


MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES

