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PIPE LINES (OIL) STATISTICS

Net deliveries of oil from Canadian pipe lines fell off during July to an average of 474,974 barrels per day from 485,679^x in June, but were well above the daily average of 438,049 barrels reported in July of one year ago.

For the month of July 1954 total net deliveries from gathering systems and trunk lines amounted to 14,724,204 barrels compared with 13,579,517 in July last year, an increase of 8 p.c. Total net delivering to the end of July amounted to 98,221,193 barrels as against 82,034,770 during the same period last year, up 20 p.c. By provinces, deliveries for the seven months were as follows, (1953 data in brackets): British Columbia 7,229,544 barrels (nil *); Alberta 9,491,131 (9,509,718); Saskatchewan 7,787,306 (8,069,390); Manitoba 23,208,729 (19,109,107); Ontario 18,545,494 (14,036,319) and Quebec 31,958,989 (31,310,236). Deliveries in Manitoba included 19,419,662 barrels (15,703,301) transferred to the Lakehead Pipe Line Company at Gretna and 3,789,067 (3,405,806) delivered within the province. Crude oil from western Canada carried through the United States by the Lakehead line to re-enter Canada at Sarnia amounted to 18,346,376 barrels by the end of July.

Net receipts for the month totalled 15,177,038 barrels and included 8,145,884 barrels of Alberta crude oil, 40,296 barrels of Alberta natural gasoline, 191,601 of Manitoba crude, 4,226,285 imported crude and 2,572,972 barrels of refinery products.

An average of 213,589 barrels per day was handled by gathering systems as against 196,407 barrels in June and 189,561 in July of last year. Trunk lines averaged 576,626 barrels per day, a slight increase over the June figure and 14 p.c. above July 1953. Barrel miles at 5,621 million showed little change from June but were 23 p.c. above the 4,581 million recorded one year ago. The average haul dropped from 322.7 miles in June to 314.4 but was well above the 1953 haul of 293.3 miles.

A slight rise in employment was shown in July with 1,207 employees earning \$460,253, against 1,203 employees earning \$459,149 in June. Compared with July, 1953, however, the number of employees was up by 30 p.c. while salaries and wages recorded an increase of 37 p.c.

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. Operating statistics of the Nisku Products Pipe Line Company, Limited, carrying natural gasoline from the compression refrigeration plant at Devon to refineries at Edmonton are included in this report. Employee data are not available for this line.

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

x Revised.

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>Barrals</u>
Total Received into Systems - all companies -	
during first seven months of 1954, per table 6	147,674,283
Received into Trunk Lines from other Canadian Pipe Lines	49,539,911
"Net Received" into Canadian Pipe Line Systems	98,134,372
"Net Received" into Trunk Systems per table 1	60,284,476
"Net Received" into Gathering Systems per table 2	37,849,896
Total Delivered out of Systems - all companies -	
during first seven months of 1954, per table 6	147,992,337
Delivered to other Canadian Pipe Lines	49,771,144
"Net Delivered" from Canadian Pipe Line Systems	98,221,193
"Net Delivered" from Trunk Systems per table 1	92,773,879
"Net Delivered" from Gathering Systems per table 2	5,447,314

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 July and are given herewith:

OIL BALANCE - ALL COMPANIES - JULY, 1954

	<u>Barrals</u>
Total Shippers Balances - January 1, 1954	6,141,288
Total Carriers Balances - January 1, 1954	<u>787,070</u> 6,928,358
Received into Gathering Systems January 1 to July 31, 1954	37,849,896
Received into Trunk Systems January 1 to July 31, 1954	<u>116,704,237</u> 154,554,133
Total oil accountable for Period	161,482,491
Delivered from Gathering Systems January 1 to July 31, 1954	37,846,840
Delivered from Trunk Systems January 1 to July 31, 1954	<u>117,025,347</u> 154,872,187
Balance to be accounted for at July 31, 1954	6,610,304
Oil consumed as fuel and losses	201,244
Balance on hand - July 31, 1954	<u>6,409,060</u>
Total Shippers Balances - July 31, 1954	(1) 5,849,756
Total Carriers Balances - July 31, 1954	559,304

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
	Barrals	Barrals	Barrals
July, 1953	-	(2) 1,290	138,854
June, 1954	3,119,444	-	409,806
July, 1954	2,903,736	-	506,207

(1) Includes 650,475 barrals 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

OIL¹ CARRIED BY PIPE LINES - TRUNK

	JULY 1954	x JUNE 1954	JULY 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	18,273,588	16,888,294	16,467,836	116,704,237
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	1,039,999	1,019,561	591,669	6,879,850
3. Other pipe lines - Gathering	2,935,310	2,435,925	2,547,185	14,752,188
4. Trunk	5,792,631	5,128,084	4,751,440	34,787,723
5. <u>Net Received (6+7+8)</u>	8,505,648	8,304,724	8,577,542	60,284,476
6. Originating on own trunk lines	4,279,363	4,271,743	3,654,524	27,995,812
7. Received from foreign pipe line connections	4,226,285	4,032,981	4,890,921	31,922,225
8. Received from other carriers (rail & truck)	-	-	32,097	366,439
9. <u>Total Delivered * (10+11)</u>	17,875,421	17,257,822	15,619,309	117,025,247
10. Less: Delivered to other Canadian trunk lines	4,113,840	3,578,986	3,058,556	24,251,468
11. <u>Net Delivered (12+13+14)</u>	13,761,581	13,678,836	12,560,753	92,773,879
12. Terminated on own trunk lines	10,261,495	10,440,381	9,566,673	73,341,951
13. Delivered to foreign pipe line connections	3,496,005	3,235,936	2,993,905	19,419,662
14. Delivered to other carriers (rail & truck)	4,081	2,519	175	12,266

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	JULY 1954	x JUNE 1954	JULY 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	6,671,390	5,867,048	5,880,906	37,849,896
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	6,671,390	5,867,048	5,880,906	37,849,896
18. Originating on own gathering system	6,174,035	5,552,475	5,703,264	35,987,849
19. Received from other carriers (rail & truck)	497,355	314,573	177,642	1,862,047
20. <u>Total Delivered * (21+22+23)</u>	6,621,254	5,892,219	5,876,387	37,846,840
Less: Delivered to other pipe lines -				
21. Own Trunk system	1,039,999	1,019,561	591,669	6,879,850
22. Other pipe lines	4,618,632	3,981,137	4,265,954	25,519,676
23. <u>Net Delivered (24+25)</u>	962,623	891,521	1,018,764	5,447,314
24. Terminated on gathering systems	839,218	777,897	890,857	5,001,465
25. Delivered to other carriers (rail & truck)	123,405	113,624	127,907	445,849

¹ Includes natural gasoline and products.

* Includes duplications.

¹ Includes natural gasoline.

x Revised.

TABLE 3

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

Province	JULY 1954	x JUNE 1954	JULY 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	6,479,789	5,702,161	5,880,906	36,959,815
" - Trunk	1,708,482	1,535,380	1,525,819	9,478,461
Saskatchewan - Trunk	-	-	-	1,947
Manitoba - Trunk	-	-	32,097	344,889
" - Gathering	191,601	164,887	-	890,081
Ontario (2) - Trunk	1,479,721	1,612,204	864,634	10,793,742
Quebec (3) - Trunk	5,317,445	5,157,140	6,154,992	39,665,437
Net Received - Gathering	6,671,390	5,867,048	5,880,906	37,849,896
" " - Trunk	8,505,648	8,304,724	8,577,542	60,284,476
" " - Total	15,177,038	14,171,772	14,458,448	98,134,372

TABLE 4

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

Province	JULY 1954	x JUNE 1954	JULY 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
British Columbia - Trunk	1,038,376	1,192,451	-	7,229,544
Alberta (1) - Gathering	962,623	891,521	1,018,764	5,447,314
" - Trunk	554,027	553,687	623,765	4,043,817
Saskatchewan - Trunk	1,270,598	1,293,489	1,206,369	7,787,306
Manitoba / - Trunk	4,125,571	3,873,558	3,643,212	23,208,729
Ontario (2) - Trunk	2,570,847	2,739,958	2,138,533	18,545,494
Quebec - Trunk	4,202,162	4,025,693	4,948,874	31,958,989
Net Delivered - Trunk	13,761,581	13,678,836	12,560,753	92,773,879
" " - Total	14,724,204	14,570,357	13,579,517	98,221,193
/ Including deliveries to U.S. pipe lines at Gretna, Man.	3,496,005	3,235,936	2,993,905	19,419,662

TABLE 5

OPERATING STATISTICS

	JULY 1954	x JUNE 1954	JULY 1953	YEAR TO DATE 1954
Barrels Handled - Daily Average				
Gathering systems	Barrels 213,589	196,407	189,561	178,522
Trunk Lines	" 576,626	575,261	503,849	552,006
Total Barrel Miles (Trunk Lines)	Millions 5,621	5,569	4,581	34,350
Average Miles per Barrel (Trunk Lines)	Miles 314.4	322.7	293.3	293.5
Employees and Earnings (6)				
Average Number (4)	No. 1,207	1,203	930	1,180
Total Salaries and Wages	\$ 460,253	459,149	335,462	3,144,345
Man Hours Worked by Wage Earners (5) (6)	Hours 51,974	52,771	50,833	358,206

(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., Sarnia Products Line, and Nisku Products Pipe Line Company, Limited.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JULY, 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 (July, 1954)	4,747,821	6,323,441	4,226,285	1,333,138	(2) 7,274,294	23,904,979
This year (7 months)	27,060,634	36,240,454	31,922,225	6,850,175	(3) 45,600,795	147,674,283
<u>Total Delivered out of System</u>						
This month (July, 1954)	4,762,203	6,221,314	4,202,162	1,038,376	(4) 7,232,621	23,456,676
This year (7 months)	27,092,256	36,163,822	31,958,989	7,229,647	(5) 45,547,623	147,992,337
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (July, 1954)	153,619	-	-	-	59,970	213,589
This year (7 months)	127,794	-	-	-	50,728	178,522
<u>Trunk Lines</u>						
This month (July, 1954)	-	200,688	135,554	33,496	206,888	576,626
This year (7 months)	-	170,584	150,750	34,102	196,570	552,006
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (July, 1954)	-	3,669	307	746	899	5,621
This year (7 months)	-	20,936	2,346	5,120	5,948	34,350
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (July, 1954)	-	590.0	73.0	713.0	132.3	314.4
This year (7 months)	-	579.0	73.4	708.0	142.7	293.5
OPERATING REVENUES			<u>Dollars</u>			
Three months ending March 31, 1954	930,894	4,200,082	474,043	1,563,475	(6) 2,570,495	9,738,989
Six months ending June 30, 1954	1,837,764	8,572,413	930,621	2,954,144	(6) 5,139,546	19,434,488
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of employees (July, 1954)	216	428	54	167	(7) 342	1,207
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (July, 1954)	76,653	170,782	19,010	74,923	(7) 118,885	460,253
This year (7 months)	523,635	1,138,082	118,272	559,113	(7) 805,243	3,144,345
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (July, 1954)	26,843	689	2,323	1,337	(7) 20,782	51,974
This year (7 months)	180,675	10,354	7,401	15,259	(7) 144,517	358,206

* Totals include duplication between companies.

- (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; Nisku Products Pipe Line Company, Limited; Northern Development Company, Limited; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 2,572,972 bbls. products and 40,296 bbls. natural gasoline.
- (3) Includes 18,599,165 bbls. products and 308,094 bbls. natural gasoline.
- (4) Includes 2,572,938 bbls. products and 39,550 bbls. natural gasoline.
- (5) Includes 18,607,705 bbls. products and 303,780 bbls. natural gasoline.
- (6) Includes Amurex Oil Development Company.
- (7) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, and Nisku Products Pipe Line Company, Limited.



MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

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BARRELS

