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PIPE LINES (OIL) STATISTICS

Vol. 5, No. 6

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JUNE, 1955.

The amount of oil carried by Canadian pipe lines rose during June to an average of 603,712 barrels per day as compared with an average of 558,974 barrels in May and 487,203 in June of the previous year, an increase of 8.0 and 23.9 per cent, respectively.

Total net deliveries for the month of June aggregated 18,111,357 barrels as against 17,328,184 barrels in May and 14,616,093 barrels in June, 1954. For the six months ended June 30, net deliveries totalled 103,662,064 barrels, an increase of 20,016,561 barrels or 23.9 per cent over the 1954 total of 83,645,503 barrels. Deliveries by provinces to the end of June were as follows with similar data for 1954 in brackets: British Columbia, 13,354,047 barrels (6,191,168); Alberta, 8,345,927 barrels (7,974,481); Saskatchewan, 7,767,819 barrels (6,665,222); Manitoba, 23,228,643 barrels (19,083,158); Ontario, 18,376,834 barrels (15,974,647); and, Quebec 32,588,794 barrels (27,756,827). Manitoba deliveries included 19,658,576 barrels (15,923,657) transferred to the Lakehead Pipe Line Company for transport through the United States, principally to Sarnia refineries. The remainder 3,570,067 barrels (3,159,501) were delivered within the province.

Net receipts during June amounted to 18,249,761 barrels as compared with 14,222,363 barrels in the same month last year, an increase of 4,027,398 barrels or 28.3 per cent. Included in the receipts for June were 9,163,735 barrels of Alberta crude, 42,565 of Alberta natural gasoline, 497,015 of Saskatchewan crude, 340,516 of Manitoba crude, 5,483,573 of imported crude and 2,722,357 barrels of refinery products.

Both gathering and trunk lines handled more oil than in the previous month. Gathering systems handled an average of 313,442 barrels per day as against 279,280 barrels in May, a gain of 12.2 per cent. Trunk lines handled an average of 776,073 barrels per day, 8.4 per cent above the May average of 715,726 barrels. Barrel miles rose to 6,797 million compared with 6,550 in May and 5,569 million in June 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 Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company and Anglo Canadian Oils, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Note: Data for June 1954 revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

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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.

	Barrels
Total Received into Systems - all companies - during first six months of 1955, per table 6	160,198,306
Received into Trunk Lines from other Canadian Pipe Lines	56,021,556
"Net Received" into Canadian Pipe Line Systems	104,176,750
"Net Received" into Trunk Systems per table 1	54,775,687
"Net Received" into Gathering Systems per table 2	49,401,063
 Total Delivered out of Systems - all companies - during first six months of 1955, per table 6	 159,832,561
Delivered to other Canadian Pipe Lines	56,170,497
"Net Delivered" from Canadian Pipe Line Systems	103,662,064
"Net Delivered" from Trunk Systems per table 1	98,652,417
"Net Delivered" from Gathering Systems per table 2	5,009,647

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, 1955

	Barrels	
Total Shippers Balances - January 1, 1955	8,041,597	
Total Carriers Balances - January 1, 1955	379,397	8,420,994
Received into Gathering Systems January 1 to June 30, 1955	49,401,063	
Received into Trunk Systems January 1 to June 30, 1955	129,094,224	178,495,287
 Total oil accountable for period		186,916,281
Delivered from Gathering Systems January 1 to June 30, 1955	49,387,894	
Delivered from Trunk Systems January 1 to June 30, 1955	128,741,648	178,129,542
 Balance to be accounted for at June 30, 1955		8,786,739
Oil consumed as fuel and losses		106,842
Balance on hand - June 30, 1955		8,679,897
Total Shippers Balances - June 30, 1955	8,286,293	
Total Carriers Balances - June 30, 1955	393,604	

The Interprovincial and Sun Pipe Companies operate lines across the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these 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 these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
June, 1954	3,119,444	409,806
May, 1955	2,975,775	428,132
June, 1955	3,339,575	364,545

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	JUNE 1955	MAY 1955	JUNE # 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	23,355,746	22,649,647	16,888,294	129,094,224
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	3,664,944	3,412,061	1,019,561	18,296,981
3. Other pipe lines - Gathering	3,226,064	2,795,238	2,435,925	16,295,619
4. Trunk	7,604,815	7,383,680	5,128,084	39,725,937
5. <u>Net Received (6+7+8)</u>	8,859,923	9,058,668	8,304,724	54,775,687
6. Originating on own trunk lines	3,132,424	3,103,059	4,271,743	21,176,356
7. Received from foreign pipe line connections	5,483,573	5,847,599	4,032,981	32,622,483
8. Received from other carriers (rail & truck)	243,926	108,010	-	976,848
9. <u>Total Delivered * (10+11)</u>	23,282,189	22,187,509	17,257,822	128,741,648
10. Less: Delivered to other Canadian trunk lines	6,106,101	5,398,230	3,578,986	30,089,231
11. <u>Net Delivered (12+13+14)</u>	17,176,088	16,789,279	13,678,836	98,652,417
12. Terminated on own trunk lines	12,356,431	12,692,895	10,440,381	74,858,801
13. Delivered to foreign pipe line connections	4,796,239	4,073,410	3,235,936	23,673,052
14. Delivered to other carriers (rail & truck)	23,418	22,974	2,519	120,564

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	JUNE 1955	MAY 1955	JUNE # 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	9,389,838	8,618,336	5,917,639	49,401,063
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	9,389,838	8,618,336	5,917,639	49,401,063
18. Originating on own gathering system	9,160,566	8,487,312	5,603,066	48,080,534
19. Received from other carriers (rail & truck)	229,272	131,024	314,573	1,320,529
20. <u>Total Delivered * (21+22+23)</u>	9,403,262	8,657,672	5,937,955	49,387,894
Less: Delivered to other pipe lines -				
21. Own Trunk system	3,664,944	3,412,061	1,019,561	18,296,981
22. Other pipe lines	4,803,049	4,706,706	3,981,137	26,081,266
23. <u>Net Delivered (24+25)</u>	935,269	538,905	937,257	5,009,647
24. Terminated on gathering systems	748,868	359,815	777,897	3,780,976
25. Delivered to other carriers (rail & truck)	186,401	179,090	159,360	1,228,671

/ Includes natural gasoline and products.

* Includes duplications.

/ Includes natural gasoline.

Revised.

TABLE 3

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

Province		JUNE 1 9 5 5	MAY 1 9 5 5	JUNE * 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,552,962	7,922,158	5,702,161	45,800,079
"	- Trunk	714,668	593,325	1,535,380	3,743,287
Saskatchewan	- Gathering	496,360	447,314	50,591	1,982,319
"	- Trunk	655	1,443	-	2,098
Manitoba	- Gathering	340,516	248,864	164,887	1,618,665
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,653,448	1,397,971	1,612,204	11,432,998
Quebec (3)	- Trunk	6,491,152	7,065,929	5,157,140	39,597,304
Net Received	- Gathering	9,389,838	8,618,336	5,917,639	49,401,063
"	- Trunk	8,859,923	9,058,668	8,304,724	54,775,687
"	- Total	18,249,761	17,677,004	14,222,363	104,176,750

TABLE 4

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

Province		JUNE 1 9 5 5	MAY 1 9 5 5	JUNE * 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,184,379	2,551,261	1,192,451	13,354,047
Alberta (1)	- Gathering	890,905	496,168	891,521	4,644,669
"	- Trunk	744,171	535,653	553,687	3,701,258
Saskatchewan	- Gathering	44,364	42,737	45,736	364,978
"	- Trunk	1,429,696	1,362,701	1,293,489	7,402,841
Manitoba	- Trunk	4,647,272	3,884,162	3,873,558	23,228,643
Ontario (2)	- Trunk	2,693,974	2,632,389	2,739,958	18,376,834
Quebec	- Trunk	5,476,596	5,823,113	4,025,693	32,588,794
Net Delivered	- Gathering	935,269	538,905	937,257	5,009,647
"	- Trunk	17,176,088	16,789,279	13,678,836	98,652,417
"	- Total	18,111,357	17,328,184	14,616,093	103,662,064
/ Including exports to U.S.A. at Sumas, B.C.		693,494	849,738	-	4,014,476
/ Including deliveries to U.S. pipe lines, Gretna, Man.		4,102,745	3,223,672	3,235,936	19,658,576

TABLE 5

OPERATING STATISTICS

		JUNE 1 9 5 5	MAY * 1 9 5 5	JUNE * 1 9 5 4	YEAR TO DATE 1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	313,442	279,280	197,932	272,861
Trunk Lines	"	776,073	715,726	575,261	711,280
Total Barrel Miles (Trunk Lines)	Millions	6,797	6,550	5,569	37,570*
Average Miles Per Barrel (Trunk Lines)	Miles	291.9	295.0	322.7	291.8
Employees and Earnings (6)					
Average Number (4)	No.	1,286	1,264	1,208	1,216
Total Salaries and Wages	\$	534,251	510,807	460,738	2,942,544
Man-Hours Worked by Wage Earners (5) (6)	Hours	58,004	58,209	53,408	322,055

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Lines Ltd., Mid-Saskatchewan Pipe Lines Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

* Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

June, 1955

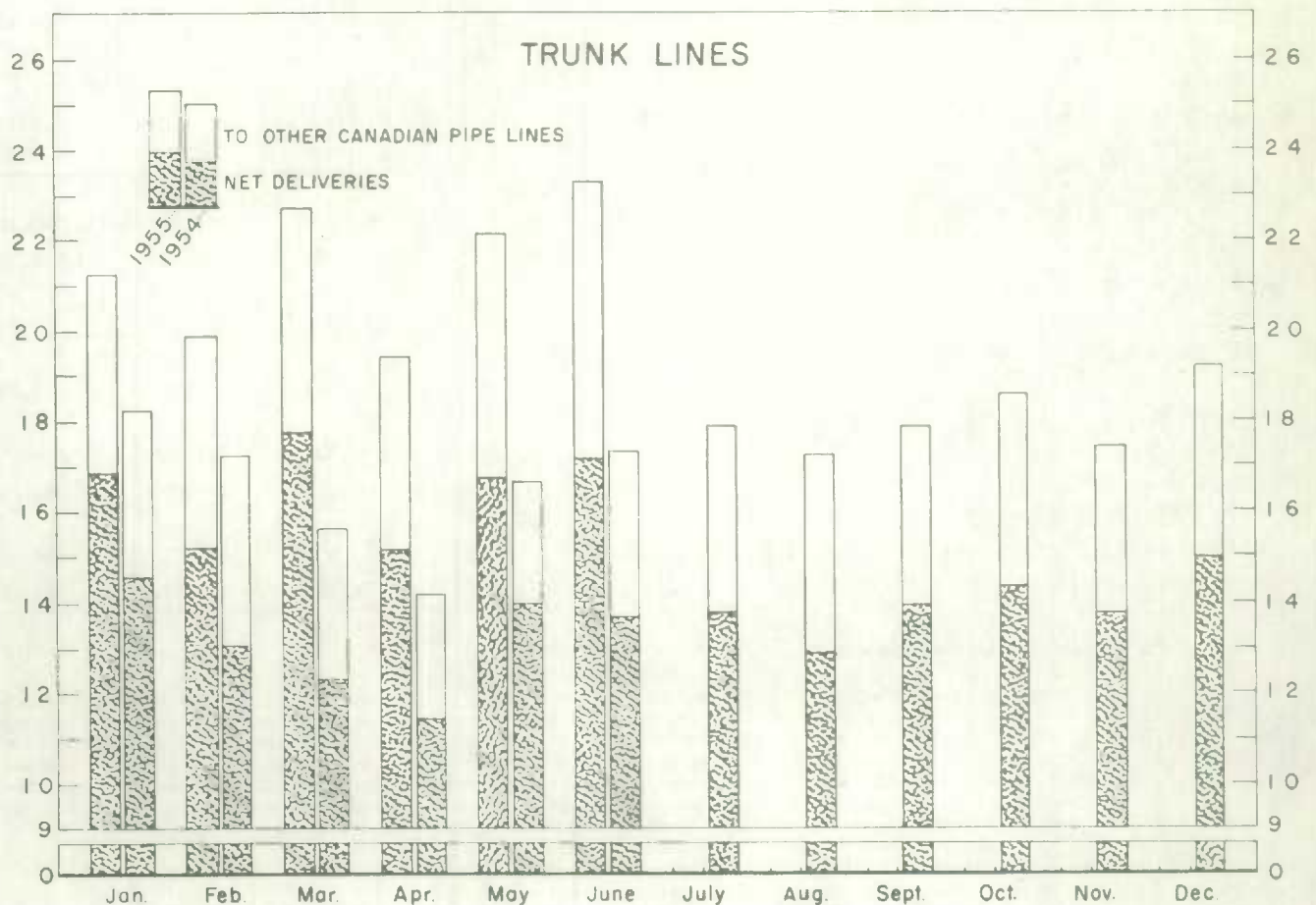
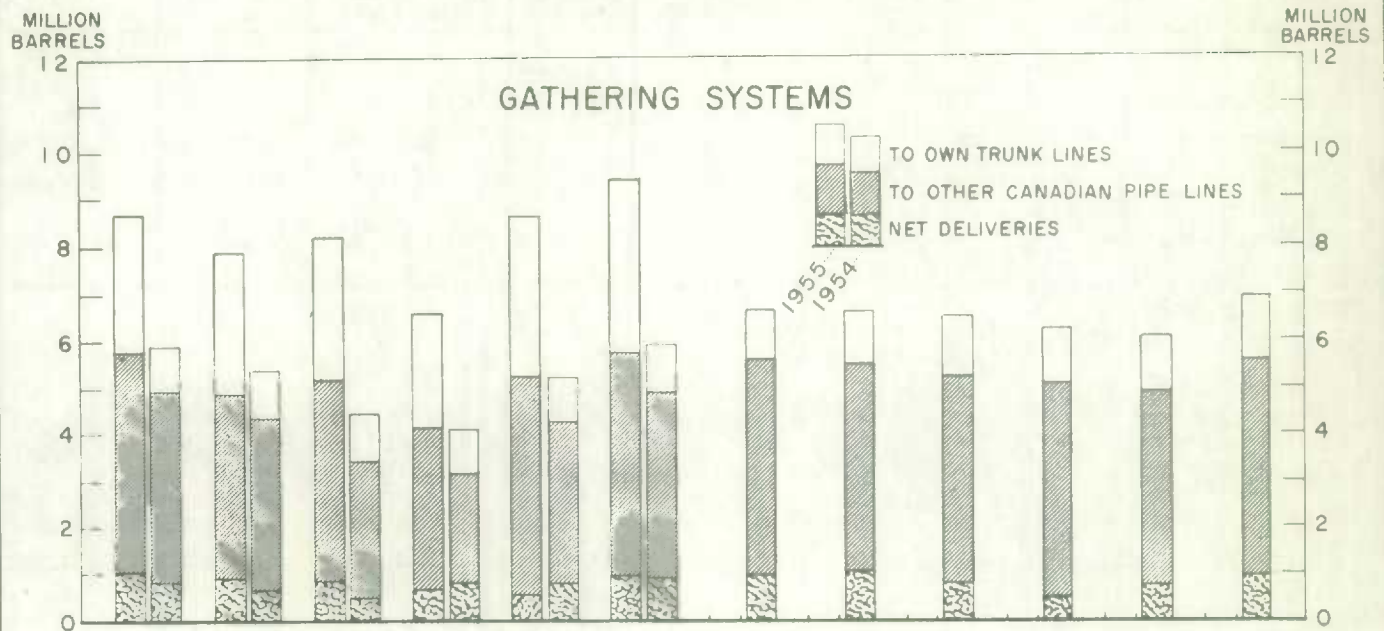
Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other ⁶ Pipe lines (1)	Total ⁶
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>					(2)	
This month (June, 1955)	4,677,689	7,463,833	5,483,573	2,294,904	9,160,641	29,080,640
This year (6 months)	25,094,253	36,345,560	32,622,483	13,487,774	(3) 52,648,236	160,198,306
<u>Total Delivered out of System</u>					(4)	
This month (June, 1955)	4,672,620	7,221,172	5,476,596	2,184,379	(5) 9,465,740	29,020,507
This year (6 months)	25,124,356	36,293,594	32,588,794	13,354,047	52,471,770	159,832,561
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (June 1955)	155,754	-	-	-	157,688	313,442
This year (6 months)	138,809	-	-	-	134,052	272,861
<u>Trunk Lines</u>						
This month (June, 1955)	-	240,706	182,553	72,813	280,001	776,073
This year (6 months)	-	200,517	180,048	73,779	256,936	711,280
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (June, 1955)	-	3,878	403	1,521	995	6,797
This year (6 months)	-	20,080	2,397	9,351	5,742	37,570
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (June, 1955)	-	537.0	73.6	696.0	118.4	291.9
This year (6 months)	-	553.0	73.5	700.0	123.4	291.8
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31,	969,737	4,345,246	542,496	2,967,898	(7) 4,054,992	12,880,369
Six Months ending June 30,	1,887,471	9,255,047	1,141,931	6,228,624	8,025,324	26,538,397
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
EMPLOYERS AND EARNINGS			<u>Number</u>			
<u>Number of Employees</u>	194	384	61	166	(6) 481	1,286
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (June, 1955)	71,497	171,657	23,810	80,229	(6) 187,058	534,251
This year (6 months)	423,522	971,920	124,625	435,612	(6) 986,865	2,942,544
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (June, 1955)	22,760	328	2,591	2,014	(6) 30,311	58,004
This year (6 months)	140,036	2,012	6,371	6,162	(6) 167,474	322,055

* 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; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid-Saskatchewan Pipe Lines Ltd.; Nisku Products Pipe Line Company, Limited; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; South Saskatchewan 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 2,722,357 bbls. products and 42,565 bbls. natural gasoline.
- (3) Includes 18,711,325 bbls. products and 302,415 bbls. natural gasoline.
- (4) Includes 2,754,886 bbls. products and 46,900 bbls. natural gasoline.
- (5) Includes 18,680,404 bbls. products and 300,009 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.
- (7) Excludes Anglo American Exploration Company, Sarnia Products Line, and Edmonton Pipe Line Company Ltd.

⁶ Revised.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



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