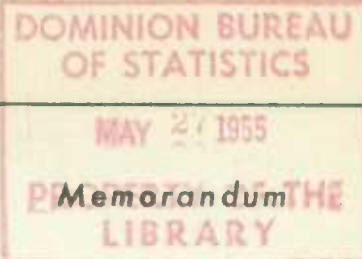


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Vol. 5 No. 3

## PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

MARCH, 1955

The amount of oil carried by Canadian pipe lines reached a new peak in March with a net delivery of 18,561,758 barrels. This was an average of 598,766 barrels per day compared with 576,678 1/ barrels in February and 413,445 in March, 1954, an increase of 45 p.c. over the previous year.

Net deliveries during the first quarter of 1955 amounted to 52,403,634 barrels as compared with 42,003,041 1/ in the same period last year, an increase of 25 p.c. Provincial deliveries for the first three months of the year were as follows, (1954 data in brackets): British Columbia 6,342,778 barrels (3,230,826); Alberta 4,665,600 (3,934,901 1/); Saskatchewan 3,619,767 (3,301,164 1/); Manitoba 11,999,092 (9,236,754); Ontario, 9,789,575 (7,937,651) and Quebec 15,986,822 (14,361,745). Included in Manitoba deliveries were 10,244,879 barrels (7,589,178) transferred to the Lakehead Pipe Line Company at Gretna, destined principally to refineries at Sarnia and 1,754,213 barrels (1,647,576) delivered within the province. Oil exported to the United States via the Trans Mountain Pipe Line during this period amounted to 1,695,220 barrels. No oil was exported by this company prior to October 1954.

Net receipts for March showed an increase over the previous year of 38 p.c. totalling 18,142,315 barrels as against 13,104,068 in 1954. Included in the month's receipts were 8,337,938 barrels of Alberta crude, 57,223 of Alberta natural gasoline, 208,515 of Saskatchewan crude, 308,224 of Manitoba crude, 5,712,350 of imported crude and 3,518,065 barrels of refinery products.

Trunk lines handled an average of 733,422 barrels per day compared with 710,101 in February and 503,484 in March 1954, an increase of 46 p.c. over the previous year. Gathering lines dropped from a daily average of 281,068 barrels in February to 264,480 in March. Barrel miles rose to a new high of 6,748 million from 5,701 in February and 3,977 in March last year. The average length of haul also was up from 286.7 in February to 296.8 in the month under review. Employment showed little change.

Operating revenues for the three months ended March 31st amounted to \$12,870,357, an increase of 32 p.c. over revenues of \$9,753,720 1/ earned in the first quarter of 1954.

Data for the Key Pipe Line Company, Ltd. carrying oil from the Wapella and Dollard fields of Saskatchewan are included for the first time in this report.

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.

1/ Revised.

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

8504-508-35

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 three months of 1955, per table 6 .....	79,975,649
Received into Trunk Lines from other Canadian Pipe Lines .....	27,458,866
"Net Received" into Canadian Pipe Line Systems .....	52,516,783
"Net Received" into Trunk Systems per table 1 .....	27,718,090
"Net Received" into Gathering Systems per table 2 .....	24,798,693
 Total Delivered out of Systems - all companies - during first three months of 1955, per table 6 .....	 79,843,503
Delivered to other Canadian Pipe Lines .....	27,439,869
"Net Delivered" from Canadian Pipe Line Systems .....	52,403,634
"Net Delivered" from Trunk Systems per table 1 .....	49,530,876
"Net Delivered" from Gathering Systems per table 2 .....	2,872,758

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 March and are given herewith:

OIL BALANCE - ALL COMPANIES - MARCH, 1955

	Barrels
Total Shippers Balances - January 1, 1955 .....	8,041,597*
Total Carriers Balances - January 1, 1955 .....	379,397*
Received into Gathering Systems January 1 to March 31, 1955 .....	24,798,693
Received into Trunk Systems January 1 to March 31, 1955 .....	63,949,337
 Total oil accountable for period .....	 97,169,024
Delivered from Gathering Systems January 1 to March 31, 1955 .....	24,752,076
Delivered from Trunk Systems January 1 to March 31, 1955 .....	63,863,808
 Balance to be accounted for at March 31, 1955 .....	 8,553,140
Oil consumed as fuel and losses .....	44,716
Balance on hand - March 31, 1955 .....	8,508,424
Total Shippers Balances - March 31, 1955 .....	8,007,914
Total Carriers Balances - March 31, 1955 .....	500,510

The Interprovincial and Sun Pipe Line 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
March, 1954	2,273,928	390,662
February, 1955	2,539,991	462,837
March, 1955	2,108,097	480,461

\* Revised to include Key Pipe Line Company, Ltd.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	MARCH 1955	FEBRUARY <sup>X</sup> 1955	MARCH 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	22,313,352	20,153,761	15,735,155	63,949,337
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	3,006,404	2,897,335	1,005,234	8,772,381
3. Other pipe lines - Gathering	2,687,312	2,594,924	1,521,777	8,245,457
4. Trunk	6,676,467	6,121,125	4,760,335	19,213,409
5. <u>Net Received (6+7+8)</u>	9,943,169	8,540,377	8,447,809	27,718,090
6. Originating on own trunk lines	3,941,418	3,406,613	3,505,816	11,144,058
7. Received from foreign pipe line connections	5,712,350	4,943,055	4,813,256	15,962,929
8. Received from other carriers (rail & truck)	289,401	190,709	128,737	611,103
9. <u>Total Delivered * (10+11)</u>	22,736,079	19,882,848	15,608,011	63,863,808
10. Less: Delivered to other Canadian trunk lines	4,959,690	4,717,754	3,305,192	14,332,932
11. <u>Net Delivered (12+13+14)</u>	17,776,389	15,165,094	12,302,819	49,530,876
12. Terminated on own trunk lines	13,197,717	11,711,599	10,697,715	37,540,884
13. Delivered to foreign pipe line connections	4,561,962	3,440,987	1,605,104	11,940,099
14. Delivered to other carriers (rail & truck)	16,710	12,508	-	49,893

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	MARCH 1955	FEBRUARY <sup>X</sup> 1955	MARCH <sup>X</sup> 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	8,199,146	7,842,579	4,656,259	24,798,693
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	8,199,146	7,842,579	4,656,259	24,798,693
18. Originating on own gathering system	7,925,947	7,593,991	4,399,697	23,863,073
19. Received from other carriers (rail & truck)	273,199	248,588	256,562	935,620
20. <u>Total Delivered * (21+22+23)</u>	8,198,893	7,869,904	4,596,670	24,752,076
Less: Delivered to other pipe lines -				
21. Own Trunk system	3,006,404	2,897,335	1,005,234	8,772,381
22. Other pipe lines	4,407,120	3,990,667	3,077,462	13,106,937
23. <u>Net Delivered (24+25)</u>	785,369	981,902	513,974	2,872,758
24. Terminated on gathering systems	592,912	778,538	468,651	2,200,740
25. Delivered to other carriers (rail & truck)	192,457	203,364	45,323	672,018

/ 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		MARCH 1955	FEBRUARY <sup>X</sup> 1955	MARCH <sup>X</sup> 1954	YEAR TO DATE 1955
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	7,682,407	7,291,505	4,499,955	23,184,199
"	- Trunk	753,591	606,325	959,484	1,971,793
Saskatchewan	- Gathering	208,515	298,616	27,711	790,935
"	- Trunk	-	-	-	-
Manitoba	- Gathering	308,224	252,458	128,593	823,559
"	- Trunk	-	-	128,737	-
Ontario (2)	- Trunk	2,191,439	1,874,582	1,466,767	6,281,733
Quebec (3)	- Trunk	6,998,139	6,059,470	5,892,821	19,464,564
Net Received	- Gathering	8,199,146	7,842,579	4,656,259	24,798,693
" "	- Trunk	9,943,169	8,540,377	8,447,809	27,718,090
" "	- Total	18,142,315	16,382,956	13,104,068	52,516,783

TABLE 4

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

Province		MARCH 1955	FEBRUARY <sup>X</sup> 1955	MARCH <sup>X</sup> 1954	YEAR TO DATE 1955
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,323,286	1,843,492	1,223,723	6,342,778
Alberta (1)	- Gathering	730,318	906,682	490,628	2,649,355
"	- Trunk	731,011	609,231	699,037	2,016,245
Saskatchewan	- Gathering	55,051	75,220	23,346	223,403
"	- Trunk	1,275,298	1,098,411	887,357	3,396,364
Manitoba	- Trunk	4,273,603	3,621,847	2,182,524	11,999,092
Ontario (2)	- Trunk	3,478,475	2,994,495	2,505,880	9,789,575
Quebec	- Trunk	5,694,716	4,997,618	4,804,298	15,986,822
Net Delivered	- Gathering	785,369	981,902	513,974	2,872,758
" "	- Trunk	17,776,389	15,165,094	12,302,819	49,530,876
" "	- Total	18,561,758	16,146,996	12,816,793	52,403,634
Including exports to U.S.A. at Sumas, B.C.		851,943	422,763	-	1,695,220
Including deliveries to U.S. pipe lines, Gretna, Man.		3,710,019	3,018,224	1,605,104	10,244,879

TABLE 5

OPERATING STATISTICS

		MARCH 1955	FEBRUARY <sup>X</sup> 1955	MARCH <sup>X</sup> 1954	YEAR TO DATE 1955
Barrels Handled - Daily Average					
Gathering Systems	Barrels	264,480	281,068	148,280	275,023
Trunk Lines	"	733,422	710,101	503,484	709,598
Total Barrel Miles (Trunk Lines)	Millions	6,748	5,701	3,977	18,783
Average Miles Per Barrel (Trunk Lines)	Miles	296.8	286.7	256.1	294.1
Employees and Earnings (6)					
Average Number (4)	No.	1,208	1,198	1,203	1,199
Total Salaries and Wages	\$	474,394	465,117	451,308	1,411,983
Man-Hours Worked by Wage Earners (5) (6)	Hours	53,871	48,901	55,506	153,500

(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., Sarnia Products Line, Key Pipe Line Co., Ltd., Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.

X Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

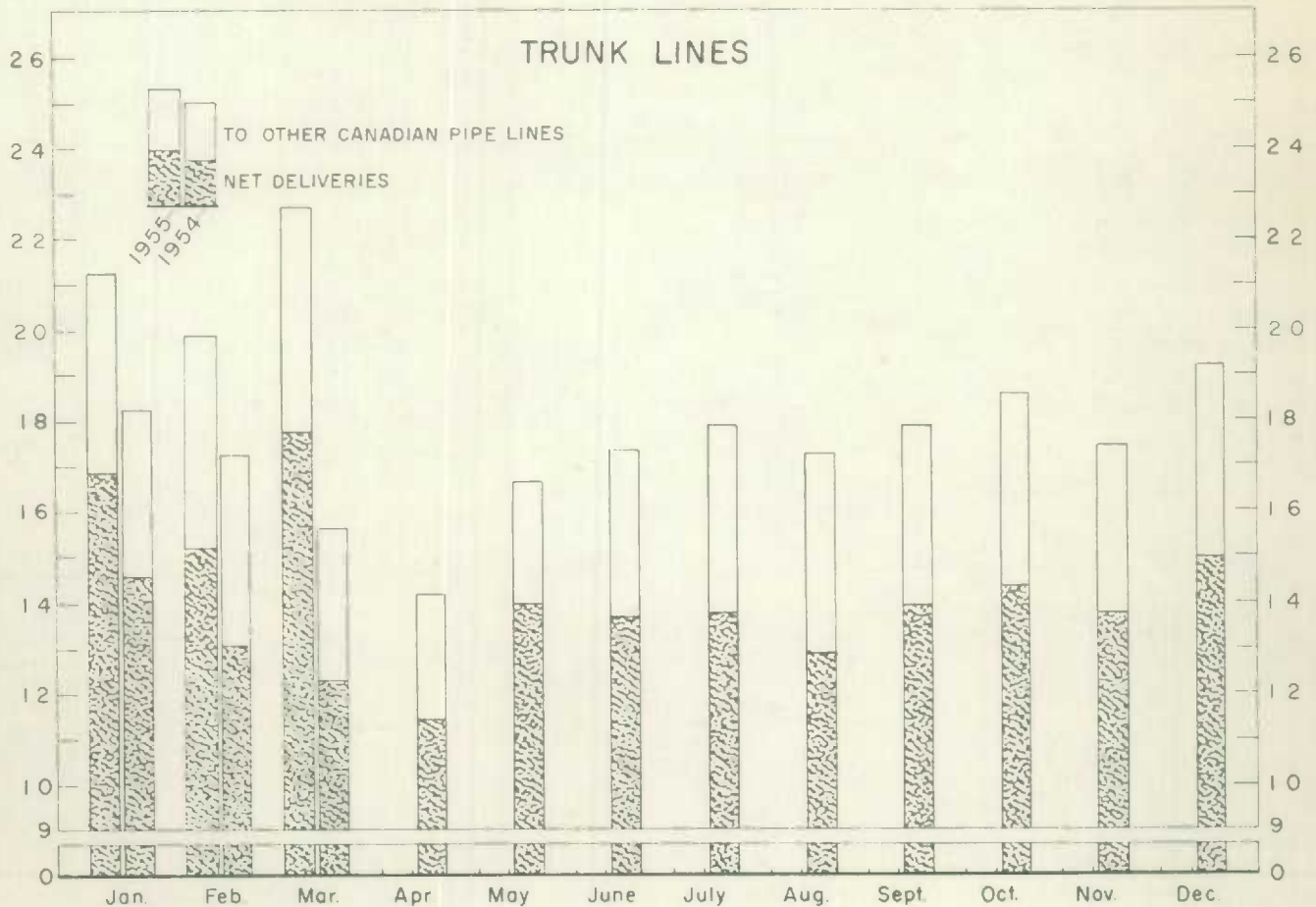
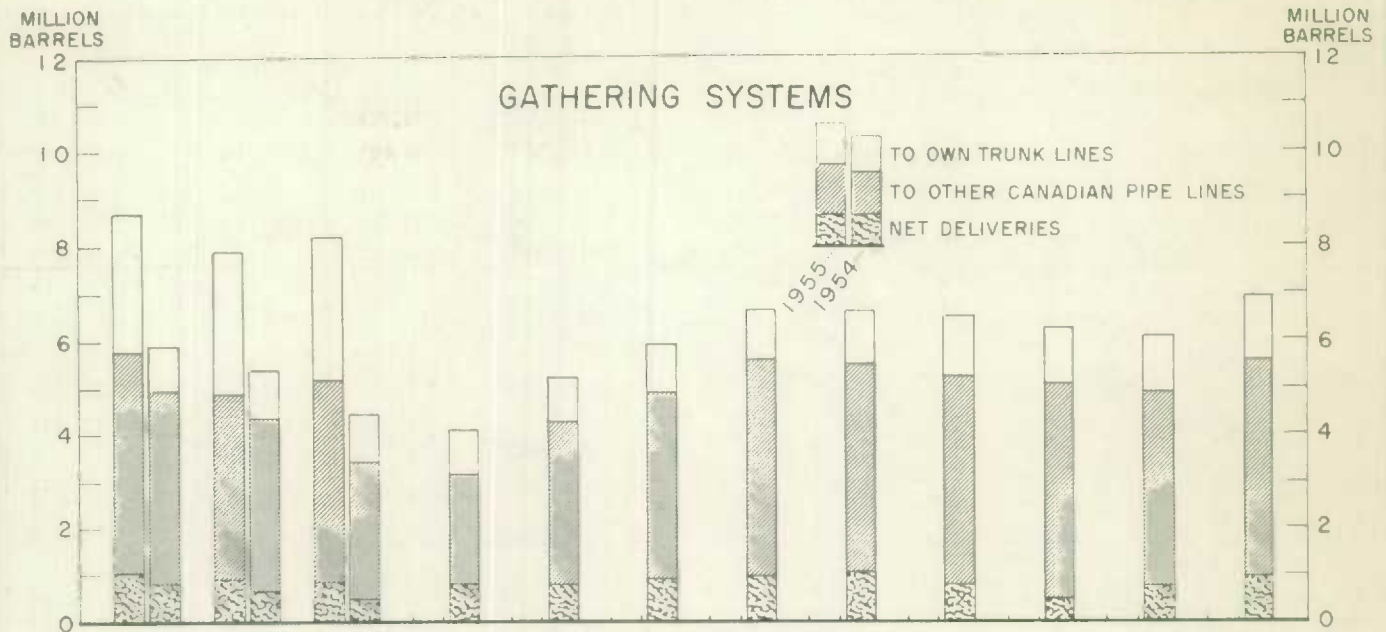
MARCH, 1955

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 Pipe lines (1)	Total
<b>TRAFFIC*</b>			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (March, 1955)	4,128,307	6,238,659	5,712,350	2,102,799	9,323,979(2)	27,506,094
This year (3 months)	12,793,336	17,874,806	15,962,929	6,416,685	26,927,893(3)	79,975,649
<u>Total Delivered out of System</u>						
This month (March, 1955)	4,136,018	6,377,152	5,694,716	2,323,286	9,397,396(4)	27,928,568
This year (3 months)	12,825,617	17,920,520	15,986,822	6,342,778	26,767,766(5)	79,843,503
<b>OPERATING STATISTICS</b>						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (March, 1955)	133,420	-	-	-	131,060	264,480
This year (3 months)	142,507	-	-	-	132,516	275,023
<u>Trunk Lines</u>						
This month (March, 1955)	-	205,715	183,701	74,945	269,061	733,422
This year (3 months)	-	199,117	177,631	70,475	262,375	709,598
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
This month (March, 1955)	-	3,667	419	1,621	1,041	6,748
This year (3 months)	-	10,226	1,175	4,464	2,918	18,783
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (March, 1955)		575.0	73.5	698.0	124.9	296.8
This year (3 months)		573.0	73.5	704.0	121.9	294.1
<b>OPERATING REVENUES</b>			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,813	4,045,065(7)	12,870,357
Six Months ending June 30, 1955						
Nine Months ending Sept. 30, 1955						
Twelve Months ending Dec. 31, 1955						
<b>EMPLOYEES AND EARNINGS</b>			<u>Number</u>			
Number of Employees	188	384	50	153	433(6)	1,208
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (March, 1955)	68,793	156,517	18,879	69,350	160,855(6)	474,394
This year (3 months)	207,538	474,178	57,744	208,908	463,615(6)	1,411,983
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (March, 1955)	23,463	199	584	798	28,827(6)	53,871
This year (3 months)	69,382	469	1,682	2,486	79,481(6)	153,500

\* Totals include duplication between companies.

- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; S.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 3,518,065 bbls. products and 57,223 bbls. natural gasoline.
- (3) Includes 9,910,499 bbls. products and 162,299 bbls. natural gasoline.
- (4) Includes 3,519,349 bbls. products and 59,311 bbls. natural gasoline.
- (5) Includes 9,916,838 bbls. products and 157,847 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development 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 Co., Gibson Crude Oil Purchasing Co., Key Pipe Line Co. Ltd. and Sarnia Products Line.

# MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955





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