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DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Vol. 5, No. 5

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

MAY, 1955

A record volume of oil was carried through the Interprovincial, Trans Mountain and Montreal pipe lines during May. Total net deliveries for all lines amounted to 17,328,184 barrels. This was an average of 558,974 barrels per day, 6 p.c. above April's average of 527,296 barrels and 17 p.c. above the average of 477,605 recorded in May 1954.

For the five months ended May 31st, net deliveries amounted to 85,550,707 barrels compared with 69,029,410^x in the same period last year, an increase of 24 p.c. Refinery products accounted for 18.6 p.c. of the total or 15,925,517 barrels as against 13,240,355 in 1954. Provincial deliveries for the five months were as follows (1954 data in brackets); British Columbia, 11,169,668 barrels (4,998,717); Alberta, 6,710,851 (6,529,273); Saskatchewan, 6,293,759 (5,325,997); Manitoba, 18,581,371 (15,209,600), Ontario, 15,682,860 (13,234,689), and Quebec, 27,112,198 (23,731,134). Manitoba deliveries included 15,555,831 barrels (12,687,721) transferred to the Lakehead Pipe Line Company for transport through the United States, principally to Sarnia refineries, and 3,025,540 (2,521,879) delivered within the province.

Net receipts during the month of May amounted to 17,677,004 barrels compared with 14,022,337 in the same month last year, an increase of 26 p.c. Included in the May receipts were 8,399,121 barrels of Alberta crude, 48,887 of Alberta natural gasoline, 449,757 of Saskatchewan crude, 248,864 Manitoba crude, 5,847,599 of imported crude and 2,683,776 barrels of refinery products.

Both gathering and trunk lines handled more oil than in the previous month. Gathering systems delivered an average of 279,280 barrels per day, 27 p.c. above the April 1955 average. Trunk lines delivered an average of 715,726 barrels per day, 11 p.c. above April's average of 646,938 and 33 p.c. above May, 1954. Barrel miles rose to 6,550 million compared with 5,423 in April and 5,143 in May last year. The average haul rose from 279.4 miles in April to 295.2. Employment was up from 1,210 in April to 1,264 in May and the average wage of \$4,041 was 6.7 p.c. above the average wage recorded in May, 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.

x Revised.

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

8504-508-55

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 five months of 1955, per table 6.....	131,117,666
Received into Trunk Lines from other Canadian Pipe Lines.....	45,190,677
"Net Received" into Canadian Pipe Line Systems.....	85,926,989
"Net Received" into Trunk Systems per table 1.....	45,915,764
"Net Received" into Gathering Systems per table 2.....	40,011,225
Total Delivered out of Systems - all companies - during first five months of 1955, per table 6.....	130,812,054
Delivered to other Canadian Pipe Lines.....	45,261,347
"Net Delivered" from Canadian Pipe Line Systems.....	85,550,707
"Net Delivered" from Trunk Systems per table 1.....	81,476,329
"Net Delivered" from Gathering Systems per table 2.....	4,074,378

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 May and are given herewith:

OIL BALANCE - ALL COMPANIES - MAY, 1955

	<u>Barrels</u>	
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 May 31, 1955.....	40,011,225	
Received into Trunk Systems January 1 to May 31, 1955.....	105,738,478	145,749,703
Total oil accountable for period.....		154,170,697
Delivered from Gathering Systems January 1 to May 31, 1955.....	39,984,632	
Delivered from Trunk Systems January 1 to May 31, 1955.....	105,459,459	145,444,091
Balance to be accounted for at May 31, 1955.....		8,726,606
Oil consumed as fuel and losses.....		74,067
Balance on hand - May 31, 1955.....		8,652,539
Total Shippers Balances - May 31, 1955.....	8,268,687	
Total Carriers Balances - May 31, 1955.....	383,852	

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	Sun Pipe Line Company
	Crude Oil	Cruds and Refined Oil
	Barrels	Barrels
May, 1954	2,659,365	460,593
April, 1955	2,105,173	428,816
May, 1955	2,975,775	428,132

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	May 1955	April 1955	^x May 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	22,649,647	19,139,494	15,819,599	105,738,478
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	3,412,061	2,447,595	954,731	14,632,037
3. Other pipe lines - Gathering	2,795,238	2,028,960	2,069,030	13,069,555
4. Trunk	7,383,680	5,523,933	4,009,335	32,121,122
5. Net Received (6+7+8)	9,058,668	9,139,006	8,786,503	45,915,764
6. Originating on own trunk lines	3,103,059	3,796,815	4,033,815	18,043,932
7. Received from foreign pipe line connections	5,847,599	5,328,382	4,752,688	27,138,910
8. Received from other carriers (rail & truck)	108,010	13,809	-	732,922
9. Total Delivered * (10+11)	22,187,509	19,408,142	16,623,945	105,459,459
10. Less: Delivered to other Canadian trunk lines	5,398,230	4,251,968	2,631,102	23,983,130
11. Net Delivered (12+13+14)	16,789,279	15,156,174	13,992,843	81,476,329
12. Terminated on own trunk lines	12,692,895	12,268,591	10,669,918	62,502,370
13. Delivered to foreign pipe line connections	4,073,410	2,863,304	3,317,259	18,876,813
14. Delivered to other carriers (rail & truck)	22,974	24,279	5,666	97,146

TABLE 2

OIL^f CARRIED BY PIPE LINES - GATHERING

	May 1955	April 1955	^x May 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	8,618,336	6,594,196	5,235,834	40,011,225
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	8,618,336	6,594,196	5,235,834	40,011,225
18. Originating on own gathering system	8,487,312	6,569,583	5,082,118	38,919,968
19. Received from other carriers (rail & truck)	131,024	24,613	153,716	1,091,257
20. Total Delivered * (21+22+23)	8,657,672	6,574,884	5,224,895	39,984,632
Less: Delivered to other pipe lines -				
21. Own Trunk system	3,412,061	2,447,595	954,731	14,632,037
22. Other pipe lines	4,706,706	3,464,574	3,457,255	21,278,217
23. Net Delivered (24+25)	538,905	662,715	812,909	4,074,378
24. Terminated on gathering systems	359,815	471,553	736,796	3,032,108
25. Delivered to other carriers (rail & truck)	179,090	191,162	76,113	1,042,270

^f Includes natural gasoline and products.

* Includes duplications.

^f Includes natural gasoline.

^x Revised

TABLE 3

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

Province		May	April	^x May	YEAR TO DATE
		1955	1955	1954	1955
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	7,922,158	6,140,760	5,087,438	37,247,117
"	- Trunk	593,325	463,501	1,345,717	3,028,619
Saskatchewan	- Gathering	447,314	247,710	26,085	1,485,959
"	- Trunk	1,443	-	-	1,443
Manitoba	- Gathering	248,864	205,726	122,311	1,278,149
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,397,971	2,099,846	1,657,416	9,779,550
Quebec (3)	- Trunk	7,065,929	6,575,659	5,783,370	33,106,152
Net Received	- Gathering	8,618,336	6,594,196	5,235,834	40,011,225
"	- Trunk	9,058,668	9,139,006	8,786,503	45,915,764
"	- Total	17,677,004	15,733,202	14,022,337	85,926,989

TABLE 4

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

Province		May	April	^x May	YEAR TO DATE
		1955	1955	1954	1955
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,551,261	2,275,629	944,930	11,169,668
Alberta (1)	- Gathering	496,168	608,241	787,132	3,753,764
"	- Trunk	535,653	405,189	600,114	2,957,087
Saskatchewan	- Gathering	42,737	54,474	25,777	320,614
"	- Trunk	1,362,701	1,214,080	1,189,320	5,973,145
Manitoba	- Trunk	3,884,162	2,698,117	3,648,355	18,581,371
Ontario (2)	- Trunk	2,632,389	3,260,896	2,731,206	15,682,860
Quebec	- Trunk	5,823,113	5,302,263	4,878,918	27,112,198
Net Delivered	- Gathering	538,905	662,715	812,909	4,074,378
"	- Trunk	16,789,279	15,156,174	13,992,843	81,476,329
"	- Total	17,328,184	15,818,889	14,805,752	85,550,707
∧	Including exports to U.S.A. at Sumas, B.C.	849,738	776,024	-	3,320,982
∧	Including deliveries to U.S. pipe lines, Gretna, Man.	3,223,672	2,087,280	3,317,259	15,555,831

TABLE 5

OPERATING STATISTICS

		May	April	^x May	YEAR TO DATE
		1955	1955	1954	1955
Barrels Handled - Daily Average					
Gathering Systems	Barrels	279,280	219,163	168,545	264,799
Trunk Lines	"	715,726	646,938	536,256	698,407
Total Barrel Miles (Trunk Lines)	Millions	6,550	5,423	5,143	30,756
Average Miles Per Barrel (Trunk Lines)	Miles	295.2	279.4	309.4	291.6
Employees and Earnings (6)					
Average Number (4)	No.	1,264	1,210	1,202	1,214
Total Salaries and Wages	\$	510,807	485,503	454,986	2,408,293
Man-Hours Worked by Wage Earners (5) (6)	Hours	59,301	52,341	53,347	265,143

- (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 and Nisku Products Pipe Line Company, Limited.
- x Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

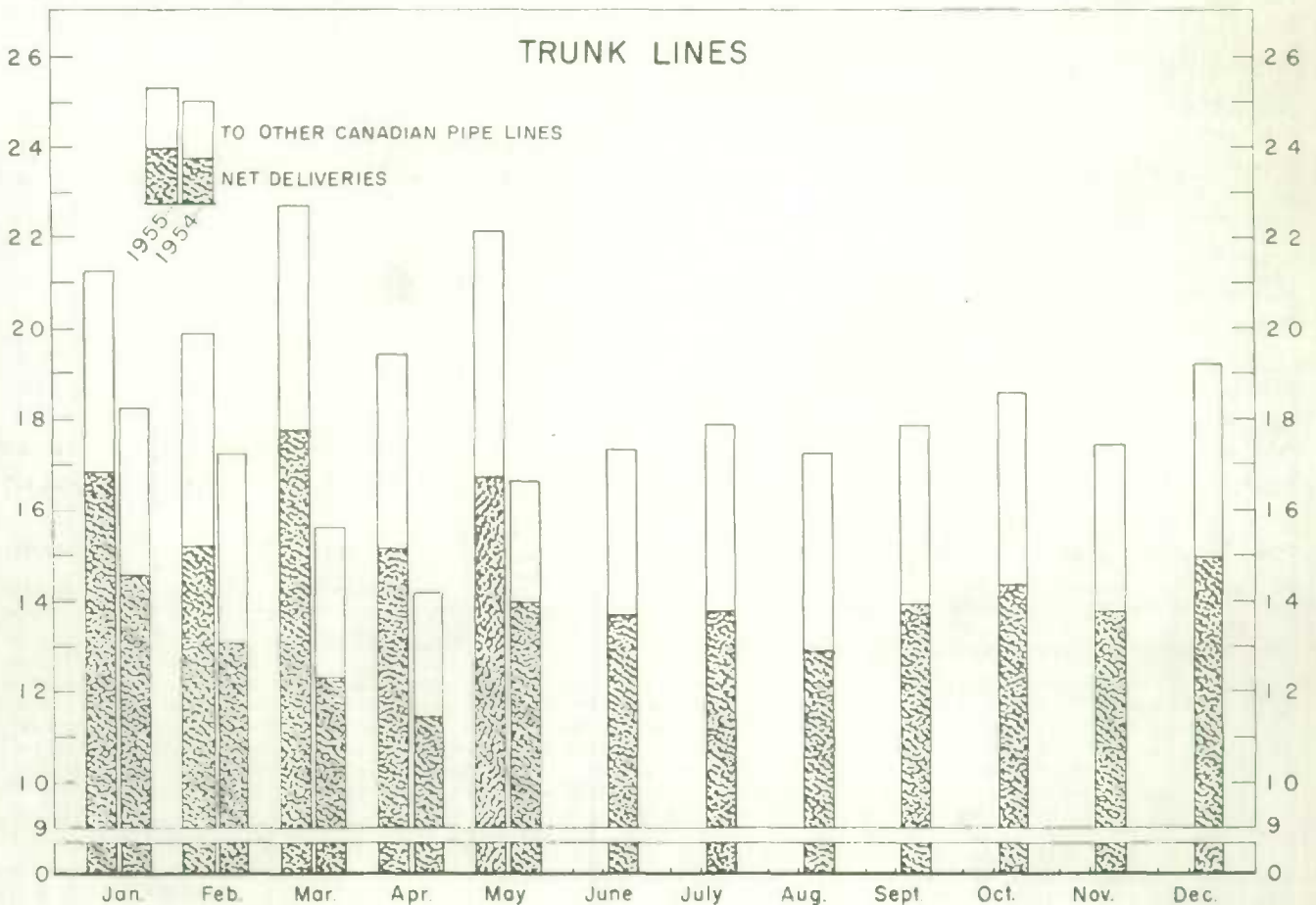
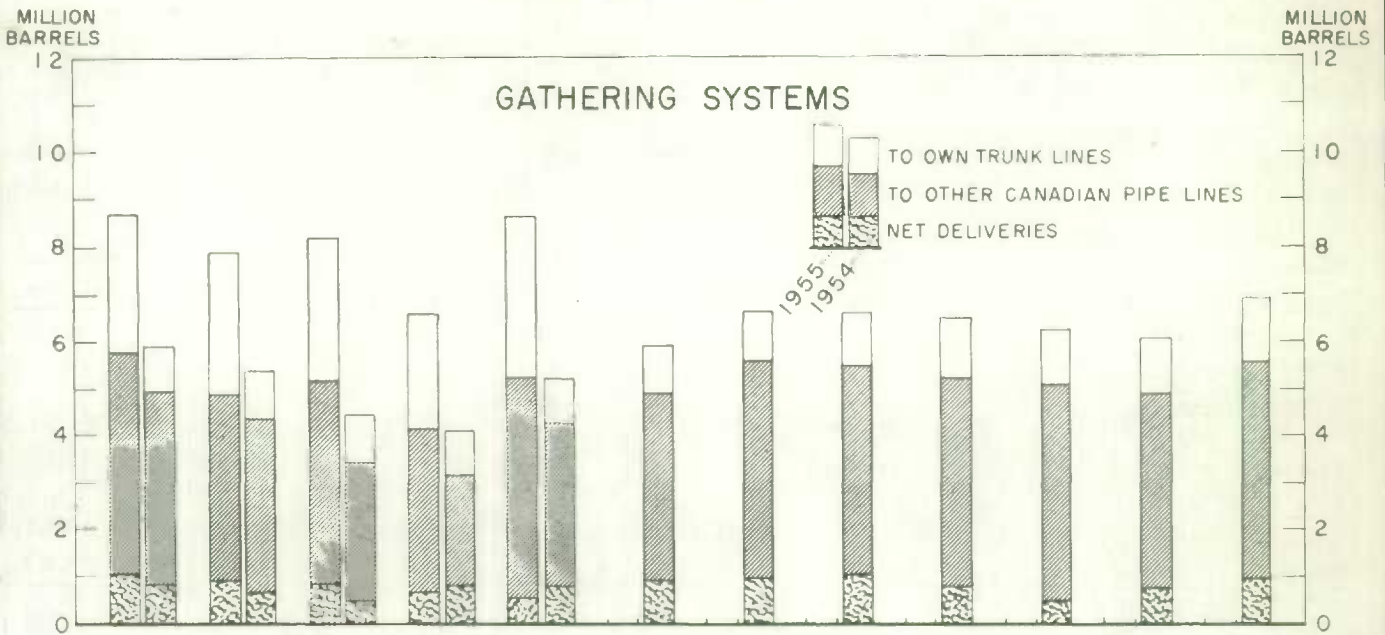
May, 1955

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
TRAFFIC*						
<u>Total Received into System</u>						
This month (May, 1955)	4,314,068	6,592,257	5,847,599	2,558,916	(2) 8,543,082	27,855,922
This year (5 Months)	20,416,564	28,881,727	27,138,910	11,192,870	(3) 43,487,595	131,117,666
<u>Total Delivered out of System</u>						
This month (May, 1955)	4,337,843	6,377,783	5,823,113	2,551,261	(4) 8,342,120	27,432,120
This year (5 Months)	20,451,736	29,072,422	27,112,198	11,169,668	(5) 43,006,030	130,812,054
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (May, 1955)	139,930	-	-	-	139,350	279,280
This year (5 Months)	135,442	-	-	-	129,357	264,799
<u>Trunk Lines</u>						
This month (May, 1955)	-	205,735	187,842	82,299	239,850	715,726
This year (5 Months)	-	192,533	179,551	73,971	252,352	698,407
<u>Total Barrel Miles</u>						
<u>(Trunk Lines - in millions)</u>						
This month (May, 1955)	-	3,435	428	1,780	907	6,550
This year (5 Months)	-	16,202	1,994	7,830	4,730	30,756
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (May, 1955)	-	539.0	73.6	698.0	121.9	295.2
This year (5 Months)	-	557.0	73.5	700.0	124.1	291.6
OPERATING REVENUES						
Three Months ending March 31, 1955	969,737	4,345,246	(6) 542,496	2,967,813	(7) 4,236,891	13,062,183
Six Months ending June 30, 1955						
Nine Months ending Sept. 30, 1955						
Twelve Months ending Dec. 31, 1955						
EMPLOYEES AND EARNINGS						
<u>Number of Employees</u>						
	194	397	57	168	(6) 448	1,264
<u>Salaries and Wages</u>						
<u>Dollars</u>						
This month (May, 1955)	74,596	166,562	23,129	75,078	(6) 171,442	510,807
This year (5 Months)	352,025	800,263	100,815	355,383	(6) 799,807	2,408,293
<u>Man-Hours Worked by Wage Earners</u>						
<u>Hours</u>						
This month (May, 1955)	24,812	1,149	1,546	962	(6) 30,832	59,301
This year (5 Months)	117,276	1,684	3,779	4,148	(6) 138,256	265,143

* 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 2,683,776 bbls. products and 48,887 bbls. natural gasoline.
- (3) Includes 15,988,968 bbls. products and 259,850 bbls. natural gasoline.
- (4) Includes 2,699,966 bbls. products and 48,748 bbls. natural gasoline.
- (5) Includes 15,925,517 bbls. products and 253,109 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 and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



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