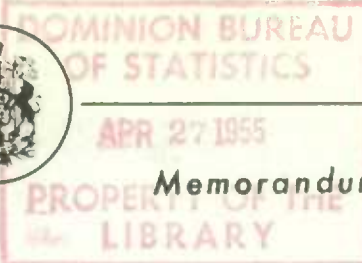


DOMINION BUREAU OF STATISTICS

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Memorandum

Vol. 5, No. 2

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

February 1955

Canadian pipe lines recorded a net delivery of 16,074,232 barrels of oil in February. This was a record output of 574,080 barrels per day compared with the previous high of 568,295 barrels in January and 492,019 in February, 1954. Compared with the previous year, total net deliveries increased by almost 17 p.c.

For the two months ended February 28 net deliveries amounted to 33,690,271 barrels compared with 29,186,248 in the same period last year, an increase of 15 p.c. Provincial totals for the first two months of the year were as follows (1954 data in brackets): British Columbia 4,019,492 barrels (2,007,103); Alberta 3,204,271 (2,745,236); Saskatchewan 2,137,813 (2,390,461); Manitoba 7,725,489 (7,054,230); Ontario 6,311,100 (5,431,771) and Quebec 10,292,106 (9,557,447). Manitoba deliveries included 6,534,860 barrels (5,984,074) transferred to the Lakehead Pipe Line Company at Gretna, destined principally to refineries at Sarnia, and 1,190,629 (1,070,156), delivered within the province. British Columbia deliveries included 843,277 barrels (nil) exported to the United States.

Net receipts for the month of February totalled 16,314,413 barrels, almost 14 p.c. above the 1954 figure of 14,327,977. Included in the month's receipts were 7,811,849 barrels of Alberta crude oil, 49,463 of Alberta natural gasoline, 230,073 of Saskatchewan crude, 252,458 of Manitoba crude, 4,943,055 of imported crude and 3,027,515 barrels of refinery products.

Gathering systems handled an average of 282,053 barrels per day during February compared with 280,663 in the previous month and 197,864 in February, 1954. Trunk lines handled 710,101 barrels per day against 685,319 in January and 614,763 in the previous year. Barrel miles dropped to 5,701 million from 6,254 in January, but were 18 p.c. above the 4,842 million recorded in February last year. The average haul also dropped from 294.4 miles in January to 286.7 in the month under review.

Employees numbered 1,198 and earned \$465,117 in February, 1955, compared with 1,149 employees earning \$432,449 in the corresponding month last year. Average earnings for the month were thus 3 p.c. above the February 1954 average.

It will be noted that the 1954 data shown in this report have been revised to include companies who were in operation but who did not report until later in the year.

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, 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.

8504-508-25

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

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 two months of 1955, per table 6	52,315,303
Received into Trunk Lines from other Canadian Pipe Lines	18,095,087
"Net Received" into Canadian Pipe Line Systems	34,220,216
"Net Received" into Trunk Systems per table 1	17,501,090
"Net Received" into Gathering Systems per table 2	16,719,126
 Total Delivered out of Systems - all companies - during first two months of 1955, per table 6	 51,763,330
Delivered to other Canadian Pipe Lines	18,073,059
"Net Delivered" from Canadian Pipe Line Systems	33,690,271
"Net Delivered" from Trunk Systems per table 1	31,754,487
"Net Delivered" from Gathering Systems per table 2	1,935,784

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 February and are given herewith:

OIL BALANCE - ALL COMPANIES - FEBRUARY, 1955

	Barrels
Total Shippers Balances - January 1, 1955	8,037,013
Total Carriers Balances - January 1, 1955	378,440
Received into Gathering Systems January 1, to February 28, 1955	16,719,126
Received into Trunk Systems January 1, to February 28, 1955	41,558,618
 Total oil accountable for period	 66,693,197
Delivered from Gathering Systems January 1, to February 28, 1955	16,598,042
Delivered from Trunk Systems January 1, to February 28, 1955	41,127,729
 Balance to be accounted for at February 28, 1955	 8,967,426
Oil consumed as fuel and losses	33,989
Balance on hand - February 28, 1955	8,933,437
Total Shippers Balances - February 28, 1955	8,501,249
Total Carriers Balances - February 28, 1955	432,188

With the completion of Interprovincial's extension to Sarnia, the Transit and Storage Company's line from Cygnet, Ohio, to Sarnia was no longer needed and this line was sold to the Buckeye Pipe Line Company in November, 1953. This company ceased making deliveries to Canada in January, 1954, leaving only two lines operating 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
February, 1954	2,636,741	314,814
January, 1955	2,990,150	537,232
February, 1955	2,539,991	462,837

TABLE 1

OIL[/] CARRIED BY PIPE LINES - TRUNK

	February 1955	January 1955	February 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>				
Less: Received from other Canadian pipe lines -	20,111,263	21,447,355	17,648,830	41,558,618
2. Own Gathering System	2,997,675	2,964,766	1,010,900	5,962,441
3. Other pipe lines - Gathering	2,594,924	2,963,221	2,093,977	5,558,145
4. Trunk	6,121,125	6,415,817	5,766,205	12,536,942
5. <u>Net Received (6+7+8)</u>	8,397,539	9,103,551	8,777,748	17,501,090
6. Originating on own trunk lines	3,406,613	3,796,027	4,121,838	7,202,640
7. Received from foreign pipe line connections	4,943,055	5,307,524	4,533,971	10,250,579
8. Received from other carriers (rail & truck)	47,871	-	121,939	47,871
9. <u>Total Delivered * (10+11)</u>	19,882,848	21,244,881	17,213,352	41,127,729
10. Less: Delivered to other Canadian trunk lines	4,717,754	4,655,488	4,142,397	9,373,242
11. <u>Net Delivered (12+13+14)</u>	15,165,094	16,589,393	13,070,955	31,754,487
12. Terminated on own trunk lines	11,711,599	12,631,568	10,455,477	24,343,167
13. Delivered to foreign pipe line connections	3,440,987	3,937,150	2,615,478	7,378,137
14. Delivered to other carriers (rail & truck)	12,508	20,675	-	33,183

TABLE 2

OIL[/] CARRIED BY PIPE LINES - GATHERING

	February 1955	January 1955	X February 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	7,916,874	8,802,252	5,550,229	16,719,126
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	7,916,874	8,802,252	5,550,229	16,719,126
18. Originating on own gathering system	7,525,448	8,257,426	5,318,436	15,782,874
19. Received from other carriers (rail & truck)	391,426	544,826	231,793	936,252
20. <u>Total Delivered * (21+22+23)</u>	7,897,490	8,700,552	5,540,193	16,598,042
Less: Delivered to other pipe lines -				
21. Own Trunk system	2,997,675	2,964,766	1,010,900	5,962,441
22. Other pipe lines	3,990,667	4,709,150	3,823,721	8,699,817
23. <u>Net Delivered (24+25)</u>	909,148	1,026,636	705,572	1,935,784
24. Terminated on gathering systems	778,538	829,290	668,775	1,607,828
25. Delivered to other carriers (rail & truck)	130,610	197,346	36,797	327,956

[/] 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		February 1 9 5 5	January 1 9 5 5	X February 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	7,434,343	8,341,280	5,407,207	15,775,623
"	- Trunk	463,487	480,884	1,527,592	944,371
Saskatchewan	- Gathering	230,073	198,095	21,048	428,168
"	- Trunk	-	-	-	-
Manitoba	- Gathering	252,458	262,877	121,974	515,335
"	- Trunk	-	-	121,939	-
Ontario (2)	- Trunk	1,874,582	2,215,712	1,512,353	4,090,294
Quebec (3)	- Trunk	6,059,470	6,406,955	5,615,864	12,466,425
Net Received	- Gathering	7,916,874	8,802,252	5,550,229	16,719,126
" "	- Trunk	8,397,539	9,103,551	8,777,748	17,501,090
" "	- Total	16,314,413	17,905,803	14,327,977	34,220,216

TABLE 4

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

Province		February 1 9 5 5	January 1 9 5 5	X February 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	1,843,492	2,176,000	1,067,235	4,019,492
Alberta (1)	- Gathering	906,682	1,012,355	683,271	1,919,037
"	- Trunk	609,231	676,003	613,268	1,285,234
Saskatchewan	- Gathering	2,466	14,281	22,301	16,747
"	- Trunk	1,098,411	1,022,655	1,134,025	2,121,066
Manitoba	- Trunk	3,621,847	4,103,642	3,142,470	7,725,489
Ontario (2)	- Trunk	2,994,495	3,316,605	2,594,523	6,311,100
Quebec	- Trunk	4,997,618	5,294,488	4,519,434	10,292,106
Net Delivered	- Gathering	909,148	1,026,636	705,572	1,935,784
" "	- Trunk	15,165,094	16,589,393	13,070,955	31,754,487
" "	- Total	16,074,232	17,616,029	13,776,527	33,690,271
Including exports to U.S.A. at Sumas, B.C.		422,763	420,514	-	843,277
Including deliveries to U.S. pipe lines, Gretna, Man.		3,018,224	3,516,636	2,615,478	6,534,860

TABLE 5

OPERATING STATISTICS

		February 1 9 5 5	January 1 9 5 5	X February 1 9 5 4	YEAR TO DATE 1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	282,053	280,663	197,864	281,322
Trunk Lines	"	710,101	685,319	614,763	698,416
Total Barrel Miles (Trunk Lines)	Millions	5,701	6,254	4,842	12,035
Average Miles Per Barrel (Trunk Lines)	Miles	286.7	294.4	281.3	292.0
Employees and Earnings (6)					
Average Number (4)	No.	1,198	1,190	1,149	1,194
Total Salaries and Wages	\$	465,117	472,472	432,449	937,589
Man-Hours Worked by Wage Earners (5) (6)	Hours	48,901	50,728	44,019	99,629

- (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

February, 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>Barrels</u>			
<u>Total Received into System</u>						
This month (February, 1955)	3,968,409	5,492,363	4,943,055	2,152,000	(2) 8,474,635	25,030,462
This year (2 months)	8,665,029	11,636,147	10,250,579	4,313,886	(3) 17,449,662	52,315,303
<u>Total Delivered out of System</u>						
This month (February, 1955)	3,982,620	5,420,266	4,997,618	1,843,492	(4) 8,538,667	24,782,663
This year (2 months)	8,689,599	11,543,368	10,292,106	4,019,492	(5) 17,218,765	51,763,330
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (February, 1955)	142,236	-	-	-	139,817	282,053
This year (2 months)	147,281	-	-	-	134,041	281,322
<u>Trunk Lines</u>						
This month (February, 1955)		193,581	178,486	65,839	272,195	710,101
This year (2 months)		195,650	174,442	68,127	260,197	698,416
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (February, 1955)	-	3,118	367	1,305	911	5,701
This year (2 months)	-	6,599	757	2,843	1,836	12,035
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (February, 1955)		575.0	73.6	705.0	119.5	286.7
This year (2 months)		572.0	73.6	707.0	119.6	292.0
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31,						
Six Months ending June 30,						
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
EMPLOYEES AND EARNINGS			<u>Number</u>			
<u>Number of Employees</u>	188	382	50	154	(6) 424	1,198
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (February, 1955)	65,712	159,439	19,290	68,910	(6) 151,766	465,117
This year (2 months)	138,745	317,661	38,865	139,558	(6) 302,760	937,589
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (February, 1955)	21,651	270	585	680	(6) 25,715	48,901
This year (2 months)	45,919	270	1,098	1,688	(6) 50,654	99,629

* 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; 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 3,027,515 bbls. products and 49,463 bbls. natural gasoline.
- (3) Includes 6,392,434 bbls. products and 105,076 bbls. natural gasoline.
- (4) Includes 3,031,257 bbls. products and 44,636 bbls. natural gasoline.
- (5) Includes 6,397,489 bbls. products and 98,536 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.



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MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955

