

55 001

Historical File Copy

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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



Vol. 5, No. 11

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

NOVEMBER, 1955

Deliveries of oil from Canadian pipe lines reached a new high in November with a net delivery of 684,961 barrels per day, 6 per cent above the August record of 646,911 and 7 per cent above the October average of 642,789 barrels. Total net deliveries for the month amounted to 20,548,841 barrels compared with a total of 14,525,465 barrels in the corresponding month of last year, an increase of 41 per cent.

For the eleven months ended November 30 net deliveries totalled 201,988,984 barrels as against 156,570,797 in the same period of 1954. Provincial deliveries for the period were as follows (1954 data in brackets): British Columbia 27,200,557 barrels (12,628,072); Alberta 16,790,576 (14,948,232); Saskatchewan 14,055,876 (13,256,597); Manitoba 48,236,720 (37,732,733); Ontario 34,074,105 (29,308,371) and Quebec 61,631,150 (48,696,792). Manitoba deliveries included 41,555,187 barrels (31,523,343) transferred to the Lakehead Pipe Line Company at Gretna, for transport through the United States. Of this, 4,133,025 barrels (1,458,912) was for export while the remainder returned to Canada at Sarnia. British Columbia deliveries included 9,821,393 barrels (631,484) exported via the Trans Mountain line.

Net receipts for the month amounted to 20,776,376 barrels compared with 14,960,532 in November, 1954, an increase of 39 per cent. The month's receipts included 10,222,579 barrels of Alberta crude and 63,830 of Alberta natural gasoline, 544,282 of Saskatchewan crude, 404,347 of Manitoba crude, 6,012,795 barrels of imported crude and 3,528,543 barrels of refinery products.

Gathering systems handled an average of 356,322 barrels per day compared with 354,438 in October while trunk lines delivered an average of 884,610 barrels per day, some 56,000 above the October average of 828,647 barrels. Barrel miles reached a new high at 7,952 million compared with 7,675 in October but the average haul at 299.6 miles showed little change. Employment rose from 1,301 to 1,314 with a corresponding wage increase from \$540,097 in October to \$546,669 in the month under review.

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, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, 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 November 1954 revised.

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

8504-508-115

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 eleven months of 1955, per table 6	317,437,432
Received into Trunk Lines from other Canadian Pipe Lines	113,075,116
"Net Received" into Canadian Pipe Line Systems	204,362,316
"Net Received" into Trunk Systems per table 1	102,399,128
"Net Received" into Gathering Systems per table 2	101,963,188
Total Delivered out of Systems - all companies - during first eleven months of 1955, per table 6	315,392,084
Delivered to other Canadian Pipe Lines	113,403,100
"Net Delivered" from Canadian Pipe Line Systems	201,988,984
"Net Delivered" from Trunk Systems per table 1	191,524,752
"Net Delivered" from Gathering Systems per table 2	10,464,232

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 November and are given herewith:

OIL BALANCE - ALL COMPANIES - November, 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 November 30, 1955	101,963,188	
Received into Trunk Systems January 1 to November 30, 1955	257,334,772	359,297,960
Total oil accountable for period		367,718,954
Delivered from Gathering Systems January 1 to November 30, 1955	101,900,328	
Delivered from Trunk Systems January 1 to November 30, 1955	255,352,284	357,252,612
Balance to be accounted for at November 30, 1955		10,466,342
Oil consumed as fuel and losses		237,774
Balance on hand - November 30, 1955		10,228,568
Total Shippers Balances - November 30, 1955	9,837,294	
Total Carriers Balances - November 30, 1955	391,274	

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
November, 1954	2,691,846	481,028
October, 1955	2,979,303	480,340
November, 1955	2,566,064	367,500

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	November 1955	October 1955	November x 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	26,708,487	26,311,012	17,907,136	257,334,772
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	5,076,712	5,071,705	1,172,849	41,860,528
3. Other pipe lines - Gathering	2,998,818	3,211,975	2,431,284	32,009,560
4. Trunk	8,608,460	8,484,341	5,392,854	81,065,556
5. Net Received (6+7+8)	10,024,497	9,542,991	8,910,149	102,399,128
6. Originating on own trunk lines	3,919,513	3,756,587	4,366,510	39,272,935
7. Received from foreign pipe line connections	6,012,795	5,670,536	4,543,639	61,663,474
8. Received from other carriers (rail & truck)	92,189	115,868	-	1,462,719
9. Total Delivered * (10+11)	26,538,309	25,688,047	17,435,880	255,352,284
10. Less: Delivered to other Canadian trunk lines	6,926,151	6,789,301	3,675,115	63,827,532
11. Net Delivered (12+13+14)	19,612,158	18,898,746	13,760,765	191,524,752
12. Terminated on own trunk lines	13,471,294	12,595,670	10,813,050	139,908,132
13. Delivered to foreign pipe line connections	6,105,786	6,280,844	2,945,180	51,376,580
14. Delivered to other carriers (rail & truck)	35,078	22,232	2,535	240,040

TABLE 2

OIL^f CARRIED BY PIPE LINES - GATHERING

	November 1955	October 1955	November x 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	10,751,879	10,969,258	6,050,383	101,963,188
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	10,751,879	10,969,258	6,050,383	101,963,188
18. Originating on own gathering system	10,396,547	10,577,168	5,622,156	99,028,337
19. Received from other carriers (rail & truck)	355,332	392,090	428,227	2,934,851
20. Total Delivered * (21+22+23)	10,689,654	10,987,578	6,054,828	101,900,328
Less: Delivered to other pipe lines -				
21. Own Trunk system	5,076,712	5,071,705	1,172,849	41,860,528
22. Other pipe lines	4,676,259	4,888,165	4,117,279	49,575,568
23. Net Delivered (24+25)	936,683	1,027,708	764,700	10,464,232
24. Terminated on gathering systems	769,644	838,270	689,617	8,274,529
25. Delivered to other carriers (rail & truck)	167,039	189,438	75,083	2,189,703

^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		November 1 9 5 5	October 1 9 5 5	November x 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,803,701	9,948,109	5,743,804	93,509,633
"	- Trunk	576,599	601,464	1,449,048	6,582,508
Saskatchewan	- Gathering	543,831	592,287	81,918	4,819,117
"	- Trunk	451	1,484	-	4,657
Manitoba	- Gathering	404,347	428,862	224,661	3,634,438
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,135,026	2,019,931	1,765,536	21,196,174
Quebec (3)	- Trunk	7,312,421	6,920,112	5,695,565	74,615,789
Net Received	- Gathering	10,751,879	10,969,258	6,050,383	101,963,188
" "	- Trunk	10,024,497	9,542,991	8,910,149	102,399,128
" "	- Total	20,776,376	20,512,249	14,960,532	204,362,316

TABLE 4

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

Province		November 1 9 5 5	October 1 9 5 5	November x 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,973,423	2,567,861	1,469,335	27,200,557
Alberta (1)	- Gathering	901,196	990,846	751,481	9,900,683
"	- Trunk	746,461	670,676	598,828	6,889,893
Saskatchewan	- Gathering	35,487	36,862	13,219	563,549
"	- Trunk	1,030,798	1,182,023	1,090,979	13,492,327
Manitoba	- Trunk	5,426,941	5,482,495	3,156,618	48,236,720
Ontario (2)	- Trunk	3,428,035	3,258,852	2,918,140	34,074,105
Quebec	- Trunk	6,006,500	5,736,839	4,526,865	61,631,150
Net Delivered	- Gathering	936,683	1,027,708	764,700	10,464,232
" "	- Trunk	19,612,158	18,898,746	13,760,765	191,524,752
" "	- Total	20,548,841	19,926,454	14,525,465	201,988,984
✓	Including exports to U.S.A. at Sumas, B.C.	1,282,029	1,423,611	349,827	9,821,393
♠	Including deliveries to U.S. pipe lines, Gretna, Man.	4,823,757	4,857,233	2,595,353	41,555,187

TABLE 5

OPERATING STATISTICS

		November 1 9 5 5	October 1 9 5 5	November x 1 9 5 4	YEAR TO DATE 1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	356,322	354,438	201,827	305,091
Trunk Lines	"	884,610	828,647	581,196	764,528
Total Barrel Miles (Trunk Lines)	Millions	7,952	7,675	5,063	74,919
Average Miles Per Barrel (Trunk Lines)	Miles	299.6	298.8	290.4	293.0
Employees and Earnings (6)					
Average Number (4)	No.	1,314	1,301	1,169	1,264
Total Salaries and Wages	\$	546,669	540,097	465,228	5,630,439
Man-Hours Worked by Wage Earners (5) (6)	Hours	58,120	59,005	48,431	620,433

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amirex 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

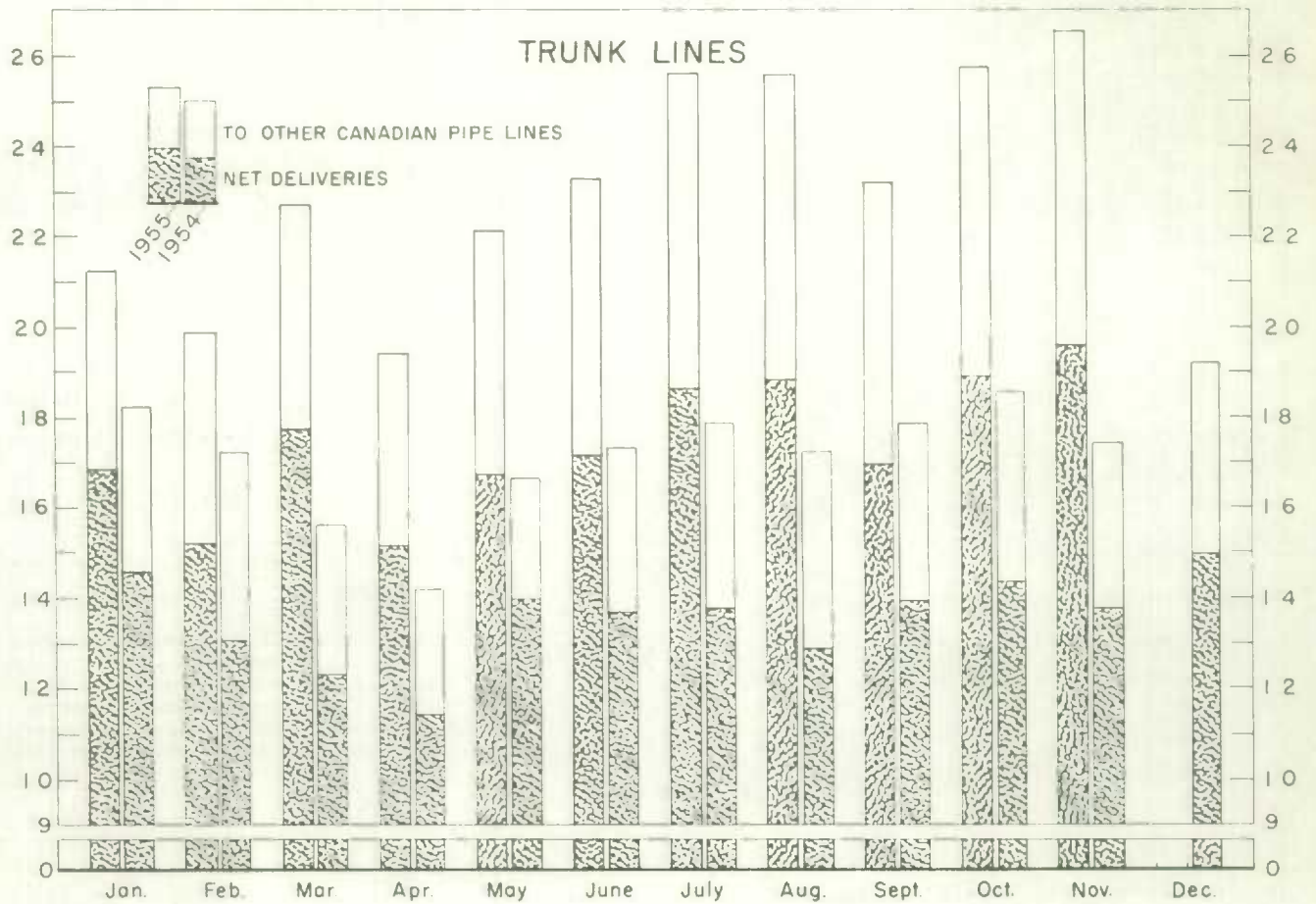
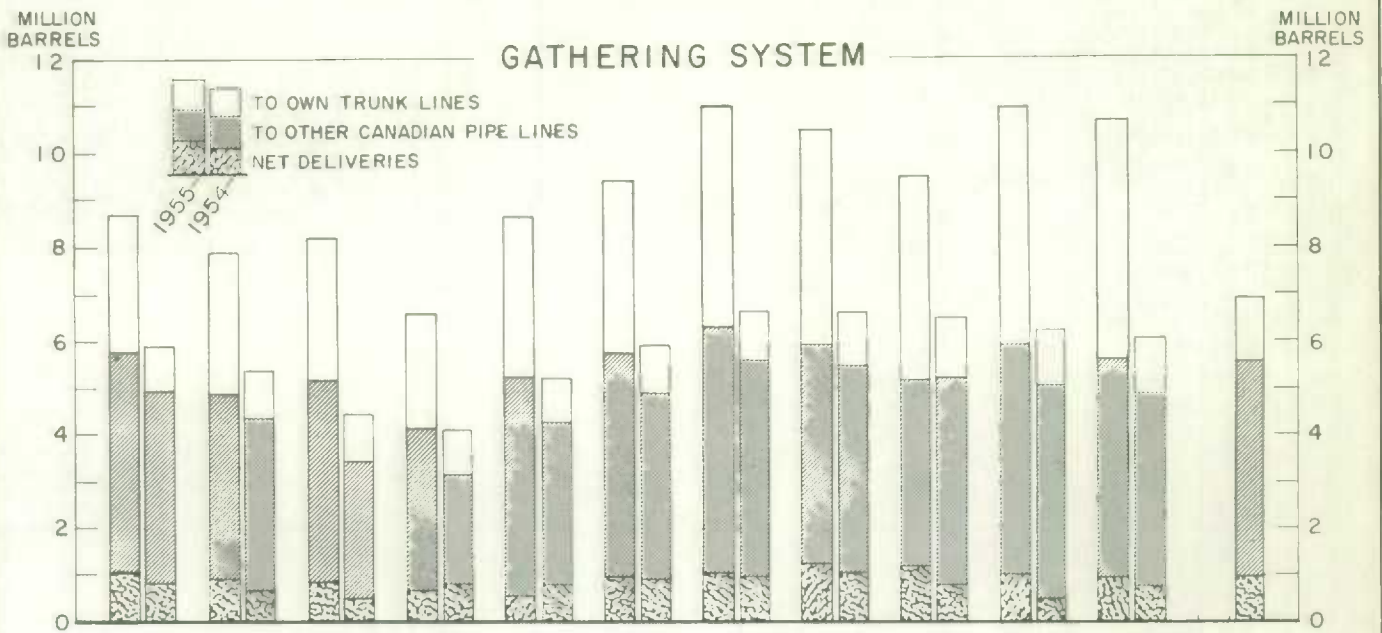
NOVEMBER, 1955

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 (November, 1955)	4,583,831	7,467,728	6,012,795	3,153,722	11,165,578(2)	32,383,654
This year (11 months)	48,411,745	73,019,185	61,663,474	28,471,368	105,871,660(3)	317,437,432
<u>Total Delivered out of System</u>						
This month (November, 1955)	4,532,984	7,466,587	6,006,500	2,973,423	11,171,757(4)	32,151,251
This year (11 months)	48,381,764	72,728,661	61,631,150	27,200,557	105,449,952(5)	315,392,084
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (November, 1955)	151,099	-	-	-	205,223	356,322
This year (11 months)	144,856	-	-	-	160,235	305,091
<u>Trunk Lines</u>						
This month (November, 1955)	-	248,886	200,217	99,114	336,393	884,610
This year (11 months)	-	217,750	184,524	81,439	280,815	764,528
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (November, 1955)	-	4,253	442	2,067	1,190	7,952
This year (11 months)	-	40,153	4,534	18,969	11,263	74,919
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (November, 1955)	-	570.0	73.7	695.0	117.8	299.6
This year (11 months)	-	552.0	73.6	697.0	120.1	293.0
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,898	4,004,290 ⁽⁷⁾	12,829,667
Six Months ending June 30, 1955	1,887,471	9,255,047	1,141,931	6,228,624	8,118,496 ⁽⁷⁾	26,631,569
Nine Months ending Sept. 30, 1955	2,872,120	14,553,523	1,757,242	10,173,310	12,812,820 ⁽⁷⁾	42,169,015
Twelve Months ending Dec. 31, 1955						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (November, 1955)	196	390	52	172	504	1,314
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (November, 1955)	75,736	166,536	21,275	79,981	203,141	546,669
This year (11 months)	797,998	1,824,396	238,516	830,556	1,938,973	5,630,439
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (November, 1955)	22,326	299	1,128	2,014	32,353	58,120
This year (11 months)	261,510	4,121	16,125	16,740	321,937	620,433

* 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, Saskatchewan 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 3,528,543 bbls. products and 63,830 bbls. natural gasoline.
- (3) Includes 34,772,070 bbls. products and 557,326 bbls. natural gasoline.
- (4) Includes 3,521,909 bbls. products and 62,491 bbls. natural gasoline.
- (5) Includes 34,698,074 bbls. products and 547,280 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., Nisku Products Pipe Line Company, Limited, and Valley Pipe Line Company, Ltd.
- (7) Excludes Anglo American Exploration Company, Green River Exploration Company, and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010534426