

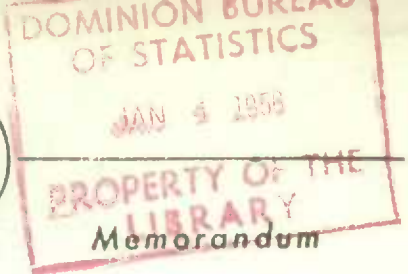
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Vol. 5, No. 10

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

OCTOBER, 1955.

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Canadian pipe lines recorded a net delivery of 19,926,454 barrels in October, only slightly below the record of 20,054,245 barrels reached in August. This was an average of 642,789 barrels per day as compared with 603,275 in September and 480,045 in October last year.

For the ten months ended October 31, net deliveries amounted to 181,440,143 barrels compared with 142,045,332 for the same period of 1954, an increase of 28 p.c. Of this total, refinery products accounted for 31,176,165 barrels in 1955 against 26-585,678 barrels in the previous year. Provincial deliveries for the ten months were as follows (1954 data in brackets): British Columbia 24,227,134 barrels (11,158,737); Alberta 15,142,919 (13,597,923); Saskatchewan 12,989,591 (12,152,399); Manitoba 42,809,779 (34,576,115); Ontario 30,646,070 (26,390,231); and Quebec 55,624,650 (44,169,927). Manitoba deliveries included 36,731,430 barrels (28,927,990) transferred to the Lakehead Pipe Line Company at Gretna. Of this, a total of 3,212,646 barrels (1,369,585) was exported to the United States while the remainder returned to Canada at Sarnia.

Net receipts for the month totalled 20,512,249 barrels, almost 32 p. c. above the October 1954 figure of 15,577,508. October receipts included 10,419,081 barrels of Alberta crude and 55,922 of Alberta natural gasoline, 593,771 barrels of Saskatchewan crude, 428,862 of Manitoba crude, 5,670,536 of imported crude and 3,344,077 barrels of refinery products.

Both gathering systems and trunk lines handled more oil than in the previous month. Gathering systems delivered an average of 354,438 barrels per day against 313,499 in September while trunk lines handled a daily average of 828,647 barrels against 772,788 in September. Barrel miles rose by 16 p.c. to 7,675 million and the average haul increased from 285 miles in September to 298.8 in the month under review. Total salaries and wages increased from \$537,432 to \$540,097 for an increase of 9 in the number of employees.

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 September 1954 revised.

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

8504-508-105

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 ten months of 1955, per table 6	285,053,778
Received into Trunk Lines from other Canadian Pipe Lines	101,467,838
"Net Received" into Canadian Pipe Line Systems	183,585,940
"Net Received" into Trunk Systems per table 1	92,374,631
"Net Received" into Gathering Systems per table 2	91,211,309
 Total Delivered out of Systems - all companies -	
during first ten months of 1955, per table 6	283,240,833
Delivered to other Canadian Pipe Lines	101,800,690
"Net Delivered" from Canadian Pipe Line Systems	181,440,143
"Net Delivered" from Trunk Systems per table 1	171,912,594
"Net Delivered" from Gathering Systems per table 2	9,527,549

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 October and are given herewith:

OIL BALANCE - ALL COMPANIES - SEPTEMBER, 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 October 31, 1955	91,211,309	
Received into Trunk Systems January 1 to October 31, 1955	230,626,285	321,837,594
 Total oil accountable for period		330,258,588
Delivered from Gathering Systems January 1 to October 31, 1955	91,210,674	
Delivered from Trunk Systems January 1 to October 31, 1955	228,813,975	320,024,649
 Balance to be accounted for at October 31, 1955		10,233,939
Oil consumed as fuel and losses		192,422
Balance on hand - October 31, 1955		10,041,517
Total Shippers Balances - October 31, 1955	9,563,242	
Total Carriers Balances - October 31, 1955	478,275	

The Interprovincial and Sun Pipe Line Companies operate lines across the St. Clair River from the United States 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
October, 1954	2,919,363	506,417
September, 1955	2,978,580	425,359
October, 1955	2,979,303	480,340

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	OCTOBER 1 9 5 5	SEPTEMBER 1 9 5 5	OCTOBER 1 9 5 4	YEAR TO DATE 1 9 5 5
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	26,311,012	23,500,215	19,239,753	230,626,285
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	5,071,705	4,227,920	1,151,559	36,783,816
3. Other pipe lines - Gathering	3,211,975	2,757,925	2,587,282	29,010,742
4. Trunk	8,484,341	7,330,794	6,239,914	72,457,096
5. <u>Net Received (6+7+8)</u>	9,542,991	9,183,576	9,260,998	92,374,631
6. Originating on own trunk lines	3,756,587	3,394,925	4,236,343	35,353,422
7. Received from foreign pipe line connections	5,670,536	5,718,817	5,024,655	55,650,679
8. Received from other carriers (rail & truck)	115,868	69,834	-	1,370,530
9. <u>Total Delivered * (10+11)</u>	25,688,047	23,183,651	18,553,335	228,813,975
10. Less: Delivered to other Canadian trunk lines	6,789,301	6,249,979	4,219,151	56,901,381
11. <u>Net Delivered (12+13+14)</u>	18,898,746	16,933,672	14,334,184	171,912,594
12. Terminated on own trunk lines	12,595,670	12,369,490	11,214,346	126,436,838
13. Delivered to foreign pipe line connections	6,280,844	4,546,002	3,118,370	45,270,794
14. Delivered to other carriers (rail & truck)	22,232	18,180	1,468	204,962

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	OCTOBER 1 9 5 5	SEPTEMBER 1 9 5 5	OCTOBER X 1 9 5 4	YEAR TO DATE 1 9 5 5
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	10,969,258	9,411,196	6,316,510	91,211,309
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	10,969,258	9,411,196	6,316,510	91,211,309
18. Originating on own gathering system	10,577,168	9,127,011	5,915,658	88,631,790
19. Received from other carriers (rail & truck)	392,090	284,185	400,852	2,579,519
20. <u>Total Delivered * (21+22+23)</u>	10,987,578	9,404,958	6,280,179	91,210,674
Less: Delivered to other pipe lines -				
21. Own Trunk system	5,071,705	4,227,920	1,151,559	36,783,816
22. Other pipe lines	4,888,165	4,012,474	4,581,400	44,899,309
23. <u>Net Delivered (24+25)</u>	1,027,708	1,164,564	547,220	9,527,549
24. Terminated on gathering systems	838,270	958,678	405,707	7,504,885
25. Delivered to other carriers (rail & truck)	189,438	205,886	141,513	2,022,664

/ Includes natural gasoline and products.

* Includes duplications.

/ Includes natural gasoline.

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TABLE 3

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

Province		OCTOBER	SEPTEMBER	OCTOBER X	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,948,109	8,499,113	6,031,644	83,705,932
"	- Trunk	601,464	521,960	1,585,139	6,005,909
Saskatchewan	- Gathering	592,287	518,210	48,032	4,275,286
"	- Trunk	1,484	-	-	4,206
Manitoba	- Gathering	428,862	393,873	236,834	3,230,091
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,019,931	1,818,526	1,600,890	19,061,148
Quebec (3)	- Trunk	6,920,112	6,843,090	6,074,969	67,303,368
Net Received	- Gathering	10,969,258	9,411,196	6,316,510	91,211,309
"	- Trunk	9,542,991	9,183,576	9,260,998	92,374,631
"	- Total	20,512,249	18,594,772	15,577,508	183,585,940

TABLE 4

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

Province		OCTOBER	SEPTEMBER	OCTOBER X	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,567,861	2,821,527	1,257,115	24,227,134
Alberta (1)	- Gathering	990,846	1,128,560	490,513	8,999,487
"	- Trunk	670,676	447,910	555,278	6,143,432
Saskatchewan	- Gathering	36,862	36,004	56,707	528,062
"	- Trunk	1,182,023	984,797	1,362,652	12,461,529
Manitoba	- Trunk	5,482,495	4,059,820	3,495,156	42,809,779
Ontario (2)	- Trunk	3,258,852	2,918,840	2,647,485	30,646,070
Quebec	- Trunk	5,736,839	5,700,778	5,016,498	55,624,650
Net Delivered	- Gathering	1,027,708	1,164,564	547,220	9,527,549
"	- Trunk	18,898,746	16,933,672	14,334,184	171,912,594
"	- Total	19,926,454	18,098,236	14,881,404	181,440,143
⚡	Including exports to U.S.A. at Sumas, B.C.	1,423,611	1,125,273	281,657	8,539,364
⚡	Including deliveries to U.S. pipe lines, Gretna, Man.	4,857,233	3,420,729	2,836,713	36,731,430

TABLE 5

OPERATING STATISTICS

		OCTOBER	SEPTEMBER	OCTOBER X	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	354,438	313,499	202,586	300,232
Trunk Lines	"	828,647	772,788	598,494	752,678
Total Barrel Miles (Trunk Lines)	Millions	7,675	6,608	5,327	66,967
Average Miles Per Barrel (Trunk Lines)	Miles	298.8	285.0	287.1	292.7
Employees and Earnings (6)					
Average Number (4)	No.	1,301	1,292	1,187	12,592
Total Salaries and Wages	\$	540,097	537,432	463,516	5,083,770
Man-Hours Worked by Wage Earners (5) (6)	Hours	59,005	58,638	51,624	562,313

(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.

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TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

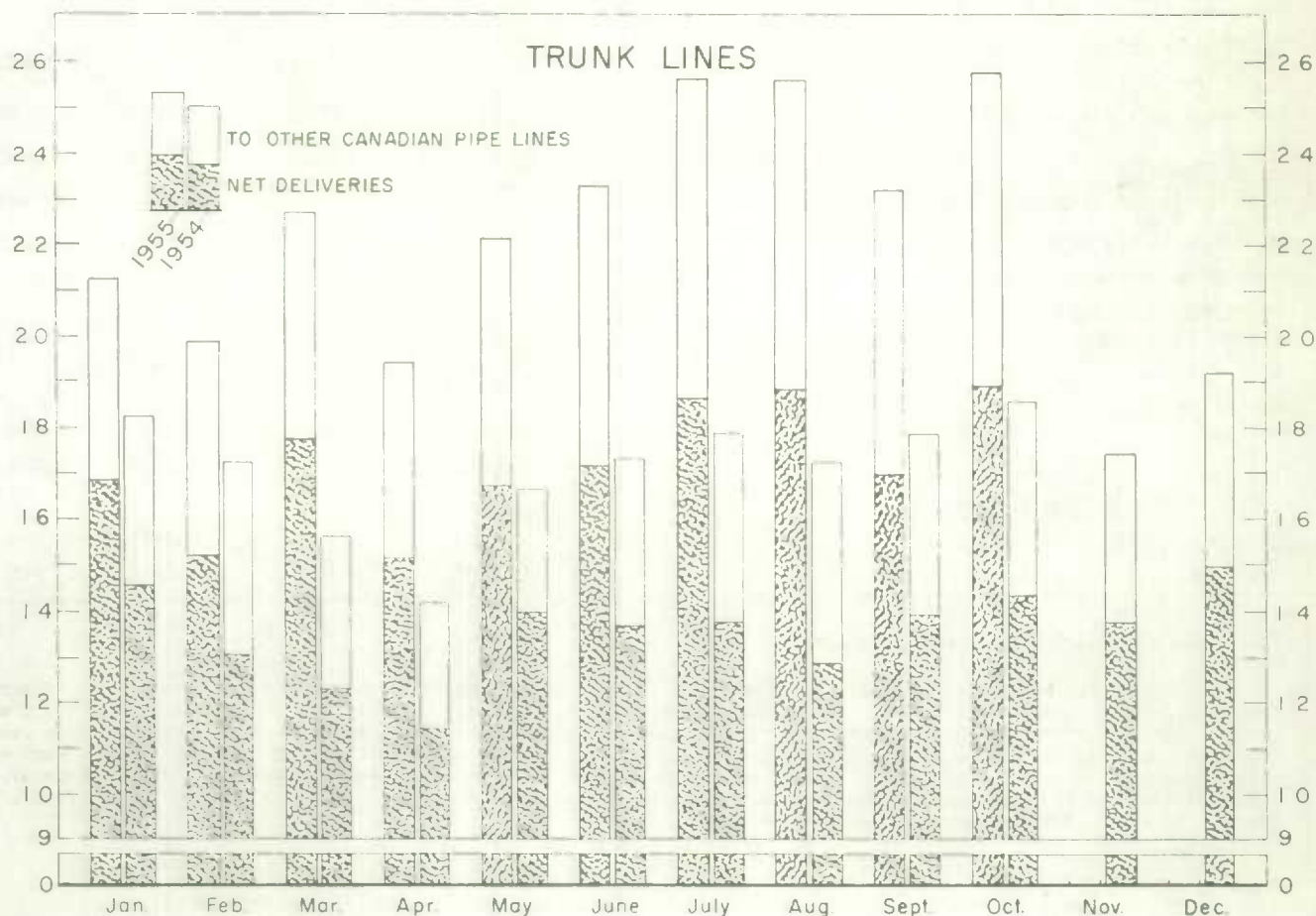
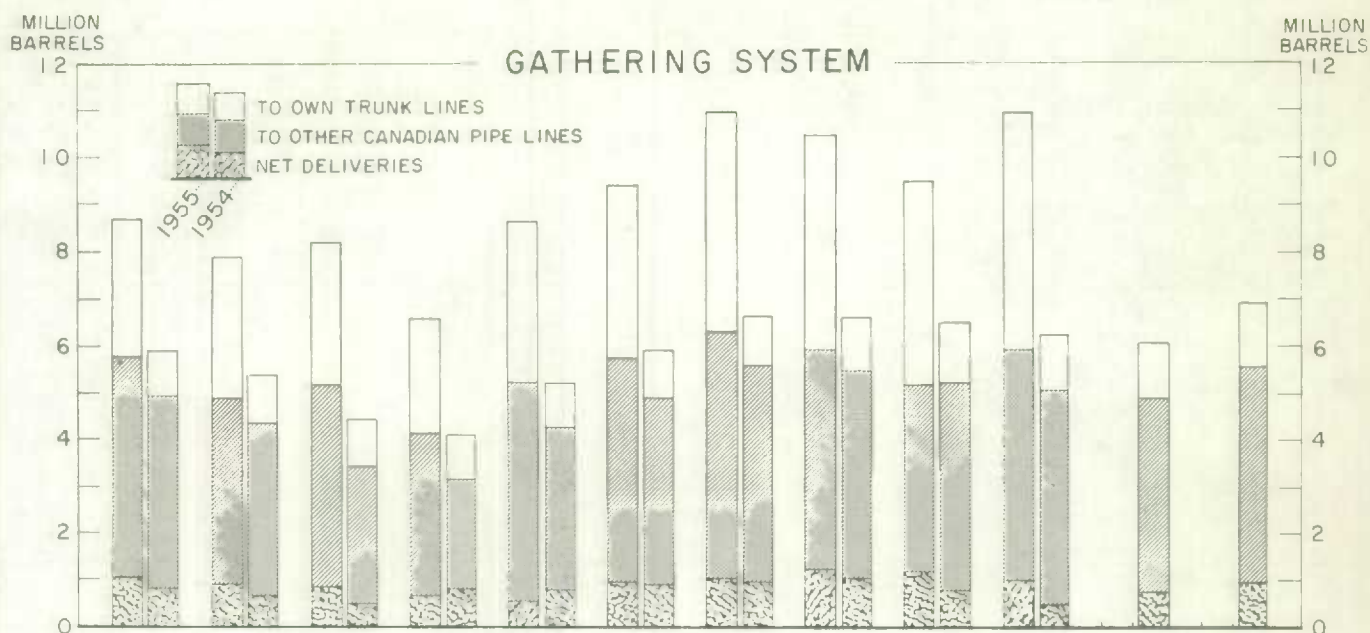
OCTOBER, 1955

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>					(2)	
This month (October, 1955)	4,737,043	7,593,202	5,670,536	2,978,952	11,228,837	32,208,565
This year (10 months)	43,827,914	65,551,457	55,650,679	25,317,646	94,706,082	285,053,778
<u>Total Delivered out of System</u>					(4)	
This month (October, 1955)	4,764,091	7,403,383	5,736,839	2,567,861	11,131,746	31,603,920
This year (10 months)	43,848,780	65,262,074	55,624,650	24,227,134	94,278,195	283,240,833
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (October, 1955)	153,680	-	-	-	200,758	354,438
This year (10 months)	144,239	-	-	-	155,993	300,232
<u>Trunk Lines</u>						
This month (October, 1955)	-	238,819	185,059	82,834	321,935	828,647
This year (10 months)	-	214,678	182,976	79,695	275,329	752,678
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (October, 1955)	-	4,318	423	1,767	1,167	7,675
This year (10 months)	-	35,900	4,092	16,902	10,073	66,967
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (October, 1955)	-	583.0	73.7	688.0	117.0	298.8
This year (10 months)	-	550.0	73.6	698.0	120.4	292.7
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,898	(7) 4,004,290	12,829,667
Six Months ending June 30, 1955	1,887,471	9,255,047	1,141,931	6,228,624	(7) 8,118,496	26,631,569
Nine Months ending Sept. 30, 1955	2,872,120	14,553,523	1,757,242	10,173,310	(7) 12,812,820	42,169,015
Twelve Months ending Dec. 31, 1955						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (October 1955)	191	394	51	169	(6) 496	1,301
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (October, 1955)	73,425	169,426	21,440	78,631	(6) 197,175	540,097
This year (10 months)	722,262	1,657,860	217,241	750,575	(6) 1,735,832	5,083,770
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (October, 1955)	23,672	212	955	1,567	(6) 32,599	59,005
This year (10 months)	239,184	3,822	14,997	14,726	(6) 289,584	562,313

* 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, 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 3,344,077 bbls. products and 55,922 bbls. natural gasoline.
- (3) Includes 31,243,527 bbls. products and 493,496 bbls. natural gasoline.
- (4) Includes 3,334,071 bbls. products and 51,963 bbls. natural gasoline.
- (5) Includes 31,176,165 bbls. products and 484,789 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



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