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PIPE LINES (OIL) STATISTICS

JULY, 1957

Total net deliveries through Canadian oil pipe lines during July amounted to 26,036,018 barrels as compared with 23,983,427 in July 1956. The net daily average of 839,872 barrels was up 40,425 barrels over last month and 114,565 barrels over July 1956. Barrel miles totalled 10,100 million in July, rising from 8,401 million in June, an increase of 20.2 p.c. and from 8,946 million in July the previous year. Associated with the June-July increase in barrel miles was an increase in average length of haul, up 36.5 miles to 277.0 from 240.5. In comparison with July 1956, however, the average length of haul declined 24.3 miles.

For the first seven months of the year, total net deliveries by provinces were as follows (1956 data in brackets); British Columbia 5,241,529 (4,185,831); Alberta 2,042,752 (1,061,144); Saskatchewan 1,508,974 (1,806,668); Manitoba 6,988,790 (6,663,636); Ontario 3,261,636 (3,026,810) and Quebec 6,992,337 (7,239,338).

Gathering systems handled an average of 486,812 barrels per day compared with 472,649 barrels in June and 402,402 barrels in the previous year. Trunk lines delivered 1,176,002 barrels per day in the month under review, compared with 1,164,437 barrels in June and 951,912 in July 1956.

Net receipts during July totalled 26,323,306 barrels as against 25,484,200 in the previous month and 22,840,001 in July 1956. July receipts were comprised of 12,605,547 barrels of Alberta crude and 39,045 of Alberta natural gasoline, 2,848,901 of Saskatchewan crude, 539,191 of Manitoba crude, 6,975,194 barrels of imported crude and 3,315,428 barrels of refinery products.

Employment and earnings increased in July with 1,834 employees earning \$849,643, as against 1,822 employees with total salaries of \$823,059 in the previous month, and 1,564 employees earning \$670,493 a year ago.

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.

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

8504-508-77

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first seven months of 1957, per table 6	294,285,274
Received into Trunk Lines from other Canadian Pipe Lines	111,465,239
"Net Received" into Canadian Pipe Line Systems	182,820,035
"Net Received" into Trunk Systems per table 1	81,309,849
"Net Received" into Gathering Systems per table 2	101,510,186
Total Delivered out of Systems - all companies -	
during first seven months of 1957, per table 6	293,166,719
Delivered to other Canadian Pipe Lines	116,061,990
"Net Delivered" from Canadian Pipe Line Systems	177,104,729
"Net Delivered" from Trunk Systems per table 1	175,905,537
"Net Delivered" from Gathering Systems per table 2	1,199,192

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 July, and are given herewith:

OIL BALANCE - ALL COMPANIES - JULY, 1957

	Barrels
Total Shippers Balances - January 1, 1957	10,368,770
Total Carriers Balances - January 1, 1957	730,708
Received into Gathering Systems January 1 to July 31, 1957	101,514,670
Received into Trunk Systems January 1 to July 31, 1957	254,815,836
Total oil accountable for period	367,429,984
Delivered from Gathering Systems January 1 to July 31, 1957	101,473,992
Delivered from Trunk Systems January 1 to July 31, 1957	253,733,475
Balance to be accounted for at July 31, 1957	12,222,517
Oil consumed as fuel and losses January 1 to July 31, 1957	465,303
Balance on hand - July 31, 1957	11,757,214
Total Shippers Balances - July 31, 1957	10,765,314
Total Carriers Balances - July 31, 1957	991,900

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
July, 1956	3,662,145	611,187
June, 1957	3,540,485	494,667
July, 1957	3,297,114	505,775

PIPE LINES (OIL) STATISTICS

JULY, 1957

E R R A T A

Second paragraph to read as follows:

For the first seven months of the year, total net deliveries amounted to 177,104,729 barrels as compared with 153,152,596 in the corresponding period last year. Provincial deliveries were as follows (1956 data in brackets): British Columbia 38,421,663 (23,548,920); Alberta 7,846,089 (11,226,029); Saskatchewan 10,372,952 (9,531,091); Manitoba 45,092,995 (40,076,572); Ontario 26,490,051 (24,719,794) and Quebec 48,880,979 (44,050,190).

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	July 1957	June 1957	July 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	36,663,907	35,632,601	30,032,772	254,815,836
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	9,288,353	8,594,681	6,774,015	62,040,748
3. Other pipe lines - Gathering	4,852,770	4,847,084 ^x	3,096,402	31,885,486
4. Trunk	11,337,930	10,874,816 ^x	9,806,651	79,579,753
5. <u>Net Received (6+7+8)</u>	11,184,854	11,316,020	10,355,704	81,309,849
6. Originating on own trunk lines	3,676,324	3,435,104	3,764,851	29,535,125
7. Received from foreign pipe line connections	6,975,194	7,268,937	6,459,234	48,908,156
8. Received from other carriers (rail & truck)	533,336	611,979	131,619	2,866,568
9. <u>Total Delivered * (10+11)</u>	36,456,084	34,933,118	29,695,299	253,733,475
10. Less: Delivered to other Canadian trunk lines	10,672,466	11,132,944	7,500,241	77,827,938
11. <u>Net Delivered (12+13+14)</u>	25,783,618	23,800,174	22,195,058	175,905,537
12. Terminated on own trunk lines	16,544,862	15,777,007	15,327,289	113,507,984
13. Delivered to foreign pipe line connections	9,140,762	7,588,782	6,001,270	55,370,905
14. Delivered to other carriers (truck, rail & water)	97,994	434,385	866,499	7,026,648

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	July 1957	June 1957	July 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	15,138,452	14,168,180	12,484,297	101,514,670
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	15,138,452	14,168,180	12,484,297	101,514,670
18. Originating on own gathering system	14,988,069	13,994,414	12,069,713	99,631,931
19. Received from other carriers (rail & truck)	150,383	173,766	414,584	1,882,739
20. <u>Total Delivered * (21+22+23)</u>	15,091,174	14,179,495	12,474,476	101,473,992
Less: Delivered to other pipe lines -				
21. Own Trunk system	9,288,353	8,594,681	6,774,015	62,040,748
22. Other pipe lines	5,550,421	5,401,561	5,410,997	38,234,052
23. <u>Net Delivered (24+25)</u>	252,400	183,253	289,464	1,199,192
24. Terminated on gathering systems	117,265	67,387	67,546	430,276
25. Delivered to other carriers (rail & truck)	135,135	115,866	221,918	768,916

† Includes natural gasoline and refinery products.

* Includes duplications.

‡ Includes natural gasoline.

x Revised.

TABLE 3

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

Province		July 1957	June 1957	July 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	12,264,256	11,430,976	11,107,536	83,509,176
"	- Trunk	431,635	424,486	556,238	3,170,179
Saskatchewan	- Gathering	2,335,005	2,228,442	862,609	14,552,903
"	- Trunk	513,896	598,402	35,899	2,711,398
Manitoba	- Gathering	539,191	508,762	514,152	3,452,591
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,520,975	1,544,964	1,780,079	14,972,413
Quebec (3)	- Trunk	8,718,348	8,748,168	7,983,488	60,455,859
Net Received	- Gathering	15,138,452	14,168,180	12,484,297	101,514,670
" "	- Trunk	11,184,854	11,316,020	10,355,704	81,309,849
" "	- Total	26,323,306	25,484,200	22,840,001	182,824,519

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		July 1957	June 1957	July 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	5,241,529	4,185,831	3,646,958	38,421,663
Alberta (1)	- Gathering	166,575	119,220	174,200	732,192
"	- Trunk	1,876,177	941,924	1,691,319	7,113,897
Saskatchewan	- Gathering	85,825	64,033	115,264	467,000
"	- Trunk	1,423,149	1,742,635	1,063,845	9,905,952
Manitoba ^φ	- Trunk	6,988,790	6,663,636	6,073,803	45,092,995
Ontario (2)	- Trunk	3,261,636	3,026,810	3,302,868	26,490,051
Quebec	- Trunk	6,992,337	7,239,338	6,416,265	48,880,979
Net Delivered	- Gathering	252,400	183,253	289,464	1,199,192
" "	- Trunk ^φ	25,783,618	23,800,174	22,195,058	175,905,537
" "	- Total	26,036,018	23,983,427	22,484,522	177,104,729
" "	- Total (daily average)	839,872	799,448	725,307	835,400
^φ	Includes deliveries to U.S. pipe lines, Gretna, Man.	6,226,698	5,822,942	5,259,894	38,959,099
^φ	Includes exports -				
	via Trans Mountain Oil Pipe Line Company	3,000,176	2,187,960	1,591,627	23,310,540
	via Interprovincial Pipe Line Company	1,598,330	1,743,437	1,410,569	12,311,616

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		July 1957	June 1957	July 1956	YEAR TO DATE 1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	486,812	472,649	402,402	478,651
Trunk Lines	"	1,176,002	1,164,437	951,912	1,196,856
Total Barrel Miles (Trunk Lines)	Millions	10,100	8,401	8,946	71,298
Average Miles Per Barrel (Trunk Lines)	Miles	277.0	240.5	301.3	281.0
Employees and Earnings (6)					
Average Number (4)	No.	1,834	1,822	1,564	12,059
Total Salaries and Wages	\$	849,643	823,059	670,493	5,464,596
Man-Hours Worked by Wage Earners (5) (6)	Hours	90,163	83,296 ^x	74,120	575,982

(1) Includes natural gasoline and some refinery products.

(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., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

x Revised.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

July 1957

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				Barrels			
Total Received into System							
This month July, 1957	4,153,537	9,330,455	6,975,194	5,164,318	3,489,845	(2) 13,400,657	42,514,006
This year (7 months)	29,140,506	60,304,877	48,908,156	38,882,159	23,408,773	(3) 93,645,287	294,289,758
Total Delivered out of System							
This month July, 1957	4,139,194	9,305,219	6,992,337	5,241,529	3,375,316	(4) 13,205,310	42,258,905
This year (7 months)	29,124,805	60,062,746	48,880,979	38,421,663	23,263,971	(5) 93,412,555	293,166,719
OPERATING STATISTICS							
Barrels Handled - Daily Average							
Gathering Lines							
This month July, 1957	133,522	-	-	-	109,550	243,740	486,812
This year (7 months)	137,381	-	-	-	109,366	231,904	478,651
Trunk Lines							
This month July, 1957	-	300,168	225,559	169,082	108,881	372,311	1,176,002
This year (7 months)	-	283,314	230,571	181,234	109,736	392,001	1,196,856
Total Barrel Miles				Miles			
(Trunk Lines - in millions)							
This month July, 1957	-	4,327	515	3,589	235	1,434	10,100
This year (7 months)	-	29,082	3,602	26,595	1,617	10,402	71,298
Average Miles Per Barrel							
(Trunk Lines)							
This month July, 1957	-	465.0	73.7	658.0	69.5	124.2	277.0
This year (7 months)	-	484.0	73.7	692.0	69.5	125.2	281.0
OPERATING REVENUES				Dollars			
Three Months ending Mar. 31, 1957	978,924	6,030,844	689,958	7,993,435	1,345,090	(7) 6,116,865	23,155,116
Six Months ending June 30, 1957	1,976,693	12,100,462	1,442,523	15,871,051	2,655,293	(7) 13,519,984	47,566,006
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				Number			
Number of Employees July, 1957	177	452	58	308	224	(6) 615	1,834
Salaries and Wages				Dollars			
This month July, 1957	76,345	218,445	27,191	155,494	97,914	(6) 274,254	849,643
This year (7 months)	489,112	1,383,806	165,211	964,145	630,184	(6) 1,832,138	5,464,596
Man-Hours Worked by Wage Earners				Hours			
This month July, 1957	21,269	976	2,636	1,267	22,385	(6) 41,630	90,163
This year (7 months)	137,810	4,168	8,695	7,048	153,368	(6) 264,893	575,982

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,315,428 bbls. products and 39,045 bbls. natural gasoline.

(3) Includes 26,985,221 bbls. products and 339,922 bbls. natural gasoline.

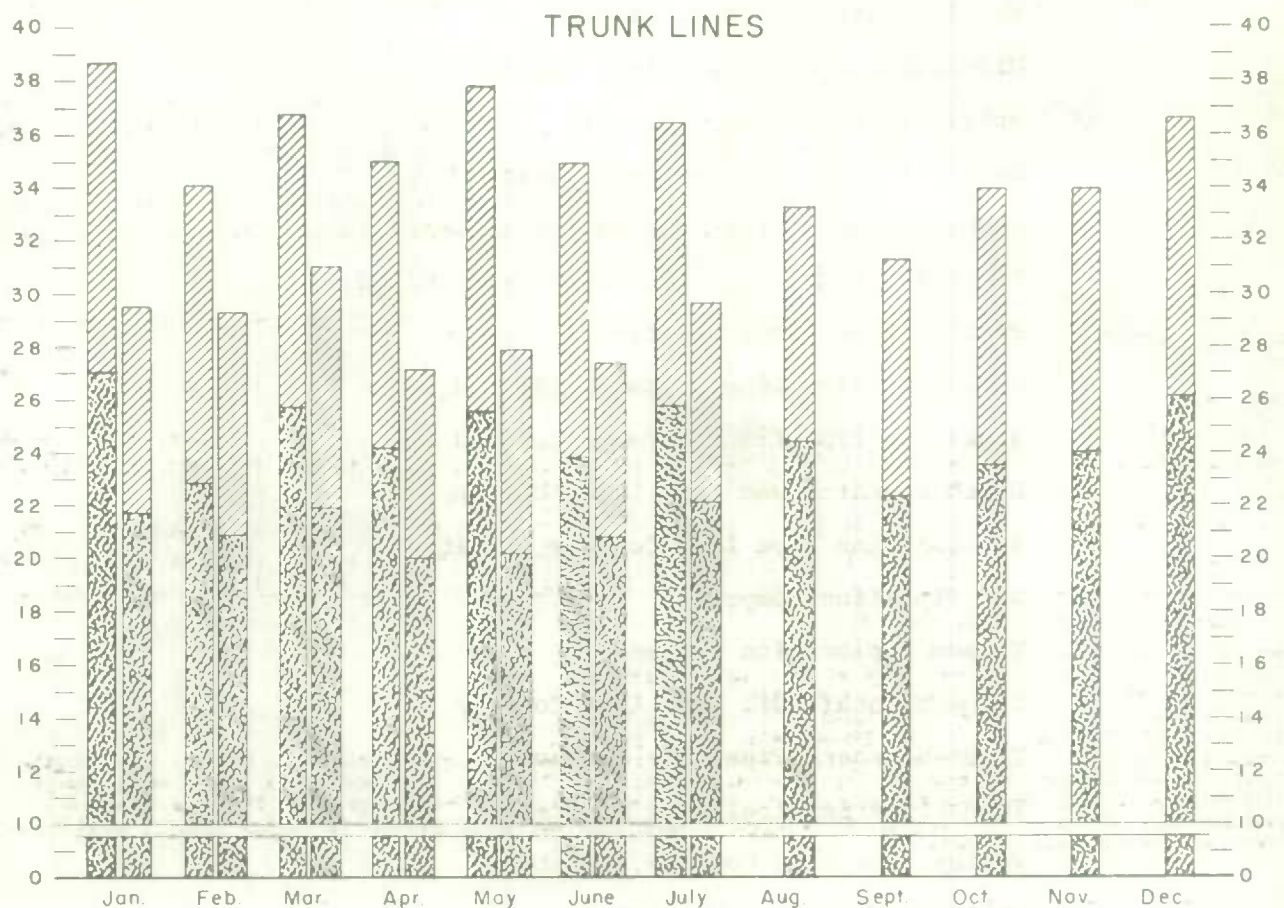
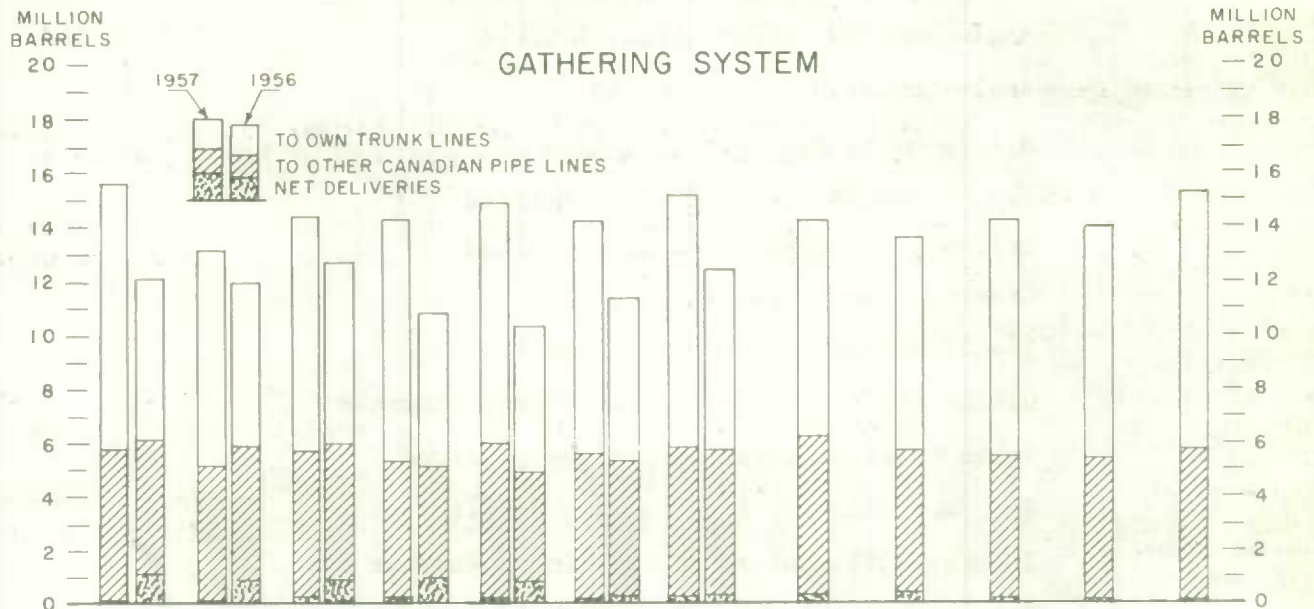
(4) Includes 3,307,709 bbls. products and 38,940 bbls. natural gasoline.

(5) Includes 26,907,029 bbls. products and 339,446 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. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company Ltd.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britam Oil Pipe Line Company, Limited
Cremona Pipe Lines, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited
Devon-Palmer Oils, Limited

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