

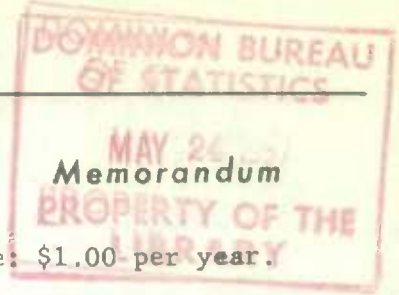
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PIPE LINES (OIL) STATISTICS

MARCH, 1957.

Total net deliveries of oil through Canadian pipe lines during March averaged 836,387 barrels per day, a slight decrease from the February average of 852,889, but an increase of 13.5 p.c. over the March 1956 average of 736,710 barrels.

Net deliveries from both gathering and trunk lines for the first quarter ended March 31, amounted to 76,963,416 barrels compared with 67,432,575 in the same period last year, an increase of 14.1 p.c. Provincial deliveries for the first three months of the year were as follows: (1956 data in brackets): British Columbia 16,756,543 barrels (11,189,261); Alberta 3,010,240 barrels (4,992,349); Saskatchewan 4,590,066 barrels (4,437,831); Manitoba 19,309,949 barrels (16,920,079); Ontario 13,046,322 barrels (11,217,553) and Quebec 20,250,296 barrels (18,675,502). Included in Manitoba deliveries were 16,570,623 barrels (14,314,934) transferred to the Lake Head Pipe Line Company at Gretna. Of this 5,591,147 barrels were for export while the remainder moved through the United States destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4 and include all deliveries at dock for export.

Net receipts for the month of March totalled 26,192,601 barrels, an increase of 13.0 p.c. over the 23,185,036 barrels received in the same month last year. March receipts included 12,157,218 barrels of Alberta crude and 54,787 of Alberta natural gasoline, 2,474,783 barrels of Saskatchewan crude, 507,178 barrels of Manitoba crude, 6,756,625 of imported crude and 4,242,010 barrels of refinery products.

Gathering systems handled an average of 464,906 barrels per day as compared with 471,147 in February and 411,726 in March 1956. Trunk lines dropped to a daily average of 1,187,329 in the current month from 1,217,685 last month and 1,001,129 one year earlier.

Barrel miles rose to 10,705 million from 9,332 in March 1956, an increase of 14.7 p.c., but the average haul decreased slightly from 300.7 to 290.8 miles.

Operating revenues for the first quarter of the year amounted to \$23,155,115 as compared with \$18,372,225 for the three months ending March 31, 1956, an increase of \$4,782,890 or 26.0 p.c.

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

8504-508-27

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.

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.

	<u>Barrels</u>
Total Received into Systems - all companies - during first three months of 1957, per table 6	125,862,509
Received into Trunk Lines from other Canadian Pipe Lines	47,045,166
"Net Received" into Canadian Pipe Line Systems	78,817,343
"Net Received" into Trunk Systems per table 1	35,665,480
"Net Received" into Gathering Systems per table 2	43,151,863
Total Delivered out of Systems - all companies - during first three months of 1957, per table 6	126,230,778
Delivered to other Canadian Pipe Lines	49,267,362
"Net Delivered" from Canadian Pipe Line Systems	76,963,416
"Net Delivered" from Trunk Systems per table 1	76,620,258
"Net Delivered" from Gathering Systems per table 2	343,158

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 March and are given herewith:

OIL BALANCE - ALL COMPANIES - MARCH, 1957

	<u>Barrels</u>	
Total Shippers Balances - January 1, 1957	10,368,770	
Total Carriers Balances - January 1, 1957	730,708	11,099,478
Received into Gathering Systems January 1 to March 31, 1957	43,151,863	
Received into Trunk Systems January 1 to March 31, 1957	109,203,009	152,354,872
Total oil accountable for period		163,454,350
Delivered from Gathering Systems January 1 to March 31, 1957	43,133,777	
Delivered from Trunk Systems January 1 to March 31, 1957	109,589,364	152,723,141
Balance to be accounted for at March 31, 1957		10,731,209
Oil consumed as fuel and losses January 1 to March 31, 1957		275,006
Balance on hand - March 31, 1957		10,456,203
Total Shippers Balances - March 31, 1957	9,717,149	
Total Carriers Balances - March 31, 1957	739,054	

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	Sun Pipe Line Company
	Crude Oil	Crude and Refined Oil
	Barrels	
March, 1956	3,372,733	506,340
February, 1957	3,330,463	465,022
March, 1957	3,596,038	508,767

TABLE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	March 1957	February 1957	March 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	36,377,532	34,296,711	31,349,790	109,203,009
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,719,479	8,043,033	6,735,851	26,492,363
3. Other pipe lines - Gathering	4,494,168	4,123,825	3,237,618	13,184,504
4. Trunk	11,341,236	10,450,299	10,970,752	33,860,662
5. Net Received (6+7+8)	11,822,649	11,679,554	10,405,569	35,665,480
6. Originating on own trunk lines	4,622,113	4,777,157	4,276,642	14,387,254
7. Received from foreign pipe line connections	6,756,625	6,440,560	6,027,235	20,264,962
8. Received from other carriers (rail & truck)	443,911	461,837	101,692	1,013,264
9. Total Delivered * (10+11)	36,807,201	34,095,196	31,034,985	109,589,364
10. Less: Delivered to other Canadian trunk lines	11,066,634	10,284,048	9,089,341	32,969,106
11. Net Delivered (12+13+14)	25,740,567	23,811,148	21,945,644	76,620,258
12. Terminated on own trunk lines	16,766,662	15,976,427	14,757,887	49,902,931
13. Delivered to foreign pipe line connections	7,514,199	7,068,916	7,077,155	23,431,988
14. Delivered to other carriers (truck, rail & water)	1,459,706	765,805	110,602	3,285,339

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	March 1957	February 1957	March 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	14,369,952	13,241,084	12,779,467	43,151,863
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	14,369,952	13,241,084	12,779,467	43,151,863
18. Originating on own gathering system	14,118,335	12,919,088	12,521,576	41,865,964
19. Received from other carriers (rail & truck)	251,617	321,996	257,891	1,285,899
20. Total Delivered * (21+22+23)	14,412,110	13,192,126	12,763,489	43,133,777
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,719,479	8,043,033	6,735,851	26,492,363
22. Other pipe lines	5,505,196	5,079,348	5,135,270	16,298,256
23. Net Delivered (24+25)	187,435	69,745	892,368	343,158
24. Terminated on gathering systems	84,001	22,772	693,639	136,079
25. Delivered to other carriers (rail & truck)	103,434	46,973	198,729	207,079

¹ Includes natural gasoline and refinery products.

* Includes duplications.

² Includes natural gasoline.

TABLE 3

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

Province		March	February	March	YEAR TO DATE
		1957	1957	1956	1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,846,176	11,114,274	11,568,393	35,883,149
"	- Trunk	443,340	455,338	574,286	1,449,337
Saskatchewan	- Gathering	2,016,598	1,667,680	724,345	5,815,390
"	- Trunk	458,185	420,047	2,741	891,999
Manitoba	- Gathering	507,178	459,130	486,729	1,453,324
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,412,981	2,729,957	2,269,124	7,977,781
Quebec (3)	- Trunk	8,508,143	8,074,212	7,559,418	25,346,363
Net Received	- Gathering	14,369,952	13,241,084	12,779,467	43,151,863
"	" - Trunk	11,822,649	11,679,554	10,405,569	35,665,480
"	" - Total	26,192,601	24,920,638	23,185,036	78,817,343

TABLE 4

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

Province		March	February	March	YEAR TO DATE
		1957	1957	1956	1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	5,914,614	4,971,235	4,064,761	16,756,543
Alberta (1)	- Gathering	113,496	47,571	768,486	217,950
"	- Trunk	911,128	860,668	817,812	2,792,290
Saskatchewan	- Gathering	73,939	22,174	123,882	125,208
"	- Trunk	1,598,597	1,365,552	1,285,722	4,464,858
Manitoba ^δ	- Trunk	6,333,762	5,847,701	5,834,147	19,309,949
Ontario (2)	- Trunk	4,176,077	4,345,137	3,863,882	13,046,322
Quebec	- Trunk	6,806,389	6,420,855	6,079,320	20,250,296
Net Delivered	- Gathering	187,435	69,745	892,368	343,158
"	" - Trunk [‡]	25,740,567	23,811,148	21,945,644	76,620,258
"	" - Total	25,928,002	23,880,893	22,838,012	76,963,416
^δ	Includes deliveries to U.S. pipe lines, Grtna, Man.	5,389,617	4,962,758	5,389,617	16,570,623
[‡]	Includes exports - via Trans Mountain Oil Pipe Line Company	3,562,001	2,851,187	943,241	10,078,242
	via Interprovincial Pipe Line Company	1,864,172	1,710,529	1,595,482	5,591,147

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		March	February X	March X	YEAR TO DATE
		1957	1957	1956	1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	464,906	471,147	411,726	479,264
Trunk Lines	"	1,187,329	1,217,685	1,001,129	1,217,659
Total Barrel Miles (Trunk Lines)	Millions	10,705	9,919	9,332	31,855
Average Miles Per Barrel (Trunk Lines)	Miles	290.8	290.9	300.7	290.7
Employees and Earnings (6)					
Average Number (4)	No.	1,655	1,628	1,378	4,897
Total Salaries and Wages	\$	729,048	725,202	604,252	2,173,631
Man-Hours Worked by Wage Earners (5) (6)	Hours	79,121	74,222	63,896	234,535

(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 Amrexx 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

March, 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*							
<u>Total Received into System</u>							
This month March, 1957	4,146,821	8,208,399	6,756,625	5,803,303	3,418,497	(2) 13,694,360	42,028,005
This year (3 months)	12,573,069	25,143,090	20,264,962	16,540,547	10,125,001	(3) 41,215,840	125,862,509
<u>Total Delivered out of System</u>							
This month March, 1957	4,167,474	8,547,677	6,806,389	5,914,614	3,392,009	(4) 13,671,669	42,499,832
This year (3 months)	12,555,193	25,313,334	20,250,296	16,756,543	10,062,073	(5) 41,293,339	126,230,778
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month March, 1957	134,434	-	-	-	109,901	220,571	464,906
This year (3 months)	139,502	-	-	-	112,154	227,608	479,264
<u>Trunk Lines</u>							
This month March, 1957	-	275,732	219,561	190,794	109,420	391,822	1,187,329
This year (3 months)	-	281,259	225,003	186,184	111,801	413,412	1,217,659
<u>Total Barrel Miles</u>							
<u>(Trunk Lines - in millions)</u>							
This month March, 1957	-	4,390	502	4,115	236	1,462	10,705
This year (3 months)	-	13,531	1,492	11,588	699	4,545	31,855
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month March, 1957	-	514.0	73.7	696.0	69.5	120.4	290.8
This year (3 months)	-	535.0	73.7	692.0	69.5	122.2	290.7
OPERATING REVENUES							
Three Months ending Mar. 31, 1957	978,925	6,030,844	689,958	7,993,435	1,345,090	(7) 6,116,863	23,155,115
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
Number of Employees March, 1957	158	392	47	272	213	(6) 573	1,655
<u>Salaries and Wages</u>							
This month March, 1957	66,885	181,742	21,493	128,428	83,622	(6) 246,878	729,048
This year (3 months)	199,171	543,985	64,575	361,678	255,018	(6) 749,204	2,173,631
<u>Man-Hours Worked by Wage Earners</u>							
This month March, 1957	19,351	516	516	910	21,202	(6) 36,626	79,121
This year (3 months)	58,465	806	1,692	1,510	65,000	(6) 107,062	234,535

* Totals include duplication between companies.

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

(2) Includes 4,242,010 bbls. products and 54,787 bbls. natural gasoline.

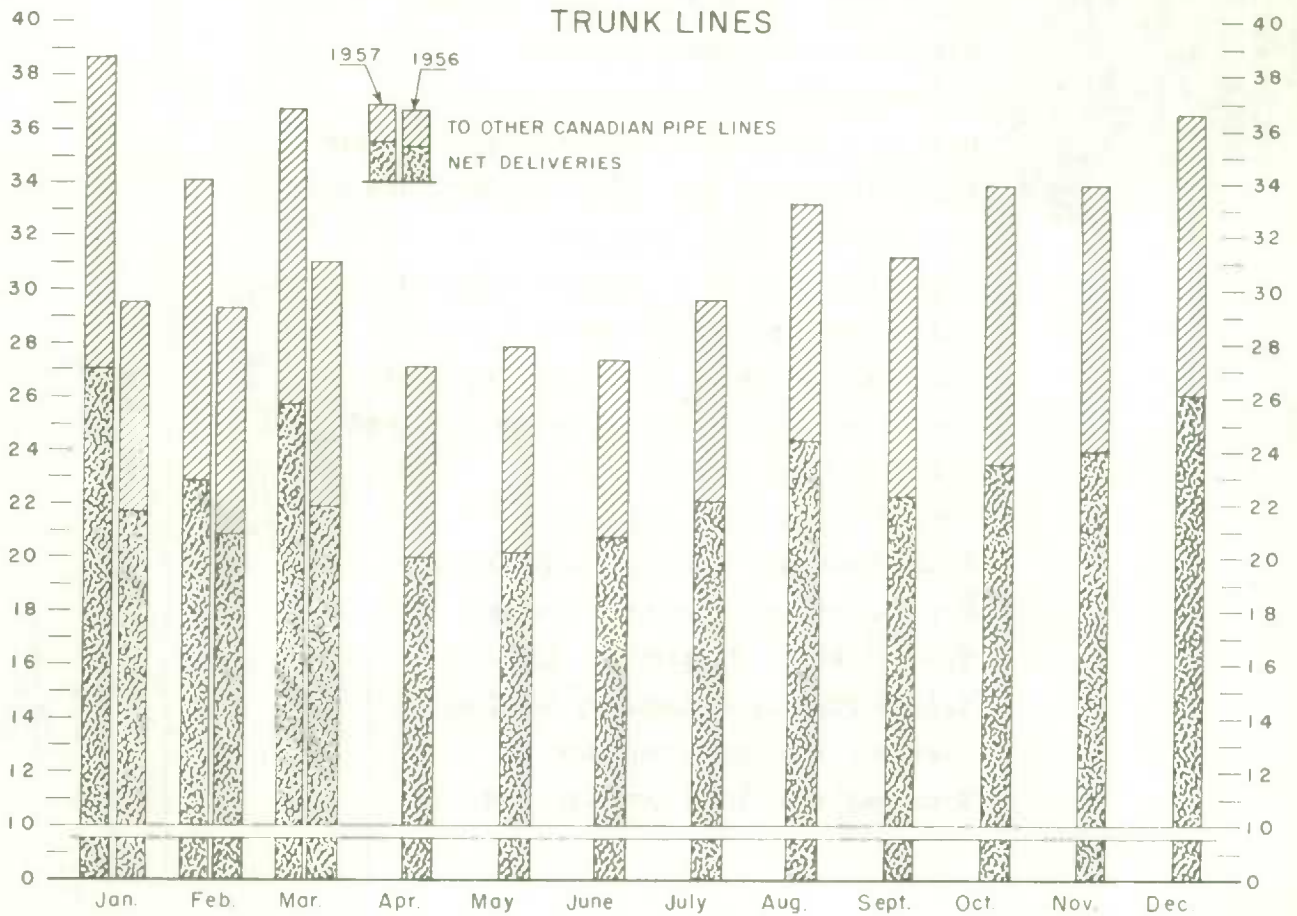
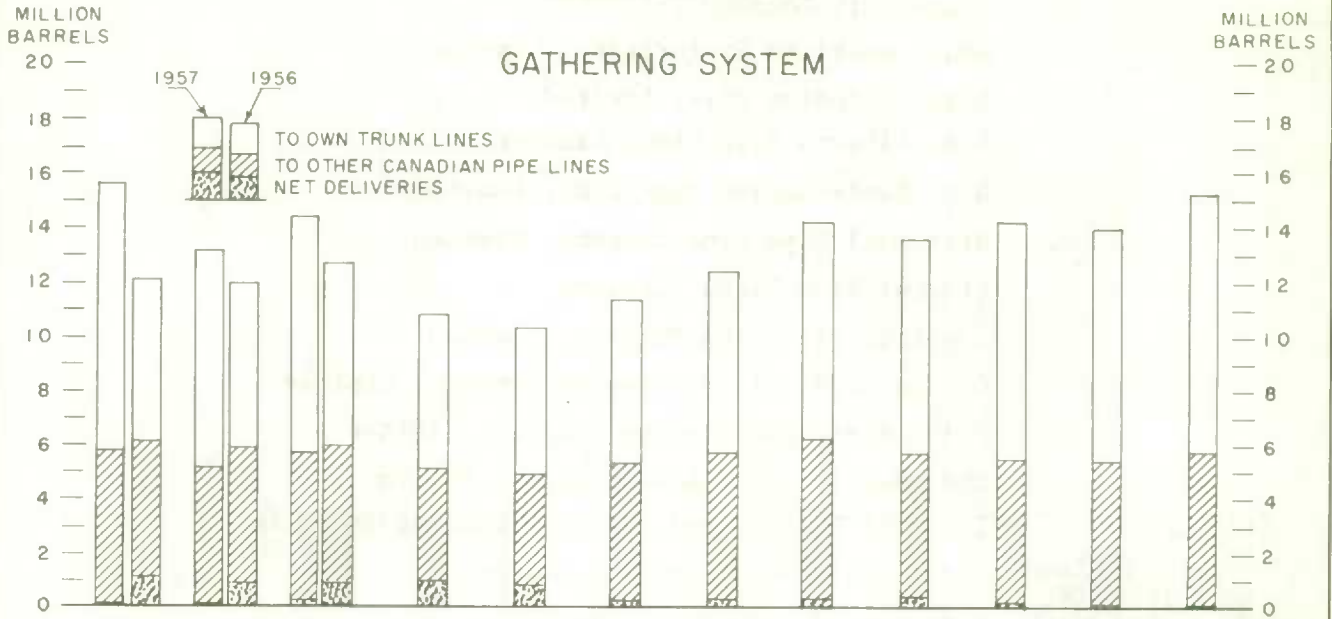
(3) Includes 13,291,044 bbls. products and 172,171 bbls. natural gasoline.

(4) Includes 4,245,102 bbls. products and 50,110 bbls. natural gasoline.

(5) Includes 13,252,746 bbls. products and 170,964 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.

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
Britamoil 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

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