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OIL PIPE LINE TRANSPORT

1965

DOMINION BUREAU OF STATISTICS



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OIL PIPE LINE TRANSPORT

1965

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Annual		
55-201	Oil Pipe Line Transport (approx. 37 pp.) Barrels of oil carried by gathering and trunk lines by province, by month; receipts and disposition, pipe line mileage, pumping stations; balance sheet, property account, employees, salaries and wages	\$.75
57-205	Gas Utilities (Transport and Distribution Systems) (approx. 40 pp.) Mcf. receipts and disposition of natural gas by month and by province; pipe line mileage; balance sheet, property account, income account, employees and earnings75
45-204	Refined Petroleum Products (approx. 160 pp.) Supplement to monthly report 45-004, containing revised monthly figures on crude oil receipts, refinery operations, shipments, inventories, imports by source of supply also cumulative year totals	1.50
Monthly		
55-001	Oil Pipe Line Transport (approx. 8 pp.) Barrels of oil carried by gathering and trunk lines, receipts and disposition, inventories, barrel miles, revenues	20¢ per copy, \$2.00 per year
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45-004	Refined Petroleum Products (approx. 20 pp.) Refinery receipts of crude oil by province, supply and disposition of petroleum products by province	30¢ per copy, \$3.00 per year

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SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- p preliminary figures.
- r revised figures.

INTRODUCTION

The 1965 Oil Pipe Line Transport report continues the concepts introduced in the 1960 publication; that is, data are provided in three areas; petroleum commodities, transportation and financial statistics.

The commodities carried by the oil pipe lines are divided into three groups:

- (a) Crude oil, condensate and pentanes plus
- (b) Liquefied petroleum gases
- (c) Refined petroleum products

The transportation component is divided into two sectors:

- (a) Gathering - Crude oil pipe lines

(b) Trunk - Crude oil pipe lines

Products pipe lines.

All pipe line receipts are broken down by commodity group for each transportation sector. All the petroleum received by each transportation sector has a disposition which consists of deliveries, inventory changes, pipe line uses, and lost and unaccounted for.

Some pipe lines extend into United States and return to Canada; these statistics account for the commodity disposition to the United States but the transportation equivalent of these operations is not included. A glossary of terms is given on page 42.

Review of Survey Results

The oil pipe line industry recorded new highs in its operations in 1965, resulting from increases in the production of crude petroleum and equivalent hydrocarbon liquids. Production during the year totalled 341.6 million barrels compared with the previous year's total of 313.2 million barrels.

Net receipts into pipe lines during 1965 were 483.6 million barrels as compared with 459.8 million barrels in 1964. Alberta continued to provide the largest percentage of receipts with 46.1% followed by Quebec 21.2% and Saskatchewan 17.9%. A summary of the provincial distribution of receipts into pipe lines in millions of barrels follows.

	Crude oil pipe lines	Products pipe lines	Total
millions of barrels			
Alberta	210.9	12.2	223.1
Quebec (imports)	92.2	10.4	102.6
Saskatchewan	85.3	1.4	86.7
Ontario	—	50.7	50.7
British Columbia	14.0	1.3	15.3
Manitoba	5.2	—	5.2
Totals	407.6	76.0	483.6

Net receipts into crude oil pipe lines increased 4.0% over 1964 and products pipe lines showed a 12.1% increase for the same period.

The sources of receipts into crude oil pipe lines during 1965 were 70.0% from field gathering systems, 22.6% imports, 5.7% from natural gas processing plants and 1.7% from other carriers.

Sources of receipts into products pipe lines during 1965 were 86.8% from refineries, 12.7% from natural gas processing plants and 0.5% from imports.

Exports of crude oil and products via pipe line facilities during 1965 were 110.3 million barrels, an increase of 5.8% over 1964 while imports increased to 94.8 million barrels, up 2.4%. Crude petroleum exports increased 6.0% over 1964 while liquefied petroleum gases and other products exports increased slightly during the year.

Trunk lines increased their traffic by 6.6% to 204.0 billion barrel miles or 29.9 billion ton miles while the average length of haul was 424.6 miles per barrel compared with 421.7 miles per barrel for 1964 and 410.5 for 1963. The throughput for the average crude oil trunk pipe line system mile was 107,000 barrels per day. The trunk pipe line revenue per barrel mile amounted to 0.0599 cents or 0.409 cents per ton mile.

Pipe line mileage increased by 571 miles during 1965. This increase was mainly accounted for by ten companies, each of which constructed more than 25 miles of line. The total oil pipe line mileage in Canada of 12,315.0 includes 1,596.5 miles of parallel and looped lines.

In the United States, Trans Mountain Oil Pipe Line Company (through its wholly owned subsidiary, Trans Mountain Oil Pipe Line Corporation) operates 64 miles of pipe line in the State of Washington. Interprovincial Pipe Line Company (through its wholly owned subsidiary, Lakehead Pipe Line Company Inc.) operates 1,488 miles in the United States as follows:

326 miles - 18" - from Gretna, Manitoba to Superior, Wisconsin.

326 miles - 26" - from Gretna, Manitoba to Superior, Wisconsin.

641 miles - 30" - from Superior, Wisconsin to Sarnia, Ontario.

187 miles - 34" - loop from Clearbrook, Minnesota to Superior, Wisconsin.

8 miles - 20" - two four-mile lines across the Straits of Mackinac, Michigan.

Selected Statistics

		1960	1961	1962	1963	1964	1965
Consumption by Canadian refineries of:							
Domestic production	million of bbls.	149.3	157.2	173.6	186.2	199.5	208.6
Imports	"	126.8	133.2	135.4	146.6	143.9	144.0
Pipe line exports of domestic production	"	41.8	67.3	86.6	91.2	104.2	110.3
Net receipts into pipe line:							
Crude oil (domestic)	"	185.1	221.6	254.9	274.0	297.8	315.4
All commodities	"	315.5	352.5	387.5	431.1	459.8	483.6
Operating revenues	\$'000,000	94.2	106.7	122.7	128.6	138.5	145.8
Operating expenses	"	22.9	24.6	28.1	30.4	32.1	34.5
Net income (after income tax)	"	23.5	30.7	35.7	39.3	46.0	55.5
Property account	"	485.5	535.6	557.7	582.7	617.8	654.0
Long term debt	"	298.9	322.7	309.8	298.8	291.1	299.2
Barrel miles	million of miles	119,109.2	147,032.1	166,208.1	175,492.6	191,241.6	203,999.4
Pipe line mileage:							
Gathering	mile	2,775.4	3,164.4	3,494.3	3,681.5	3,792.2	4,055.7
Trunk - Crude	"	4,472.8	5,202.6	5,458.3	5,811.5	6,257.4	6,564.5
Products lines	"	1,188.5	1,186.9	1,084.7	1,114.4	1,694.7	1,694.8
Totals	"	8,436.7	9,553.9	10,037.3	10,607.4	11,744.3	12,315.0
Average length of haul	"	390.4	426.8	438.6	410.5	421.7	424.6
Employees:							
Number		1,545	1,498	1,496	1,501	1,492	1,542
Earnings	\$'000	9,629	9,579	9,934	10,324	10,665	10,919

Montreal Pipe Line Company Limited operates approximately 165 miles each of 12", 18", and 24" pipe line in the state of Maine. The United States Army operates a 625 mile 8" pipe line through the Yukon from Haines to Fairbanks, Alaska. This latter pipe line does not receive or distribute oil in Canada, and consequently is not included in the statistics.

Gross additions to fixed assets for the oil pipe line industry for 1965 amounted to \$38.9 million, consisting of land and rights-of-way \$0.5 million, pipe line and pipe line equipment \$23.0 million, buildings, other property and equipment \$11.4 million.

Operating revenues in amount of \$145.8 million increased 5.3% over 1964 and were the main sources of funds to finance the operations and expansion of this industry. Operating expenses were \$34.5 million, an increase of 7.5% over 1964. Interest on long term debt at \$13.7 million remained constant.

Income taxes in amount of \$39.9 million increased 6.7% over 1964. The net income of this industry after providing for allowances for depreciation and income taxes was \$55.5 million, an increase of 20.6% over the 1964 net income of \$46.0 million.

Total assets of this industry amounted to \$577.4 million as at December 31, 1965. Inter-provincial companies owned \$348.7 million or 60% of this total with the remaining 40% being owned by companies operating within provincial boundaries.

The total number of employees increased to 1,542 in 1965 from 1,492 the previous year. Total salaries increased to \$10,929,026 from \$10,665,313 but resulted in a decrease of average annual earnings per employee to \$7,088 in 1965 from \$7,148 in 1964.

The following table presents selected statistics pertinent to the crude oil pipe line transport industry for the years 1960 to 1965.

CHART-1

**SUPPLY AND DISPOSITION OF CRUDE OIL AND EQUIVALENT
1964 AND 1965**

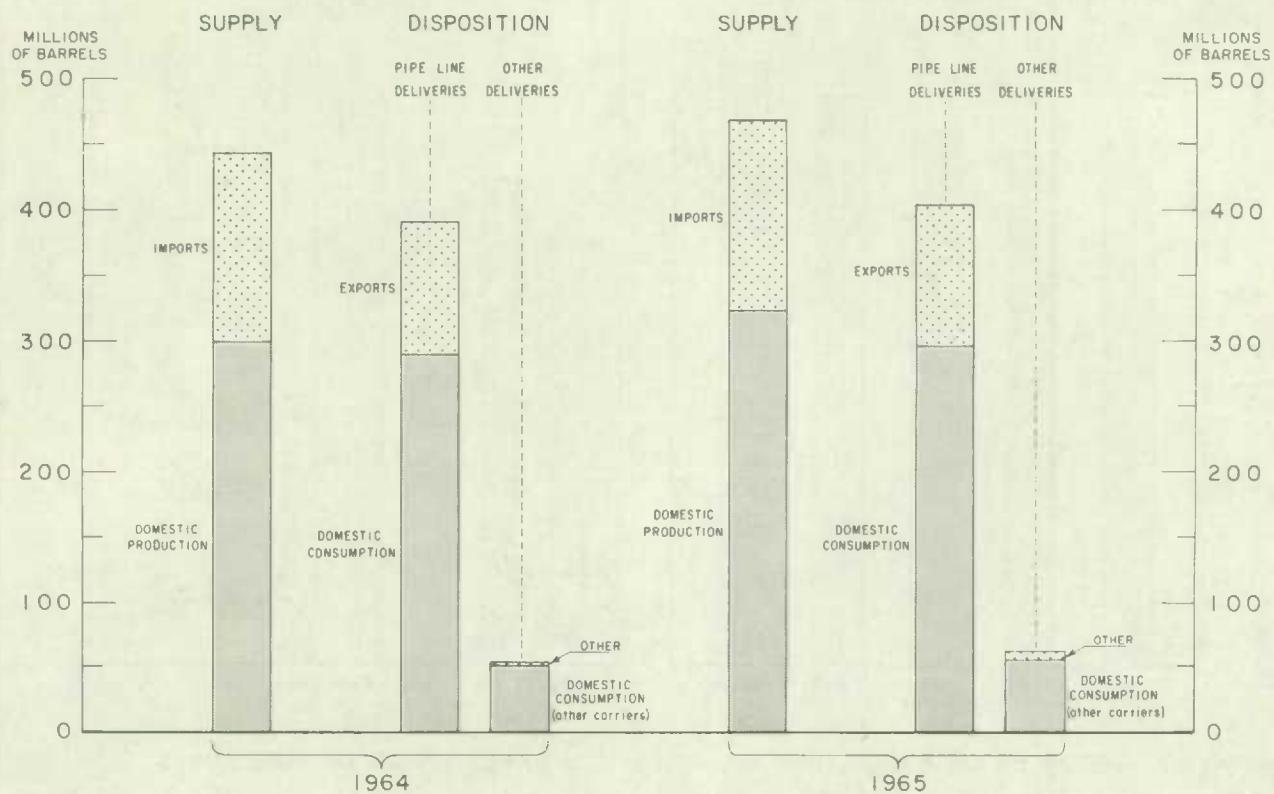


CHART-2

**NET PIPE LINE DELIVERIES OF CRUDE OIL AND LIQUEFIED PETROLEUM GASES AND
REFINED PETROLEUM PRODUCTS BY MONTH**

1961-1965

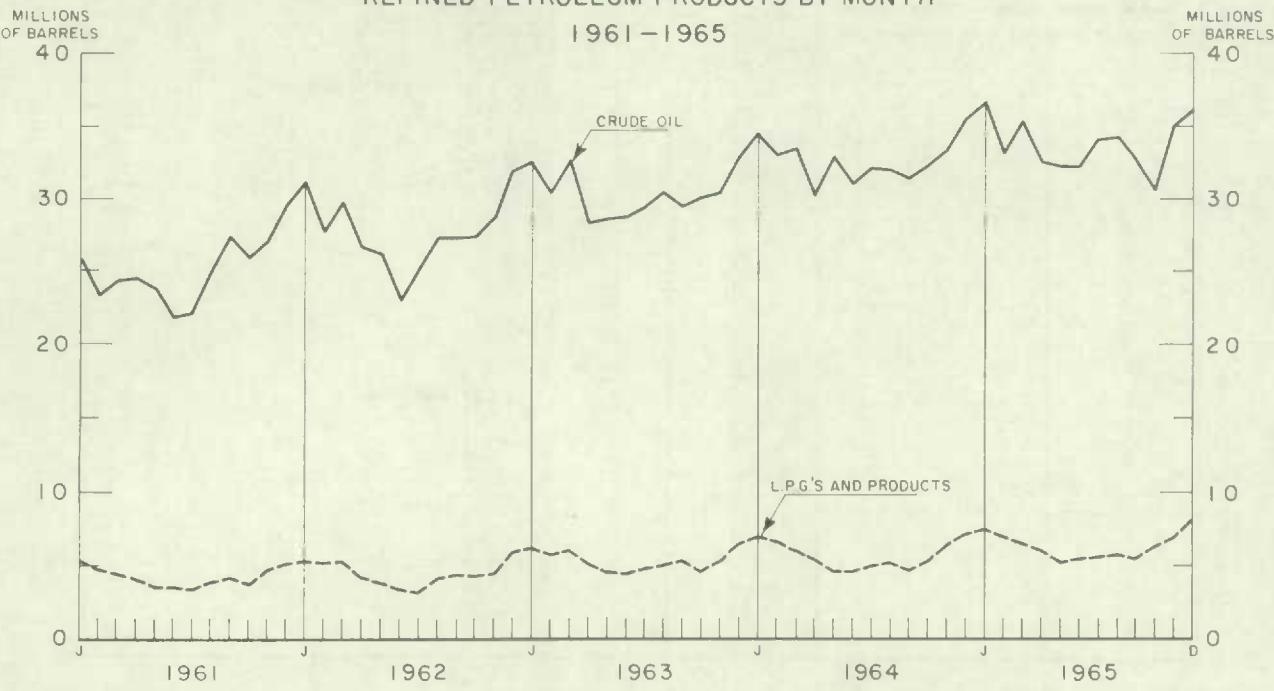
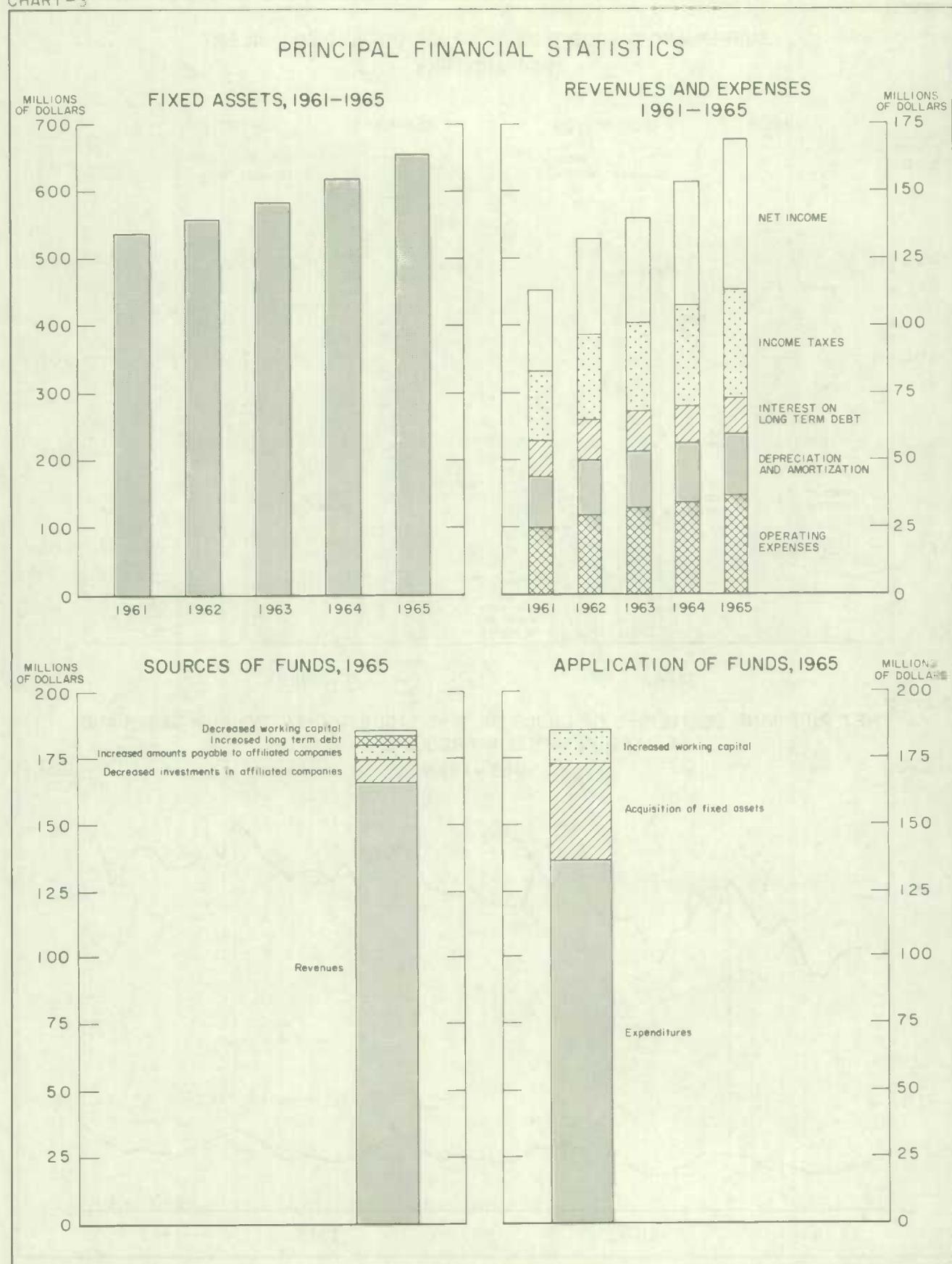
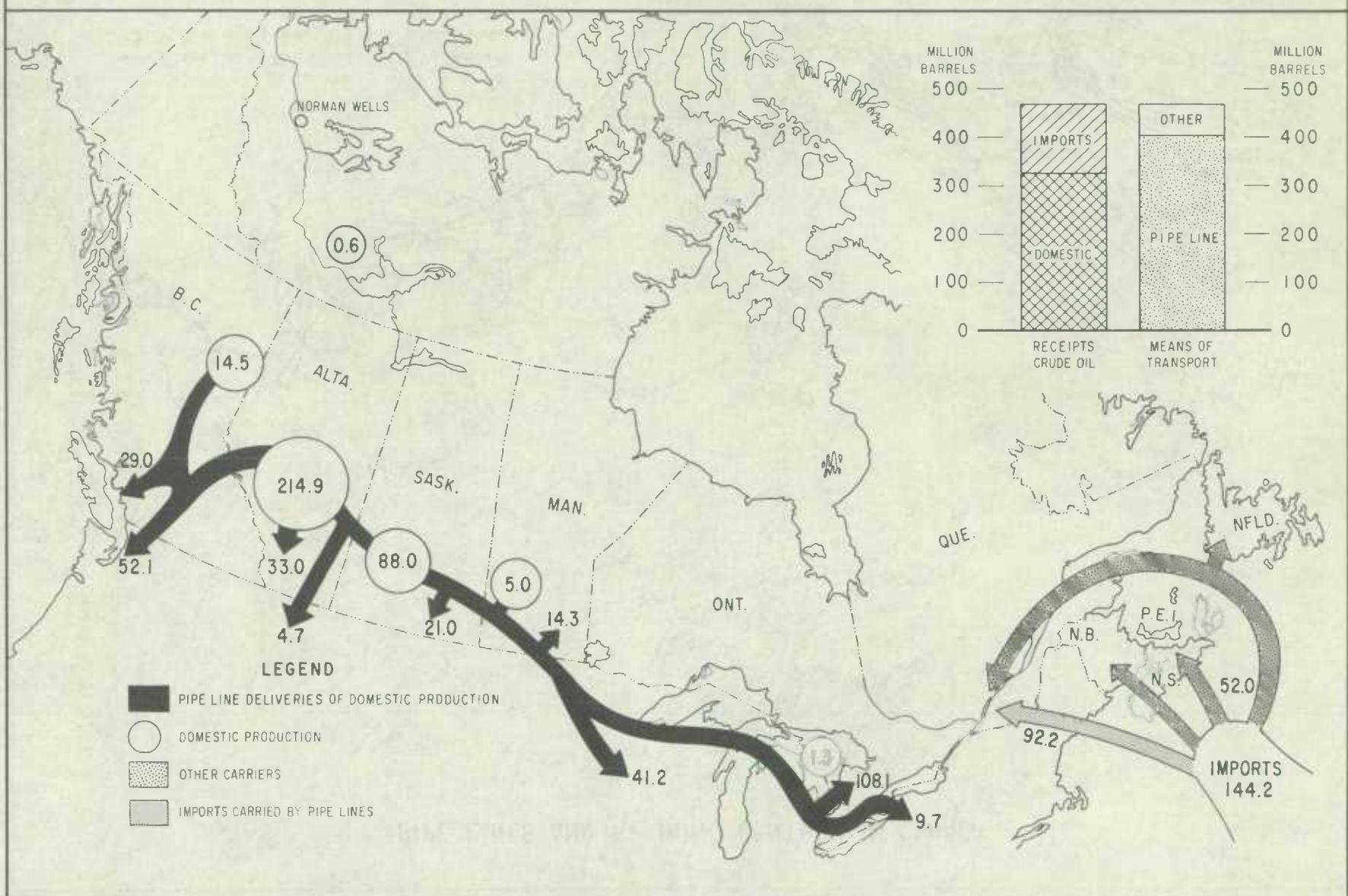


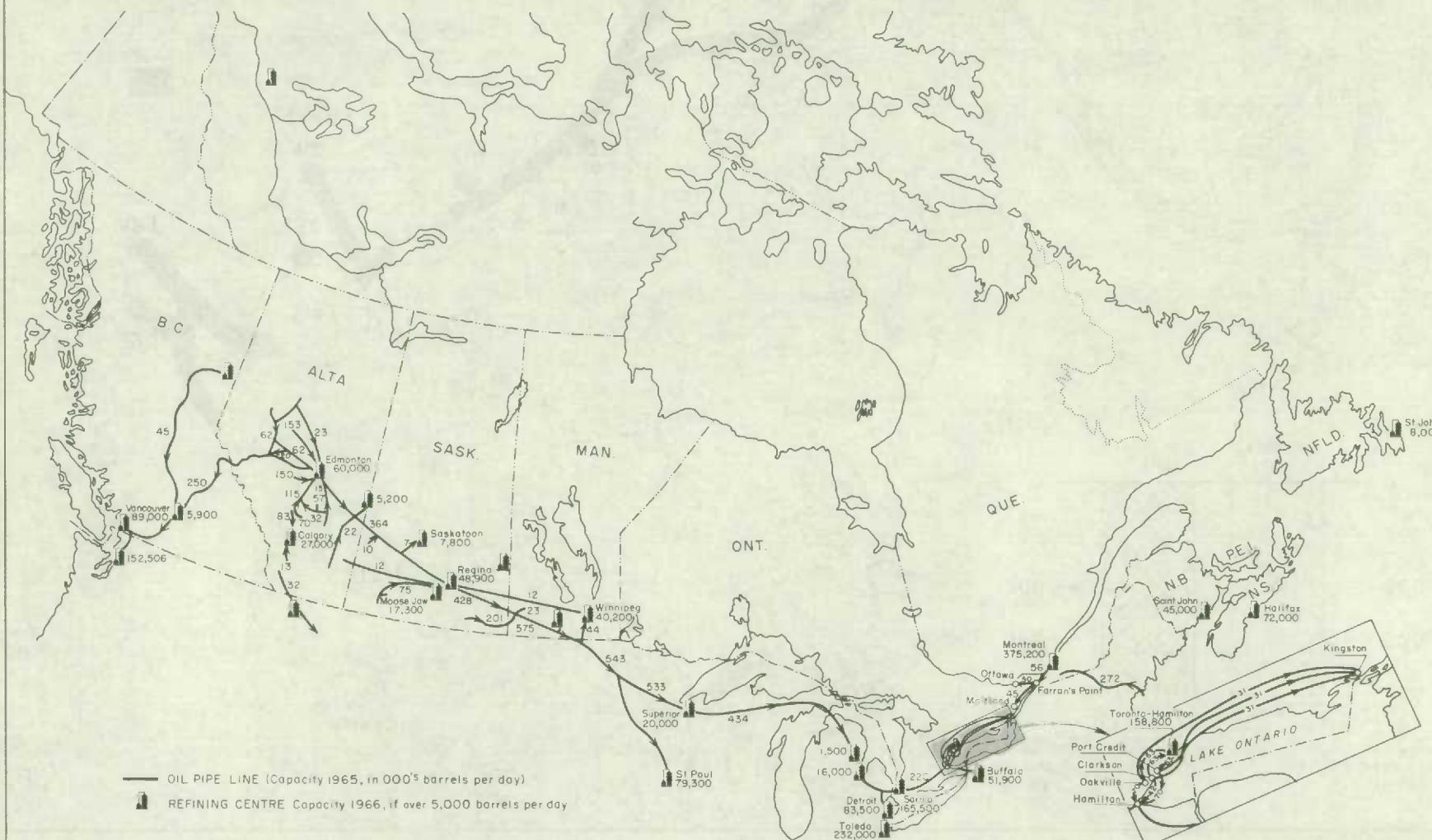
CHART - 3



DISTRIBUTION OF DOMESTIC AND IMPORTED CRUDE OIL, 1965



PIPE LINES AND REFINING CENTRES IN CANADA



STATISTICAL TABLES

TABLE I. Summary of Gathering and Trunk Pipe Line Movements, by Commodity Groups, by Month, Canada, 1965

No.		Total 1964	Total 1965	January	February	March
barrels						
Receipts						
Crude oil and equivalent:						
Net receipts:						
1	From fields	264,257,578	285,317,071	25,841,718	22,680,720	24,957,414
2	From other carriers	11,714,097	6,933,955	606,215	554,111	626,572
3	From processing plants	21,820,850	23,169,496	2,122,433	1,900,865	1,846,731
4	Imports	94,230,399	92,234,607	8,608,166	7,834,007	8,679,888
5	From other	-	-	-	-	-
6	Net receipts	392,022,924	407,655,129	37,178,532	32,969,703	36,110,605
7	Transfers	692,661,443	740,093,219	66,035,705	59,633,661	63,966,658
8	Gross receipts	1,084,684,367	1,147,748,348	103,214,237	92,603,364	100,077,263
Liquefied petroleum gases and refined petroleum products:						
9	From processing plants	5,988,417	9,657,444	752,513	776,221	819,568
10	From refineries and bulk plants	61,297,562	65,940,543	6,656,977	5,947,155	5,760,654
11	Imports	544,040	364,579	42,417	39,309	51,461
12	Net receipts	67,830,019	75,962,566	7,451,907	6,762,685	6,631,683
13	Transfers	26,907,156	38,166,223	3,713,567	3,343,649	2,851,148
14	Gross receipts	94,737,175	114,128,789	11,165,474	10,106,334	9,482,831
15	Net receipts – All commodities (6 + 12)	459,852,943	483,617,695	44,630,439	39,732,388	42,742,288
Disposition						
Crude oil and equivalent:						
Net deliveries:						
16	To refineries	289,482,132	296,695,450	27,625,621	24,661,500	26,018,750
17	To other carriers	679,367	600,244	68,653	60,330	33,220
18	To bulk plants and terminals	-	-	-	-	-
19	For export	101,532,615	107,651,950	8,973,737	8,429,507	9,371,219
20	To other	46,183	112,130	-	-	140
21	Net deliveries	391,740,297	405,059,774	36,668,011	33,151,337	35,420,978
22	Transfers	692,661,443	740,093,219	66,035,705	59,633,661	63,966,658
23	Gross deliveries	1,084,401,740	1,145,152,993	102,703,716	92,784,998	99,387,636
24	Pipe line fuel and use	354,923	325,327	38,120	33,128	24,495
25	Line losses and unaccounted for	128,724	276,132	3,626	23,232	16,707
26	Inventory changes	- 201,020	1,993,896	468,775	- 237,994	648,425
27	Other changes	-	-	-	-	-
28	Deliveries to other carriers, U.S.A.	-	-	-	-	-
29	Total disposition	1,084,684,367	1,147,748,348	103,214,237	92,603,364	100,077,263
Liquefied petroleum gases and refined petroleum products:						
30	To refineries	3,595,036	4,960,561	437,132	448,748	216,686
31	To other carriers	301,350	253,441	-	-	29,055
32	To bulk plants and terminals	59,165,763	65,771,328	6,607,135	6,044,787	5,916,540
33	For export	2,712,817	2,679,069	180,207	258,418	295,978
34	To other	1,740,900	2,202,986	152,616	191,534	169,023
35	Net deliveries	67,515,866	75,867,385	7,377,090	6,943,487	6,627,282
36	Transfers	26,907,156	38,166,223	3,713,567	3,343,649	2,851,148
37	Gross deliveries	94,423,022	114,033,608	11,090,657	10,287,136	9,478,430
38	Pipe line fuel	-	-	-	-	-
39	Losses and unaccounted for	137,488	75,156	5,712	- 13,898	- 19,107
40	Inventory changes	176,665	20,025	69,105	- 166,904	32,530
41	Other changes	-	-	-	-	-
42	Deliveries to other carriers, U.S.A.	-	-	-	-	-
43	Total disposition	94,737,175	114,128,789	11,165,474	10,106,334	9,482,831
44	Net deliveries – All commodities (21 + 35)	459,256,163	480,927,159	44,045,101	40,094,824	42,048,260

TABLE 1. Summary of Gathering and Trunk Pipe Line Movements, by Commodity Groups, by Month, Canada, 1965

April	May	June	July	August	September	October	November	December	No.
barrels									
22,608,321	21,883,289	21,983,334	23,269,123	25,890,018	25,468,631	23,256,256	22,946,456	24,531,791	1
345,470	514,510	546,855	619,777	683,356	636,916	735,126	546,572	518,475	2
1,917,188	1,757,955	1,724,688	1,865,437	1,890,897	1,748,853	2,004,580	2,178,894	2,210,975	3
8,021,355	7,807,482	7,508,925	7,805,629	6,339,363	5,672,731	5,705,828	8,711,052	9,540,681	4
—	—	—	—	—	—	—	—	—	5
32,892,334	31,963,236	31,763,802	33,559,966	34,803,634	33,527,131	31,701,290	34,382,974	36,801,922	6
61,144,265	57,659,468	57,441,082	59,018,568	65,443,516	63,408,475	60,055,789	61,428,473	64,857,559	7
94,036,599	89,622,704	89,204,884	92,578,534	100,247,150	96,935,606	91,757,079	95,811,447	101,659,481	8
690,334	647,746	729,806	722,226	798,253	802,339	939,004	934,560	1,044,874	9
5,375,497	4,570,162	4,783,627	5,023,419	4,850,858	4,587,394	5,457,649	5,870,595	7,056,556	10
31,276	35,153	40,467	36,775	40,204	20,967	—	—	26,550	11
6,097,107	5,253,061	5,553,900	5,782,420	5,689,315	5,410,700	6,396,653	6,805,155	8,127,980	12
2,822,378	2,528,313	2,810,372	3,024,225	3,411,171	2,890,996	3,345,636	3,558,655	3,866,113	13
8,919,485	7,781,374	8,364,272	8,806,645	9,100,486	8,301,696	9,742,289	10,363,810	11,994,093	14
38,989,441	37,216,297	37,317,702	39,342,386	40,492,949	38,937,831	38,097,943	41,188,129	44,929,902	15
23,909,407	23,680,546	23,602,351	25,135,448	24,804,271	23,372,463	21,467,887	25,431,868	26,987,738	16
57,197	67,003	60,652	38,416	39,629	38,893	56,929	38,726	40,547	17
—	—	—	—	—	—	—	—	—	18
8,582,485	8,413,619	8,571,715	8,894,091	9,403,882	9,345,388	9,093,684	9,499,335	9,073,288	19
—	—	211	13,476	19,512	21,094	19,199	18,696	19,802	20
32,549,089	32,161,168	32,234,929	34,081,431	34,267,294	32,777,838	30,637,699	34,988,625	36,121,375	21
61,144,265	57,659,468	57,441,082	59,018,568	65,443,516	63,408,475	60,055,789	61,428,473	64,857,559	22
93,693,334	89,820,636	89,676,011	93,099,999	99,710,810	96,186,313	90,693,488	96,417,098	100,978,934	23
25,145	24,454	20,427	16,281	28,200	39,024	25,222	21,872	28,959	24
14,245	— 21,528	24,786	— 35,689	44,965	23,927	19,072	25,242	137,547	25
303,855	— 200,858	— 516,340	— 502,057	463,175	686,342	1,019,297	— 652,765	514,041	26
—	—	—	—	—	—	—	—	—	27
—	—	—	—	—	—	—	—	—	28
94,036,599	89,622,704	89,204,884	92,578,534	100,247,150	96,935,606	91,757,079	95,811,447	101,659,481	29
287,890	349,543	463,998	365,974	606,761	492,407	349,382	458,732	483,306	30
26,918	24,406	28,019	31,858	28,766	22,327	16,051	21,758	24,283	31
5,325,310	4,518,756	4,703,773	4,817,358	4,747,943	4,681,808	5,390,124	5,941,857	7,075,937	32
146,578	158,480	191,184	188,558	212,270	172,481	268,140	302,924	303,851	33
216,350	163,176	156,327	170,273	165,862	175,511	244,760	171,268	226,286	34
6,003,046	5,214,361	5,543,301	5,574,021	5,761,602	5,544,534	6,268,457	6,896,539	8,113,665	35
2,822,378	2,528,313	2,810,372	3,024,225	3,411,171	2,890,996	3,345,636	3,558,655	3,866,113	36
8,823,424	7,742,674	8,353,673	8,598,246	9,172,773	8,435,530	9,614,093	10,455,194	11,979,778	37
—	—	—	—	—	—	—	—	—	38
823	7,023	2,898	4,038	21,995	5,518	28,732	34,046	— 2,624	39
93,238	31,677	7,701	204,361	— 94,282	— 139,352	99,464	— 125,430	16,939	40
—	—	—	—	—	—	—	—	—	41
—	—	—	—	—	—	—	—	—	42
8,919,485	7,781,374	8,364,272	8,806,645	9,100,486	8,301,696	9,742,289	10,363,810	11,994,093	43
38,552,135	37,375,529	37,778,230	39,655,452	40,028,896	38,322,372	36,906,156	41,885,164	44,235,040	44

**TABLE 2 Gathering and Trunk Pipe Line Movements of Crude Oil, Condensate and Pentanes Plus,
by Province, 1965**

	Total	British Columbia	Alberta	Saskatchewan	Manitoba ¹	Ontario	Quebec	Yukon
barrels								
Receipts								
Net receipts:								
From fields	285,317,071	13,525,622	184,106,769	83,057,994	4,626,686	—	—	—
From other carriers	6,933,955	38,392	4,159,844	2,211,433	524,286	—	—	—
From processing plants	23,169,496	483,806	22,685,690	—	—	—	—	—
Imports	92,234,607	—	—	—	—	—	92,234,607	—
From other	—	—	—	—	—	—	—	—
Net receipts	407,655,129	14,047,820	210,952,303	85,269,427	5,150,972	—	92,234,607	—
Transfers:								
From other provinces	458,134,031	67,555,531	—	104,107,044	168,236,056	118,235,400	—	—
From other pipe lines	281,959,188	11,834,602	167,341,771	31,721,866	71,060,949	—	—	—
Gross receipts	1,147,748,348	93,437,953	378,294,074	221,098,337	244,447,977	118,235,400	92,234,607	—
Disposition								
Net deliveries:								
To refineries	296,695,450	29,045,641	32,555,076	20,729,701	14,253,853	108,079,525	92,031,654	—
To other carriers	600,244	2,340	313,925	283,979	—	—	—	—
To bulk plants and terminals	—	—	—	—	—	—	—	—
For export	107,651,950	52,056,393	4,686,014	—	41,229,378	9,680,165	—	—
To other	112,130	408	111,722	—	—	—	—	—
Net deliveries	403,059,774	81,104,782	37,666,737	21,013,680	55,483,231	117,759,690	92,031,654	—
Transfers:								
To other provinces	458,134,031	—	171,662,575	168,236,056	118,235,400	—	—	—
To other pipe lines	281,959,188	11,834,602	167,341,771	31,721,866	71,060,949	—	—	—
Gross deliveries	1,145,152,993	92,939,384	376,671,083	220,971,602	244,779,580	117,759,690	92,031,654	—
Pipe line fuel and use	325,327	—	320,005	—	5,322	—	—	—
Line losses and unaccounted for	276,132	31,242	170,875	— 6,671	68,177	—	12,509	—
Inventory changes	1,993,896	467,327	1,132,111	133,406	— 405,102	475,710	190,444	—
Other changes	—	—	—	—	—	—	—	—
Deliveries to other carriers, U.S.A. ²	—	—	—	—	—	—	—	—
Total disposition	1,147,748,348	93,437,953	378,294,074	221,098,337	244,447,977	118,235,400	92,234,607	—

¹ Includes movements in the United States.

² Delivered for re-entry into Canada.

TABLE 2 A. Monthly Gathering and Trunk Pipe Line Movements of Crude Oil, Condensate and Pentanes Plus,
by Province, 1965

	Total	British Columbia	Alberta	Saskat-chewan	Manitoba ¹	Ontario	Quebec	Yukon
January								
barrels								
Receipts								
Net receipts:								
From fields	25,841,713	1,016,090	17,767,936	6,682,994	374,698	—	—	—
From other carriers	606,215	2,368	362,604	189,871	51,372	—	—	—
From processing plants	2,122,433	50,160	2,072,273	—	—	—	—	—
Imports	8,608,166	—	—	—	—	—	8,608,166	—
From other	—	—	—	—	—	—	—	—
Net receipts	37,178,532	1,068,618	20,202,813	6,872,865	426,070	—	8,608,166	—
Transfers:								
From other provinces	41,215,035	6,265,515	—	9,664,318	14,594,932	10,690,270	—	—
From other pipe lines	24,820,670	782,703	15,577,118	2,563,354	5,897,495	—	—	—
Gross receipts	103,214,237	8,116,836	35,779,931	19,100,537	20,918,497	10,690,270	8,608,166	—
Disposition								
Net deliveries:								
To refineries	27,625,621	3,056,992	2,937,570	1,882,190	1,297,364	9,845,242	8,606,263	—
To other carriers	68,653	640	47,944	20,069	—	—	—	—
To bulk plants and terminals	—	—	—	—	—	—	—	—
For export	8,973,737	4,234,238	409,796	—	3,491,140	838,563	—	—
To other	—	—	—	—	—	—	—	—
Net deliveries	36,668,011	7,291,870	3,395,310	1,902,259	4,788,504	10,683,805	8,606,263	—
Transfers:								
To other provinces	41,215,035	—	15,929,833	14,594,932	10,690,270	—	—	—
To other pipe lines	24,820,670	782,703	15,577,118	2,563,354	5,897,495	—	—	—
Gross deliveries	102,703,716	8,074,573	34,902,261	19,060,545	21,376,269	10,683,805	8,606,263	—
Pipe line fuel and use	38,120	—	38,136	—	— 16	—	—	—
Line losses and unaccounted for	3,626	— 5,071	36,508	— 16,174	— 14,761	—	3,124	—
Inventory changes	468,775	47,334	803,026	56,166	— 442,995	6,465	— 1,221	—
Other changes	—	—	—	—	—	—	—	—
Deliveries to other carriers, U.S.A. ²	—	—	—	—	—	—	—	—
Total disposition	103,214,237	8,116,836	35,779,931	19,100,537	20,918,497	10,690,270	8,608,166	—
February								
barrels								
Receipts								
Net receipts:								
From fields	22,680,720	898,043	15,430,444	6,020,746	331,487	—	—	—
From other carriers	554,111	2,122	341,863	167,374	42,752	—	—	—
From processing plants	1,900,865	60,428	1,840,437	—	—	—	—	—
Imports	7,834,007	—	—	—	—	—	7,834,007	—
From other	—	—	—	—	—	—	—	—
Net receipts	32,969,703	960,593	17,612,744	6,188,120	374,239	—	7,834,007	—
Transfers:								
From other provinces	37,177,705	5,464,692	—	9,006,099	13,391,323	9,315,591	—	—
From other pipelines	22,455,956	751,052	13,959,250	2,428,329	5,317,325	—	—	—
Gross receipts	92,603,364	7,176,337	31,571,994	17,622,548	19,082,887	9,315,591	7,834,007	—
Disposition								
Net deliveries:								
To refineries	24,661,500	2,722,204	2,610,559	1,780,015	1,212,686	8,504,021	7,832,015	—
To other carriers	60,330	1,332	39,357	19,641	—	—	—	—
To bulk plants and terminals	—	—	—	—	—	—	—	—
For export	8,429,507	3,813,634	373,798	—	3,484,650	757,425	—	—
To other	—	—	—	—	—	—	—	—
Net deliveries	33,151,337	6,537,170	3,023,714	1,799,656	4,697,336	9,261,446	7,832,015	—
Transfers:								
To other provinces	37,177,705	—	14,470,791	13,391,323	9,315,591	—	—	—
To other pipe lines	22,455,956	751,052	13,959,250	2,428,329	5,317,325	—	—	—
Gross deliveries	92,784,998	7,288,222	31,453,755	17,619,308	19,330,252	9,261,446	7,832,015	—
Pipe line fuel and use	33,128	—	33,128	—	—	—	—	—
Line losses and unaccounted for	23,232	8,448	701	16,155	— 4,247	—	2,175	—
Inventory changes	— 237,994	— 120,333	84,410	— 12,915	— 243,118	54,145	— 183	—
Other changes	—	—	—	—	—	—	—	—
Deliveries to other carriers, U.S.A. ²	—	—	—	—	—	—	—	—
Total disposition	92,603,364	7,176,337	31,571,994	17,622,548	19,082,887	9,315,591	7,834,007	—

See footnotes at end of table.

**TABLE 2 A. Monthly Gathering and Trunk Pipe Line Movements of Crude Oil, Condensate and Pentanes Plus,
by Province, 1965 — Continued**

	Total	British Columbia	Alberta	Saskatchewan	Manitoba ¹	Ontario	Quebec	Yukon
March								
barrels								
Receipts								
Net receipts:								
From fields	24,957,414	1,055,313	16,623,247	6,899,962	378,892	—	—	—
From other carriers	626,572	3,363	360,700	207,158	55,351	—	—	—
From processing plants	1,846,731	50,364	1,796,367	—	—	—	—	—
Imports	8,679,888	—	—	—	—	8,679,888	—	—
From other	—	—	—	—	—	—	—	—
Net receipts	36,110,605	1,109,040	18,780,314	7,107,120	434,243	—	8,679,888	—
Transfers:								
To other provinces	39,766,408	6,183,231	—	9,277,286	14,614,849	9,691,042	—	—
To other pipe lines	24,200,250	852,103	14,695,622	2,582,197	6,070,328	—	—	—
Gross receipts	100,077,263	8,144,374	33,475,936	18,966,603	21,119,420	9,691,042	8,679,888	—
Disposition								
Net deliveries:								
To refineries	26,016,350	2,579,576	2,771,258	1,728,387	1,345,661	8,914,339	8,677,129	—
To other carriers	33,269	368	12,081	20,820	—	—	—	—
To bulk plants and terminals	—	—	—	—	—	—	—	—
For export	9,371,219	4,578,646	441,622	—	3,522,318	828,633	—	—
To other	140	50	90	—	—	—	—	—
Net deliveries	35,420,978	7,158,640	3,225,051	1,749,207	4,867,979	9,742,972	8,677,129	—
Transfers:								
To other provinces	39,766,408	—	15,460,517	14,614,849	9,691,042	—	—	—
To other pipe lines	24,200,250	852,103	14,695,622	2,582,197	6,070,328	—	—	—
Gross deliveries	99,387,636	8,010,743	33,381,190	18,946,253	20,629,349	9,742,972	8,677,129	—
Pipe line fuel and use	24,495	—	24,495	—	—	—	—	—
Line losses and unaccounted for	16,707	4,386	6,465	16,262	- 12,936	—	2,530	—
Inventory changes	648,425	129,245	63,786	4,088	503,007	- 51,930	229	—
Other changes	—	—	—	—	—	—	—	—
Deliveries to other carriers, U.S.A. ²	—	—	—	—	—	—	—	—
Total disposition	100,077,263	8,144,374	33,475,936	18,966,603	21,119,420	9,691,042	8,679,888	—
April								
barrels								
Receipts								
Net receipts:								
From fields	22,608,321	1,072,814	14,596,485	6,574,333	364,689	—	—	—
From other carriers	345,470	625	194,497	117,776	32,572	—	—	—
From processing plants	1,917,188	60,349	1,856,839	—	—	—	—	—
Imports	8,021,355	—	—	—	—	—	8,021,355	—
From other	—	—	—	—	—	—	—	—
Net receipts	32,892,334	1,133,788	16,647,821	6,692,109	397,261	—	8,021,355	—
Transfers:								
To other provinces	37,696,508	5,485,788	—	8,535,299	13,985,114	9,690,307	—	—
To other pipe lines	23,447,757	890,153	14,318,590	2,475,569	5,763,445	—	—	—
Gross receipts	94,036,599	7,509,729	30,966,411	17,702,977	20,145,820	9,690,307	8,021,355	—
Disposition								
Net deliveries:								
To refineries	23,909,407	2,450,902	2,137,599	1,248,526	1,183,482	8,869,209	8,019,689	—
To other carriers	57,197	—	32,435	24,762	—	—	—	—
To bulk plants and terminals	—	—	—	—	—	—	—	—
For export	8,582,485	4,138,302	396,580	—	3,317,177	730,426	—	—
To other	—	—	—	—	—	—	—	—
Net deliveries	32,549,089	6,589,204	2,566,614	1,273,288	4,500,659	9,599,635	8,019,689	—
Transfers:								
To other provinces	37,696,508	—	14,021,087	13,985,114	9,690,307	—	—	—
To other pipe lines	23,447,757	890,153	14,318,590	2,475,569	5,763,445	—	—	—
Gross deliveries	93,693,354	7,479,357	30,906,291	17,733,971	19,954,411	9,599,635	8,019,689	—
Pipe line fuel and use	25,145	—	25,145	—	—	—	—	—
Line losses and unaccounted for	14,245	- 1,750	8,238	6,422	- 163	—	1,498	—
Inventory changes	303,855	32,122	26,737	- 37,416	191,572	90,672	168	—
Other changes	—	—	—	—	—	—	—	—
Deliveries to other carriers, U.S.A. ²	—	—	—	—	—	—	—	—
Total disposition	94,036,599	7,509,729	30,966,411	17,702,977	20,145,820	9,690,307	8,021,355	—

See footnotes at end of table.

TABLE 2 A. Monthly Gathering and Trunk Pipe Line Movements of Crude Oil, Condensate and Pentanes Plus,
by Province, 1965 — Continued

	Total	British Columbia	Alberta	Saskat-chewan	Manitoba ¹	Ontario	Quebec	Yukon
May								
barrels								
Receipts								
Net receipts:								
From fields	21,883,289	1,090,879	13,503,400	6,901,439	387,571	—	—	—
From other carriers	514,510	2,896	311,347	164,694	35,573	—	—	—
From processing plants	1,757,955	31,211	1,726,744	—	—	—	—	—
Imports	7,807,482	—	—	—	—	—	7,807,482	—
From other	—	—	—	—	—	—	—	—
Net receipts	31,963,236	1,124,986	15,541,491	7,066,133	423,144	—	7,807,482	—
Transfers:								
From other provinces	35,465,592	5,148,927	—	7,595,413	13,162,784	9,558,468	—	—
From other pipe lines	22,193,876	946,828	12,825,777	2,490,677	5,930,594	—	—	—
Gross receipts	89,622,704	7,220,741	28,367,268	17,152,223	19,516,522	9,558,468	7,807,482	—
Disposition								
Net deliveries:								
To refineries	23,680,546	1,892,232	2,572,363	1,458,945	1,184,009	8,765,195	7,807,802	—
To other carriers	67,003	—	42,755	24,248	—	—	—	—
To bulk plants and terminals	—	—	—	—	—	—	—	—
For export	8,413,619	4,453,852	371,815	—	2,849,474	738,478	—	—
To other	—	—	—	—	—	—	—	—
Net deliveries	32,161,168	6,346,084	2,986,933	1,483,193	4,033,483	9,503,673	7,807,802	—
Transfers:								
To other provinces	35,465,592	—	12,744,340	13,162,784	9,558,468	—	—	—
To other pipe lines	22,193,876	946,828	12,825,777	2,490,677	5,930,594	—	—	—
Gross deliveries	89,820,636	7,292,912	28,557,050	17,136,654	19,522,545	9,503,673	7,807,802	—
Pipe line fuel and use	24,454	—	24,454	—	—	—	—	—
Line losses and unaccounted for	— 21,528	20	— 17,156	— 3,317	— 1,432	—	357	—
Inventory changes	— 200,858	— 72,191	— 197,080	18,886	— 4,591	54,795	— 677	—
Other changes	—	—	—	—	—	—	—	—
Deliveries to other carriers, U.S.A. ²	—	—	—	—	—	—	—	—
Total disposition	89,622,704	7,220,741	28,367,268	17,152,223	19,516,522	9,558,468	7,807,482	—
June								
barrels								
Receipts								
Net receipts:								
From fields	21,983,334	1,096,748	13,766,573	6,728,814	391,199	—	—	—
From other carriers	546,855	2,958	303,832	190,413	49,652	—	—	—
From processing plants	1,724,688	30,037	1,694,651	—	—	—	—	—
Imports	7,508,925	—	—	—	—	—	7,508,925	—
From other	—	—	—	—	—	—	—	—
Net receipts	31,763,802	1,129,743	15,765,056	6,919,227	440,851	—	7,508,925	—
Transfers:								
From other provinces	35,493,671	5,874,452	—	7,830,859	12,986,521	8,801,839	—	—
From other pipe lines	21,947,411	943,614	12,642,183	2,586,348	5,775,266	—	—	—
Gross receipts	89,676,011	7,947,809	28,407,239	17,336,434	18,636,715	8,801,839	7,508,925	—
Disposition								
Net deliveries:								
To refineries	23,602,351	2,291,468	2,619,637	1,778,053	1,147,321	8,256,647	7,509,225	—
To other carriers	60,652	—	34,582	26,070	—	—	—	—
To bulk plants and terminals	—	—	—	—	—	—	—	—
For export	8,571,715	4,674,084	410,473	—	2,912,289	574,869	—	—
To other	211	—	211	—	—	—	—	—
Net deliveries	32,234,929	6,965,552	3,064,903	1,804,123	4,059,610	8,831,516	7,509,225	—
Transfers:								
To other provinces	35,493,671	—	13,705,311	12,986,521	8,801,839	—	—	—
To other pipe lines	21,947,411	943,614	12,642,183	2,586,348	5,775,266	—	—	—
Gross deliveries	89,676,011	7,947,809	28,407,239	17,336,434	18,636,715	8,801,839	7,509,225	—
Pipe line fuel and use	20,427	—	20,427	—	—	—	—	—
Line losses and unaccounted for	24,786	— 10,275	44,518	— 7,473	— 1,903	—	81	—
Inventory changes	— 516,340	48,918	— 1,070,103	— 33,085	567,826	— 29,677	— 219	—
Other changes	—	—	—	—	—	—	—	—
Deliveries to other carriers, U.S.A. ²	—	—	—	—	—	—	—	—
Total disposition	89,676,011	7,947,809	28,407,239	17,336,434	18,636,715	8,801,839	7,508,925	—

See footnotes at end of table.

**TABLE 3. Trunk Pipe Line Movements of Liquefied Petroleum Gases and Refined Petroleum Products,
by Province, 1965**

	Total	British Columbia	Alberta	Saskatchewan	Manitoba	Ontario	Quebec	Yukon
barrels								
Receipts								
Net receipts:								
From processing plants	9,657,444	117,211	9,346,047	194,186	—	—	—	—
From refineries and bulk plants	65,940,543	836,265	2,862,136	1,171,789	—	50,679,516	10,390,837	—
Imports	364,579	364,579	—	—	—	—	—	—
Net receipts	75,962,566	1,318,055	12,208,183	1,365,975	—	50,679,516	10,390,837	—
Transfers:								
From other provinces	32,045,923	2,043,293	—	7,218,305	7,605,941	14,813,805	—	364,579
From other pipe lines	6,120,300	—	6,120,300	—	—	—	—	—
Gross receipts	114,128,789	3,361,348	18,328,483	8,584,280	7,605,941	65,493,321	10,390,837	364,579
Disposition								
Net deliveries:								
To refineries	4,960,561	89,248	448,345	—	—	4,422,968	—	—
To other carriers	253,441	—	253,441	—	—	—	—	—
To bulk plants and terminals	65,771,328	953,476	—	978,339	3,172,593	60,367,530	—	299,390
For export	2,679,069	1,896,597	135,298	—	11,138	636,036	—	—
To other	2,202,986	—	2,145,530	—	1,440	56,016	—	—
Net deliveries	75,867,385	2,939,321	2,982,614	978,339	3,185,171	65,482,550	—	299,390
Transfers:								
To other provinces	32,045,923	364,579	9,261,598	7,605,941	4,422,968	—	10,390,837	—
To other pipe lines	6,120,300	—	6,120,300	—	—	—	—	—
Gross deliveries	114,033,608	3,303,900	18,364,512	8,584,280	7,608,139	65,482,550	10,390,837	299,390
Pipe line fuel and use	—	—	—	—	—	—	—	—
Line losses and unaccounted for	75,156	80	— 23,319	—	14,795	16,986	—	66,614
Inventory changes	20,025	57,368	— 12,710	—	— 16,993	— 6,215	—	— 1,425
Other changes	—	—	—	—	—	—	—	—
Deliveries to other carriers, U.S.A.	—	—	—	—	—	—	—	—
Total disposition	114,128,789	3,361,348	18,328,483	8,584,280	7,605,941	65,493,321	10,390,837	364,579

**TABLE 3A. Monthly Trunk Pipe Line Movements of Liquefied Petroleum Gases and Refined Petroleum Products,
by Province, 1965**

	Total	British Columbia	Alberta	Saskatchewan	Manitoba	Ontario	Quebec	Yukon
January								
barrels								
Receipts								
Net receipts:								
From processing plants	752,513	1,771	750,742	—	—	4,943,851	1,269,639	—
From refineries and bulk plants	6,656,977	83,120	279,855	80,512	—	—	—	—
Imports	42,417	42,417	—	—	—	—	—	—
Net receipts.....	7,451,907	127,308	1,030,597	80,512	—	4,943,851	1,269,639	—
Transfers:								
From other provinces	3,157,592	144,940	—	672,139	666,000	1,632,096	—	42,417
From other pipe lines	555,975	—	555,975	—	—	—	—	—
Gross receipts	11,165,474	272,248	1,586,572	752,651	666,000	6,575,947	1,269,639	42,417
Disposition								
Net deliveries:								
To refineries	437,132	29,324	45,351	—	—	362,457	—	—
To other carriers	—	—	—	—	—	—	—	—
To bulk plants and terminals	6,607,135	84,891	—	86,651	266,371	6,122,789	—	46,433
For export	180,207	100,651	12,509	—	5,254	61,793	—	—
To other	152,616	—	152,616	—	—	—	—	—
Net deliveries	7,377,090	214,866	210,476	86,651	271,625	6,547,039	—	46,433
Transfers:								
To other provinces	3,157,592	42,417	817,079	666,000	362,457	—	1,269,639	—
To other pipe lines	555,975	—	555,975	—	—	—	—	—
Gross deliveries	11,090,657	257,283	1,583,530	752,651	634,082	6,547,039	1,269,639	46,433
Pipe line fuel and use	—	—	—	—	—	—	—	—
Line losses and unaccounted for	5,712	—	— 2,804	—	770	3,454	—	4,291
Inventory changes	69,105	14,965	5,846	—	31,148	25,454	—	— 5,306
Other changes	—	—	—	—	—	—	—	—
Deliveries to other carriers, U.S.A.	—	—	—	—	—	—	—	—
Total disposition	11,165,474	272,248	1,586,572	752,651	666,000	6,575,947	1,269,639	42,417
February								
barrels								
Receipts								
Net receipts:								
From processing plants	776,221	3,064	773,157	—	—	4,553,594	1,081,815	—
From refineries and bulk plants	5,947,155	99,117	212,629	—	—	—	—	—
Imports	39,309	39,309	—	—	—	—	—	—
Net receipts	6,762,685	141,490	985,786	—	—	4,553,594	1,081,815	—
Transfers:								
From other provinces	2,788,622	226,060	—	551,905	483,892	1,487,456	—	39,309
From other pipe lines	555,027	—	555,027	—	—	—	—	—
Gross receipts	10,106,334	367,550	1,540,813	551,905	483,892	6,041,050	1,081,815	39,309
Disposition								
Net deliveries:								
To refineries	448,748	13,460	29,647	—	—	405,641	—	—
To other carriers	—	—	—	—	—	—	—	—
To bulk plants and terminals	6,044,787	102,181	—	68,013	252,593	5,583,165	—	38,835
For export	258,418	184,500	11,488	—	4,443	57,987	—	—
To other	191,534	—	191,534	—	—	—	—	—
Net deliveries	6,943,487	300,141	232,669	68,013	257,036	6,046,793	—	38,835
Transfers:								
To other provinces	2,788,622	39,309	777,965	483,892	405,641	—	1,081,815	—
To other pipe lines	555,027	—	555,027	—	—	—	—	—
Gross deliveries	10,287,136	339,450	1,563,661	551,905	662,677	6,046,793	1,081,815	38,835
Pipe line fuel and use	—	—	—	—	—	—	—	—
Line losses and unaccounted for	— 13,898	—	— 15,143	—	794	451	—	—
Inventory changes	— 166,904	28,100	— 9,705	—	— 179,579	— 6,194	—	— 574
Other changes	—	—	—	—	—	—	—	—
Deliveries to other carriers, U.S.A.	—	—	—	—	—	—	—	—
Total disposition	10,106,334	367,550	1,540,813	551,905	483,892	6,041,050	1,081,815	39,309

TABLE 3A. Monthly Trunk Pipe Line Movements of Liquefied Petroleum Gases and Refined Petroleum Products,
by Province, 1965 - Continued

	Total	British Columbia	Alberta	Saskat-chewan	Manitoba	Ontario	Quebec	Yukon
July								
barrels								
Receipts								
Net receipts:								
From processing plants.....	722,226	17,672	697,864	6,690	-	-	-	-
From refineries and bulk plants.....	5,023,419	67,391	276,993	180,227	-	3,783,608	715,200	-
Imports.....	36,775	36,775	-	-	-	-	-	-
Net receipts	5,782,420	121,838	974,857	186,917	-	3,783,608	715,200	-
Transfers:								
From other provinces.....	2,500,144	144,401	-	576,783	697,975	1,044,210	-	36,775
From other pipe lines.....	524,081	-	524,081	-	-	-	-	-
Gross receipts	8,806,645	266,239	1,498,938	763,700	697,975	4,827,818	715,200	36,775
Disposition								
Net deliveries:								
To refineries.....	365,974	-	36,964	-	-	329,010	-	-
To other carriers.....	31,858	-	31,858	-	-	-	-	-
To bulk plants and terminals.....	4,817,358	85,063	-	65,725	208,048	4,438,856	-	19,666
For export.....	188,558	136,263	9,290	-	-	43,005	-	-
To other.....	170,273	-	170,273	-	-	-	-	-
Net deliveries	5,574,021	221,326	248,385	65,725	208,048	4,810,871	-	19,666
Transfers:								
To other provinces.....	2,500,144	36,775	721,184	697,975	329,010	-	715,200	-
To other pipe lines.....	524,081	-	524,081	-	-	-	-	-
Gross deliveries	8,598,246	258,101	1,493,650	763,700	537,058	4,810,871	715,200	19,666
Pipe line fuel and use.....	-	-	-	-	-	-	-	-
Line losses and unaccounted for.....	4,038	-	1,778	-	650	1,682	-	72
Inventory changes.....	204,361	8,138	3,510	-	160,267	15,265	-	17,181
Other changes.....	-	-	-	-	-	-	-	-
Deliveries to other carriers, U.S.A.	-	-	-	-	-	-	-	-
Total disposition	8,806,645	266,239	1,498,938	763,700	697,975	4,827,818	715,200	36,775
August								
barrels								
Receipts								
Net receipts:								
From processing plants.....	798,253	17,756	764,190	16,307	-	-	-	-
From refineries and bulk plants.....	4,850,858	73,048	277,070	163,623	-	3,710,612	626,505	-
Imports.....	40,204	40,204	-	-	-	-	-	-
Net receipts	5,689,315	131,008	1,041,260	179,930	-	3,710,612	626,505	-
Transfers:								
From other provinces.....	2,847,110	173,991	-	665,302	763,090	1,204,523	-	40,204
From other pipe lines.....	564,061	-	564,061	-	-	-	-	-
Gross receipts	9,100,486	304,999	1,605,321	845,232	763,090	4,915,135	626,505	40,204
Disposition								
Net deliveries:								
To refineries.....	606,761	3,133	25,610	-	-	578,018	-	-
To other carriers.....	28,766	-	28,766	-	-	-	-	-
To bulk plants and terminals.....	4,747,943	90,804	-	82,142	247,173	4,305,434	-	22,390
For export.....	212,270	168,044	13,019	-	-	31,207	-	-
To other.....	165,862	-	165,862	-	-	-	-	-
Net deliveries	5,761,602	261,981	233,257	82,142	247,173	4,914,659	-	22,390
Transfers:								
To other provinces.....	2,847,110	40,204	839,293	763,090	578,018	-	626,505	-
To other pipe lines.....	564,061	-	564,061	-	-	-	-	-
Gross deliveries	9,172,773	302,185	1,636,611	845,232	825,191	4,914,659	626,505	22,390
Pipe line fuel and use.....	-	-	-	-	-	-	-	-
Line losses and unaccounted for.....	21,995	-	13,352	-	2,906	6,855	-	118
Inventory changes.....	- 94,282	2,814	- 44,642	-	- 65,007	- 5,379	-	17,932
Other changes.....	-	-	-	-	-	-	-	-
Deliveries to other carriers, U.S.A.	-	-	-	-	-	-	-	-
Total disposition	9,100,486	304,999	1,605,321	845,232	763,090	4,914,659	626,505	40,204

TABLE 7. Pumping Stations on Trunk Lines by Company and Rated Horsepower, as at December 31, 1965

No.	Company	Rated horsepower					
		Under 200	200- 500	501- 1,000	1,001- 1,500	1,501- 2,000	2,001- 2,500
1	Anglo-Canadian Oils Limited	—	—	—	—	—	—
2	B-A Saskatchewan Pipe Line Limited	—	1	—	—	—	—
3	Bow River Pipe Line Ltd.	—	4	—	—	—	—
4	Britamoil Pipe Line Company Limited	1	—	—	—	1	—
5	British Columbia Oil Transmission Company Limited	—	—	1	—	—	—
6	Canadian Industrial Gas and Oil Ltd.	—	1	—	—	—	—
7	Federated Pipe Lines Ltd.	—	—	1	—	—	1
8	Green River Exploration Company Limited	1	—	—	—	—	—
	Hudson's Bay Oil and Gas Company Limited:						
9	Rangeland Pipe Line Division	—	—	2	—	—	—
10	Husky Pipeline Ltd.	1	1	2	—	—	—
	Imperial Oil Enterprises Limited:						
11	Sarnia Products Pipe Line	—	—	3	—	—	—
12	Interprovincial Pipe Line Company	—	2	—	I	—	—
13	Montreal Pipe Line Company Limited	—	—	—	—	—	—
	Pamoil Limited:						
14	Edmonton Pipe Line Division	—	—	—	—	—	—
15	Peace River Oil Pipe Line Co. Ltd.	2	1	1	1	—	4
16	Pembina Pipe Line Ltd.	—	2	—	1	—	—
17	Petroleum Transmission Company	—	4	1	—	—	—
18	Rimbey Pipe Line Co. Ltd.	—	—	1	—	—	—
	Royalite Oil Company Limited:						
19	Mid-Saskatchewan Pipe Line Dept.	1	—	—	—	—	—
20	Valley Pipe Line Dept.	3	—	—	—	—	—
21	Saskatoon Pipe Line Company Limited	—	—	1	—	—	—
22	South Saskatchewan Pipe Line Company	—	—	—	—	1	1
23	Sun-Canadian Pipe Line Company Limited	—	—	3	1	—	—
	Texaco Exploration Company:						
24	Pipe Line Dept.	1	3	—	1	—	—
25	Trans Mountain Oil Pipe Line Company	—	—	—	—	—	—
26	Trans-Northern Pipe Line Company ¹	—	1	1	3	1	—
27	Western Pacific Products and Crude Oil Pipelines Ltd.	—	—	—	6	—	—
28	Westspur Pipe Line Company	1	—	—	—	1	—
29	Winnipeg Pipe Line Company Limited	—	—	1	1	—	—
30	Yukon Pipelines Limited	1	—	—	—	—	—
31	Canada, 1965	12	20	18	15	4	3
32	Canada, 1964	15	15	23	16	5	1

¹ Five pumping stations temporarily out of service.

TABLE 7. Pumping Stations on Trunk Lines by Company and Rated Horsepower, as at December 31, 1965

Rated horsepower											No.
2,501- 3,000	3,001- 4,000	4,001- 5,000	5,001- 6,000	6,001- 8,000	8,001- 10,000	Over 10,000	Total Stations	Horsepower 1965	Horsepower 1964		
-	-	-	-	-	-	-	-	-	-	100	1
-	-	-	-	-	-	-	1	375	375	375	2
-	-	-	-	-	-	-	4	1,050	800	800	3
-	-	-	-	1	-	-	3	9,025	3,025	3,025	4
-	-	-	-	-	-	-	1	578	578	578	5
-	-	-	-	-	-	-	1	200	-	-	6
-	-	-	-	-	-	-	2	3,100	2,400	2,400	7
-	-	-	-	-	-	-	1	180	180	180	8
-	-	-	-	-	-	-	2	1,700	1,700	1,700	9
-	-	-	-	-	-	-	4	1,850	2,400	2,400	10
2	-	-	-	-	-	-	5	8,100	8,100	8,100	11
-	-	1	3	2	3	6	18	143,420	128,420	128,420	12
-	1	-	-	-	-	-	1	3,690	11,415	11,415	13
-	-	-	-	-	-	-	-	-	-	395	14
-	-	-	-	-	-	-	6	4,750	3,750	3,750	15
-	-	1	-	-	-	-	4	6,000	6,000	6,000	16
-	-	-	-	-	-	-	5	2,350	1,350	1,350	17
-	-	-	-	-	-	-	1	800	800	800	18
-	-	-	-	-	-	-	1	140	140	140	19
-	-	-	-	-	-	-	3	155	155	155	20
-	-	-	-	-	-	-	1	600	600	600	21
-	-	-	-	-	-	-	2	4,125	4,125	4,125	22
-	-	-	-	-	-	-	4	3,500	3,500	3,500	23
-	-	-	-	-	-	-	5	2,300	2,300	2,300	24
-	2	2	2	2	4	-	10	61,000	61,000	61,000	25
1	-	-	-	-	-	-	7	9,650	9,650	9,650	26
-	-	-	-	-	-	-	6	7,800	7,800	7,800	27
-	1	1	-	-	-	-	4	10,115	10,160	10,160	28
-	-	-	-	-	-	-	2	2,400	1,800	1,800	29
-	-	-	-	-	-	-	1	132	132	132	30
3	4	5	5	7	3	6	105	289,085	-	31	
3	3	5	4	7	3	6	106	-	273,150	32	

TABLE 8. Number of Pumping Stations, Prime Movers and Pumps, Trunk Lines, by Province as at December 31, 1965

Province	Pumping stations				Prime movers				Horse-power	Pumps			
	Station control		Total	Fuel	Electric	Other	Total			Recipro-cating	Centri-fugal	Total	
	Remote	Other											
number													
Yukon.....	—	1	1	1	—	—	1	132	1	—	—	1	
British Columbia.....	3	9	12	24	3	—	27	36,878	2	25	25	27	
Alberta.....	18	27	45	28	93	6	127	85,960	59	66	66	125	
Saskatchewan.....	3	13	16	39	78	—	117	60,726	37	75	75	112	
Manitoba.....	4	4	8	23	24	—	47	62,640	4	47	47	51	
Ontario.....	12	8	20	2	37	—	39	40,280	—	39	39	39	
Quebec.....	—	2	2	—	9	—	9	6,590	—	9	9	9	
Canada.....	40	64	104	117	244	6	367	293,206	103	261	261	364	

TABLE 9. Comparative Statement of Assets, Liabilities and Net Worth of Oil Pipe Line Transport Industry as at December 31, 1965 and 1964

	1965			1964
	Interprovincial companies	Intraprovincial companies	Total	Total
				dollars
Assets				
Current assets:				
Cash on hand, in banks and temporary cash investments:				
(a) Canadian currency:				
Cash on hand and in chartered banks, including term deposits.....	1,397,472	6,193,044	7,590,516	1,638,693
Cash in other institutions, including guaranteed investment certificates.....	—	—	—	1,608,874
(b) Foreign currency and temporary foreign cash investment.....	775,044	311,759	1,086,803	2,117,997
(c) Short term notes of finance companies and other unaffiliated Canadian companies.....	4,736,201	550,000	5,286,201	6,632,122
(d) Government of Canada Treasury bills.....	996,018	553,120	1,549,138	1,173,436
(e) Other Government of Canada direct and guaranteed debt.....	3,930,801	1,088,272	5,019,073	7,139,048
(f) Provincial and municipal direct and guaranteed debt and Canadian corporate and institutional issues.....	1,858,978	15,000	1,873,978	2,893,224
(g) Other short term Canadian investments.....	150,000	286,304	436,304	1,187,331
Special deposits:				
(a) Canadian currency.....	308,771	86,125	394,896	904,721
(b) Foreign.....	288,482	918,720	1,207,202	1,265,713
Accounts receivable less provision for doubtful accounts.....	14,810,887	5,586,527	20,397,414	20,839,548
Interest and dividends receivable.....	7,989,438	191,196	8,180,634	748,231
Materials, supplies, and allowance oil inventories.....	2,037,242	1,377,357	3,414,599	3,442,166
Other current assets and prepaid expenses.....	530,793	392,338	923,131	1,620,987
Total current assets.....	39,810,127	17,549,762	57,359,889	53,212,263
Investments:				
Investments in affiliated companies.....	58,514,289	9,792,655	68,306,944	76,798,992
Other investments:				
(a) Mortgages, long-term advances and notes.....	19,900	443,776	463,676	458,810
(b) Other Canadian investments.....	47,321	50,974	98,295	109,200
(c) Investments in Canadian preferred and common stocks.....	—	1,552,072	1,552,072	1,202,195
(d) Investments in foreign securities.....	—	175,430	175,430	—
Capital and other reserve funds.....	220,469	—	220,469	203,277
Insurance and other funds.....	—	—	—	1,293
Total investments.....	38,801,979	12,014,907	70,816,886	78,773,767
Fixed assets:				
(a) Total fixed assets.....	384,507,916	269,515,583	654,023,499	617,758,245
(b) Less accumulated depreciation and amortization.....	135,991,849	75,256,875	211,248,724	189,465,569
(c) Operating oil supply.....	537,054	3,015,759	3,552,813	3,447,640
Net fixed assets.....	249,053,121	197,274,467	446,327,588	431,740,316
Deferred debits.....	1,046,156	1,806,424	2,852,580	2,817,229
Total assets.....	348,711,383	228,645,560	577,356,943	566,543,575
Liabilities and net worth				
Current liabilities:				
Short term loans:				
(a) Loans from chartered banks in Canadian currency.....	—	10,079,452	10,079,452	7,062,244
(b) Other loans payable.....	—	294,271	294,271	677,772
Accounts payable.....	9,137,970	4,179,715	13,317,685	15,695,108
Interest and dividends payable and accrued.....	2,301,602	787,778	3,089,380	3,241,161
Taxes accrued.....	10,010,653	3,877,291	13,887,944	15,303,192
Funded debt due within one year less company funded debt owned:				
(a) Bonds, debentures and notes.....	10,059,051	5,849,699	15,908,750	20,641,150
(b) Other funded debt.....	—	540,541	540,541	—
Other current liabilities.....	291,518	580,132	871,650	869,511
Total current liabilities.....	31,800,794	26,188,879	57,989,673	63,490,244

TABLE 9. Comparative Statement of Assets, Liabilities and Net Worth of Oil Pipe Line Transport Industry
as at December 31, 1965 and 1964 - Concluded

	1965			1964
	Interprovincial companies	Intraprovincial companies	Total	Total
	dollars			
Deferred credits	226,735	4,454	231,189	253,125
Accumulated tax reductions applicable to future years	28,799,296	15,904,097	44,703,393	41,658,461
Funded debt:				
(a) Bonds, debentures and notes	171,231,870	77,061,978	248,293,848	252,644,690
(b) Mortgages and agreements of sales	242,079	—	242,079	289,725
(c) Loans from chartered banks in Canadian currency including secured loans	—	12,889,025	12,889,025	5,783,553
(d) Other long term debt	—	—	—	577,390
(e) Less company funded debt owned	2,569,000	—	2,569,000	3,528,000
Net total funded debt	168,904,949	89,951,003	258,855,952	255,767,358
(f) Amounts payable to affiliated companies	10,279,131	30,065,291	40,344,422	35,377,153
Net worth:				
(a) Preferred stock	—	5,925,200	5,925,200	6,052,200
(b) Common stock	47,558,792	25,686,066	73,244,858	72,961,410
Contributed surplus	20,035,539	1,960,239	21,995,778	21,887,534
Retained earnings	41,106,147	32,960,331	74,066,478	69,096,090
Total liabilities and net worth	348,711,383	228,645,560	577,356,943	566,543,575

TABLE 10. Income Account of Oil Pipe Line Transport Industry as at December 31, 1965

	1965			1964
	Interprovincial companies	Intraprovincial companies	Total	Total
	dollars			
Operating revenues:				
Transportation revenue:				
From gathering operations	731,069	17,475,727	18,206,796	23,621,630
From trunk line operations ¹	81,680,080	40,565,712	122,245,792	108,710,520
Other operating revenue	3,100,677	2,256,113	5,356,790	6,146,694
Total operating revenues	85,511,826	60,297,552	145,809,378	138,478,844
Operating expenses:				
Maintenance:				
Superintendence	353,359	250,232	603,591	537,950
Cost of repairs	3,387,220	1,948,176	5,335,396	4,616,560
Other maintenance expenses	310	261,789	262,099	206,522
Total maintenance	3,740,889	2,460,197	6,201,086	5,361,032
Transportation:				
Superintendence	339,663	359,758	699,421	758,547
Operation of pipe lines	720,027	1,883,324	2,603,351	2,315,588
Operation of pumping stations, oil tanks and other facilities	7,918,612	3,168,241	11,086,853	10,039,408
Other transportation expenses	268,326	897,071	1,165,397	1,063,558
Total transportation	9,246,628	6,308,394	15,555,022	14,177,101
General office:				
General office salaries	1,578,904	1,656,810	3,235,714	3,163,747
Office supplies and expenses	637,878	655,224	1,293,102	1,248,418
Other office expenses including municipal taxes	5,009,618	2,844,806	7,854,424	7,725,687
Total general office expenses	7,226,400	5,156,840	12,383,240	12,137,852
Other operating expenses	—	359,468	359,468	442,620
Total operating expenses	20,213,917	14,284,899	34,498,816	32,118,605
Net revenue from operations	65,297,909	46,012,653	111,310,562	106,360,239
Interest and dividend income	18,085,169	608,490	18,693,659	10,638,133
Other income	2,908,080	1,152,408	4,060,488	4,037,781
Depreciation	86,291,158	47,773,551	134,064,709	121,036,153
Interest on long term debt	12,072,410	10,443,293	22,515,703	21,995,097
Amortization	7,669,049	6,042,575	13,711,624	13,686,160
Other deductions	60,785	132,553	193,338	196,951
Net income before income tax	21,350,309	17,305,038	38,655,347	37,652,881
Provision for income tax	64,940,849	30,468,513	95,409,362	83,383,272
Net income after income tax	26,300,323	13,587,882	39,888,205	37,386,000

¹ Includes some revenue from gathering operations not separable in company accounts.

TABLE 11. Property Account of Oil Pipe Line Transport Industry as at December 31, 1965

	Total at December 31, 1964 ^r	Gross additions during 1965	Retirements during 1965	Other changes during 1965	Total at December 31, 1965	Total inter-provincial companies	Total intra-provincial companies
dollars							
Land and rights-of-way	13,383,623	397,505	23,747	3,805	13,761,186	5,264,736	8,496,450
Pipe line and pipe line fittings	442,843,063	23,049,336	276,374	(338,208)	465,277,817	266,493,748	198,784,069
Buildings	25,119,913	515,851	225,578	25,271	25,435,457	18,851,483	6,583,974
Pumping equipment	40,260,338	1,823,860	429,846	(31,256)	41,623,096	25,661,346	15,961,750
Oil tanks	21,924,809	983,451	75,635	8,037	22,840,662	15,457,468	7,383,194
Receiving and delivery facilities	6,815,501	708,110	47,307	4,900	7,481,204	2,897,022	4,584,182
Interest during construction	1,036,923	30,714	4,591	—	1,063,046	282,744	780,302
Other property and equipment	66,374,075	11,440,508	1,150,792	(122,760)	76,541,031	49,599,369	26,941,662
Total at cost	617,758,245	38,949,335	2,233,870	(450,211)	654,023,499	384,507,916	269,515,583
Depreciation	189,465,569	...	...	...	211,248,724	135,991,849	75,256,875
Total property account	428,292,676	...	...	...	442,774,775	248,516,067	194,258,708

TABLE 12. Funds Flow Statement of Oil Pipe Line Transport Industry, for Years Ending December 31, 1965 and 1964

	1965			1964		
	Inter-provincial companies	Intra-provincial companies	Total	Inter-provincial companies	Intra-provincial companies	Total
millions of dollars						
Application of funds						
Expenditures for:						
Operating expenses	20.2	14.3	34.5	18.6	13.5	32.1
Interest on long term debt	7.7	6.0	13.7	7.9	5.8	13.7
Income taxes	26.3	13.6	39.9	24.0	13.4	37.4
Dividends	29.3	11.6	40.9	27.5	11.2	38.7
Other	—	7.6	7.6	1.1	1.7	2.8
Total	83.5	53.1	136.6	79.1	45.6	124.7
Increased working capital	12.3	—	12.3	—	—	—
Acquisition of fixed assets	15.5	20.8	36.3	17.3	20.0	37.3
Increased investments in affiliated companies	—	—	—	—	5.0	5.0
Increased investments and reserves	—	0.5	0.5	—	—	—
Decreased long term debt	—	—	—	13.7	5.7	19.4
Totals	111.3	74.4	185.7	110.1	76.3	186.4
Source of funds						
Revenues:						
Revenue from operations	85.5	60.3	145.8	80.8	57.6	138.4
Interest and dividend income	18.1	0.6	18.7	9.9	0.7	10.6
Other	1.7	0.1	1.8	2.9	5.3	8.2
Total	105.3	61.0	166.3	93.6	63.6	157.2
Decreased working capital	—	2.6	2.6	2.5	8.2	10.7
Decreased investments in affiliated companies	3.3	5.2	8.5	3.5	—	3.5
Decreased investments and reserves	—	—	—	—	1.5	1.5
Increased long term debt	2.7	0.4	3.1	—	—	—
Increased amounts payable to affiliated companies	—	4.9	4.9	10.2	1.6	11.1
Increased capital stock and contributed surplus	—	0.3	0.3	0.3	1.4	1.7
Totals	111.3	74.4	185.7	110.1	76.3	186.4

TABLE 13. Employees and Earnings in Oil Pipe Line Transport Industry, 1965 and 1964

	Yukon	British Columbia	Alberta	Saskat-chewan	Manitoba	Ontario	Quebec	Total
1965								
Number of employees:								
General office	—	48	202	20	2	51	8	331
Clerical.....	—	33	46	23	—	10	—	112
Supervisory and occupational	1	130	199	67	24	35	31	487
Wage-earners	3	24	273	151	74	79	8	612
Totals	4	235	720	261	100	175	47	1,542
Earnings:								
General office..... \$	—	555,023	1,551,215	194,811	11,340	536,418	64,048	2,912,855
Clerical..... \$	—	138,441	202,899	88,212	—	35,490	—	465,042
Supervisory and occupational	\$ 7,319	973,162	1,425,007	551,228	185,355	309,309	233,982	3,685,362
Wage-earners	\$ 23,761	86,571	1,615,022	1,034,646	512,775	544,679	48,313	3,865,767
Totals \$	31,080	1,753,197	4,794,143	1,868,897	709,470	1,425,896	346,343	10,929,026
Average annual earnings per employee... \$	7,770	7,460	6,659	7,161	7,095	8,148	7,369	7,088
1964								
Number of employees:								
General office	—	48	195	20	2	49	7	321
Clerical.....	—	35	45	28	—	11	—	119
Supervisory and occupational	1	128	184	75	23	32	27	470
Wage-earners	3	10	263	147	76	76	7	582
Totals	4	221	687	270	101	168	41	1,492
Earnings:								
General office..... \$	—	541,376	1,483,985	218,219	13,359	495,248	58,132	2,810,319
Clerical..... \$	—	145,426	190,946	111,969	—	45,059	—	493,400
Supervisory and occupational	\$ 7,124	933,515	1,399,976	583,231	191,302	290,564	207,178	3,612,890
Wage-earners	\$ 19,146	63,021	1,601,321	984,558	521,284	517,013	42,361	3,748,704
Totals \$	26,270	1,683,338	4,676,228	1,897,977	725,945	1,347,884	307,671	10,665,313
Average annual earnings per employee... \$	6,568	7,617	6,807	7,029	7,187	8,023	7,504	7,148

GLOSSARY OF TERMS

Barrel Miles

One barrel of oil moved one mile; ton miles are calculated by converting barrel miles of oil to the equivalent weight in short tons. Trunk line system barrel miles only are included because of the difficulty of collecting reliable and consistent data for gathering systems, together with the fact that gathering systems have a very short average commodity mile movement, and as a result their inclusion would add only a very small percentage to the total.

Crude Oil – See Crude Oil and Equivalent.

Crude Oil and Equivalent

Includes the following liquid hydrocarbons:

Crude oil – A naturally occurring liquid hydrocarbon.

Condensate – A naturally occurring hydrocarbon which is gaseous in its virgin reservoir state, but is liquid at the conditions under which its volume is measured.

Pentanes plus – A liquid hydrocarbon produced from raw natural gas, condensate or crude oil.

Condensate – See Crude Oil and Equivalent.

Deliveries

Volumes of oil measured at the points of delivery either at the refinery, at the point of export, at the truck or rail loading terminal, and at the refinery or bulk plant terminal.

Deliveries to Other Carriers U.S.A.

Canadian oil held in bond in U.S.A. to tanker loading facilities on the Great Lakes for return to Canada.

Gross Receipts and Deliveries

The receipts or deliveries of all pipe line companies in Canada including intercompany transfers.

Inventory and Other Changes

Changes of oil held by the pipe lines in their system either in the lines or in the tanks, including changes of oil held by Canadian pipe line systems in the United States.

Liquefied Petroleum Gases

Naturally occurring gaseous hydrocarbons which liquefy only under conditions of increased pressure and/or decreased temperature. The main components are propanes and butanes produced at natural gas processing plants.

Net Deliveries

The unduplicated deliveries of all pipe line companies in Canada.

Net Receipts

The unduplicated receipts of all pipe line companies in Canada.

Pentanes Plus – See Crude Oil and Equivalent.

Pipe Line Fuel, Losses and Unaccounted For

A residual item which includes the fuel used by the pipe line pumping stations, oil lost due to pipe line handling, and other losses which cannot be accounted for due to errors in gauging etc.

Pipe Line Systems

Various types of pipe lines and ancillary facilities such as pumping stations, gathering and/or trunk lines, parallel lines, loops, etc.

Receipts

Oil received by the pipe line company as gauged or metered and reported by the responding company. Receipts may be of several categories: receipts from fields which may be from batteries or wellheads; from processing plants (plants which process natural gas and recover liquid hydrocarbons); imports metered at the United States borders; receipts from refineries.

Refined Petroleum Products

Products resulting from the processing of crude oil and related hydrocarbons in a refining operation, and including liquefied refinery gases.

System Miles

The number of miles over which a pipe line system operates regardless of the number of pipe lines in the system. For example, Interprovincial Pipe Line Company operates a pipe line system from Edmonton to Regina, a distance of 438 system miles but there are two pipe lines in this system for an aggregate 876 pipe line miles.

Transfers

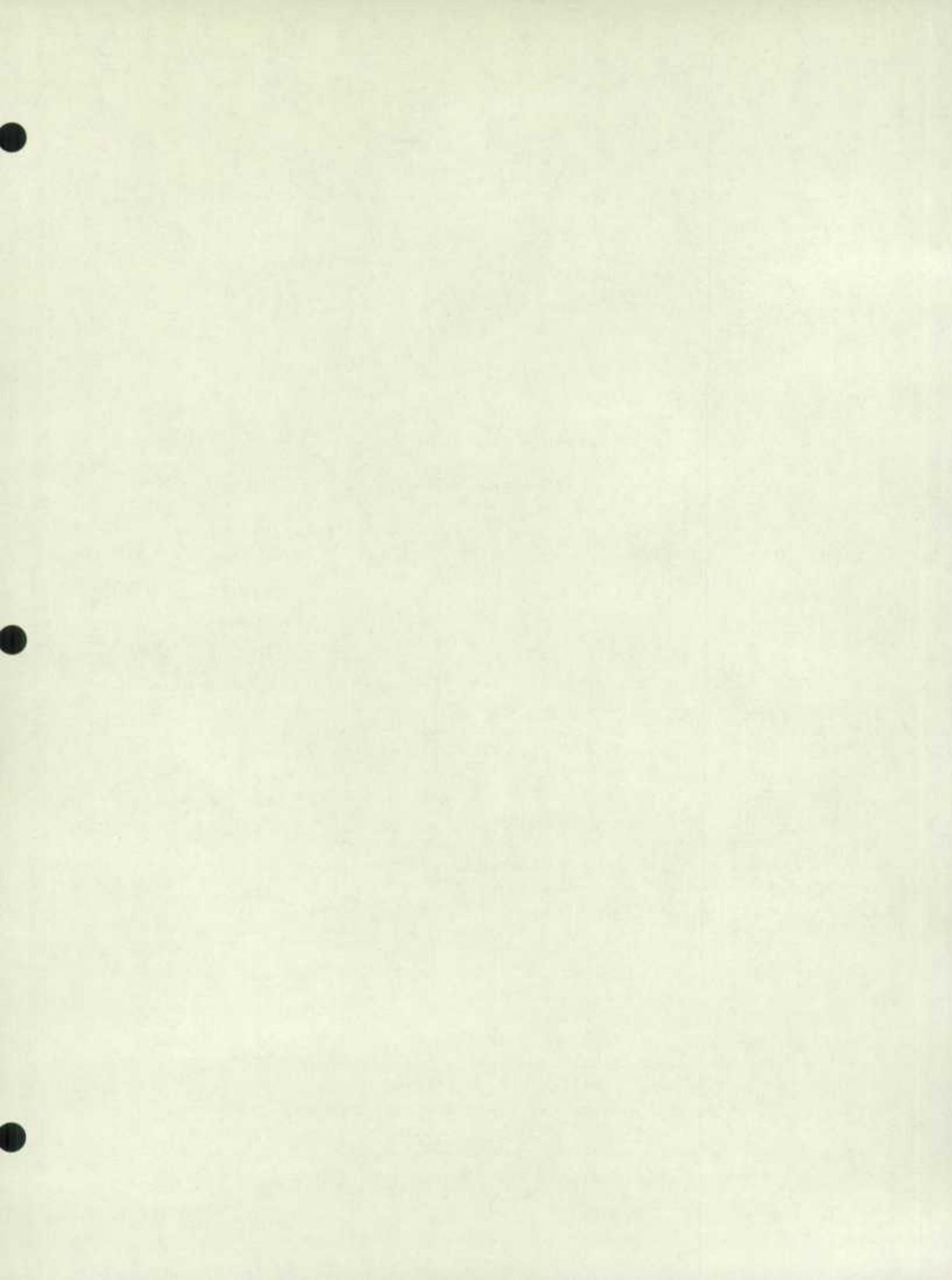
Movements of petroleum between two different pipe line companies.

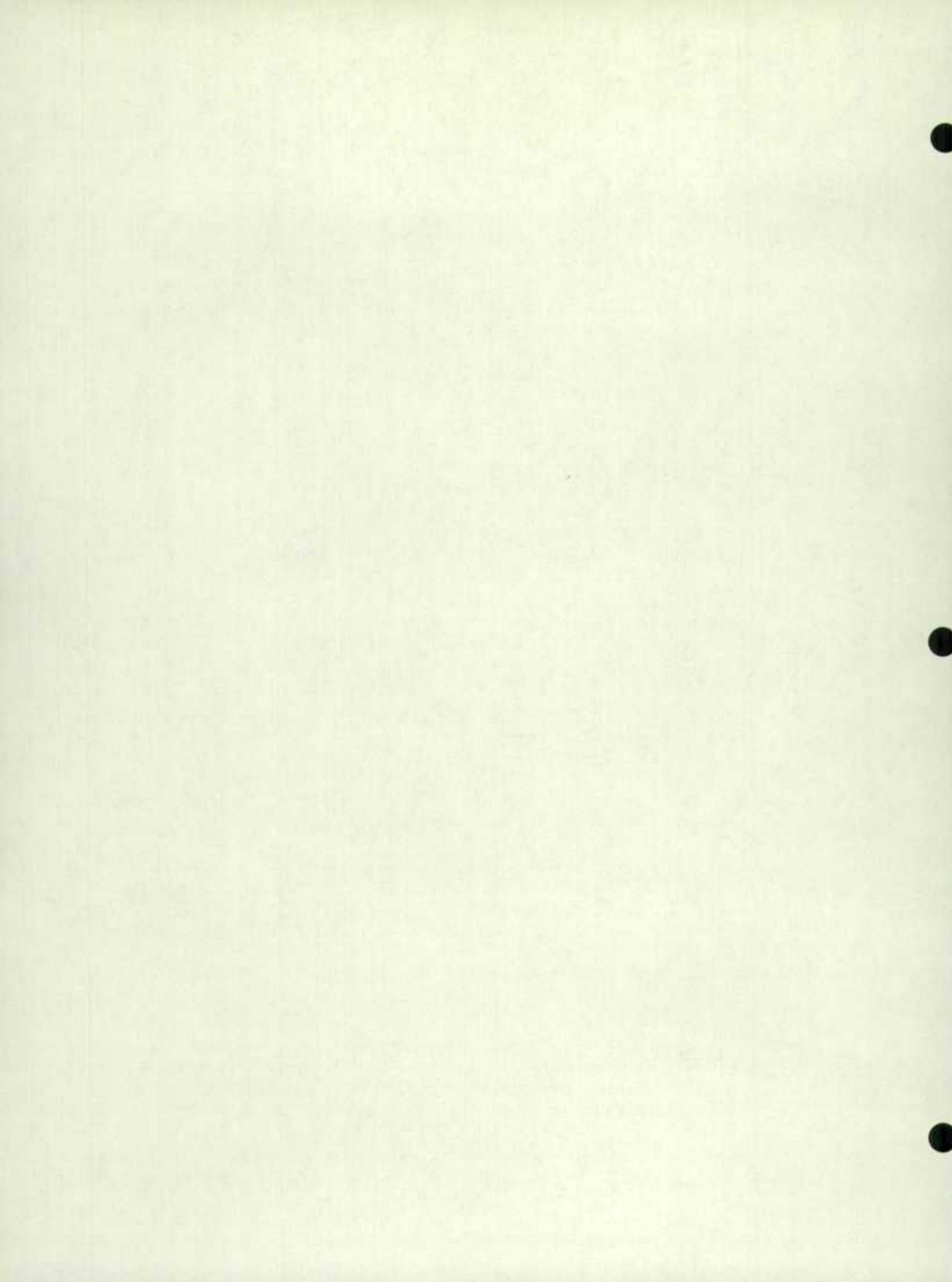
Transportation Sectors

(a) Gathering lines: usually a small diameter pipe operating within oil fields and carrying the oil from the wellhead or battery to a common collection point, or points.

(b) Trunk lines: pipe lines generally of larger diameter running from the common collection point, or points, in fields, to refineries, other pipe line systems, or to termination points such as bulk plants, truck and rail loading facilities, etc.

Definitions of the financial accounts may be found in "Uniform Classification of Accounts for Oil Pipe Line Companies", published by the National Energy Board.





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