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DOMINION BUREAU  
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## OIL PIPELINE TRANSPORT

JANUARY 1963

Canadian oil pipelines received a net total of 38,799,706 barrels of crude oil, liquefied petroleum gases and petroleum products during January 1963. This was a 7.4 per cent increase over January of last year when 36,110,798 barrels were received. The receipts were comprised of 23,915,174 barrels of crude oil and its equivalent (up 8.2 per cent), 8,767,370 barrels of imported crude, L.P.G.'s and products (up 10.1 per cent) and 5,930,654 barrels of products to refineries (up 16.1 per cent).

During the month the oil pipeline transport industry delivered 38,719,841 barrels of petroleum and its products (1,249,027 barrels per day), an increase of 5.6 per cent from the previous year's total of 36,659,183 barrels. The deliveries included 24,048,674 barrels of crude oil to refineries (up 1.6 per cent), 8,452,162 barrels of crude oil for export (up 12.9 per cent) and 5,766,680 barrels of products to bulk plants and terminals (up 11.9 per cent).

Total traffic of trunk lines amounted to 16,035 million barrel miles at the end of the month (up 28.2 per cent) while the average length of haul was 416.2 miles.

Total oil held by Canadian pipeline systems amounted to 13,830,907 barrels at the end of the month.

This is the first report using new reporting forms collected in co-operation with the respective provinces. As a result some small inconsistencies have occurred. The major item affected has been receipts from truck and rail which have been re-allocated as to gathering or trunk lines. The data presented in Table 1 remains consistent with previous publications.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

June 1963  
8506-502

TABLE 1. Summary of Pipeline Movements of Crude Oil, Condensate and Natural Gasoline, by Province

	Total 1962	January 1963							
		Total	British Columbia	Alberta	Saskat- chewan	Manitoba(1)	Ontario	Quebec	Yukon
		barrels							
<u>Receipts</u>									
Net receipts:									
From fields .....	20,591,300	22,215,870	1,047,895	15,528,506	5,376,796	262,673	-	-	-
From other carriers .....	635,363	453,472	8,636	255,603	160,135	29,098	-	-	-
From refineries and bulk plants .....	-	-	-	-	-	-	-	-	-
From other .....	-	-	-	-	-	-	-	-	-
From processing plants .....	844,143	1,245,832	81,252	1,164,580	-	-	-	-	-
Imports .....	8,600,976	8,721,124	-	-	-	-	-	8,721,124	-
L.P.G. receipts into crude stream .....	-	-	-	-	-	-	-	-	-
Total net receipts .....	30,671,782	32,636,298	1,137,783	16,948,689	5,536,931	291,771	-	8,721,124	-
Transfers:									
From other provinces .....	33,156,976	34,014,751	5,769,015	-	8,389,322	12,146,043	7,710,371	-	-
From other pipelines .....	19,850,238	27,690,191	2,301,428	16,128,519	5,229,592	4,030,652	-	-	-
From interprovincial systems .....	-	7,688,247	-	-	645,483	1,042,764	-	-	-
Total gross receipts .....	83,678,996	96,029,487	9,208,226	33,077,208	19,801,328	17,511,230	7,710,371	8,721,124	-
<u>Disposition</u>									
Net deliveries:									
To refineries .....	23,661,612	24,048,674	2,400,370	2,274,148	1,855,470	1,028,970	7,789,438	8,700,278	-
To other carriers .....	68,817	31,855	-	9,750	22,105	-	-	-	-
To bulk plants .....	12,392	-	-	-	-	-	-	-	-
For export .....	7,480,580	8,452,162	4,531,012	316,552	-	3,604,598	-	-	-
Other .....	2,937	2,471	-	2,471	-	-	-	-	-
To processing plants .....	-	-	-	-	-	-	-	-	-
Total net deliveries .....	31,226,338	32,535,162	6,931,382	2,602,921	1,877,575	4,633,568	7,789,438	8,700,278	-
Transfers:									
To other provinces .....	33,156,976	34,014,751	-	14,158,337	12,146,043	7,710,371	-	-	-
To other pipelines .....	19,777,112	8,498,753	1,257,707	1,793,234	665,483	4,782,329	-	-	-
To interprovincial systems .....	-	20,879,685	1,043,721	14,335,285	5,209,592	291,087	-	-	-
Total gross deliveries .....	84,160,426	95,928,351	9,232,810	32,889,777	19,898,693	17,417,355	7,789,438	8,700,278	-
Pipeline loss .....	) - 49,264	( 75,373	10,424	45,279	19,701	- 2,226	-	2,195	-
Pipeline fuel .....	) -	( 30,749	-	30,479	197	73	-	-	-
Inventory changes .....	) - 432,166	( 25,137	- 33,717	117,117	- 93,505	95,658	- 79,067	18,651	-
Other changes .....	) -	( - 30,123	- 1,291	- 5,444	- 23,758	370	-	-	-
Deliveries to other carriers, U.S.A.(2) ....	-	-	-	-	-	-	-	-	-
Total disposition .....	83,678,996	96,029,487	9,208,226	33,077,208	19,801,328	17,511,230	7,710,371	8,721,124	-

(1) Includes movements in the United States.

(2) Delivered for re-entry into Canada.

TABLE 2. Receipts and Disposition of Crude Oil, Condensate and Natural Gasoline, by Province - Gathering Lines

	Total 1962	January 1963				
		Total	British Columbia	Alberta	Saskat- chewan	Manitoba
		barrels				
<u>Receipts</u>						
Net receipts:						
From fields .....	20,591,300	22,215,870	1,047,895	15,528,506	5,376,796	262,673
From other carriers .....	251,406	144,933	8,636	85,807	21,392	29,098
Total net receipts .....	20,842,706	22,360,803	1,056,531	15,614,313	5,398,188	291,771
Transfers:						
From other pipelines .....	965,512	261,001	248,146	12,855	-	-
Total gross receipts .....	21,808,218	22,621,804	1,304,677	15,627,168	5,398,188	291,771
<u>Disposition</u>						
Net deliveries:						
To interprovincial systems .....	19,968,689	( 7,921,803	-	3,984,100	3,646,616	291,087
To other pipelines .....		( 14,236,572	1,009,561	11,525,499	1,701,512	-
To other carriers .....	68,817	31,855	-	9,750	22,105	-
To refineries .....	759,814	161,070	69,665	91,405	-	-
To bulk plants and terminals .....	-	-	-	-	-	-
Total net deliveries .....	20,797,320	22,351,300	1,079,226	15,610,754	5,370,233	291,087
Transfers:						
To other pipelines .....	956,179	248,146	248,146	-	-	-
Total gross deliveries .....	21,753,499	22,599,446	1,327,372	15,610,754	5,370,233	291,087
Pipeline fuel and use .....	34,311	( -	-	-	-	-
Line losses and adjustments .....		( 25,417	622	3,825	20,893	77
Inventory changes .....	20,408	( - 4,813	- 22,026	9,544	7,062	607
Other changes .....		( 1,754	- 1,291	3,045	-	-
Total disposition .....	21,808,218	22,621,804	1,304,677	15,627,168	5,398,188	291,771

TABLE 3. Receipts and Disposition of Crude Oil, Condensate and Natural Gasoline, by Province - Trunk Lines

	Total 1962	January 1963							
		Total	British Columbia	Alberta	Saskat- chewan	Manitoba(1)	Ontario	Quebec	Yukon
		barrels							
<u>Receipts</u>									
Net receipts:									
From gathering lines .....	19,965,632	22,158,375	1,009,561	15,509,599	5,348,128	291,087	-	-	-
From other carriers .....	383,957	308,539	-	169,796	138,743	-	-	-	-
L.P.G. receipts into crude stream .....	-	-	-	-	-	-	-	-	-
From refineries and bulk plants .....	-	-	-	-	-	-	-	-	-
From processing plants .....	844,143	1,245,832	81,252	1,164,580	-	-	-	-	-
Imports .....	8,600,976	8,721,124	-	-	-	-	-	8,721,124	-
Total net receipts .....	29,794,708	32,433,870	1,090,813	16,843,975	5,486,871	291,087	-	8,721,124	-
Transfers:									
From other provinces .....	33,156,976	34,014,751	5,769,015	-	8,389,322	12,146,043	7,710,371	-	-
From other pipelines .....	18,884,726	18,400,868	1,043,721	12,034,606	1,582,976	3,739,565	-	-	-
From interprovincial systems .....	-	1,688,247	-	-	645,483	1,042,764	-	-	-
Total gross receipts .....	81,836,410	86,537,736	7,903,549	28,878,581	16,104,652	17,219,459	7,710,371	8,721,124	-
<u>Disposition</u>									
Net deliveries:									
To refineries .....	22,901,798	23,887,604	2,330,705	2,182,743	1,855,470	1,028,970	7,789,438	8,700,278	-
To other carriers .....	-	-	-	-	-	-	-	-	-
To bulk plants and terminals .....	12,392	-	-	-	-	-	-	-	-
For export .....	7,480,580	8,452,162	4,531,012	316,552	-	3,604,598	-	-	-
Other .....	2,937	2,471	-	2,471	-	-	-	-	-
Total net deliveries .....	30,397,707	32,342,237	6,861,717	2,501,766	1,855,470	4,633,568	7,789,438	8,700,278	-
Transfers:									
To other provinces .....	33,156,976	34,014,751	-	14,158,337	12,146,043	7,710,371	-	-	-
To other pipelines .....	18,820,933	7,144,088	-	1,696,276	665,483	4,782,329	-	-	-
To interprovincial systems .....	-	12,957,882	1,043,721	10,351,185	1,562,976	-	-	-	-
Total gross deliveries .....	82,375,616	86,458,958	7,905,438	28,707,564	16,229,972	17,126,268	7,789,438	8,700,278	-
Pipeline fuel and use .....	) - 71,003	( 30,749	-	30,479	197	73	-	-	-
Line losses .....	)	( 49,956	9,802	41,454	- 1,192	- 2,303	-	2,195	-
Inventory changes .....	) - 468,203	( 29,950	- 11,691	107,573	- 100,567	95,051	- 79,067	18,651	-
Other changes .....	)	( - 31,877	-	- 8,489	- 23,758	370	-	-	-
Deliveries to other carriers, U.S.A.(2) ....	-	-	-	-	-	-	-	-	-
Total disposition .....	81,836,410	86,537,736	7,903,549	28,878,581	16,104,652	17,219,459	7,710,371	8,721,124	-

(1) Includes movements in the United States.

(2) Delivered for re-entry into Canada.

TABLE 4. Pipeline Movements of Liquefied Petroleum Gases and Petroleum Products, by Province

	Total 1962	January 1963							
		Total	British Columbia	Alberta	Saskat- chewan	Manitoba	Ontario	Quebec	Yukon
		barrels							
<u>Receipts</u>									
Net receipts:									
From processing plants .....	250,081	186,508	-	166,499	-	-	20,009	-	-
From refineries and bulk plants .....	5,109,747	5,930,654	26,289	141,471	79,983	-	4,002,241	1,680,670	-
Imports .....	79,188	46,246	37,597	-	-	-	8,649	-	-
Total net receipts .....	5,439,016	6,163,408	63,886	307,970	79,983	-	4,030,899	1,680,670	-
Transfers:									
From other provinces .....	1,807,168	2,189,022	49,998	-	62,315	142,298	1,896,814	-	37,597
From other pipelines .....	106,335	191,469	-	191,469	-	-	-	-	-
Total gross receipts .....	7,352,519	8,543,899	113,884	499,439	142,298	142,298	5,927,713	1,680,670	37,597
<u>Disposition</u>									
Net deliveries:									
To refineries .....	21,562	292,482	2,618	65,071	-	-	224,793	-	-
To other carriers .....	22,592	46,519	-	46,519	-	-	-	-	-
To bulk plants and terminals .....	5,154,651	5,766,680	26,289	-	-	-	5,704,278	-	36,113
For export .....	147,371	78,998	53,727	-	-	-	25,271	-	-
Other .....	86,669	-	-	-	-	-	-	-	-
Total net deliveries .....	5,432,845	6,184,679	82,634	111,590	-	-	5,954,342	-	36,113
Transfers:									
To other provinces .....	1,807,168	2,189,022	37,597	112,313	142,298	216,144	-	1,680,670	-
To other pipelines .....	110,423	191,469	-	191,469	-	-	-	-	-
Total gross deliveries .....	7,350,436	8,565,170	120,231	415,372	142,298	216,144	5,954,342	1,680,670	36,113
Pipeline losses and use .....	) - 2,597	( - 399	-	4,812	-	-	- 5,297	-	86
Pipeline fuel .....	)	(	-	-	-	-	-	-	-
Inventory changes .....	) 4,680	( - 20,872	- 6,347	79,255	-	- 73,846	- 21,332	-	1,398
Other changes .....	)	(	-	-	-	-	-	-	-
Deliveries to other carriers - U.S.A. ....	-	-	-	-	-	-	-	-	-
Total disposition .....	7,352,519	8,543,899	113,884	499,439	142,298	142,298	5,927,713	1,680,670	37,597

TABLE 5. Oil Pipelines - Inventories and Operating Statistics

		Crude oil		L.P.G.'s. and products Trunk	All pipelines January 1963	All pipelines January 1962
		Gathering	Trunk			
Inventories:						
Shippers' balances .....	barrels	130,238	11,402,282	643,306	12,175,826	11,890,083
Carriers' balances .....	"	150,442	1,502,041	2,598	1,655,081	1,617,851
Total inventory .....	"	280,680	12,904,323	645,904	13,830,907	13,507,934
Oil held in lines .....	"	161,228	9,181,267	493,737	9,836,232	9,607,381
Oil held in tanks .....	"	119,452	3,723,056	152,167	3,994,675	3,900,553
Inventory change, January 1963 .....	"	- 11,875	- 50,619	51,576	- 10,918	- 487,273
Barrels handled:						
Daily average of net deliveries:						
Gathering lines .....	barrels		729,010	-	729,010	670,881
Trunk lines .....	"		1,043,298	199,506	1,242,824	1,155,824
Total barrel miles:						
Trunk lines .....	000's miles		15,149,452	885,112	16,034,564	12,507,558
Average miles per barrel:						
Trunk lines .....	miles		468.4	143.1	416.2	349.1
Operating revenues, 1963:						
Three months ended Mar. 31 .....	dollars					
Six months " June 30 .....	"					
Nine months " Sept. 30 .....	"					
Twelve months " Dec. 31 .....	"					



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