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OIL PIPE LINE TRANSPORT

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AUGUST, 1961

Net receipt of crude oil, liquefied petroleum gases and petroleum products through Canadian oil pipe lines increased 15.5 per cent during August to 29,754,082 barrels from 25,753,609 barrels in the same month last year. During the period under review the oil pipe line industry received 19,916,513 barrels of crude oil and L.P.G.'s, 6,007,191 barrels of imported crude oil, L.P.G.'s and products and 3,830,378 barrels of products.

Deliveries of petroleum and its products increased 14.3 per cent during the month to 29,168,740 barrels from 25,512,023 barrels in August, 1960. Included in the deliveries were 19,500,068 barrels of crude oil and L.P.G.'s, 5,885,175 barrels of crude oil, L.P.G.'s and products for export and 3,813,497 barrels of products.

Trunk line net receipts rose 23.0 per cent above last August. Own gathering systems accounted for 41.9 per cent of receipts with 23.9 per cent received from other gathering systems. Imports of 6,007,191 barrels were down 9.5 per cent from August 1960 and accounted for 19.4 per cent of receipts.

Deliveries to refineries totalled 19,099,371 barrels, up 4.5 per cent. Exports increased to 5,855,175 barrels or 97.0 per cent but deliveries to bulk plants and terminals of 3,864,672 barrels were almost unchanged. Total oil held by Canadian pipe line systems amounted to 13,616,637 barrels at the end of the month.

Total traffic of trunk lines increased 34.3 per cent to 12,408,147 barrel miles from 9,241,822 barrel miles in August 1960. The average length of haul was 272.6 miles.

Employment and earnings were down in August with 1,548 employees earning \$820,876 as against 1,596 employees earning \$831,115.

Net receipts (and deliveries) are the unduplicated totals of oil received (and delivered) by the Canadian oil pipeline systems. Intercompany movements of oil are tabulated separately as transfers. In addition condensates or L.P.G.'s which are "transferred to crude oil stream", that is comingled with oil, are entered separately. L.P.G. statistics in this report include condensates.

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

8506-502-81

TABLE 1. Summary of Net Receipts and Net Deliveries of Gathering and Trunk Oil Pipe Lines, by Province

	British Columbia	Alberta	Saskat- chewan	Manitoba	Ontario	Quebec	Yukon	Canada
				barrels				
Net Receipts								
rude oil:								
By gathering lines	37,381	13,568,927	4,749,643	400,185		-	-	18,756,136
By trunk lines from other carriers and plants	-	282,928	222,380	-	-	-	-	505,308
Total net domestic receipts	37,381	13,851,855	4,972,023	400, 185	-	-	-	19,261,444
Imports	37,381	13,851,855	4,972,023	400,185		5,705,083 5,705,083	-	5,982,913
Totals	37,301	15,051,055	4,572,025	400,100	277,032	5,705,005	_	25, 244, 359
P.G.'s:								
By gathering lines	~	429,704	-	-	-	-	-	429,70
From other carriers and processing plants by trunk lines .	-	224,790	575	40	-	-	-	225,36
Total net domestic receipts	-	654,494	575		-	-	_	655,06
Imports	_	654,494	575	_	_	-	-	655,06
oducts:		034,474	213					033,00
From plants and refineries	-	_		-	2,433,447	1,384,243	12,688	3,830,37
Imports	24,276	-	-	-	-		-	24,27
Totals	24,276	-	-	-	2,433,447	1,384,243	12,688	3,854,65
	27 201	1/ 50/ 2/0	/ 070 600	400 105				
tal net domestic receipts of crude oil and L.P.G.'s	37,381	14,506,349	4,972,598	400,185	2 (22 (62	1 20/ 2/2		19,916,51
tal net imports of crude oil, L.P.G.'s and products	24,276		-	_	277,832	1,384,243 5,705,083		3,830,37 6,007,19
Total net receipts, August, 1961	61,657	14,506,349	4,972,598	400, 185	2,711,279	7,089,326		29,754,08
Total net receipts, July, 1961	63,159	14,051,558	4,461,906	395,090	2,437,847	4,805,192		26,214,75
Total net receipts, August, 1960	-	10,221,452	4,611,440	411,290	2,370,785	8,109,568	29,074	25,753,60
Net Deliveries								
a. 311.								
Tude oil: To refineries by gathering lines	54, 155	49,512				_	_	103,66
by trunk lines	1,371,405	1,788,227	1,575,279	1,034,374	7,594,041	5,671,496	-	19,034,82
To other carriers by gathering lines	-	47,543	22,935	-	***	-		70,47
by trunk lines	40	-	wide	-	-	-	-	
Total net domestic deliveries	1,425,560	1,885,282	1,598,214	1,034,374	7,594,041	5,671,496	-	19,208,96
Exports	2,773,701 4,199,261	1,885,282	1,598,214	3,041,561 4,075,935	7 50/ 0/1	5,671,496	_	5,815,26
P.G. 's:	4, 177, 201	1,005,202	1,390,214	4,075,955	7,594,041	3,071,490	_	25,054,22
To refineries by gathering lines	-	162,228	-	-		_	_	162,22
by trunk lines	-	63,974	-	575	-		-	64,54
To other carriers by gathering lines	-	-	-	-	-		-	
by trunk lines	-	21,204	-		-	-	-	21,20
To bulk plants, terminals, etc.	-	43,120 290,526	-	575	-		-	43,12
Total net domestic deliveries Exports		290, 320		39,913			_	291,10 39,91
Totals	-	290,526	-	40,488	-		_	331,01
		,						
oducts:								
To bulk plants, terminals, etc.	1 /25 500	2 175 000	1 500 014	1 001 016	3,782,612	5 (7) (0)	30,885	3,813,49
tal net domestic deliveries of crude oil and L.P.G.'s	1,425,560	2,175,808	1,598,214	1,034,949		5,671,496	20 995	19,500,06
tal net domestic deliveries of products tal net exports of crude oil, L.P.G.'s and products	2,773,701			3,081,474	3,782,612	_	30,885	3,813,49 5,855,17
Total net deliveries, August, 1961	4,199,261	2,175,808	1,598,214	4,116,423	11,376,653	5.671 496		29, 168, 74
Total net deliveries, July, 1961	4,736,143	2,108,867	1,371,998	3,612,282	10,342,435			25, 832, 10
Total net deliveries, August, 1960	2,419,938	2,224,173	1,691,108	2,625,038	10,046,798			25,512,02

⁽¹⁾ Trucked from Sasiatchewan to Manitoba pipeline terminal.

TABLE 2. Receipts and Disposition of Crude Oil, Liquefied Petroleum Gases and Petroleum Products - Trunk Lines

	Crude oil	L.P.G. 's	Products	Total August 1961	July 1961	August 1960	Inter- provincial Pipe Line Company(4)	Montreal Pipe Line Company Limited	Trans- Mountain Oil Pipe Line Company
					barrels				
Receipts									
Receipts:									
From own gathering system		166,044	-	12,934,325	12,470,521	9,770,082			-
From other gathering systems		78,219	-	7, 379, 765	7,326,982	4, 167, 892	3,450,174	-	2,151,769
From other carriers (truck and rail)		8,291	- 0.00	334,434	277,527	213,118	-	-	60
From refineries and processing plants .		217,074	3,830,378	4,226,217	3,800,578	4,319,138	-	5 705 00a	-
Imports	5,982,915	-	24,276	6,007,191	3,883,772	6,636,515	-	5,705,083	•
Total net receipts	26,558,050	469,628	3,854,654	30,882,332	27,759,380	25,106,745	3,450,174	5,705,083	2,151,769
Transfers from other trunk lines	15,108,726	40,828	-	15,149,554	13,817,509	12,697,985	10,262,745	-	2,263,017
Transfers from L.P.G.'s	172,597	-	-	172,597	143,215	-	-	-	
Total gross receipts	41,839,373	510,456	3,854,654	46,204,483	41,720,104	37,804,730	13,712,919	5,705,083	4,414,786
Disposition									
Deliveries to refineries		64,549	-	19,099,371	16,004,890	18,274,101	8,211,232	5,671,496	1,371,405
Exports		39,913	-	5,855,175	6,092,423	2,971,989	3,081,474	-	2,773,701
To other carriers (truck and rail)		21,204		21,204	5,614	49,183	-	-	-
To bulk plants, terminals, etc	8,055	43,120	3,813,497	3,864,672	3,411,368	3,861,893	~		-
Total net deliveries	24,858,139	168,786	3,813,497	28,840,422	25,514,295	25, 157, 166	11,292,706	5,671,496	4,145,106
Transfers to other trunk lines		87,381	-	16,511,491	15,637,910		2,091,945	-	-
Transfers to crude oil stream		172,597	én	172,597	143,215	-	44	49	-
Total gross deliveries	41,282,249	428,764	3,813,497	45,524,510	41,295,420	37,969,686	13,384,651	5,671,496	4,145,106
The latest field	04.070			2/ 252	23 244	017 000 (0)	00.000		
Pipeline fuel Pipeline losses and unaccounted for		1,933	-171	24,952 17,264	21,944	217,959(2)	23,921 12,636	-10,965	881
Inventory changes and other changes		2,322	41,328	612,429	187,702	• •	266, 383	44,552	7,121 261,678
Deliveries to other carriers U.S.A.(3)		77,437	41,520	25,328	194,445	-	25,328	~ ~ ~	201,070
Total disposition	41,839,373	510,456	3,854,654	46,204,483	41,720,104	* *	13,712,919	5,705,083	4,414,786
Crude oil deliveries to U.S.A. at Gretna,				10,424,378(4) 7,317,756(4)	9,654,411(4) 6,662,176(4)				

Does not agree with deliveries to other trunk lines due to slight differences between company reports, Table 4.
 Gathering and trunk.
 For re-entry into Canada.
 Figures not available.
 Includes L.P.G.'s and Condensates.

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

	British Columbia	Alberta	Saskatchewan	Manitoba	Ontario	Quebec	Canada
				barrels			
Receipts							
Receipts:							
From own gathering system	-	9,811,185	2,957,096	-	-	-	12,768,281
From other gathering systems		5,123,520	1,777,822	400,204	-	-	7,301,546
From other carriers (truck and rail)	-	103,763	222,380	-	-	-	326,143
From refineries and processing plants		179,165		-	-	-	179,165
Imports	-	-	46	40	277,832	5,705,083	5,982,915
Total net receipts	-	15,217,633	4,957,298	400,204	277,832	5,705,083	26,558,050
Transfers from other trunk lines	-	8,635,166	1,887,068	4,586,492	_	-	15,108,726
Transfers from L.P.G.'s	-	172,597	-	49	-	-	172,597
Total gross receipts	40.	24,025,396	6,844,366	4,986,696	277,832	5,705,083	41,839,373
Disposition							
Deliveries to refineries	1,371,405	1,788,227	1,575,279	1,034,374	7,594,041	5,671,496	19,034,822
Exports	2,773,701	-	40-	3,041,561	-	-	5,815,262
To other carriers (truck and rail)	•	-	-	-	*	-	-
To bulk plants, terminals, etc	**	8,055	-		-	-	8,055
Total net deliveries	4, 145, 106	1,796,282	1,575,279	4,075,935	7,594,041	5,671,496	24,858,139
Transfers to other trunk lines	~	9,981,276	1,856,060	4,586,774	-		16,424,110
Total gross deliveries	4,145,106	11,777,558	3,431,339	8,662,709	7,594,041	5,671,496	41,282,249
Pipeline fuel							24,952
Pipeline losses and unaccounted for							15,502
Inventory changes		(p	rovincial breakd	iown not availa	able)		516,670
Total disposition							41,839,373
Crude oil deliveries to U.S.A. at Gretna, Man							10,424,378(2
Crude oil received from U.S.A. at Sarnia, Ont							7,317,576

⁽¹⁾ Does not agree with deliveries to other trunk lines due to slight differences between company reports, Table 4.
(2) Includes L.P.G.'s and Condensates.

TABLE 4. Receipts and Disposition of Crude Oil and Liquefied Petroleum Gases - Gathering Lines

	Crude Oil Canada	L.P.G.'s Canada	Total August 1961	July 1961	August 1960
			barrels		
Receipts					
Receipts from fields:					
By gathering systems	18,549,650	351,400	18,901,050	18,092,008	14,328,513
By truck and rail	206,486	78,304	284,790	160,867	256,325
Total net receipts	18,756,136	429,704	19,185,840	18,252,875	14,584,838
Transfers from L.P.G.'s to crude oil stream	22,732	-	22,732	22,454	2,,50,,030
Transfers from other gathering systems	990,358	-	990,358	913, 182	* *
Total gross receipts	19,769,226	429,704	20,198,930	19, 188, 511	• •
B B	,,	,,,	20,270,700	17,100,511	* *
Disposition					
Deliveries:					
To own trunk lines	12,768,281	166,044	12,934,325	12,471,979	10,064,038
To other trunk lines	5,891,509	78,219	5,969,728	5,481,648	4,167,892
To other carriers (truck and rail)	70,478		70,478	60,354	67,288
Refineries and processing plants	103,667	162,228	265,895	258, 182	242,252
Total net deliveries	18,833,935	406,491	19,240,426	18,272,163	14,541,470
ransfers to other gathering systems	929,903	-	929,903	863,565	1,010,610
Transfers to crude oil stream	-	22,732	22,732	22,454	
Total gross deliveries	19,763,838	429,223	20,193,061	19,158,182	15,522,080
Pipeline fuel		-	_	_	
ripeline losses and unaccounted for	-16,975		-16,975	-22,219	
nventory changes	22,363	481	22.844	52,548	
Total disposition	19,769,226	429,704	20,198,930	19,188,511	1 .

.. Figures not available.

TABLE 5. Receipts and Disposition of Crude Oil, by Province - Gathering Lines

			Crude oil		
	British Columbia	Alberta	Saskatchewan	Manitoba	Canada
Receipts			barrels		
Receipts from fields:					
By gathering systems	37,381	13,414,595	4,732,637	365.037	18,549,650
By truck and rail	-	154,332	17,006	35,148	206,486
Total net receipts	37,381	13,568,927	4.749.643	400,185	18,756,136
Transfers from L.P.G.'s to crude oil stream	-	22,732	-	-	22,732
Transfers from other gathering systems		60,455	929,903	_	990,358
Total gross receipts	37,381	13,652,114	5,679,546	400,185	19,769,226
Disposition Deliveries:					
To own trunk lines	-	9,811,185	2,957,096	_	12,768,281
To other trunk lines	-	3,713,483	1,777,822	400,204	5,891,509
To other carriers (truck and rail)	-	47.543	22,935	-	70,478
Refineries and processing plants	54,155	49,512		_	103,667
Total net deliveries	54,155	13,621,723	4,757,853	400,204	18,833,935
Transfers to other gathering systems		-	929,903	-	929,903
Total gross deliveries	54, 155	13.621.723	5,687,756	400,204	19,763,838
ipeline fuel			, , , , , , , , , , , , , , , , , , , ,		, , , , , , , , ,
ipeline losses and unaccounted for					-16,975
nventory changes		(provincial break	down not available)		22,363
Total disposition					19,769,226

TABLE 6. Inventories of Oil Pipe Lines at end of Month

	Crude oil		L.P	.G.¹s	Products	Total
	Gathering	Trunk	Gathering	Trunk	Trunk	August 1961
			barr	els		
chippers' balances	279,022 238,005	11,159,087 1,327,661	4,362 473	47,812 18,417	536,568 5,230	12,026,851 1,589,786
Total inventory	517,027	12,486,748	4,835	66,229	541,798	13,616,637
Oil held in lines	357,211 159,816	7,885,140 4,601,608	4,611 224	22,386 43,843	463,925 77,873	8,733,273 4,883,364
Inventory change, August, 1961	22,363	568,779	481	2,322	41,328	635,273

TABLE 7. Summary of Operating Statistics of Oil Pipe Lines

	Crude oil	L. P.G. *s	Products	All pipelin August, 196		Interprovincia Pipe Line Company(1)	Pipe Line	Trans- Mountain 0il Pipe Line Company
Barrels handled								
Daily average of net deliveries:								
Cathering systems	607,546 801,875	13,113 5,445	123,016	620,659 930,336			182,951	133,713
Daily average of gross deliveries:								
Cathering lines	637,543 1,331,685	13,846 13,831	123,016	651,389 1,468,532			182,951	133,713
Total barrel miles:								
Trunk lines 000's miles	11,713,924	37,536	656,687	12,408,147	9,241,822	7,157,497	400,181	2,733,320
Average miles per barrel: Trunk lines miles	283.8	87.5	172.2	272.6	243.4	529.0	70.6	659.0
Operating revenues, 1961: Three months ended Mar. 31	23,283,457	99,549 184,816	2,623,083 4,132,891	26,006,089 52,479,848			757,942 1,333,977	4,854,007 10,850,465
Twelve months " Dec. 31								
Employees and earnings:	Crude oil and L.P.G. pipelines	Produ pipeli	8 711	elines	August In	terprovincial Pipe Line Company	Montreal Pipe Line . Company, Ltd.	Trans- Mountain Oil Pipe Line Co.
Employees	1,381 726,020	16 94,85		,548 ,876	1,596 831,115	465 248, 213	46 24,109	215 121,780

⁽¹⁾ Includes L.P.G.'s and Condensates.
r Revised figures.



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