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PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

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AUGUST, 1955

Total net deliveries of oil from Canadian pipe lines during August averaged 646,911 barrels per day, compared with 635,456 barrels in July and 450,859 barrels in August 1954.

Net deliveries for the eight months ended August 31, 1955 were 143,415,453 barrels compared with 112,415,352 during the same period last year, an increase of 27.6 per cent. Refinery Products amounted to 17.3 per cent of the total or 24,871,888 barrels as against 21,094,220 in 1954. Provincial deliveries to the end of August were as follows, (1954 data in brackets); British Columbia, 18,837,746 (8,527,734); Alberta, 11,904,927 (11,126,965); Saskatchewan, 10,749,905 (9,285,685); Manitoba, 33,267,464 (27,211,139); Ontario, 24,468,378 (20,960,899); Quebec, 44,187,033 (35,302,930). Manitoba deliveries included 28,453,468 (27,211,139) barrels delivered to the Lakehead Pipe Line Company at Gretna and 4,813,996 (4,400,669) delivered within the province.

Net receipts during August totalled 19,953,257 barrels compared with 14,103,923 in the same month of 1954. Included in the month's receipts were 9,882,073 barrels of Alberta crude and 43,393 of Alberta natural gasoline 624,121 of Saskatchewan crude, 407,111 of Manitoba crude 5,877,900 imported crude and 3,118,659 barrels of refinery products.

Gathering lines handled an average of 338,480 barrels per day against 352,818 in July and 215,740 in August last year an increase of 56.9 per cent over the previous year. Trunk lines handled 825,255 barrels per day in August against 826,378 in July and 555,639 in August 1954.

Employment was up from 1,307 in July to 1,336 in August, and salaries and wages rose from \$528,951 in July to \$534,746 in August.

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.

Note: Data for August 1954 revised.

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

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

	<u>Barrels</u>
Total Received into Systems - all companies - during first eight months of 1955, per table 6	224,161,722
Received into Trunk Lines from other Canadian Pipe Lines	79,682,803
"Net Received" into Canadian Pipe Line Systems	144,478,919
"Net Received" into Trunk Systems per table 1	73,648,064
"Net Received" into Gathering Systems per table 2	70,830,855
Total Delivered out of Systems - all companies - during first eight months of 1955, per table 6	223,276,224
Delivered to other Canadian Pipe Lines	79,860,771
"Net Delivered" from Canadian Pipe Line Systems	143,415,453
"Net Delivered" from Trunk Systems per table 1	136,080,176
"Net Delivered" from Gathering Systems per table 2	7,335,277

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 August and are given herewith:

OIL BALANCE - ALL COMPANIES - AUGUST, 1955

	<u>Barrels</u>	
Total Shippers Balances - January 1, 1955	8,041,597	
Total Carriers Balances - January 1, 1955	379,397	8,420,994
Received into Gathering Systems January 1 to August 31, 1955	70,830,855	
Received into Trunk Systems January 1 to August 31, 1955	180,815,058	251,645,913
Total oil accountable for period		260,066,907
Delivered from Gathering Systems January 1 to August 31, 1955	70,818,138	
Delivered from Trunk Systems January 1 to August 31, 1955	179,942,277	250,760,415
Balance to be accounted for at August 31, 1955		9,306,492
Oil consumed as fuel and losses		137,003
Balance on hand - August 31, 1955		9,169,489
Total Shippers Balances - August 31, 1955	8,689,796	
Total Carriers Balances - August 31, 1955	479,693	

The Interprovincial and Sun Pipe Line Companies operate lines across the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial	Sun Pipe Line
	Pipe Line Company	Company
	Crude Oil	Crude and Refined Oil
	Barrels	Barrels
August, 1954	2,364,401	492,277
July, 1955	3,232,900	476,152
August, 1955	2,795,720	399,808

TABLE 1

OIL[/] CARRIED BY PIPE LINES - TRUNK

	August 1955	July 1955	August 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	25,509,331	26,211,503	17,388,292	180,815,058
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	4,558,003	4,629,207	1,141,741	27,484,191
3. Other pipe lines - Gathering	3,168,916	3,576,307	2,915,278	23,040,842
4. Trunk	8,284,076	8,631,948	5,879,640	56,641,961
5. <u>Net Received (6+7+8)</u>	9,498,336	9,374,041	7,451,633	73,648,064
6. Originating on own trunk lines	3,543,722	3,481,832	4,142,816	28,201,910
7. Received from foreign pipe line connections	5,877,900	5,760,943	3,308,817	44,261,326
8. Received from other carriers (rail & truck)	76,714	131,266	-	1,184,828
9. <u>Total Delivered * (10+11)</u>	25,582,922	25,617,707	17,224,823	179,942,277
10. Less: Delivered to other Canadian trunk lines	6,767,449	7,005,421	4,342,650	43,862,101
11. <u>Net Delivered (12+13+14)</u>	18,815,473	18,612,286	12,882,173	136,080,176
12. Terminated on own trunk lines	13,209,648	13,403,229	9,491,758	101,471,678
13. Delivered to foreign pipe line connections	5,580,642	5,190,254	3,389,808	34,443,948
14. Delivered to other carriers (rail & truck)	25,183	18,803	607	164,550

TABLE 2

OIL[/] CARRIED BY PIPE LINES - GATHERING

	August 1955	July 1955	x August 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	10,454,921	10,974,871	6,652,290	70,830,855
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	10,454,921	10,974,871	6,652,290	70,830,855
18. Originating on own gathering system	10,108,441	10,738,636	6,410,365	68,927,611
19. Received from other carriers (rail & truck)	346,480	236,235	241,925	1,903,244
20. <u>Total Delivered * (21+22+23)</u>	10,492,877	10,937,367	6,879,954	70,818,138
Less: Delivered to other pipe lines -				
21. Own Trunk system	4,558,003	4,629,207	1,141,741	27,484,191
22. Other pipe lines	4,696,102	5,221,302	4,451,739	35,998,670
23. <u>Net Delivered (24+25)</u>	1,238,772	1,086,858	1,094,474	7,335,277
24. Terminated on gathering systems	1,037,275	889,686	936,595	5,707,937
25. Delivered to other carriers (rail & truck)	201,497	197,172	157,879	1,627,340

[/] Includes natural gasoline and products.

* Includes duplications.

[/] Includes natural gasoline.

x Revised.

TABLE 3

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

Province		August	July	x August	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,424,313	10,034,318	6,373,585	65,258,710
"	- Trunk	557,411	581,787	1,726,157	4,882,485
Saskatchewan	- Gathering	623,497	558,973	66,091	3,164,789
"	- Trunk	624	-	-	2,722
Manitoba	- Gathering	407,111	381,580	212,614	2,407,356
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,813,687	1,976,006	1,391,182	15,222,691
Quebec (3)	- Trunk	7,126,614	6,816,248	4,334,294	53,540,166
Net Received	- Gathering	10,454,921	10,974,871	6,652,290	70,830,855
"	- Trunk	9,498,336	9,374,041	7,451,633	73,648,064
"	- Total	19,953,257	20,348,912	14,103,923	144,478,919

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED OR WERE TRANSFERRED TO OTHER CARRIERS

Province		August	July	x August	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia ⁴	- Trunk	2,836,918	2,646,781	1,298,190	18,837,746
Alberta (1)	- Gathering	1,183,367	1,052,045	1,023,805	6,880,081
"	- Trunk	628,345	695,243	612,029	5,024,846
Saskatchewan	- Gathering	55,405	34,813	70,669	455,196
"	- Trunk	1,443,679	1,448,189	1,210,198	10,294,709
Manitoba ⁶	- Trunk	4,988,643	5,050,178	4,002,410	33,267,464
Ontario (2)	- Trunk	3,061,459	3,030,085	2,415,405	24,468,378
Quebec	- Trunk	5,856,429	5,741,810	3,343,941	44,187,033
Net Delivered	- Gathering	1,238,772	1,086,858	1,094,474	7,335,277
"	- Trunk	18,815,473	18,612,286	12,882,173	136,080,176
"	- Total	20,054,245	19,699,144	13,976,647	143,415,453
⁴ Including exports to U.S.A. at Sumas, B.C.		1,132,404	843,600	-	5,990,480
⁶ Including deliveries to U.S. pipe lines, Gretna, Man.		4,448,238	4,346,654	3,389,808	28,453,468

TABLE 5

OPERATING STATISTICS

		August	July	x August	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	338,480	352,818	215,740	291,433
Trunk Lines	"	825,255	826,378	555,639	740,503
Total Barrel Miles (Trunk Lines)	Millions	7,605	7,508	5,589	52,684
Average Miles Per Barrel (Trunk Lines)	Miles	297.3	293.0	324.5	292.8
Employees and Earnings (6)					
Average Number (4)	No.	1,336	1,307	1,215	1,248
Total Salaries and Wages	\$	534,746	528,951	472,154	4,006,241
Man-Hours Worked by Wage Earners (5) (6)	Hours	60,751	61,863	54,732	444,669

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

x Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

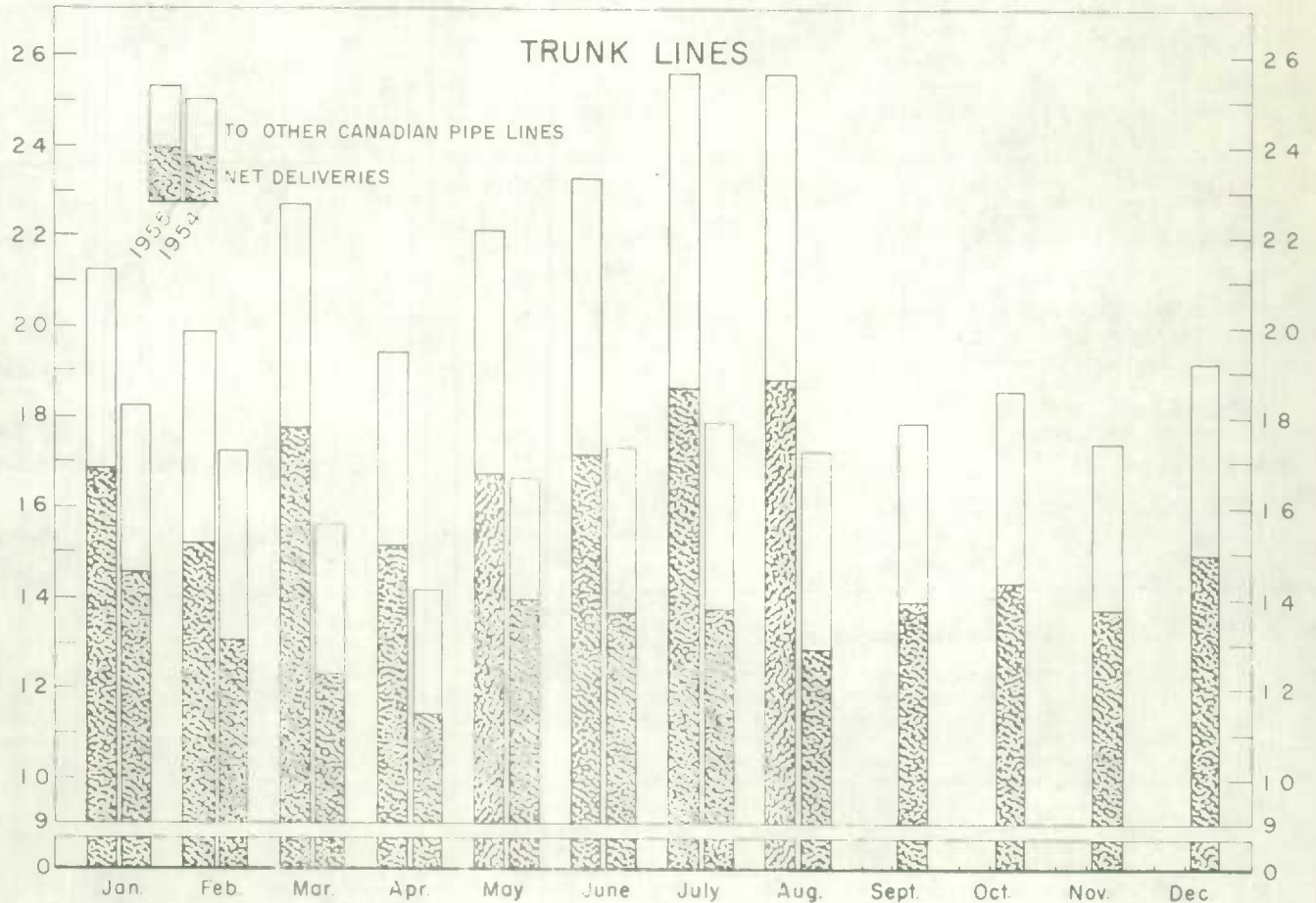
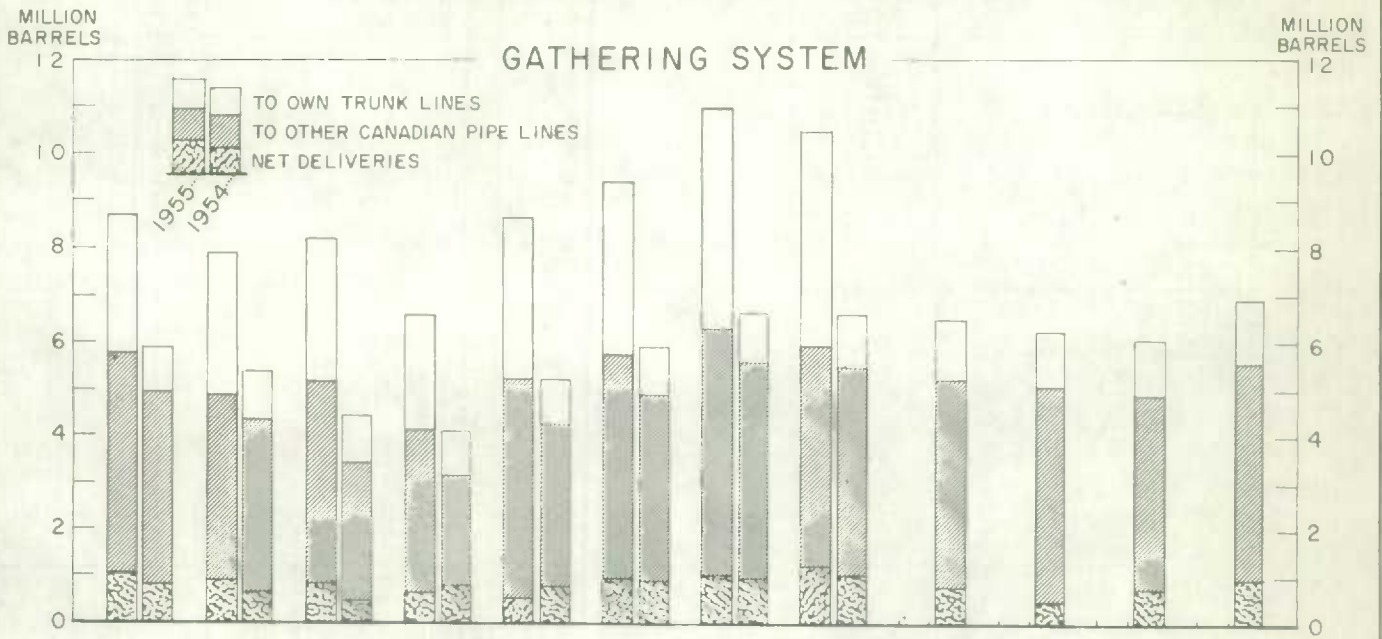
August, 1955

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter-provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*						
<u>Total Received into System</u>						
This month (August, 1955)	4,717,393	7,630,865	5,877,900	2,813,914	(2) 10,366,177	31,406,249
This year (8 months)	34,950,963	52,041,374	44,261,326	19,246,007	(3) 73,662,052	224,161,722
<u>Total Delivered out of System</u>						
This month (August, 1955)	4,752,787	7,647,333	5,856,429	2,836,918	(4) 10,424,329	31,517,796
This year (8 months)	34,973,467	51,859,725	44,187,033	18,837,746	(5) 73,418,253	223,276,224
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (August, 1955)	153,316	-	-	-	185,164	338,480
This year (8 months)	143,924	-	-	-	147,509	291,433
<u>Trunk Lines</u>						
This month (August, 1955)	-	246,688	188,917	91,513	298,137	825,255
This year (8 months)	-	213,415	181,840	77,522	267,726	740,503
<u>Total Barrel Miles</u>						
<u>(Trunk Lines - in millions)</u>						
This month (August, 1955)	-	4,091	430	1,977	1,107	7,605
This year (8 months)	-	28,350	3,250	13,173	7,911	52,684
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (August, 1955)	-	535.0	73.5	697.0	119.8	297.3
This year (8 months)	-	547.0	73.5	699.0	121.6	292.8
OPERATING REVENUES						
Three Months ending March 31, 1955	969,737	4,345,246	<u>Dollars</u> 542,496	2,967,898	(7) 4,054,992	12,880,369
Six Months ending June 30, 1955	1,887,471	9,255,047	1,141,931	6,228,624	(7) 8,226,056	26,739,129
Nine Months ending Sept. 30, 1955						
Twelve Months ending Dec. 31, 1955						
EMPLOYEES AND EARNINGS						
<u>Number of Employees</u>						
	194	420	<u>Number</u> 61	172	(6) 489	1,336
<u>Salaries and Wages</u>						
<u>Dollars</u>						
This month (August, 1955)	74,195	172,882	24,575	78,752	(6) 184,342	534,746
This year (8 months)	573,066	1,316,510	172,737	591,226	(6) 1,352,702	4,006,241
<u>Man-Hours Worked by Wage Earners</u>						
<u>Hours</u>						
This month (August)	24,056	449	2,975	2,840	(6) 30,431	60,751
This year (8 months)	191,023	3,500	12,000	11,117	(6) 227,029	444,669

* Totals include duplication between companies.

- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid-Saskatchewan Pipe Lines Ltd.; Nisku Products Pipe Line Company, Limited; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company, Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 3,118,659 bbls. products and 43,393 bbls. natural gasoline.
- (3) Includes 24,905,722 bbls. products and 386,688 bbls. natural gasoline.
- (4) Includes 3,118,060 bbls. products and 45,289 bbls. natural gasoline.
- (5) Includes 24,871,888 bbls. products and 383,378 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. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Nisku Products Pipe Line Company, Limited and Valley Pipe Line Company, Ltd.
- (7) Excludes Anglo American Exploration Company and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



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