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PIPE LINES (OIL) STATISTICS

JULY, 1956

Oil pipe lines in Canada recorded a net delivery in July of 21,323,989 barrels, or an average of 687,871 barrels per day. This was an increase of 17,113 barrels or 2.5 p.c. over the June average of 670,758 and 8.2 p.c. over the deliveries of July last year.

Total net deliveries for the seven months ended July 31, 1956, were 150,752,227 barrels, compared with 123,361,208 barrels recorded in the same period last year. Provincial deliveries for the seven months were as follows (1955 data in brackets): British Columbia 23,548,920 barrels (16,000,828); Alberta 8,825,660 barrels (10,093,215); Saskatchewan 9,531,091 barrels (9,250,821); Manitoba 40,076,572 barrels (28,278,821); Ontario 24,719,794 barrels (21,406,919); and Quebec 44,050,190 barrels (38,330,604). Manitoba deliveries included 34,477,895 barrels (24,005,230) transferred to the Lakehead Pipe Line Company at Gretna. Of this amount a total of 9,847,747 barrels (1,630,272) was for export while the remainder was destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4. These figures have been revised to include all deliveries at dock for export.

Net receipts for the month amounted to 22,840,001 barrels compared with 21,378,151 in June and 20,348,912 in the corresponding month last year. Included in July receipts were 11,562,226 barrels of Alberta crude, 41,302 barrels of Alberta natural gasoline, 514,152 barrels of Manitoba crude, 898,508 barrels of Saskatchewan crude, 6,459,234 barrels of imported crude and 3,364,579 barrels of refinery products.

Gathering systems handled an average of 402,402 barrels per day compared with 377,004 barrels in June and 352,818 barrels one year earlier. Trunk lines delivered 951,912 barrels per day in the month under review, compared with 914,245 in June and 826,378 in July 1955.

Employment and earnings reached a new high for the third month in succession, with 1,564 employees earning \$670,493 as compared with 1,515 employees in June earning \$651,043. Barrel miles rose to 8,946 million from 8,105 in June and 7,508 in July 1955, an increase of 19 p.c. over the previous year.

The Westpur Pipe Line Company carrying oil from the Alida area in Southern Saskatchewan to connect with the Interprovincial pipe line at Cromer, Manitoba, is included for the first time in this report.

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., Mobil Oil of Canada, 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.

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 inter-company transfers of oil. These differences are accounted for in the following table.

	<u>Barrels</u>
Total Received into Systems - all companies - during first seven months of 1956, per table 6	242,720,822
Received into Trunk Lines from other Canadian Pipe Lines	88,120,798
"Net Received" into Canadian Pipe Line Systems	154,600,024
"Net Received" into Trunk Systems per table 1	72,706,297
"Net Received" into Gathering Systems per table 2	81,893,727
Total Delivered out of Systems - all companies - during first seven months of 1956, per table 6	241,366,724
Delivered to other Canadian Pipe Lines	90,614,497
"Net Delivered" from Canadian Pipe Line Systems	150,752,227
"Net Delivered" from Trunk Systems per table 1	145,609,533
"Net Delivered" from Gathering Systems per table 2	5,142,694

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 July and are given herewith:

OIL BALANCE - ALL COMPANIES - JULY, 1956

	<u>Barrels</u>	
Total Shippers Balances - January 1, 1956	8,937,210	
Total Carriers Balances - January 1, 1956	375,411	9,312,621
Received into Gathering Systems January 1 to July 31, 1956	81,893,727	
Received into Trunk Systems January 1 to July 31, 1956	203,501,122	285,394,849
Total oil accountable for period		294,707,470
Delivered from Gathering Systems January 1 to July 31, 1956	81,935,455	
Delivered from Trunk Systems during January 1 to July 31, 1956	202,103,577	284,039,032
Balance to be accounted for at July 31, 1956		10,668,438
Oil consumed as fuel and losses January 1 to July 31, 1956		299,475
Balance on hand - July 31, 1956		10,368,963
Total Shippers Balances - July 31, 1956	9,785,654	
Total Carriers Balances - July 31, 1956	583,309	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company	Sun Pipe Line Company
	Crude Oil	Crude and Refined Oil
	Barrels	Barrels
July 1955	3,232,900	476,152
June 1956	2,607,286	564,970
July 1956	3,662,145	611,187

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	July 1956	June 1956	July 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	30,032,772	27,648,595	26,211,503	203,501,122
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	6,774,015	5,968,364	4,629,207	42,674,027
3. Other pipe lines - Gathering	3,096,402	2,859,334	3,576,307	20,593,420
4. Trunk	9,806,651	8,765,607	8,631,948	67,527,378
5. <u>Net Received (6+7+8)</u>	10,355,704	10,055,290	9,374,041	72,706,297
6. Originating on own trunk lines	3,764,851	3,532,296	3,481,832	27,914,410
7. Received from foreign pipe line connections	6,459,234	6,438,531	5,760,943	44,116,796
8. Received from other carriers (rail & truck)	131,619	84,463	131,266	675,091
9. <u>Total Delivered * (10+11)</u>	29,695,299	27,427,377	25,617,707	202,103,577
10. Less: Delivered to other Canadian trunk lines	8,660,774	7,542,066	7,005,421	56,494,044
11. <u>Net Delivered (12+13+14)</u>	21,034,525	19,885,311	18,612,286	145,609,533
12. Terminated on own trunk lines	14,166,756	13,891,735	13,403,229	100,203,122
13. Delivered to foreign pipe line connections	6,001,270	5,863,903	5,190,254	43,377,164
14. Delivered to other carriers (truck, rail and water)	866,499	129,673	18,803	2,029,247

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	July 1956	June 1956	July 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	12,484,297	11,322,861	10,974,871	81,893,727
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	12,484,297	11,322,861	10,974,871	81,893,727
18. Originating on own gathering system	12,069,713	11,075,959	10,738,636	79,911,813
19. Received from other carriers (rail & truck)	414,584	246,902	236,235	1,981,914
20. <u>Total Delivered * (21+22+23)</u>	12,474,476	11,310,133	10,937,367	81,935,455
Less: Delivered to other pipe lines -				
21. Own Trunk system	6,774,015	5,968,364	4,629,207	42,672,308
22. Other pipe lines	5,410,997	5,104,345	5,221,302	34,120,453
23. <u>Net Delivered (24+25)</u>	289,464	237,424	1,086,858	5,142,694
24. Terminated on gathering systems	67,546	72,147	889,686	3,655,714
25. Delivered to other carriers (rail & truck)	221,918	165,277	197,172	1,486,980

∧ Includes natural gasoline and products.

* Includes duplications.

♯ Includes natural gasoline.

TABLE 3

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

Province		July	June	July	YEAR TO DATE
		1956	1956	1955	1956
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,107,536	10,158,086	10,034,318	73,523,617
"	- Trunk	556,238	517,263	581,787	3,828,233
Saskatchewan	- Gathering	862,609	702,571	558,973	5,173,603
"	- Trunk	35,899	16,640	-	68,180
Manitoba	- Gathering	514,152	462,204	381,580	3,196,507
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,780,079	1,613,123	1,976,006	14,378,386
Quebec (3)	- Trunk	7,983,488	7,908,264	6,816,248	54,431,498
Net Received	- Gathering	12,484,297	11,322,861	10,974,871	81,893,727
"	- Trunk	10,355,704	10,055,290	9,374,041	72,706,297
"	- Total	22,840,001	21,378,151	20,348,912	154,600,024

TABLE 4

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

Province		July	June	July	YEAR TO DATE
		1956	1956	1955	1956
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,646,958	2,951,098	2,646,781	23,548,920
Alberta (1)	- Gathering	174,200	134,337	1,052,045	4,342,105
"	- Trunk	530,786	526,475	695,243	4,483,555
Saskatchewan	- Gathering	115,264	103,087	34,813	800,589
"	- Trunk	1,063,845	1,305,848	1,448,189	8,730,502
Manitoba	- Trunk	6,073,803	5,537,737	5,050,178	40,076,572
Ontario (2)	- Trunk	3,302,868	3,085,756	3,030,085	24,719,794
Quebec	- Trunk	6,416,265	6,478,397	5,741,810	44,050,190
Net Delivered	- Gathering	289,464	237,424	1,086,858	5,142,694
"	- Trunk	21,034,525	19,885,311	18,612,286	145,609,533
"	- Total	21,323,989	20,122,735	19,699,144	150,752,227
⚡	Including exports to U.S.A.	1,591,627	* 1,050,536	843,600	*10,774,180
⚡	Including deliveries to U.S. pipe lines, Gretna, Man.	5,259,894	4,935,191	4,346,654	34,477,895

* Revised

TABLE 5

OPERATING STATISTICS

		July	June	July	YEAR TO DATE
		1956	1956	1955	1956
Barrels Handled - Daily Average					
Gathering Systems	Barrels	402,402	377,004	352,818	384,673
Trunk Lines	"	951,912	914,245	826,378	948,843
Total Barrel Miles (Trunk Lines)	Millions	8,946	8,105	7,508	59,836
Average Miles Per Barrel (Trunk Lines)	Miles	301.3	295.5	293.0	296.0
Employees and Earnings (6)					
Average Number (4)	No.	1,564	1,515	1,307	1,426
Total Salaries and Wages	\$	670,493	651,043	528,951	4,292,551
Man-Hours Worked by Wage Earners (5) (6)	Hours	74,120	67,074	61,863	448,619

(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.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

July, 1956

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 July, 1956	4,479,328	7,900,907	6,459,234	3,657,923	(2) 13,245,662	35,743,054
This year (7 months)	31,322,005	55,185,375	44,116,796	24,116,078	(3) 87,980,568	242,720,822
<u>Total Delivered out of System</u>						
This month July, 1956	4,480,561	7,735,138	6,416,265	3,646,958	(4) 13,116,838	35,395,760
This year (7 months)	31,352,829	54,778,208	44,050,190	23,548,920	(5) 87,636,577	241,366,724
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month July, 1956	144,534	-	-	-	257,868	402,402
This year (7 months)	147,196	-	-	-	237,447	384,673
<u>Trunk Lines</u>						
This month July, 1956	-	206,976	249,521	117,644	383,771	957,912
This year (7 months)	-	206,808	257,175	110,558	374,302	948,843
<u>Total Barrel Miles</u>						
<u>(Trunk Lines - in millions)</u>						
This month July, 1956	-	4,539	473	2,543	1,391	8,946
This year (7 months)	-	31,439	3,245	16,403	8,749	59,836
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month July, 1956	-	587.0	73.7	697.0	116.9	301.3
This year (7 months)	-	574.0	73.7	697.0	109.7	296.0
OPERATING REVENUES						
Three Months ending March 31, 1956	965,948	5,986,021	<u>Dollars</u> 624,367	5,252,344	(7) 5,543,545	18,372,225
Six Months ending June 30, 1956	1,871,676	11,660,890	1,277,408	9,397,247	(7) 10,807,672	35,014,893
Nine Months ending Sept. 30, 1956						
Twelve Months ending Dec. 31, 1956						
EMPLOYEES AND EARNINGS						
Number of Employees	178	419	<u>Number</u> 58	215	(6) 694	1,564
<u>Salaries and Wages</u>						
This month July, 1956	69,537	193,980	<u>Dollars</u> 24,479	99,320	(6) 283,177	670,493
This year (7 months)	564,228	1,255,509	153,124	642,306	(6) 1,677,384	4,292,551
<u>Man-Hours Worked by Wage Earners</u>						
This month July, 1956	21,494	609	<u>Hours</u> 1,805	2,488	(6) 47,724	74,120
This year (7 months)	155,984	3,786	6,525	10,705	(6) 271,619	448,619

* Totals include duplication between companies.

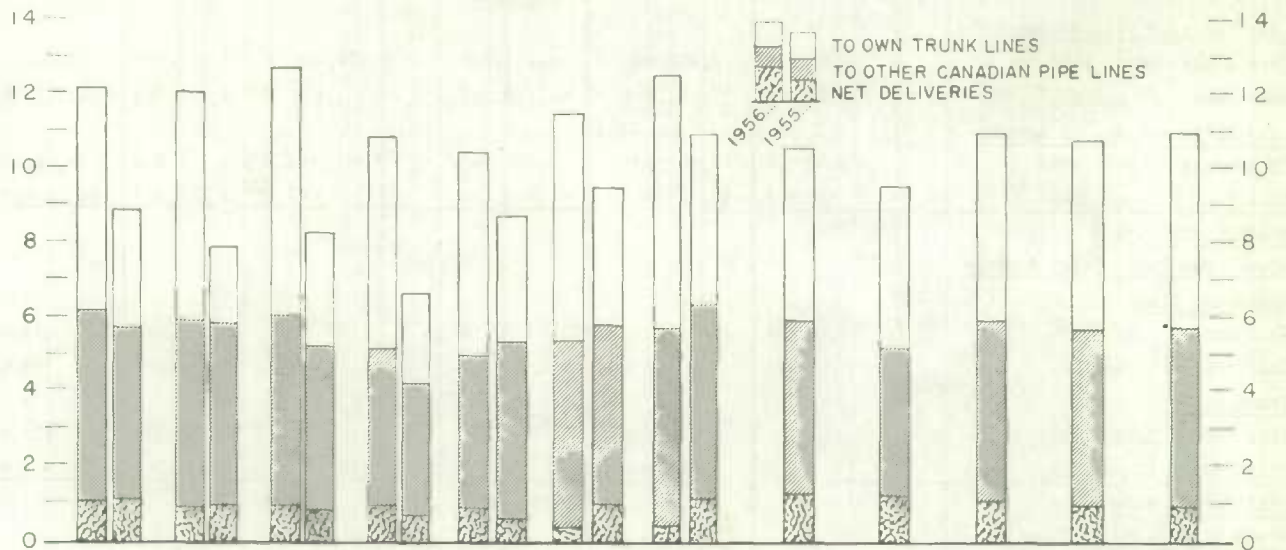
- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid Saskatchewan Pipe Lines Ltd.; Mobil Oil of Canada, Ltd; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company Ltd; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines 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; Westspur Pipe Line Company; and Winnipeg Pipe Line Company Limited.
- (2) Includes 3,364,579 bbls. products and 41,302 bbls. natural gasoline.
- (3) Includes 25,205,792 bbls. products and 360,935 bbls. natural gasoline.
- (4) Includes 3,363,541 bbls. products and 42,469 bbls. natural gasoline.
- (5) Includes 25,233,007 bbls. products and 361,702 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; Mobil Oil of Canada Ltd; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; and Valley Pipe Line Company, Ltd.
- (7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Ltd; and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

MILLION
BARRELS

GATHERING SYSTEM

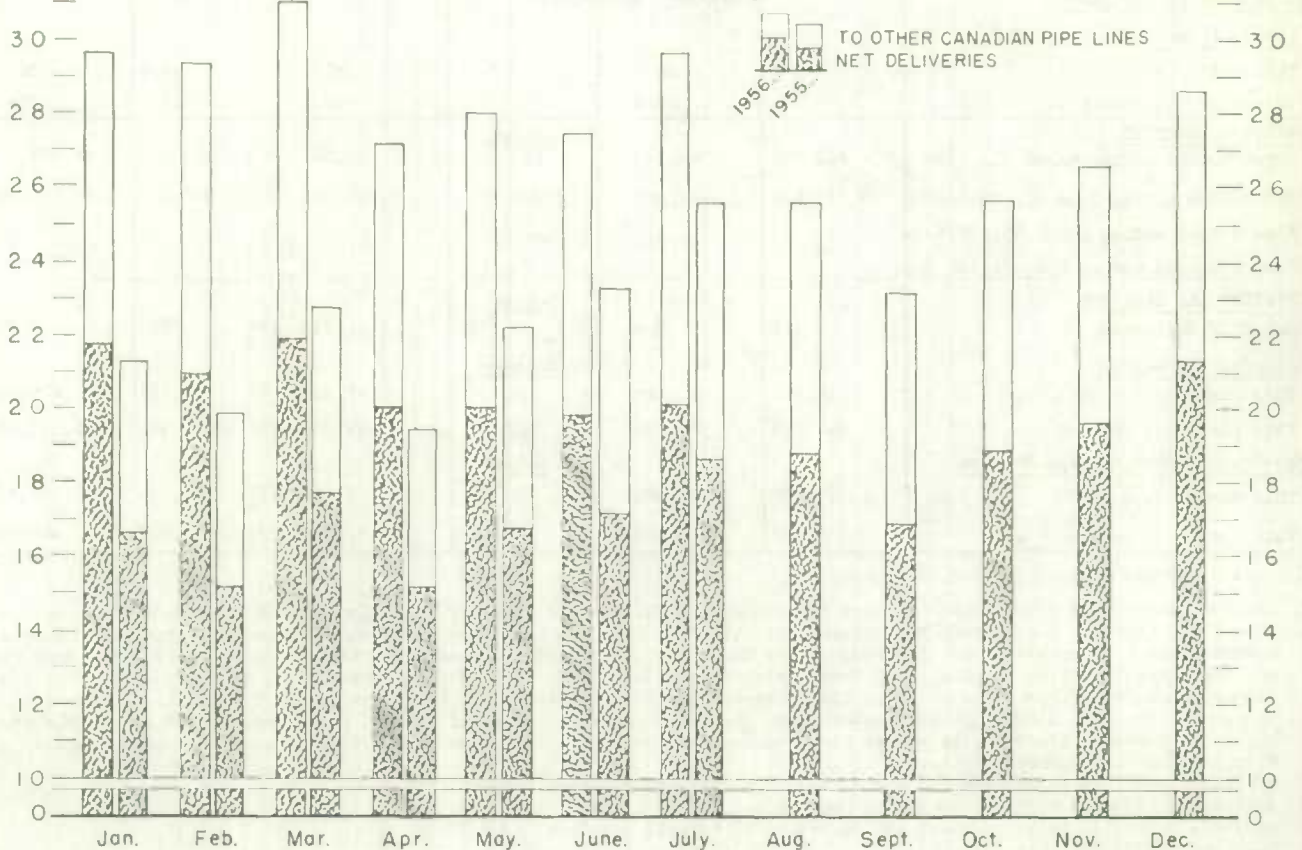
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BARRELS



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TRUNK LINES

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