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OIL PIPE LINE TRANSPORT

formerly

Pipe Lines (Oil) Statistics

January, 1959

DOMINION BUREAU
OF STATISTICS

APR 10 '59

Canadian oil pipe line net deliveries reached an all time high in January, at 28,159,769 barrels, some 2,926,879 barrels or 11.6 p.c. above the 25,232,890 reported in January 1958 and 3.7 p.c. above the previous high of 27,167,374 in January 1957. The daily average delivery of 908,380 barrels compared with 813,964 barrels in January 1958 and 836,778 in December. Barrel miles at 10,923 million were 21 p.c. above the 9,029 million reported one year ago and 14.5 p.c. above the previous month. The average length of haul increased to 265.1 miles from 239.0 in January 1958 and 252.1 miles in December. Exports were down 22.7 p.c. to 2,604,017 barrels from the January 1958 total of 3,367,219 but up 20.4 p.c. from the 2,162,144 reported in December.

Provincial deliveries in barrels for the month were as follows (1958 data in brackets): British Columbia 2,758,791 (3,460,424); Alberta 1,241,427 (1,325,286); Saskatchewan 1,859,879 (1,418,917); Manitoba 9,554,781 (7,829,303); Ontario 4,989,263 (4,244,313); Quebec 7,755,628 (6,954,647). Included in Manitoba deliveries were 8,533,084 barrels (6,751,207) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe are shown in a footnote to table 4.

Gathering systems handled an average of 528,498 barrels per day as compared with 452,711 barrels in January 1958. Trunk line deliveries rose to a daily average of 1,328,973 barrels from 1,181,318 in the corresponding month last year and 1,220,191 in the previous month.

Net receipts during January totalled 29,053,250 barrels, 11.7 p.c. above the 26,801,081 barrels reported for December 1958. Receipts for the month were comprised of 12,148,635 barrels of Alberta crude and 56,521 barrels of Alberta natural gasoline, 3,570,386 barrels of Saskatchewan crude, 421,389 barrels of Manitoba crude, 7,793,085 barrels of imported crude and 5,063,234 barrels of refinery products.

Compared with January 1958, the number of employees dropped 6.7 p.c. to 1,550 from 1,661, while average earnings at \$492 were up by 4.9 p.c. from \$469.

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 of the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
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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.

	Barrels
Total Received into Systems - all companies -	
during January, 1959 per table 6	46,662,948
Received into Trunk Lines from other Canadian Pipe Lines	17,609,698
"Net Received" into Canadian Pipe Line Systems	29,053,250
"Net Received" into Trunk Systems per table 1	13,370,880
"Net Received" into Gathering Systems per table 2	15,682,370
Total Delivered out of Systems - all companies -	
during January, 1959, per table 6	47,316,950
Delivered to other Canadian Pipe Lines	19,157,181
"Net Delivered" from Canadian Pipe Line Systems	28,159,769
"Net Delivered" from Trunk Systems per table 1	27,993,639
"Net Delivered" from Gathering Systems per table 2	166,130

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 January and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY 31, 1959

Total Shippers Balances - January 1, 1959	10,578,165	
Total Carriers Balances - January 1, 1959	1,068,896	11,647,061
Received into Gathering Systems during January, 1959	16,384,452	
Received into Trunk Systems during January, 1959	41,245,205	57,629,657
Total oil accountable for period		69,276,718
Delivered from Gathering Systems during January, 1959	16,383,429	
Delivered from Trunk Systems during January, 1959	41,198,148	57,581,577
Balance to be accounted for at January 31, 1959		11,695,141
Oil consumed as fuel and losses during January, 1959		46,456
Balance on hand - January 31, 1959		11,648,685
Total Shippers Balances - January 31, 1959	10,516,210	
Total Carriers Balances - January 31, 1959	1,132,475	

The Interprovincial Pipe Line Company operates some 1,600 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. This short line was extended in the fall of 1957 to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson 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, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with April, 1958 the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
January, 1958	3,387,903	1,564,620	340,906
December, 1958	4,319,251	1,986,673	165,328
January, 1959	3,678,575	2,808,820	188,397

TABLE 1

OIL[/] CARRIED BY PIPE LINES - TRUNK

	January 1959	December ^x 1958	January 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	41,245,205	38,161,760	36,676,970	
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	10,264,627	9,519,937	9,208,371	
3. Other pipe lines - Gathering	6,243,166	5,895,301	5,282,400	
4. Trunk	11,366,532	10,361,635	10,231,353	
5. Net Received (6+7+8)	13,370,880	12,384,887	11,954,846	
6. Originating on own trunk lines	5,391,969	5,148,874	4,620,087	
7. Received from foreign pipe line connections	7,793,085	7,061,013	6,958,958	
8. Received from other carriers (rail & truck)	185,826	175,000	375,801	
9. <u>Total Delivered * (10+11)</u>	41,198,148	37,825,919	36,620,847	
10. Less: Delivered to other Canadian trunk lines	13,204,509	12,046,842	11,536,862	
11. Net Delivered (12+13+14)	27,993,639	25,779,077	25,083,985	
12. Terminated on own trunk lines	18,630,951	17,527,408	16,636,029	
13. Delivered to foreign pipe line connections	9,324,475	8,213,479	8,363,727	
14. Delivered to other carriers (truck, rail & water)	38,213	38,190	84,229	

TABLE 2

OIL⁶ CARRIED BY PIPE LINES - GATHERING

	January 1959	December ^x 1958	January 1958	YEAR TO DATE 1959
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	16,384,452	15,138,781	14,053,696	
16. Less: Received from other gathering systems	702,082	722,587	-	
17. Net Received (18+19)	15,682,370	14,416,194	14,053,696	
18. Originating on own gathering system	15,284,895	14,107,055	13,875,036	
19. Received from other carriers (rail & truck)	397,475	309,139	178,660	
20. <u>Total Delivered * (21+22+23)</u>	16,383,429	15,106,657	14,034,042	
Less: Delivered to other pipe lines -				
21. Own Trunk system	10,264,627	9,519,937	9,208,700	
22. Other pipe lines	5,952,672	5,425,691	4,676,437	
23. Net Delivered (24+25)	166,130	161,029	148,905	
24. Terminated on gathering systems	76,622	85,609	60,460	
25. Delivered to other carriers (rail & truck)	89,508	75,420	88,445	

[/] Includes natural gasoline and refinery products.

* Includes duplications.

⁶ Includes natural gasoline.

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TABLE 3

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

Province		January 1959	December ^x 1958	January 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,901,084	10,663,587	10,274,133	
"	- Trunk	393,458	412,994	433,749	
Saskatchewan	- Gathering	3,359,897	3,309,917	3,259,812	
"	- Trunk	210,489	218,421	349,269	
Manitoba	- Gathering	421,389	442,690	519,751	
"	- Trunk	-	-	-	
Ontario (2)	- Trunk	3,226,596	3,274,030	2,636,913	
Quebec (3)	- Trunk	9,540,337	8,479,442	8,534,915	
Net Received	- Gathering	15,682,370	14,416,194	14,053,696	
" "	- Trunk	13,370,880	12,384,887	11,954,846	
" "	- Total	29,053,250	26,801,081	26,008,542	

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		January 1959	December 1958	January 1958	YEAR TO DATE 1959
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,758,791	2,334,321	3,460,424	
Alberta (1)	- Gathering	109,601	126,461	101,576	
"	- Trunk	1,131,826	1,030,681	1,223,710	
Saskatchewan	- Gathering	56,529	34,568	47,329	
"	- Trunk	1,803,350	1,666,629	1,371,588	
Manitoba ⁶	- Trunk	9,554,781	8,949,631	7,829,303	
Ontario (2)	- Trunk	4,989,263	4,696,242	4,244,313	
Quebec	- Trunk	7,755,628	7,101,573	6,954,647	
Net Delivered	- Gathering	166,130	161,029	148,905	
" "	- Trunk ⁶	27,993,639	25,779,077	25,083,985	
" "	- Total	28,159,769	25,940,106	25,232,890	
" "	- Daily average	908,380	836,778	813,964	
⁶	Includes deliveries to U.S. pipe lines, Grtns, Man.	8,533,084	7,903,423	6,751,207	
⁶	Includes exports -				
	via Trans Mountain Oil Pipe Line Company	791,391	310,056	1,612,520	
	via Interprovincial Pipe Line Company	1,812,626	1,852,088	1,754,699	

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		January 1959	December ^x 1958	January 1958	YEAR TO DATE 1959
Barrels Handled - Daily Average					
Gathering Systems	Barrels	528,498	487,311	452,711	
Trunk Lines	"	1,328,973	1,220,191	1,181,318	
Total Barrel Miles (Trunk Lines)	Millions	10,923	9,537	9,029 ⁽⁷⁾	
Average Miles Per Barrel (Trunk Lines)	Miles	265.1	252.1	239.0	
Employees and Earnings (6)					
Average Number (4)	No.	1,550	1,656	1,661	
Total Salaries and Wages	\$	762,099	773,745	779,817	
Man-Hours Worked by Wage Earners (5) (6)	Hours	72,714	71,517	74,934	

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amarex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils Ltd., Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnis Products Line, Valley Pipe Line Company, Ltd. and Westspur Pipe Line Company.

(7) Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).

x Revised.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES
January, 1959

	Imperial Pipe Line Company, Ltd.	Inter- provincial Pipe Line Company	Montreal Pipe Line Company Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				- Barrels -			
<u>Total Received into System</u>							
This month January, 1959	3,518,549	11,626,011	7,793,085	2,685,835	3,359,459	(2) 17,680,009	46,662,948
This year							
<u>Total Delivered out of System</u>							
This month January, 1959	3,522,566	11,427,316	7,755,628	2,758,791	3,430,737	(3) 18,421,912	47,316,950
This year							
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month January, 1959	113,631	-	-	-	108,383	306,484	528,498
This year							
<u>Trunk Lines</u>							
This month January, 1959	-	368,623	250,182	88,993	110,669	510,506	1,328,973
This year							
<u>Total Barrel Miles (Trunk Lines)</u>				<u>Miles</u>			
<u>in millions</u>							
This month January, 1959	-	6,547	547	1,866	238	1,725	(5) 10,923
This year							
<u>Average Miles Per Barrel (Trunk Lines)</u>							
This month January, 1959	-	532.0	70.6	676.0	69.5	108.9	265.1
This year							
OPERATING REVENUES 1959				<u>Dollars</u>			
Three months ended Mar. 31							
Six months " June 30							
Nine months " Sept. 30							
Twelve months " Dec. 31							
EMPLOYEES AND EARNINGS				<u>Number</u>			
Employees, January, 1959	138	414	51	218	145	(4) 584	1,550
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month January, 1959	65,444	201,656	25,617	115,958	75,300	(4) 278,124	762,099
This year							
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month January, 1959	15,400	692	6,251	-	14,153	(4) 36,218	72,714
This year							

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

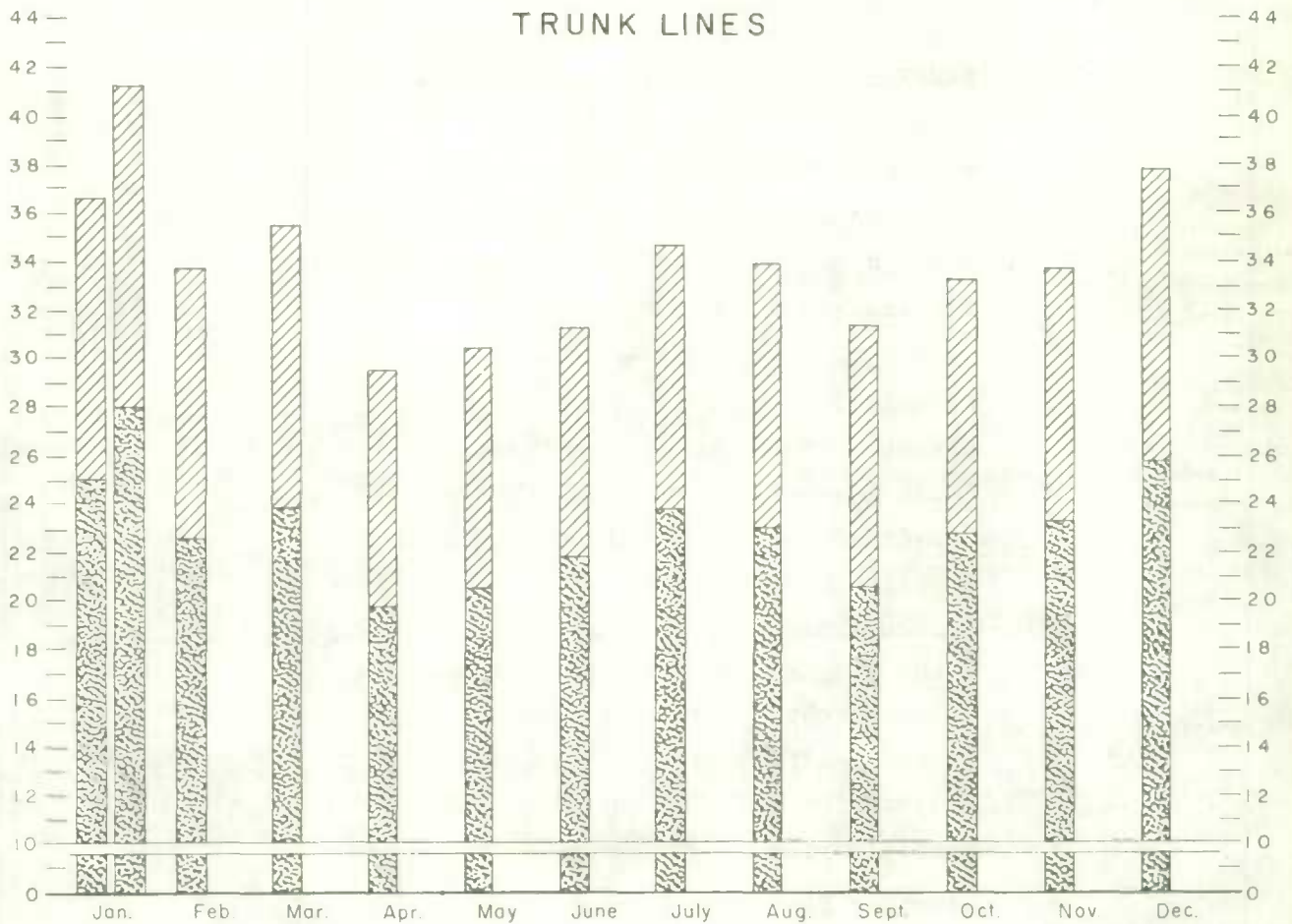
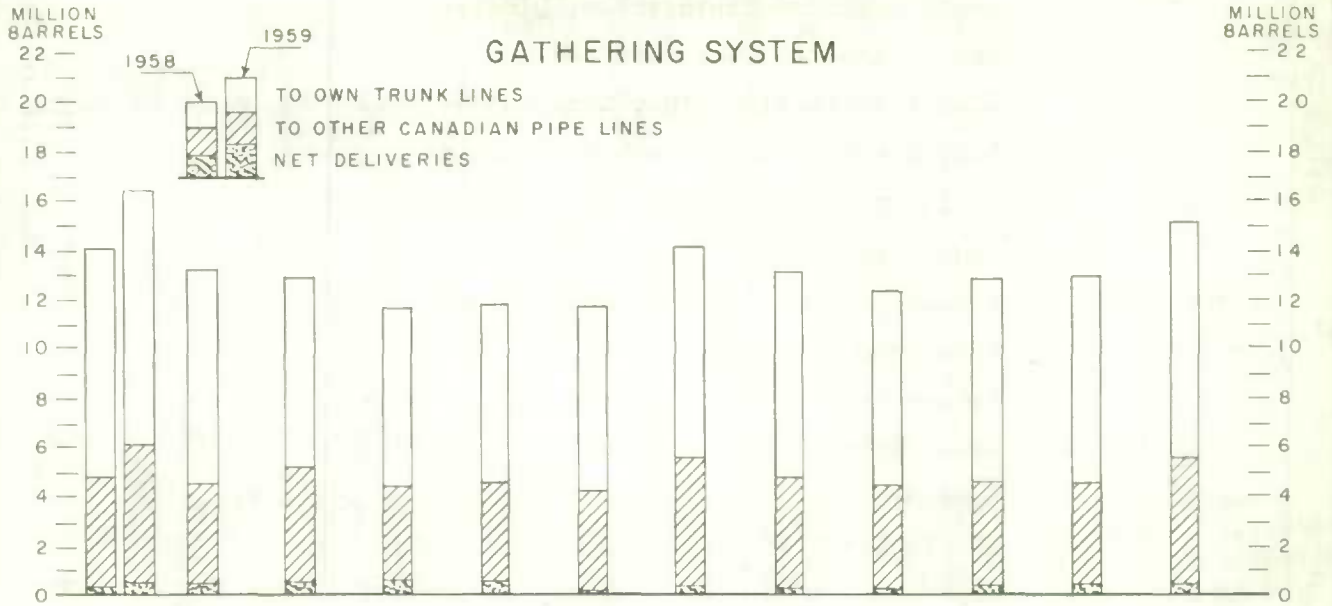
(2) Includes 5,063,234 bbls. products and 56,521 bbls. natural gasoline.

(3) Includes 5,079,484 bbls. products and 53,471 bbls. natural gasoline.

(4) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

(5) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1958 AND 1959



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Federated Pipe Lines, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

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