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PIPE LINES (OIL) STATISTICS

Price \$1.00 per year

FEBRUARY, 1958

Net deliveries of oil from Canadian pipe lines totalled 22,775,354 barrels in February, 1.1 million barrels fewer than the 23,892,908 recorded in February 1957. The daily average delivery of 813,406 barrels represents little change from the previous month but a decline of 5 per cent from the February 1958 average of 853,318 barrels. Continuing a trend started in October 1956 the average length of haul fell in relation to the previous year, the decline to 231.0 from 290.9 miles largely accounting for a drop of 21.5 per cent to 7,787 million in barrel miles.

For the two months ended February 28, total net deliveries amounted to 48,008,244 barrels compared with 51,060,282 barrels in the same period last year, a decrease of 6.0 per cent. Provincial deliveries, in barrels, for the first two months of the year were as follows (1957 data in brackets): British Columbia, 6,125,072 (10,841,929); Alberta, 2,361,182 (*2,010,584); Saskatchewan, 2,786,375 (*2,917,430); Manitoba, 15,287,945 (12,976,187); Ontario, 7,893,107 (8,870,245); Quebec, 13,554,563 (13,443,907). Included in Manitoba deliveries were 13,224,394 (11,181,006) 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 line are shown in a footnote to table 4.

Gathering systems handled an average of 469,340 barrels per day as compared with *471,576 in February 1957, and trunk line deliveries dropped to a daily average of 1,203,717 barrels from 1,217,685 last year.

Net receipts for the month of February totalled 24,158,756 barrels compared with 24,932,430 in the same month last year, a decrease of 3.1 per cent. Receipts for the month were comprised of 10,012,717 barrels of Alberta crude and 53,385 barrels of Alberta natural gasoline, 3,271,609 barrels of Saskatchewan crude, 464,883 barrels of Manitoba crude, 6,609,630 barrels of imported crude and 3,746,532 barrels of refinery products.

Employment and wages registered a slight decrease from the previous month, but showed an increase over February 1957, with 1,659 employees earning \$764,869 as compared with 1,635 employees and salaries of \$727,766.

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.

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

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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.

	<u>Barrels</u>
Total Received into Systems - all companies - during first two months of 1958, per table 6	80,473,087
Received into Trunk Lines from other Canadian Pipe Lines	30,305,789
"Net Received" into Canadian Pipe Line Systems	50,167,298
"Net Received" into Trunk Systems per table 1	22,935,309
"Net Received" into Gathering Systems per table 2	27,231,989
 Total Delivered out of Systems - all companies - during first two months of 1958, per table 6	 79,721,614
Delivered to other Canadian Pipe Lines	31,713,370
"Net Delivered" from Canadian Pipe Line Systems	48,008,244
"Net Delivered" from Trunk Systems per table 1	47,694,876
"Net Delivered" from Gathering Systems per table 2	313,368

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 February and are given herewith:

OIL BALANCE - ALL COMPANIES - February, 1958

	<u>Barrels</u>	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	<u>1,069,013</u>	11,210,529
Received into Gathering Systems January 1 to February 28, 1958	27,231,989	
Received into Trunk Systems January 1 to February 28, 1958	<u>71,019,623</u>	98,251,612
Total oil accountable for period		109,462,141
Delivered from Gathering Systems January 1 to February 28, 1958	27,175,555	
Delivered from Trunk Systems January 1 to February 28, 1958	<u>70,324,913</u>	97,500,468
Balance to be accounted for at February 28, 1958		11,961,673
Oil consumed as fuel and losses January 1 to February 28, 1958 ...		<u>89,910</u>
Balance on hand - February 28, 1958		11,871,763
Total Shippers Balances - February 28, 1958	10,781,634	
Total Carriers Balances - February 28, 1958	1,090,129	

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. This short line has now been extended 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 data for these short sections are not included in Canadian oil pipe line statistics. 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
February, 1957	3,330,463	-	465,022
January, 1958	3,387,903	1,564,620	340,906
February, 1958	3,008,204	1,489,790	237,316

TABLE 1

OIL^a CARRIED BY PIPE LINES - TRUNK

	February 1958	January* 1958	February 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	34,342,653	36,676,970	34,296,711	71,019,623
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,570,154	9,208,371	8,043,033	17,778,525
3. Other pipe lines - Gathering	5,363,977	5,282,400	4,123,825	10,646,377
4. Trunk	9,428,059	10,231,353	10,450,299	19,659,412
5. Net Received (6+7+8)	10,980,463	11,954,846	11,679,554	22,935,309
6. Originating on own trunk lines	4,026,239	4,620,087	4,777,157	8,646,326
7. Received from foreign pipe line connections	6,609,630	6,958,958	6,440,560	13,568,588
8. Received from other carriers (rail & truck)	344,594	375,801	461,837	720,395
9. Total Delivered * (10+11)	33,704,066	36,620,847	34,095,196	70,324,913
10. Less: Delivered to other Canadian trunk lines	11,093,175	11,536,862	10,284,048	22,630,037
11. Net Delivered (12+13+14)	22,610,891	25,083,985	23,811,148	47,694,876
12. Terminated on own trunk lines	15,100,586	16,636,029	15,976,427	31,736,615
13. Delivered to foreign pipe line connections	7,468,724	8,363,727	7,068,916	15,832,451
14. Delivered to other carriers (truck, rail & water)	41,581	84,229	765,805	125,810

TABLE 2

OIL^b CARRIED BY PIPE LINES - GATHERING

	February 1958	January* 1958	February* 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	13,178,293	14,053,696	13,252,876	27,231,989
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	13,178,293	14,053,696	13,252,876	27,231,989
18. Originating on own gathering system	13,005,917	13,875,036	12,930,880	26,880,953
19. Received from other carriers (rail & truck)	172,376	178,660	321,996	351,036
20. Total Delivered * (21+22+23)	13,141,513	14,034,042	13,204,141	27,175,555
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,570,154	9,208,700	8,043,033	17,778,854
22. Other pipe lines	4,406,896	4,676,437	5,079,348	9,083,333
23. Net Delivered (24+25)	164,463	148,905	81,760	313,368
24. Terminated on gathering systems	94,578	60,460	22,772	155,038
25. Delivered to other carriers (rail & truck)	69,885	88,445	58,988	158,330

^a Includes natural gasoline and refinery products.
^{*} Includes duplications.
^b Includes natural gasoline.
^{*} Revised.

TABLE 3

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

Province		February 1958	January 1958	February* 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,762,109	10,274,133	11,126,066	20,036,242
"	- Trunk	383,800	433,749	493,553	817,549
Saskatchewan	- Gathering	2,951,301	3,259,812	1,667,680	6,211,113
"	- Trunk	320,308	349,269	381,832	669,577
Manitoba	- Gathering	464,883	519,751	459,130	984,634
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,324,031	2,636,913	2,729,957	4,960,944
Quebec (3)	- Trunk	7,952,324	8,534,915	8,074,212	16,487,239
Net Received	- Gathering	13,178,293	14,053,696	13,252,876	27,231,989
"	" - Trunk	10,980,463	11,954,846	11,679,554	22,935,309
"	" - Total	24,158,756	26,008,542	24,932,430	50,167,298

TABLE 4

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

Province		February 1958	January 1958	February* 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,664,648	3,460,424	4,971,235	6,125,072
Alberta (1)	- Gathering	123,871	101,576	59,586	225,447
"	- Trunk	912,025	1,223,710	860,668	2,135,735
Saskatchewan	- Gathering	40,592	47,329	22,174	87,921
"	- Trunk	1,326,866	1,371,588	1,365,552	2,698,454
Manitoba †	- Trunk	7,458,642	7,829,303	5,847,701	15,287,945
Ontario (2)	- Trunk	3,648,794	4,244,313	4,345,137	7,893,107
Quebec	- Trunk	6,599,916	6,954,647	6,420,855	13,554,563
Net Delivered	- Gathering	164,463	148,905	81,760	313,366
"	" - Trunk †	22,610,891	25,083,985	23,811,148	47,694,876
"	" - Total	22,775,354	25,232,890	23,892,908	48,008,244
"	" - Daily Average	813,406	813,964	853,318	813,699
†	Includes deliveries to U.S. pipe lines, Gretna, Man.	6,473,187	6,751,207	4,962,758	13,224,394
‡	Includes exports - via Trans Mountain Oil Pipe Line Company	995,537	1,612,520	2,851,187	2,608,057
	via Interprovincial Pipe Line Company	1,842,570	1,754,699	1,710,529	3,597,269

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		February 1958	January* 1958	February* 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	469,340	452,711	471,576	460,603
Trunk Lines	"	1,203,717	1,181,318	1,217,685	1,191,948
Total Barrel Miles (Trunk Lines)	Millions	7,787	8,751	9,919	16,539
Average Miles Per Barrel (Trunk Lines)	Miles	231.0	239.0	290.9	235.2
Employees and Earnings (6)					
Average Number (4)	No.	1,659	1,661	1,635	1,660
Total Salaries and Wages	\$	764,869	779,817	727,766	1,544,686
Man-Hours Worked by Wage Earners (5) (6)	Hours	65,300	74,934	74,222	140,234

(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 Amurex 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., Sarnia Products Line and Valley Pipe Line Company, Ltd.

* Revised.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

February, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd	Other Pipe Lines (1)	Total
TRAFFIC*				Barrels			
Total Received into System							
This month February, 1958	3,057,319	9,385,819	6,609,630	2,916,602	2,906,144	(2) 14,075,278	38,950,792
This year (2 months)	6,264,475	18,986,613	13,568,588	6,390,241	6,031,828	(3) 29,231,342	80,473,087
Total Delivered out of System							
This month February, 1958	3,029,168	9,116,099	6,599,916	2,664,648	2,841,726	(4) 14,023,868	38,275,425
This year (2 months)	6,235,490	18,717,849	13,554,563	6,125,072	5,923,782	(5) 29,164,858	79,721,614
OPERATING STATISTICS							
Barrels Handled - Daily Average							
Gathering Lines							
This month February, 1958	108,185	-	-	-	103,476	257,679	469,340
This year (2 months)	105,686	-	-	-	101,751	253,166	460,603
Trunk Lines							
This month February, 1958	-	325,575	235,711	95,166	101,490	445,775	1,203,717
This year (2 months)	-	317,251	229,738	103,815	100,403	440,741	1,191,948
Total Barrel Miles				Miles			
(Trunk Lines - in millions)							
This month February, 1958	-	3,904	487	1,799	197	1,400	7,787
This year (2 months)	-	8,034	1,000	4,135	412	2,958	16,539
Average Miles Per Barrel							
(Trunk Lines)							
This month February, 1958	-	428.0	73.7	675.0	69.5	112.2	231.0
This year (2 months)	-	429.0	73.8	675.0	69.5	137.6	235.2
OPERATING REVENUES				Dollars			
Three Months ending Mar. 31, 1958							
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				Number			
Number of Employees February, 1958	154	410	50	269	167	(6) 609	1,659
Salaries and Wages				Dollars			
This month February, 1958	63,628	205,209	23,759	132,158	71,002	(6) 269,113	764,869
This year (2 months)	134,922	408,928	47,458	268,798	147,061	(6) 537,519	1,544,686
Man-Hours Worked by Wage Earners				Hours			
This month February, 1958	15,995	248	5,859	-	14,343	(6) 28,855	65,300
This year (2 months)	34,876	408	11,987	400	30,608	(6) 61,955	140,234

* Totals include duplication between companies.

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

(2) Includes 3,746,532 bbls. products and 53,385 bbls. natural gasoline.

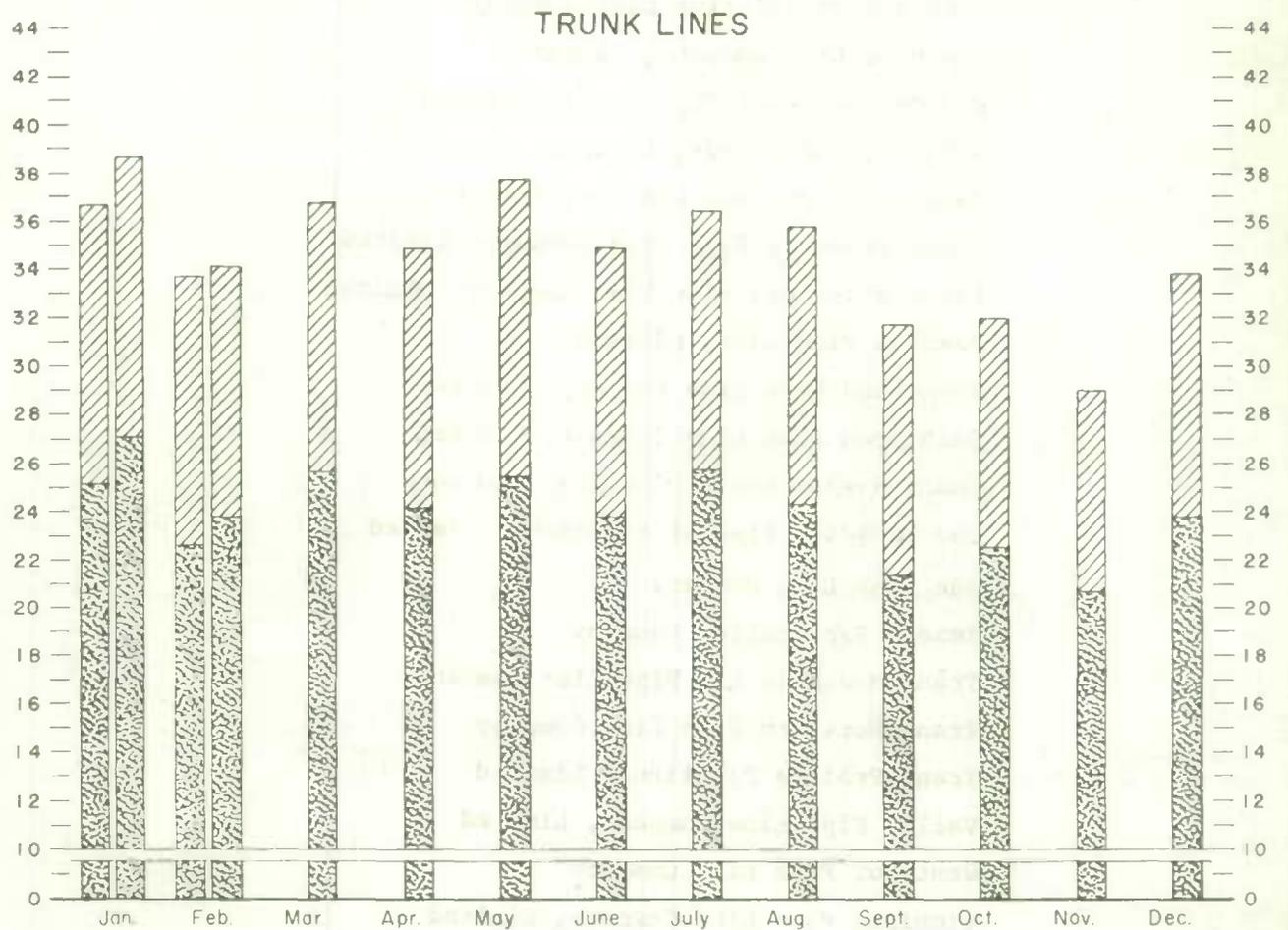
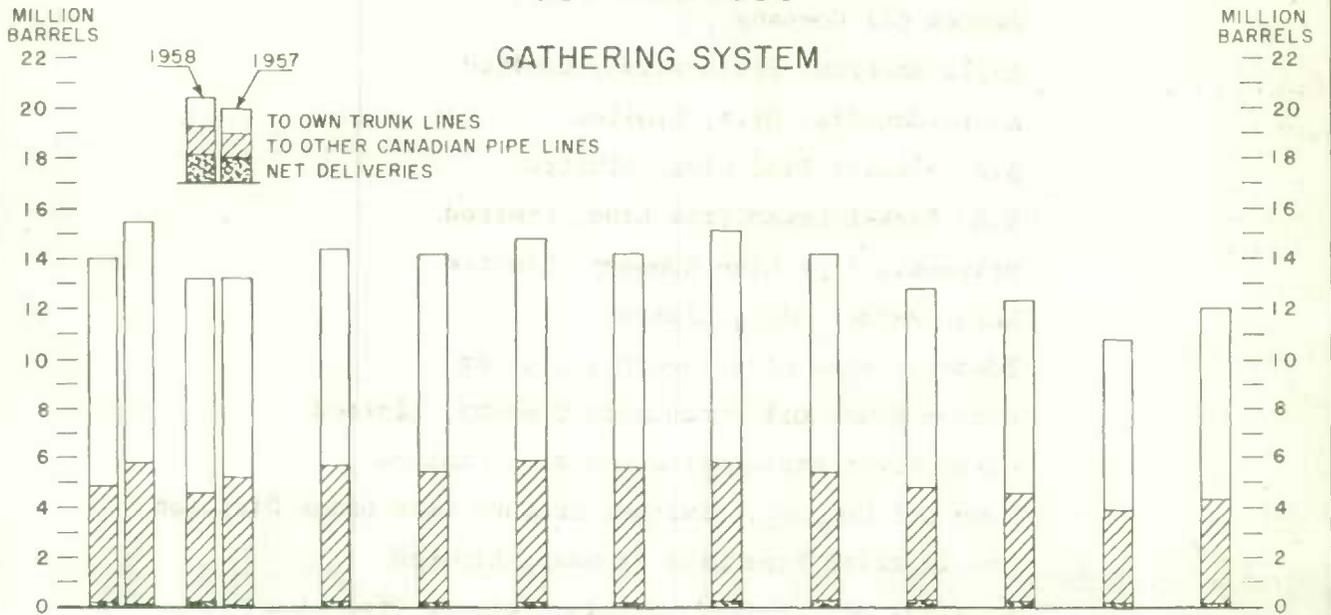
(3) Includes 8,045,805 bbls. products and 104,457 bbls. natural gasoline.

(4) Includes 3,727,592 bbls. products and 52,305 bbls. natural gasoline.

(5) Includes 8,061,108 bbls. products and 104,048 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., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company, Ltd.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958



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
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
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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