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c. 1 PIPE LINES (OIL) STATISTICS

FEBRUARY, 1957.

Net deliveries of oil from Canadian pipe lines amount to 23,880,893 barrels for the month of February. This was an average of 852,889 barrels per day as compared with 875,952 barrels last month and 753,013 in February last year.

For the two months ended February 28, net deliveries amounted to 51,035,414 barrels compared with 44,594,563 in the same period last year, an increase of 14.4 p.c. Provincial totals for the first two months of the year were as follows (1956 data in brackets); British Columbia 10,841,929 barrels (7,124,500); Alberta 1,985,616 (3,406,051); Saskatchewan 2,917,530 (3,028,227); Manitoba 12,976,187 (11,085,932); Ontario 8,870,245 (7,353,671); and Quebec 13,443,907 (12,596,182). Included in Manitoba deliveries were 11,181,006 barrels (9,404,622) transferred to the Lakehead Pipe Line Company at Gretna. Of this amount 3,726,975 barrels (2,772,328) were for export while the remainder moved through the United States destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4 and include all deliveries at dock for export.

Net receipts for the month of February amounted to 24,920,638 barrels compared with 22,227,511 in the same month last year, an increase of 12.1 p.c. February receipts included 11,441,826 barrels of Alberta crude, and 54,313 of Alberta natural gasoline, 2,087,727 barrels of Saskatchewan crude, 459,130 barrels of Manitoba crude, 6,440,560 of imported crude and 4,437,082 barrels of refinery products.

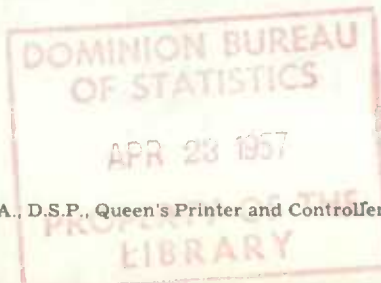
Gathering systems handled an average of 471,147 barrels per day, compared with 500,952 in January and 413,800 in February 1956. Trunk line deliveries dropped to 1,217,685 barrels daily from 1,247,966 last month and 1,010,943 one year earlier.

Barrel miles totalled 9,892 million for the month of February, compared with 11,231 during January and 8,742 in February last year.

Employees numbered 1,628 and earned \$725,202 in February 1957, compared with 1,344 employees earning \$577,962 in the corresponding month last year, an increase of \$147,240 or 25 p.c.

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

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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.

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 1957, per table 6	83,834,504
Received into Trunk Lines from other Canadian Pipe Lines	31,209,762
"Net Received" into Canadian Pipe Line Systems	52,624,742
"Net Received" into Trunk Systems per table 1	23,842,831
"Net Received" into Gathering Systems per table 2	28,781,911
 Total Delivered out of Systems - all companies - during first two months of 1957, per table 6	 83,730,946
Delivered to other Canadian Pipe Lines	32,695,532
"Net Delivered" from Canadian Pipe Line Systems	51,035,414
"Net Delivered" from Trunk Systems per table 1	50,879,691
"Net Delivered" from Gathering Systems per table 2	155,723

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, 1957

	<u>Barrels</u>	
Total Shippers Balances - January 1, 1957	10,368,770	
Total Carriers Balances - January 1, 1957	730,708	11,099,478
Received into Gathering Systems January 1 to February 28, 1957	28,781,911	
Received into Trunk Systems January 1 to February 28, 1957	72,825,477	101,607,388
 Total oil accountable for period		112,706,866
Delivered from Gathering Systems January 1 to February 28, 1957	28,721,667	
Delivered from Trunk Systems January 1 to February 28, 1957	72,782,163	101,503,830
 Balance to be accounted for at February 28, 1957		11,203,036
Oil consumed as fuel and losses January 1 to February 28, 1957		177,663
Balance on hand - February 28, 1957		11,025,373
Total Shippers Balances - February 28, 1957	10,283,534	
Total Carriers Balances - February 28, 1957	741,839	

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	Sun Pipe Line
	Pipe Line Company	Company
	Crude Oil	Crude and Refined Oil
	Barrels	Barrels
February, 1956	3,353,651	445,621
January, 1956	3,455,663	575,739
February, 1957	3,330,463	465,022

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	February 1957	January 1957	February 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	34,296,711	38,528,766	29,701,310	72,825,477
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,043,033	9,729,851	6,092,317	17,772,884
3. Other pipe lines - Gathering	4,123,825	4,234,438	3,059,166	8,690,336
4. Trunk	10,450,299	12,401,200	10,312,784	22,519,426
5. <u>Net Received (6+7+8)</u>	11,679,554	12,163,277	10,237,043	23,842,831
6. Originating on own trunk lines	4,777,157	4,987,984	3,993,584	9,765,141
7. Received from foreign pipe line connections	6,440,560	7,067,777	6,143,820	13,508,337
8. Received from other carriers (rail & truck)	461,837	107,516	99,639	569,353
9. <u>Total Delivered * (10+11)</u>	34,095,196	38,686,967	29,317,363	72,782,163
10. Less: Delivered to other Canadian trunk lines	10,284,048	11,618,424	8,369,008	21,902,472
11. <u>Net Delivered (12+13+14)</u>	23,811,148	27,068,543	20,948,355	50,879,691
12. Terminated on own trunk lines	15,976,427	17,159,842	14,261,678	33,136,269
13. Delivered to foreign pipe line connections	7,068,916	8,848,873	6,659,795	15,917,789
14. Delivered to other carriers (truck, rail & water)	765,805	1,059,828	26,882	1,825,633

TABLE 2

OIL[‡] CARRIED BY PIPE LINES - GATHERING

	February 1957	January 1957	February 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	13,241,084	15,540,827	11,990,468	28,781,911
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	13,241,084	15,540,827	11,990,468	28,781,911
18. Originating on own gathering system	12,919,088	14,828,541	11,586,117	27,747,629
19. Received from other carriers (rail & truck)	321,996	712,286	404,351	1,034,282
20. <u>Total Delivered * (21+22+23)</u>	13,192,126	15,529,541	12,000,188	28,721,667
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,043,033	9,729,851	6,092,317	17,772,884
22. Other pipe lines	5,079,348	5,713,712	5,018,861	10,793,060
23. <u>Net Delivered (24+25)</u>	69,745	85,978	889,010	155,723
24. Terminated on gathering systems	22,772	29,306	715,740	52,078
25. Delivered to other carriers (rail & truck)	46,973	56,672	173,270	103,645

† Includes natural gasoline and refinery products.

* Includes duplications.

‡ Includes natural gasoline.

TABLE 3

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

Province		February 1957	January 1957	February 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,114,274	12,922,699	10,884,973	24,036,973
"	- Trunk	455,338	550,659	546,114	1,005,997
Saskatchewan	- Gathering	1,667,680	2,096,736	681,710	3,798,792
"	- Trunk	420,047	13,767	5,438	433,814
Manitoba	- Gathering	459,130	521,392	423,785	946,146
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,729,957	2,834,843	2,176,980	5,564,800
Quebec (3)	- Trunk	8,074,212	8,764,008	7,508,511	16,838,220
Net Received	- Gathering	13,241,084	15,540,827	11,990,468	28,781,911
"	- Trunk	11,679,554	12,163,277	10,237,043	23,842,831
"	- Total	24,920,638	27,704,104	22,227,511	52,624,742

TABLE 4

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

Province		February 1957	January 1957	February 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	4,971,235	5,870,694	3,765,060	10,841,929
Alberta (1)	- Gathering	47,571	56,883	779,566	104,454
"	- Trunk	860,668	1,020,494	793,060	1,881,162
Saskatchewan	- Gathering	22,174	29,095	109,444	51,269
"	- Trunk	1,365,552	1,500,709	1,296,002	2,866,261
Manitoba ^δ	- Trunk	5,847,701	7,128,486	5,475,290	12,976,187
Ontario (2)	- Trunk	4,345,137	4,525,108	3,495,090	8,870,245
Quebec	- Trunk	6,420,855	7,023,052	6,123,853	13,443,907
Net Delivered	- Gathering	69,745	85,978	889,010	155,723
"	- Trunk ^λ	23,811,148	27,068,543	20,948,355	50,879,691
"	- Total	23,880,893	27,154,521	21,837,365	51,035,414
^δ	Includes deliveries to U.S. pipe lines, Gretna, Man.	4,962,758	6,218,248	4,655,851	11,181,006
^λ	Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company	2,851,187 1,710,529	3,665,054 2,016,446	2,003,944 1,338,514	6,516,241 3,726,975

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		February 1957	January 1957	February 1956	YEAR TO DATE 1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	471,147	500,952	413,800	486,807
Trunk Lines	"	1,217,685	1,247,966	1,010,943	1,233,595
Total Barrel Miles (Trunk Lines)	Millions	9,892	11,231	8,742	20,786
Average Miles Per Barrel (Trunk Lines)	Miles	290.1	290.3	298.2	285.5
Employees and Earnings (6)					
Average Number (4)	No.	1,628	1,614	1,344	3,242
Total Salaries and Wages	\$	725,202	719,381	577,962	1,444,583
Man-Hours Worked by Wage Earners (5) (6)	Hours	74,222	81,192	58,074	155,415

(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.

TABLE 6 TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES
February, 1957.

	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, 1957	3,895,179	7,840,075	6,440,560	4,965,823	3,119,390	(2) 13,233,735	39,494,762
This year (2 months)	8,426,248	16,934,691	13,508,337	10,737,244	6,706,504	(3) 27,521,480	83,834,504
Total Delivered out of System							
This month February, 1957	3,863,213	7,647,714	6,420,855	4,971,235	3,173,717	(4) 13,167,555	39,244,289
This year (2 months)	8,387,719	16,765,657	13,443,907	10,841,929	6,670,064	(5) 27,621,670	83,730,946
OPERATING STATISTICS							
Barrels Handled - Daily Average							
Gathering Lines							
This month February, 1957	137,971	-	-	-	111,088	222,088	471,147
This year (2 months)	142,164	-	-	-	113,338	231,305	486,807
Trunk Lines							
This month February, 1957	-	273,133	229,316	177,544	113,347	424,345	1,217,685
This year (2 months)	-	284,164	227,863	183,762	113,052	424,756	1,233,595
Total Barrel Miles							
(Trunk Lines - in millions)							
This month February, 1957	-	4,317	473	3,430	221	1,451	9,892
This year (2 months)	-	9,141	990	7,473	464	2,718	20,786
Average Miles Per Barrel							
(Trunk Lines)							
This month February, 1957	-	564.0	73.7	690.0	69.5	122.1	290.1
This year (2 months)	-	545.0	73.7	689.0	69.5	108.4	285.5
OPERATING REVENUES							
Dollars							
Three Months ending Mar. 31, 1957							
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
Number							
Number of Employees February, 1957	163	385	49	249	221	(6) 561	1,628
Salaries and Wages							
Dollars							
This month February, 1957	62,693	183,045	21,153	119,005	84,243	(6) 255,063	725,202
This year (2 months)	132,286	362,243	43,082	233,250	171,396	(6) 502,326	1,444,583
Man-Hours Worked by Wage Earners							
Hours							
This month February, 1957	17,928	163	483	600	20,700	(6) 34,348	74,222
This year (2 months)	39,114	291	1,175	600	43,798	(6) 70,437	155,415

* Totals include duplication between companies.

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

(2) Includes 4,437,082 bbls. products and 54,313 bbls. natural gasoline.

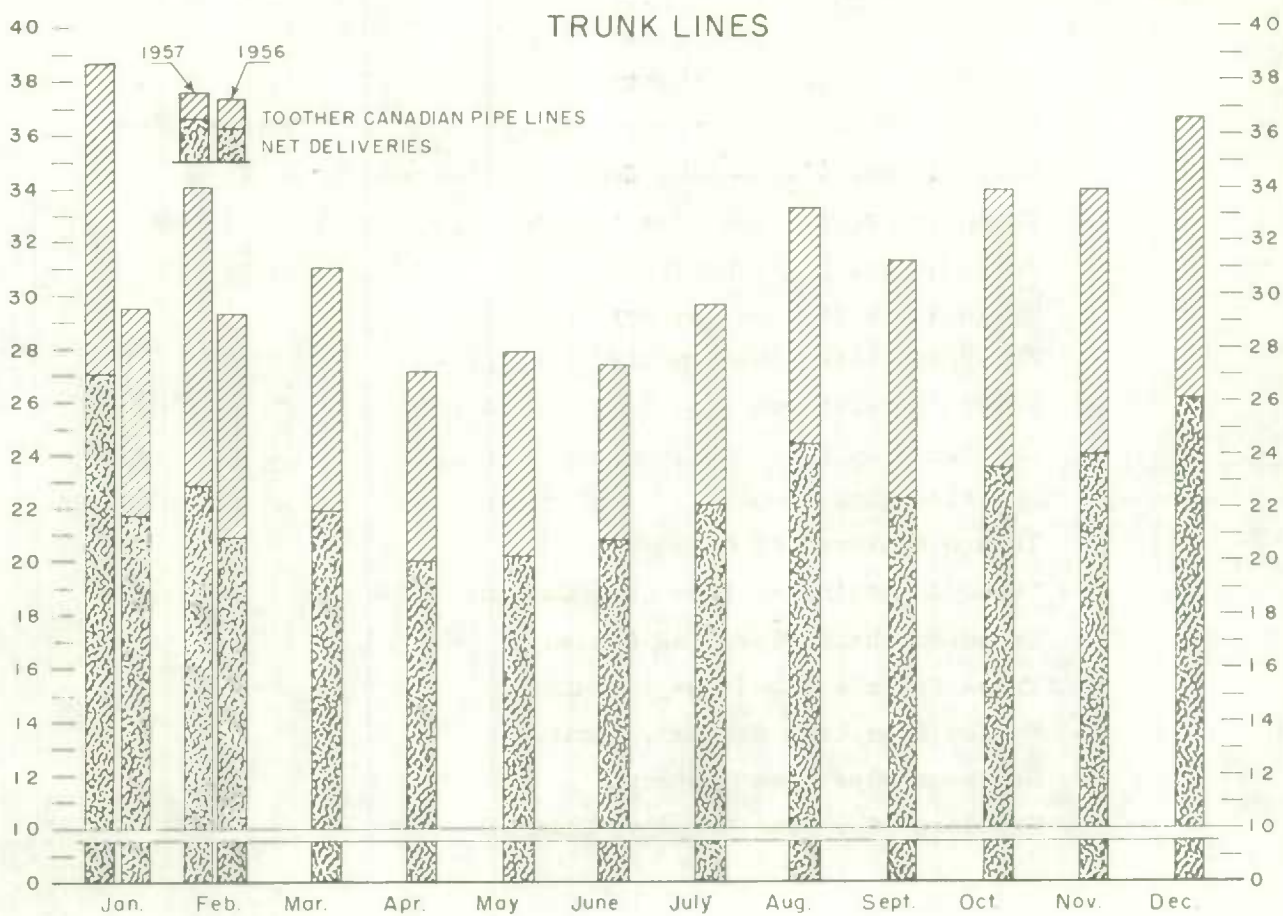
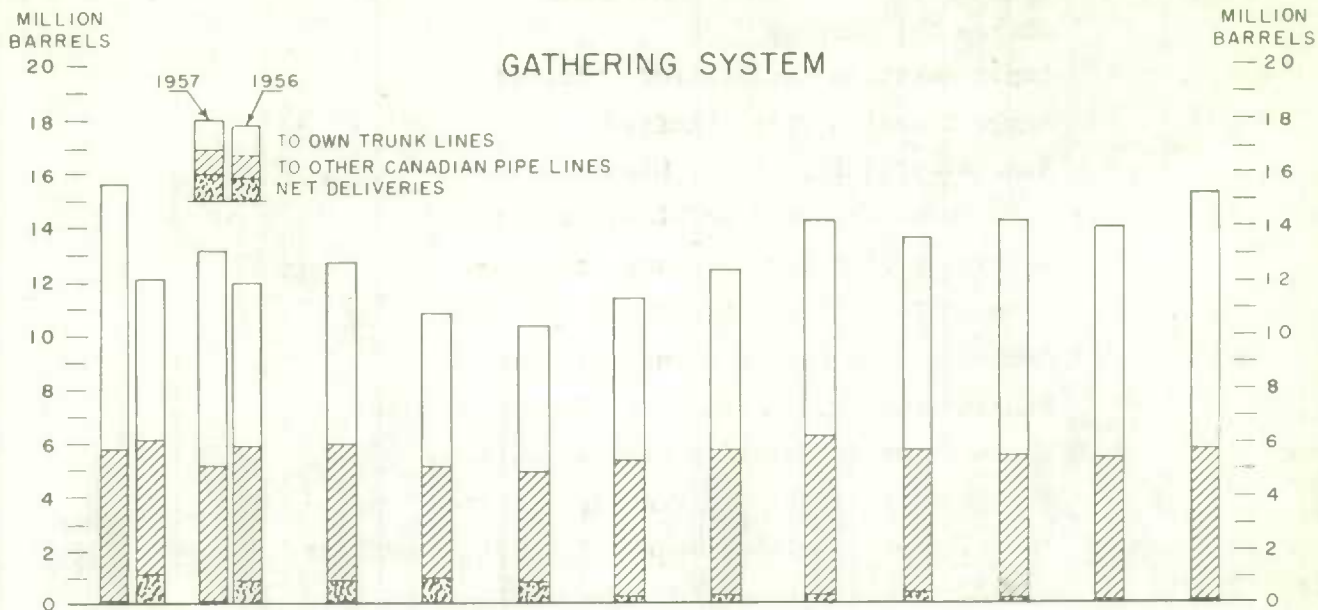
(3) Includes 9,049,034 bbls. products and 117,384 bbls. natural gasoline.

(4) Includes 4,410,016 bbls. products and 54,601 bbls. natural gasoline.

(5) Includes 9,007,644 bbls. products and 120,854 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 1956 AND 1957



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
Cremona Pipe Lines, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
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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