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PIPE LINES (OIL) STATISTICS

Oil deliveries from Canadian pipe lines recorded a slight drop during the month of February with a net average of 490,166 barrels per day compared with the record movement of 495,703 barrels in January. This was an increase of 35 p.c. above the February 1953 average of 363,273 barrels, the record at that time.

Net deliveries from trunk lines and gathering systems totalled 15,724,652 barrels in February, some 3,550,000 barrels above the corresponding month last year. Increases were recorded in all provinces except Alberta as follows, (1953 data in brackets): British Columbia, 1,067,235 barrels (nil*); Alberta, 1,266,965 (1,328,945); Saskatchewan, 1,134,025 (1,071,621); Manitoba, 3,142,470 (1,732,736); Ontario, 2,594,523 (1,701,198), and Quebec, 4,519,434 (4,337,142). Included in the Manitoba deliveries were 2,615,478 barrels (1,281,612) transferred to the Lakehead Pipe Line at Gretna and 526,992 (451,124) delivered within the province. During the month of February 2,836,741 barrels which had been transported through the United States via the Lakehead Pipe Line re-entered Canada at Sarnia as shown in the table at the foot of page 2.

Net receipts of oil for shipment by pipe line during February included 6,868,170 barrels of Alberta crude and 37,055 barrels of Alberta natural gasoline, 121,939 of Manitoba crude, 4,535,971 imported crude and 2,594,246 barrels of refinery products. Total net receipts at 14,155,381 barrels were 3,893,560 barrels, or 38 p.c. above the corresponding month last year.

The opening of Interprovincial's extension from Superior to Sarnia was largely responsible for the increase shown in net deliveries during the first two months of the year. For January and February deliveries amounted to 29,091,458 barrels as against 20,896,943 in the same period last year, an increase of 39 p.c. Deliveries by provinces for the two-month period were as follows, (1953 data in brackets): British Columbia, 2,007,103 (nil*); Alberta, 2,685,156 (2,917,969); Saskatchewan, 2,355,751 (2,293,814); Manitoba, 7,054,230 (3,414,656); Ontario, 5,431,771 (3,216,427), and Quebec, 9,557,447 (9,054,077). Transfers of oil from the Interprovincial system in Manitoba to the Lakehead Pipe Line Company for movement through the United States, principally to refineries at Sarnia, amounted to 5,984,074 barrels (2,473,080).

Both gathering systems and trunk lines made record deliveries during the month. Gathering systems handled an average of 191,656 barrels per day compared with 189,478 in January and 124,645 barrels in February, 1953, an increase of 54 p.c. over the previous year. Trunk lines handled a daily average of 614,763 barrels, against 588,525 in January and 384,478 in February, 1953, 60 p.c. above last year.

Barrel miles at 4,842 million were almost 90 p.c. above last year's figure of 2,565 million. The average length of haul, however, dropped to 281.3 miles from 300.2 in January, but was well above the 238.2 miles reported in February, 1953.

Employees numbered 1,140 for the month of February, an increase of 31 p.c. over the 869 employees recorded in February of last year. Salaries and wages in the same period rose by 42 p.c., from \$300,953 in February, 1953, to \$428,750 in the month under review.

The Interprovincial Pipe Line Company continued in the lead with deliveries of 5,499,754 barrels during February and a two-month total of 11,472,757 barrels against a total of 5,894,736 barrels in the same period last year. On a daily basis Interprovincial's deliveries reached a new high with an average of 196,420 barrels per day in February compared with an average of 161,408 barrels for the Montreal Pipe Line Company and 143,080 barrels for Imperial's gathering system. The Trans Mountain Oil Pipe Line Company passed the million mark in February with total deliveries of 1,067,235 barrels.

Revenue and employee data for the Sarnia Products Pipe Lines 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 Anglo Canadian Oils, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

* The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

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.

Total Received into Systems - all companies -	<u>Barrels</u>
during first two months of 1954, per table 6	46,302,180
Received into Trunk Lines from Other Canadian Pipe Lines	16,716,339
"Net Received" into Canadian Pipe Line Systems	29,585,841
"Net Received" into Trunk Systems per table 1	18,347,534
"Net Received" into Gathering Systems per table 2	11,238,307
 Total Delivered out of Systems - all companies -	
during first two months of 1954, per table 6	44,795,743
Delivered to other Canadian Pipe Lines	15,704,286
"Net Delivered" from Canadian Pipe Line Systems	29,091,458
"Net Delivered" from Trunk Systems per table 1	27,622,473
"Net Delivered" from Gathering Systems per table 2	1,468,985

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, 1954

	<u>Barrels</u>	
Total Shippers Balances - January 1, 1954	6,141,288	
Total Carriers Balances - January 1, 1954	787,070	6,928,368
Received into Gathering Systems January 1 to February 28, 1954	11,238,307	
Received into Trunk Systems January 1 to February 28, 1954	35,965,990	47,204,297
Total oil accountable for Period		54,132,665
Delivered from Gathering Systems January 1 to February 28, 1954	11,240,206	
Delivered from Trunk Systems January 1 to February 28, 1954	35,457,654	46,697,860
Balance to be accounted for at February 28, 1954		7,434,795
Oil consumed as fuel and losses		90,747
Balance on hand - February 28, 1954		7,344,048
Total Shippers Balances - February 28, 1954	(1) 6,833,311	
Total Carriers Balances - February 28, 1954	710,737	

With the completion in December of Interprovincial's extension to Sarnia, there are now three oil pipe lines crossing the St. Clair river from the United States at Sarnia. The limited nature of their domestic operations and shortness of the 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 the three pipe lines follows:

Month	Interprovincial Pipe Line Company	The Buckeye Pipe Line Company	Sun Pipe Line Company
	Crude Oil	Crude Oil	Crude and Refined Oil
	Barrels	Barrels	Barrels
February, 1953	-	(2) 1,007,041	48,577
January, 1954	2,672,137	177,250	332,722
February, 1954	2,636,741	-	314,814

- (1) Includes 925,113 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.
(2) Deliveries of Transit and Storage Company, whose pipe line properties have been sold to the Buckeye Pipe Line Company.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	FEBRUARY 1954	JANUARY 1954	FEBRUARY 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
1. Total Received Δ (2+3+4+5)	17,648,830	18,317,160	10,871,738	35,965,990
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	1,010,900	891,217	292,221	1,902,117
3. Other pipe lines - Gathering	2,093,977	2,293,675	1,474,579	4,387,652
4. Trunk	5,766,205	5,582,482	2,333,766	11,328,687
5. Net Received (6+7+8)	8,777,748	9,569,786	6,771,172	18,347,534
6. Originating on own trunk lines	4,121,838	4,427,042	2,382,817	8,548,880
7. Received from foreign pipe line connections	4,533,971	5,046,584	4,347,776	9,580,565
8. Received from other carriers (rail & truck)	121,939	96,160	40,579	218,099
9. Total Delivered Δ (10+11)	17,215,352	18,244,302	10,765,372	35,457,654
10. Less: Delivered to other Canadian trunk lines	4,142,397	3,692,784	1,452,183	7,435,181
11. Net Delivered (12+13+14)	13,070,956	14,551,518	9,313,189	27,622,473
12. Terminated on own trunk lines	10,455,477	11,182,922	8,031,577	21,638,399
13. Delivered to foreign pipe line connections	2,615,478	3,368,596	1,281,612	5,984,074
14. Delivered to other carriers (rail & truck)	-	-	-	-

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	FEBRUARY 1954	JANUARY 1954	FEBRUARY 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	5,377,633	5,860,674	3,490,649	11,238,307
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	5,377,633	5,860,674	3,490,649	11,238,307
18. Originating on own gathering system	5,202,306	5,708,264	3,380,516	10,910,570
19. Received from other carriers (rail & truck)	175,327	152,410	110,133	327,737
20. Total Delivered Δ (21+22+23)	5,366,379	5,873,827	3,490,066	11,240,206
Less: Delivered to other pipe lines -				
21. Own Trunk system	1,010,900	891,217	292,221	1,902,117
22. Other pipe lines	3,701,782	4,167,322	2,339,382	7,869,104
23. Net Delivered (24+25)	653,697	815,288	858,453	1,468,985
24. Terminated on gathering systems	639,201	717,589	706,857	1,556,790
25. Delivered to other carriers (rail & truck)	14,496	97,699	151,596	112,195

Δ Includes natural gasoline and products

Δ Includes duplications

Δ Includes natural gasoline

TABLE 3

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

Province	FEBRUARY	JANUARY	FEBRUARY	YEAR TO DATE
	1 9 5 4	1 9 5 4	1 9 5 3	1 9 5 4
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	5,377,633	5,860,674	3,490,649	11,238,307
Trunk	1,527,592	1,590,553	680,610	3,118,145
Saskatchewan - Trunk	-	1,947	-	1,947
Manitoba - Trunk	121,939	94,213	40,579	216,162
Ontario (2) - Trunk	1,512,353	1,551,505	1,090,003	3,063,858
Quebec (3) - Trunk	5,615,864	6,331,568	4,959,980	11,947,432
Net Received - Trunk	8,777,748	9,569,786	6,771,172	18,347,534
- Total	14,155,381	15,430,460	10,261,821	29,585,841

Table 4

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

Province	FEBRUARY	JANUARY	FEBRUARY	YEAR TO DATE
	1 9 5 4	1 9 5 4	1 9 5 3	1 9 5 4
	Barrels	Barrels	Barrels	Barrels
British Columbia - Trunk	1,067,235	939,868	-	2,007,103
Alberta (1) - Gathering	653,697	815,288	858,453	1,468,985
- Trunk	613,268	602,903	470,492	1,216,171
Saskatchewan - Trunk	1,134,025	1,221,726	1,071,621	2,355,751
Manitoba / - Trunk	3,142,470	3,911,760	1,732,736	7,054,230
Ontario (2) - Trunk	2,594,523	2,837,248	1,701,198	5,431,771
Quebec - Trunk	4,519,434	5,038,013	4,337,142	9,557,447
Net Delivered - Trunk	13,070,955	14,551,518	9,313,189	27,622,473
- Total	13,724,652	15,366,806	10,171,642	29,091,458
/ Including deliveries to U.S. pipe lines at Gretna, Man.	2,615,478	3,368,596	1,281,612	5,984,074

TABLE 5

OPERATING STATISTICS

		FEBRUARY	JANUARY	FEBRUARY	YEAR TO DATE
		1 9 5 4	1 9 5 4	1 9 5 3	1 9 5 4
Barrels Handled - Daily Average					
Gathering Systems	Barrels	191,656	189,478	124,645	190,512
Trunk Lines	"	614,763	588,525	384,478	600,977
Total Barrel Miles (Trunk Lines)	Million	4,842	5,478	2,565	10,320
Average Miles per Barrel (Trunk Lines)	Miles	281.3	300.2	238.2	291.0
Employees and Earnings (6)					
Average Number (4)	No.	1,140	1,007	869	1,124
Total Salaries and Wages	\$	428,750	433,051	300,953	861,801
Man Hours Worked by Wage Earners (5)(6)	Hours	44,619	49,713	44,327	93,732

- (1) Includes natural gasoline
- (2) Products of refineries
- (3) Includes some products
- (4) Includes salaried employees
- (5) Includes overtime
- (6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

FEBRUARY, 1954

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>Barrels</u>			
<u>Total Received into System</u>						
This month (February, 1954)	4,004,785	5,593,403	4,533,971	1,376,401	(2) 6,507,003	22,015,563
This year (2 months)	8,491,191	11,622,005	9,560,555	2,300,091	(3) 13,308,338	45,302,180
<u>Total Delivered out of System</u>						
This month (February, 1954)	4,006,230	5,499,754	4,519,454	1,067,235	(4) 6,476,178	21,568,831
This year (2 months)	8,504,696	11,472,757	9,557,447	2,007,103	(5) 13,263,740	44,795,743
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (February, 1954)	143,080	-	-	-	48,578	191,658
This year (2 months)	144,148	-	-	-	46,364	190,512
<u>Trunk Lines</u>						
This month (February, 1954)	-	196,420	161,408	38,116	218,819	614,763
This year (2 months)	-	194,454	161,990	34,019	210,514	600,977
<u>Total Barrel Miles</u>			<u>Miles</u>			
(<u>Trunk Lines - in millions</u>)						
This month (February, 1954)	-	2,899	333	766	844	4,842
This year (2 months)	-	6,424	703	1,441	1,752	10,320
<u>Average Miles Per Barrel</u>						
(<u>Trunk Lines</u>)						
This month (February, 1954)	-	527.0	73.6	718.0	137.0	281.3
This year (2 months)	-	660.0	73.6	718.0	141.0	291.0
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of employees (February, 1954)	213	398	42	185	(6) 302	1,140
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (February, 1954)	69,881	153,263	15,708	83,373	(6) 106,525	428,760
This year (2 months)	145,722	302,174	31,632	167,207	(6) 215,066	861,801
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (February, 1954)	20,532	1,157	341	3,411	(6) 18,578	44,019
This year (2 months)	46,389	1,301	661	6,811	(6) 38,570	93,732

* Totals include duplication between companies

(1) Includes Amurex Oil Development 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; Imperial Oil - Sarnia Products Pipe Line Division; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Co. Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

(2) Includes 2,594,246 bbls. products and 37,055 bbls. natural gasoline.

(3) Includes 5,430,735 bbls. products and 85,574 bbls. natural gasoline.

(4) Includes 2,594,523 bbls. products and 39,749 bbls. natural gasoline.

(5) Includes 5,431,771 bbls. products and 85,794 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company, Anglo-Canadian Oils, Limited, and Imperial Oil - Sarnia Products Pipe Line Division.



MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

MILLION
BARRELS

MILLION
BARRELS

