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## PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

JANUARY, 1955

A record demand for oil in January brought net deliveries of Canadian pipe lines to a new high of 568,259 barrels per day, almost 55,000 barrels above the previous record of 513,714 in December and 15 p.c. above the daily average of 495,703 barrels in January, 1954. Total net deliveries for January amounted to 17,616,029 barrels compared with 15,925,138 in December, deliveries from gathering systems being up by 8 p.c., and from trunk lines by almost 11 p.c.

Compared with January, 1954, total net deliveries increased by 2,249,223 barrels. Provincial totals for the month were as follows (1954 data in brackets): British Columbia 2,176,000 barrels (939,868); Alberta 1,688,358 (1,418,191); Saskatchewan 1,036,936 (1,221,726); Manitoba 4,103,642 (3,911,760); Ontario 3,316,605 (2,837,248) and Quebec, 5,294,488 (5,038,013). British Columbia deliveries included 420,514 barrels (nil) exported to the United States. Manitoba deliveries included 3,516,636 barrels (3,368,596) which were delivered to the Lakehead Pipe Line Company at Gretna to be transported through United States territory and destined principally for refineries at Sarnia.

Net receipts for the month of January totalled 17,905,803 barrels compared with 16,451,209 in December and 15,430,460 in January last year. Included in the January receipts were 8,726,775 barrels of Alberta crude and 45,613 barrels of Alberta natural gasoline, 198,095 barrels of Saskatchewan crude, 262,877 of Manitoba crude, 5,307,524 of imported crude and 3,364,919 barrels of refinery products. Commencing with January one company operating in Alberta, which has been reporting as a trunk line only, is reporting the operations of its gathering and trunk lines separately. This accounts for the apparent drop in Alberta trunk line receipts and corresponding increase in gathering receipts.

Deliveries from both gathering and trunk lines attained new records. Gathering lines handled an average of 280,663 barrels per day, 26 p.c. above the previous record of 223,093 barrels delivered in December. Trunk lines averaged 685,319 barrels per day, almost 11 p.c. above December's average of 619,458. Barrel miles for January also reached a new high of 6,254 million compared with 5,881 million in December, the previous peak.

Compared with the previous month, there was a slight rise in the number of employees, but earnings dropped from \$474,165 in December to \$472,470.

Operations of two new pipe lines are included in this report. The Pembina Pipe Line, Ltd., presently operating some 50 miles of gathering system in the Pembina field and 72 miles of transmission line to Edmonton terminals, commenced deliveries on January 7. The Mid-Saskatchewan Pipe Line, Ltd. operating a gathering system in the Smiley and Eureka areas of Saskatchewan also commenced operations early in January.

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.

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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, Nisku Products Pipe Line Company, and Anglo Canadian Oils, 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 intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during January, 1955 per table 6 .....	27,284,841
Received into Trunk Lines from other Canadian Pipe Lines .....	9,379,038
"Net Received" into Canadian Pipe Line Systems .....	17,905,803
"Net Received" into Trunk Systems per table 1 .....	9,103,551
"Net Received" into Gathering Systems per table 2 .....	8,802,252
Total Delivered out of Systems - all companies - during January, 1955, per table 6 .....	26,980,667
Delivered to other Canadian Pipe Lines .....	9,364,638
"Net Delivered" from Canadian Pipe Line Systems .....	17,616,029
"Net Delivered" from Trunk Systems per table 1 .....	16,589,393
"Net Delivered" from Gathering Systems per table 2 .....	1,026,636

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, 1955.

	Barrels	Barrels
Total Shippers Balances - January 1, 1955 .....	8,037,013	
Total Carriers Balances - January 1, 1955 .....	378,440	8,415,453
Received into Gathering Systems during January 1955 .....	8,802,252	
Received into Trunk Systems during January 1955 .....	21,447,355	30,249,607
Total oil accountable for period .....		38,665,060
Delivered from Gathering Systems during January 1955 .....	8,700,552	
Delivered from Trunk Systems during January 1955 .....	21,244,881	29,945,433
Balance to be accounted for at January 31, 1955 .....		8,719,627
Oil consumed as fuel and losses .....		33,026
Balance on hand - January 31, 1955 .....		8,686,601
Total Shippers Balances - January 31, 1955 .....	(1) 8,221,699	
Total Carriers Balances - January 31, 1955 .....	464,902	

With the completion of Interprovincial's extension to Sarnia, the Transit and Storage Company's line from Cygnet, Ohio, to Sarnia was no longer needed and this line was sold to the Buckeye Pipe Line Company in November, 1953. This company ceased making deliveries to Canada in January, 1954, leaving only two lines operating across the St. Clair river from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these 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 these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil Barrels	The Buckeye Pipe Line Company Crude Oil Barrels	Sun Pipe Line Company Crude and Refined Oil Barrels
January, 1954	2,672,137	177,230	332,722
December, 1954	2,844,338	-	510,663
January, 1955	2,990,150	-	537,232

(1) Includes 118,476 barrels loaned to Trans-Mountain Oil Pipe Line Company for pipe line fill.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	JANUARY 1955	DECEMBER 1954	JANUARY 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	21,447,355	19,789,695	18,317,160	
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	2,964,766	1,333,618	891,217	
3. Other pipe lines - Gathering	2,963,221	2,903,861	2,293,675	
4. Trunk	6,415,817	5,986,138	5,562,482	
5. Net Received (6+7+8)	9,103,551	9,566,078	9,569,786	
6. Originating on own trunk lines	3,796,027	4,919,278	4,427,042	
7. Received from foreign pipe line connections	5,307,524	4,646,800	5,046,584	
8. Received from other carriers (rail & truck)	-	-	96,160	
9. Total Delivered * (10+11)	21,244,881	19,203,201	18,244,302	
10. Less: Delivered to other Canadian trunk lines	4,655,488	4,227,512	3,692,784	
11. Net Delivered (12+13+14)	16,589,393	14,975,689	14,551,518	
12. Terminated on own trunk lines	12,631,568	11,391,855	11,182,922	
13. Delivered to foreign pipe line connections	3,937,150	3,575,159	3,368,596	
14. Delivered to other carriers (rail & truck)	20,675	8,675	-	

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	JANUARY 1955	DECEMBER 1954	JANUARY 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	8,802,252	6,885,131	5,860,674	
16. Less: Received from other gathering systems	-	-	-	
17. Net Received (18+19)	8,802,252	6,885,131	5,860,674	
18. Originating on own gathering system	8,257,426	6,433,241	5,708,264	
19. Received from other carriers (rail & truck)	544,826	451,890	152,410	
20. Total Delivered * (21+22+23)	8,700,552	6,915,911	5,873,827	
Less: Delivered to other pipe lines -				
21. Own Trunk system	2,964,766	1,333,618	891,217	
22. Other pipe lines	4,709,150	4,632,844	4,167,322	
23. Net Delivered (24+25)	1,026,636	949,449	815,288	
24. Terminated on gathering systems	829,290	805,591	717,589	
25. Delivered to other carriers (rail & truck)	197,346	143,858	97,699	

/ Includes natural gasoline and products.

\* Includes duplications.

/ Includes natural gasoline.



TABLE 3

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

Province		JANUARY 1955	DECEMBER 1954	JANUARY 1954	YEAR TO DATE 1955
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,341,280	6,497,121	5,860,674	
"	- Trunk	480,884	1,787,520	1,590,553	
Saskatchewan	- Gathering	198,095	123,214	-	
"	- Trunk	-	-	1,947	
Manitoba	- Gathering	262,877	264,796	-	
"	- Trunk	-	-	94,213	
Ontario (2)	- Trunk	2,215,712	2,078,455	1,551,505	
Quebec (3)	- Trunk	6,406,955	5,700,103	6,331,568	
Net Received	- Gathering	8,802,252	6,885,131	5,860,674	
"	- Trunk	9,103,551	9,566,078	9,569,786	
"	- Total	17,905,803	16,451,209	15,430,460	

TABLE 4

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

Province		JANUARY 1955	DECEMBER 1954	JANUARY 1954	YEAR TO DATE 1955
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,176,000	1,938,262	939,868	
Alberta (1)	- Gathering	1,012,355	924,172	815,288	
"	- Trunk	676,003	580,204	602,903	
Saskatchewan	- Gathering	14,281	25,277	-	
"	- Trunk	1,022,655	909,817	1,221,726	
Manitoba	- Trunk	4,103,642	3,787,159	3,911,760	
Ontario (2)	- Trunk	3,316,605	3,133,617	2,837,248	
Quebec	- Trunk	5,294,488	4,626,630	5,038,013	
Net Delivered	- Gathering	1,026,636	949,449	815,288	
"	- Trunk	16,589,393	14,975,689	14,551,518	
"	- Total	17,616,029	15,925,138	15,366,806	
✓	Including exports to U.S.A. at Sumas, B.C.	420,514	321,919	-	
✓	Including deliveries to U.S. pipe lines, Gretna, Man.	3,516,636	3,253,240	3,368,596	

TABLE 5

OPERATING STATISTICS

		JANUARY 1955	DECEMBER 1954	JANUARY 1954	YEAR TO DATE 1955
Barrels Handled - Daily Average					
Gathering Systems	Barrels	280,663	223,093	189,478	
Trunk Lines	"	685,319	619,458	588,525	
Total Barrel Miles (Trunk Lines)	Millions	6,254	5,881	5,478	
Average Miles Per Barrel (Trunk Lines)	Miles	294.4	306.2	300.2	
Employees and Earnings (6)					
Average Number (4)	No.	1,190	1,166	1,007	
Total Salaries and Wages	\$	472,470	474,165	433,051	
Man-Hours Worked by Wage Earners (5) (6)	Hours	50,728	53,808	49,713	

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurax Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line, Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

January, 1955

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
<b>TRAFFIC*</b>			<u>Barrels</u>			
<u>Total Received into System</u>					(2)	
This month (January, 1955)	4,696,620	6,143,784	5,307,524	2,161,886	8,975,027	27,284,841
This year						
<u>Total Delivered out of System</u>					(3)	
This month (January, 1955)	4,706,979	6,123,102	5,294,488	2,176,000	8,680,098	26,980,667
This year						
<b>OPERATING STATISTICS</b>						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (January, 1955)	151,838	-	-	-	128,825	280,663
This year						
<u>Trunk Lines</u>						
This month (January, 1955)		197,519	170,789	70,194	246,817	685,319
This year						
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (January, 1955)	-	3,481	389	1,538	846	6,254
This year						
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (January, 1955)	-	569.0	73.5	707.0	110.6	294.4
This year						
<b>OPERATING REVENUES</b>			<u>Dollars</u>			
Three Months ending March 31,						
Six Months ending June 30,						
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
<b>EMPLOYEES AND EARNINGS</b>			<u>Number</u>		(4)	
Number of Employees (January, 1955)	194	380	50	156	410	1,190
<u>Salaries and Wages</u>			<u>Dollars</u>		(4)	
This month (January, 1955)	73,032	158,222	19,575	70,648	150,993	472,470
This year						
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>		(4)	
This month (January, 1955)	24,268	-	513	1,008	24,939	50,728
This year						

\* 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; Mid-Saskatchewan Pipe Lines Ltd.; Nisku Products Pipe Line Company, Limited; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, 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, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 3,364,919 bbls. products and 45,613 bbls. natural gasoline.
- (3) Includes 3,366,232 bbls. products and 53,900 bbls. natural gasoline.
- (4) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.



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# MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955

