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DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



DOMINION BUREAU OF STATISTICS
MAR 22 1956
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Vol. 6, No. 1

PIPE LINES (OIL) STATISTICS

JANUARY, 1956

Canadian oil pipe lines established a new record during January. Total net deliveries of oil amounted to 22,757,198 barrels as compared with 22,214,397 barrels for the month of December, an increase of 542,801 barrels or 2.4%. The daily average rose to a new high of 734,103 barrels, 27,510 barrels above the previous high of 716,593 for December 1955.

Compared with January 1955, total net deliveries increased by 5,141,169 barrels. Provincial totals for the month were as follows (1955 data in brackets): British Columbia 3,359,440 barrels (2,176,000); Alberta 1,833,425 (1,688,358); Saskatchewan 1,622,781 (1,036,936); Manitoba 5,610,642 (4,103,642); Ontario 3,858,581 (3,316,605) and Quebec 6,472,329 (5,294,488). British Columbia deliveries included 1,517,145 barrels (420,514) exported to the United States. Manitoba deliveries included 4,748,771 barrels (3,516,636) which were delivered to the Lakehead Pipe Line Company at the United States border. Of this 1,433,814 barrels (207,463) were for export, while the remainder returned to Canada at Sarnia.

Net receipts during the month of January totalled 23,071,677 barrels compared with 17,905,803 in January 1955, an increase of 28.9%. Included in the January receipts were 11,431,138 barrels of Alberta crude and 62,948 barrels of Alberta natural gasoline, 688,783 barrels of Saskatchewan crude, 428,718 of Manitoba crude, 6,507,448 of imported crude and 3,952,642 barrels of refinery products.

Gathering systems handled an average of 390,540 barrels per day in January compared with 354,319 in December 1955. Trunk lines increased their deliveries to an average of 953,830 barrels per day from 923,581 in the previous month. Barrel miles amounting to 8,631 million were down by 145 million from the December record of 8,776. Employment increased from 1,300 employees in December to 1,325 in the month under review, but earnings were slightly lower at \$548,020.

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., Mobil Oil of Canada, 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.

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

8504-508-16

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 January 1956, per table 6	36,043,740
Received into Trunk Lines from other Canadian Pipe Lines	12,972,063
"Net Received" into Canadian Pipe Line Systems	23,071,677
"Net Received" into Trunk Systems per table 1	10,993,840
"Net Received" into Gathering Systems per table 2	12,077,837
Total Delivered out of Systems - all companies - during January 1956, per table 6	35,747,566
Delivered to other Canadian Pipe Lines	12,990,368
"Net Delivered" from Canadian Pipe Line Systems	22,757,198
"Net Delivered" from Trunk Systems per table 1	21,738,829
"Net Delivered" from Gathering Systems per table 2	1,018,369

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, 1956

	<u>Barrels</u>	
Total Shippers Balances - January 1, 1956	8,937,210	
Total Carriers Balances - January 1, 1956	375,411	9,312,621
Received into Gathering Systems during January 1956	12,077,837	
Received into Trunk Systems during January 1956	29,893,812	41,971,649
Total oil accountable for period		51,284,270
Delivered from Gathering Systems during January 1956	12,106,737	
Delivered from Trunk Systems during January 1956	29,568,738	41,675,475
Balance to be accounted for at January 31, 1956		9,608,795
Oil consumed as fuel and losses		47,543
Balance on hand - January 31, 1956		9,561,252
Total Shippers Balances - January 31, 1956	9,125,575	
Total Carriers Balances - January 31, 1956	435,677	

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 Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
January 1955	2,990,150	537,232
December 1955	3,336,463	461,391
January 1956	3,427,322	446,933

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	JANUARY 1956	DECEMBER 1955	JANUARY 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	29,893,812	27,775,849	21,447,355	
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	5,927,909	5,269,505	2,964,766	
3. Other pipe lines - Gathering	3,176,240	2,970,690	2,963,221	
4. Trunk	9,795,823	9,154,735	6,415,817	
5. <u>Net Received (6+7+8)</u>	10,993,840	10,380,919	9,103,551	
6. Originating on own trunk lines	4,343,639	4,269,306	3,796,027	
7. Received from foreign pipe line connections	6,507,448	6,018,276	5,307,524	
8. Received from other carriers (rail & truck)	142,753	93,337	-	
9. <u>Total Delivered * (10+11)</u>	29,568,738	28,630,996	21,244,881	
10. Less: Delivered to other Canadian trunk lines	7,829,909	7,327,208	4,655,488	
11. <u>Net Delivered (12+13+14)</u>	21,738,829	21,303,788	16,589,393	
12. Terminated on own trunk lines	15,440,660	14,840,129	12,631,568	
13. Delivered to foreign pipe line connections	6,265,916	6,427,505	3,937,150	
14. Delivered to other carriers (rail & truck)	32,253	36,154	20,675	

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	JANUARY 1956	DECEMBER 1955	JANUARY 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	12,077,837	10,989,524	8,802,252	
16. Less: Received from other gathering systems	-	-	-	
17. <u>Net Received (18+19)</u>	12,077,837	10,989,524	8,802,252	
18. Originating on own gathering system	11,708,136	10,576,463	8,257,426	
19. Received from other carriers (rail & truck)	369,701	413,061	544,826	
20. <u>Total Delivered * (21+22+23)</u>	12,106,737	10,983,899	8,700,552	
Less: Delivered to other pipe lines -				
21. Own Trunk system	5,927,909	5,269,505	2,964,766	
22. Other pipe lines	5,160,459	4,803,785	4,709,150	
23. <u>Net Delivered (24+25)</u>	1,018,369	910,609	1,026,636	
24. Terminated on gathering systems	825,858	749,035	829,290	
25. Delivered to other carriers (rail & truck)	192,511	161,574	197,346	

/ 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		YEAR TO DATE	
	1956	DECEMBER 1955	JANUARY 1955	1956
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	10,963,910	9,970,594	8,341,280	
" - Trunk	623,980	569,013	480,884	
Saskatchewan - Gathering	685,209	596,645	198,095	
" - Trunk	3,574	5,623	-	
Manitoba - Gathering	428,718	422,285	262,877	
" - Trunk	-	-	-	
Ontario (2) - Trunk	2,416,070	2,381,711	2,215,712	
Quebec (3) - Trunk	7,950,216	7,424,572	6,406,955	
Net Received - Gathering	12,077,837	10,989,524	8,802,252	
" " - Trunk	10,993,840	10,380,919	9,103,551	
" " - Total	23,071,677	21,370,443	17,905,803	

TABLE 4

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

Province	JANUARY		YEAR TO DATE	
	1956	DECEMBER 1955	JANUARY 1955	1956
	Barrels	Barrels	Barrels	Barrels
British Columbia [†] - Trunk	3,359,440	3,517,585	2,176,000	
Alberta (1) - Gathering	909,513	878,014	1,012,355	
" - Trunk	923,912	778,763	676,003	
Saskatchewan - Gathering	108,856	32,595	14,281	
" - Trunk	1,513,925	1,454,731	1,022,655	
Manitoba ^β - Trunk	5,610,642	5,672,925	4,103,642	
Ontario (2) - Trunk	3,858,581	3,819,916	3,316,605	
Quebec - Trunk	6,472,329	6,059,868	5,294,488	
Net Delivered - Gathering	1,018,369	910,609	1,026,636	
" " - Trunk	21,738,829	21,303,788	16,589,393	
" " - Total	22,757,198	22,214,397	17,616,029	
[†] Including exports to U.S.A. at Sumas, B.C.	1,517,145	1,587,599	420,514	
^β Including deliveries to U.S. pipe lines, Gretna, Man.	4,748,771	4,839,906	3,516,636	

TABLE 5

OPERATING STATISTICS

	JANUARY		YEAR TO DATE	
	1956	DECEMBER 1955	JANUARY 1955	1956
Barrels Handled - Daily Average				
Gathering Systems	Barrels	390,540	354,319	280,663
Trunk Lines	"	953,830	923,581	685,319
Total Barrel Miles (Trunk Lines)	Millions	8,631	8,776	6,254
Average Miles Per Barrel (Trunk Lines)	Miles	291.9	306.5	294.4
Employees and Earnings (6)				
Average Number (4)	No.	1,325	1,300	1,190
Total Salaries and Wages	\$	548,020	565,632	472,470
Man-Hours Worked by Wage Earners (5) (6)	Hours	59,355	63,428	50,728

- (1) Includes natural gasoline.
- (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., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JANUARY, 1956

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>					(2)	
This month (January 1956)	5,064,005	8,135,876	6,507,448	3,482,921	12,853,490	36,043,740
This year						
<u>Total Delivered out of System</u>					(3)	
This month (January 1956)	5,079,947	8,025,537	6,472,329	3,359,440	12,810,313	35,747,566
This year						
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (January 1956)	163,869	-	-	-	226,671	390,540
This year						
<u>Trunk Lines</u>						
This month (January 1956)	-	258,883	208,785	108,369	377,793	953,830
This year						
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (January 1956)	-	4,517	477	2,321	1,316	8,631
This year						
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (January 1956)	-	563.0	73.7	691.0	112.4	291.9
This year						
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31,						
Six Months ending June 30,						
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (January 1956)	201	373	50	172	(4) 529	1,325
<u>Salaries and Wages</u>			<u>Dollars</u>		(4)	
This month (January 1956)	77,519	164,111	19,837	80,909	205,644	548,020
This year						
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>		(4)	
This month (January 1956)	23,044	150	504	1,499	34,158	59,355
This year						

* Totals include duplication between companies.

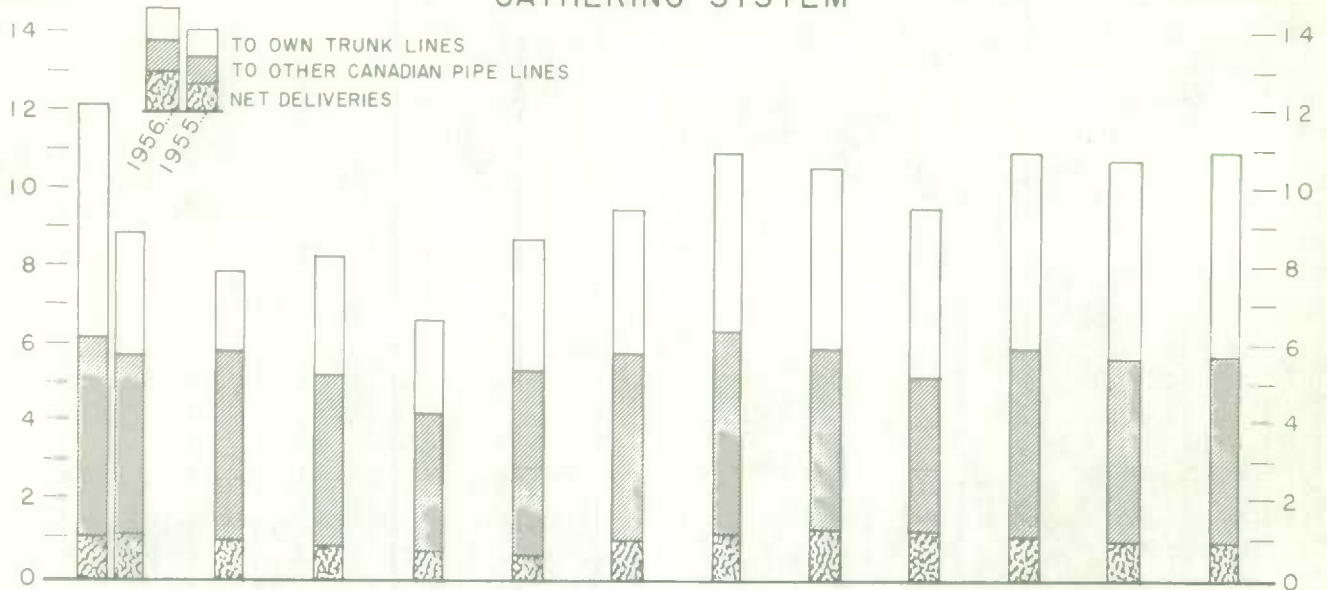
- (1) Includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo Canadian Oils, Limited, B.A. Alberta Pipe Line, Limited, B.A. Saskatchewan Pipe Line, Limited, Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited, Gibson Crude Oil Purchasing Co. Limited, Green River Exploration Co. Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, Pembina Pipe Line, Ltd., Trans-Prairie Pipe Lines Limited, Saskatchewan 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 3,952,642 bbls. products and 62,948 bbls. natural gasoline.
- (3) Includes 3,952,260 bbls. products and 62,993 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. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, and Valley Pipe Line Company, Ltd.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

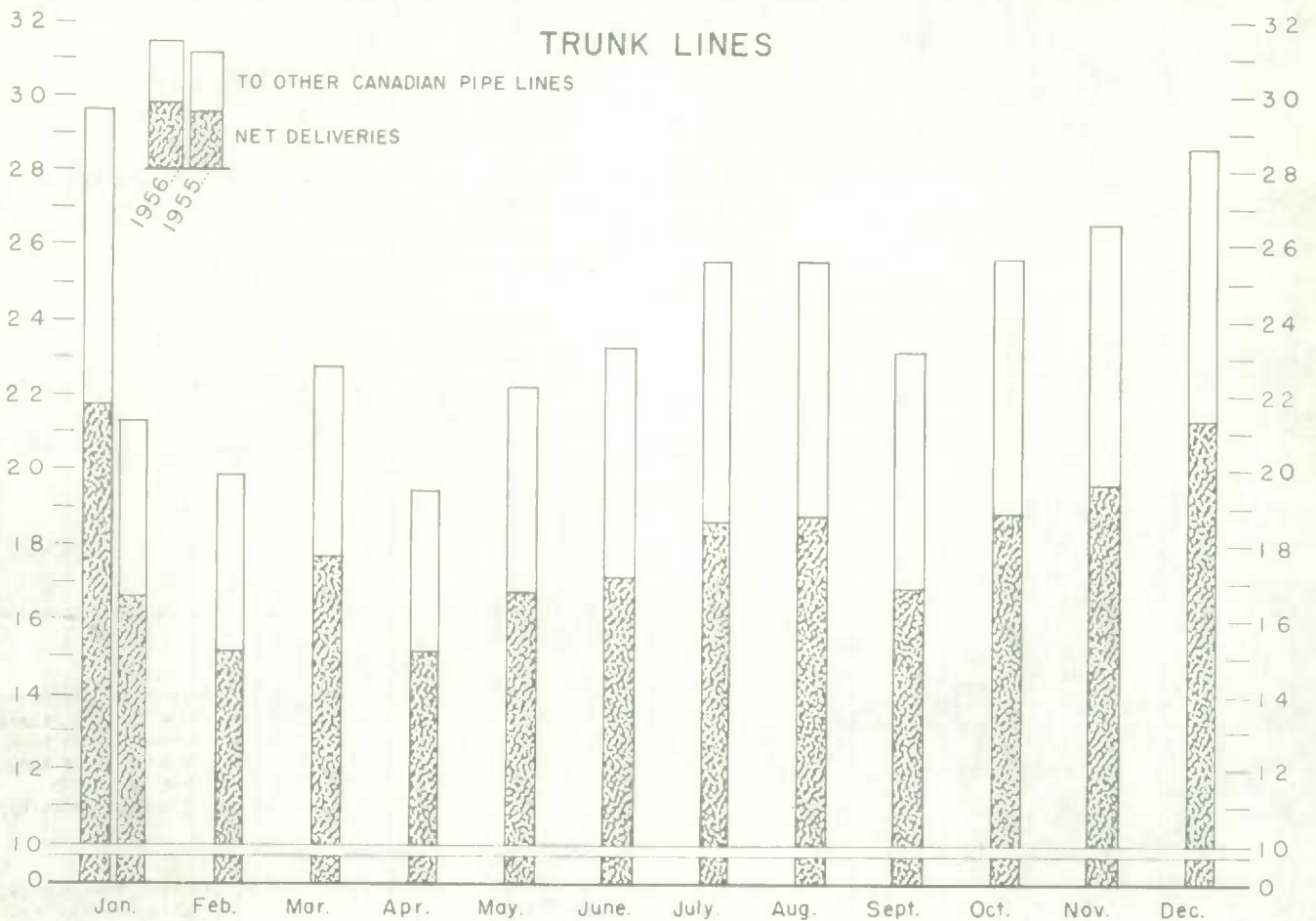
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