

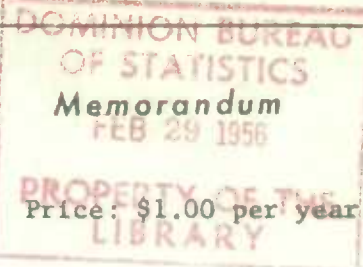
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## DOMINION BUREAU OF STATISTICS

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Vol. 5, No. 12

## PIPE LINES (OIL) STATISTICS

DECEMBER, 1955

Oil deliveries from Canadian pipe lines established a new record in December with an average net delivery of 716,593 barrels per day. This was 31,371 barrels above the November record of 685,222 and 202,879 barrels or 39 p.c. above the daily average of 513,714 recorded in December last year. Net deliveries for the month amounted to 22,214,397 barrels, 8 p.c. above the November delivery of 20,556,669.

For the twelve months ended December 31 net deliveries totalled 224,274,768 barrels compared with 172,495,935 in 1954. Deliveries of the Trans Mountain Oil Pipe Line Company more than doubled, amounting to 30,718,142 barrels in 1955 compared with 14,566,437 in the previous year. The Montreal Pipe Line Company recorded deliveries of 67,691,018 barrels during 1955 as against 53,323,422 in 1954, up 27 p.c., while the Interprovincial Pipe Line Company rose by 24 p.c. to 80,701,123 barrels from 64,913,394 in 1954. Provincial deliveries for the twelve months were as follows (1954 data in brackets): British Columbia 30,718,142 (14,566,334); Alberta 18,518,740 (16,452,608); Saskatchewan 15,543,202 (14,191,691); Manitoba 53,909,645 (41,519,892); Ontario 37,894,021 (32,441,988); and Quebec 67,691,018 (53,323,422). Manitoba deliveries included transfers of oil from the Interprovincial system to the Lakehead Pipe Line Company at the United States border amounting to 46,395,093 barrels (34,776,583). Of this, 5,246,832 barrels (1,663,758) was for export while the remainder returned to Canada at Sarnia. Exports via the Trans Mountain line totalled 11,408,992 barrels for the year compared with 953,403 in 1954.

Refinery products delivered during the year rose to 38,607,751 barrels from 32,704,378 in 1954, an increase of 18 p.c. Of this total, refined gasoline accounted for 21,730,914 barrels (19,910,966), distillate fuels for 13,478,675 (9,782,157) and refined oil and other products for 3,398,162 (2,958,618).

Net receipts during the month of December totalled 21,370,443 barrels compared with 16,451,209 in December 1954, an increase of 30 p.c. Included in the month's receipts were 10,386,073 barrels of Alberta crude, 63,932 barrels of Alberta natural gasoline, 602,268 of Saskatchewan crude, 422,285 of Manitoba crude, 6,018,276 barrels of imported crude and 3,877,609 barrels of refinery products.

Gathering systems handled an average of 354,319 barrels per day in December compared with 356,582 barrels in November. Trunk lines increased their deliveries to an average of 923,581 barrels per day from 884,610 in November. Barrel miles amounting to 8,776 million were 826 million above the November record of 7,950. Employment fell off during the month with 1,300 employees against 1,314 in November. Earnings, however, rose to \$565,632 from \$546,669 in the previous month. Earnings for the year averaged \$4,890 as against \$4,644 in 1954, an increase of 5 p.c.

Note: Data for November 1955 revised.

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Operating revenues rose from \$15,543,021 in the third quarter of 1955 to \$16,778,228 in the last quarter. This was 8 p.c. above the corresponding period of 1954. For the twelve months ended December 31, operating revenues totalled \$58,952,816 compared with 41,765,773 in 1954, an increase of 41 p.c.

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.

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 twelve months of 1955, per table 6 .....	351,005,796
Received into Trunk Lines from other Canadian Pipe Lines .....	125,200,341
"Net Received" into Canadian Pipe Line Systems .....	225,805,255
"Net Received" into Trunk Systems per table 1 .....	112,780,047
"Net Received" into Gathering Systems per table 2 .....	113,025,208
Total Delivered out of Systems - all companies -	
during twelve months of 1955, per table 6 .....	349,808,861
Delivered to other Canadian Pipe Lines .....	125,534,093
"Net Delivered" from Canadian Pipe Line Systems .....	224,274,768
"Net Delivered" from Trunk Systems per table 1 .....	212,828,540
"Net Delivered" from Gathering Systems per table 2 .....	11,446,228

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 December and are given herewith:

OIL BALANCE - ALL COMPANIES - DECEMBER, 1955

	<u>Barrels</u>	
Total Shippers Balances - January 1, 1955 .....	8,041,597	
Total Carriers Balances - January 1, 1955 .....	379,397	8,420,994
Received into Gathering Systems January 1 to December 31, 1955 .....	113,025,208	
Received into Trunk Systems January 1 to December 31, 1955 .....	285,110,621	398,135,829
Total oil accountable for period .....		406,556,823
Delivered from Gathering Systems January 1 to December 31, 1955 .....	112,955,614	
Delivered from Trunk Systems January 1 to December 31, 1955 .....	283,983,280	396,938,894
Balance to be accounted for at December 31, 1955 .....		9,617,929
Oil consumed as fuel and losses .....		305,308
Balance on hand - December 31, 1955 .....		9,312,621
Total Shippers Balances - December 31, 1955 .....	8,937,210	
Total Carriers Balances - December 31, 1955 .....	375,411	

The Interprovincial and Sun Pipe Line Companies operate lines 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	Sun Pipe Line Company
	Crude Oil	Crude and Refined Oil
	Barrels	Barrels
December, 1954	2,844,338	510,663
November, 1955	2,566,064	367,500
December, 1955	3,336,463	461,391

TABLE 1

OIL<sup>f</sup> CARRIED BY PIPE LINES - TRUNK

	December 1955	November 1955	December 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	27,775,849	26,708,487	19,789,695	285,110,621
Less: Received from other Canadian pipe lines -				
2.     Own Gathering System	5,269,505	5,076,712	1,333,618	47,130,033
3.     Other pipe lines - Gathering	2,970,690	2,998,818	2,903,861	34,980,250
4.                     Trunk	9,154,735	8,608,460	5,986,138	90,220,291
5. <u>Net Received (6+7+8)</u>	10,380,919	10,024,497	9,566,078	112,780,047
6.     Originating on own trunk lines	4,269,306	3,919,513	4,919,278	43,542,241
7.     Received from foreign pipe line connections	6,018,276	6,012,795	4,646,800	67,681,750
8.     Received from other carriers (rail & truck)	93,337	92,189	-	1,556,056
9. <u>Total Delivered * (10+11)</u>	28,630,996	26,538,309	19,203,201	283,983,280
10. Less: Delivered to other Canadian trunk lines	7,327,208	6,926,151	4,227,512	71,154,740
11. <u>Net Delivered (12+13+14)</u>	21,303,788	19,612,158	14,975,689	212,828,540
12.     Terminated on own trunk lines	14,840,129	13,471,294	11,391,855	154,748,261
13.     Delivered to foreign pipe line connections	6,427,505	6,105,786	3,575,159	57,804,085
14.     Delivered to other carriers (rail & truck)	36,154	35,078	8,675	276,194

TABLE 2

OIL<sup>f</sup> CARRIED BY PIPE LINES - GATHERING

	December 1955	November <sup>x</sup> 1955	December 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	10,989,524	10,759,708	6,885,131	113,025,208
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	10,989,524	10,759,708	6,885,131	113,025,208
18.     Originating on own gathering system	10,576,463	10,404,376	6,433,241	109,677,296
19.     Received from other carriers (rail & truck)	413,061	355,332	451,890	3,347,912
20. <u>Total Delivered * (21+22+23)</u>	10,983,899	10,697,482	6,915,911	112,955,614
Less: Delivered to other pipe lines -				
21.     Own Trunk system	5,269,505	5,076,712	1,333,618	47,130,033
22.     Other pipe lines	4,803,785	4,676,259	4,632,844	54,379,353
23. <u>Net Delivered (24+25)</u>	910,609	944,511	949,449	11,446,228
24.     Terminated on gathering systems	749,035	769,644	805,591	9,023,564
25.     Delivered to other carriers (rail & truck)	161,574	174,867	143,858	2,422,664

<sup>f</sup> Includes natural gasoline and products.  
<sup>\*</sup> Includes duplications.  
<sup>f</sup> Includes natural gasoline.  
<sup>x</sup> Revised.



TABLE 3

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

Province		December	November <sup>x</sup>	December	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,970,594	9,811,530	6,497,121	103,552,723
"	- Trunk	569,013	576,599	1,787,520	7,151,521
Saskatchewan	- Gathering	596,645	543,831	123,214	5,415,762
"	- Trunk	5,623	451	-	10,280
Manitoba	- Gathering	422,285	404,347	264,796	4,056,723
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,381,711	2,135,026	2,078,455	23,577,885
Quebec (3)	- Trunk	7,424,572	7,312,421	5,700,103	82,040,361
Net Received	- Gathering	10,989,524	10,759,708	6,885,131	113,025,208
"	- Trunk	10,380,919	10,024,497	9,566,078	112,780,047
"	- Total	21,370,443	20,784,205	16,451,209	225,805,255

TABLE 4

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

Province		December	November <sup>x</sup>	December	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia <sup>1</sup>	- Trunk	3,517,585	2,973,423	1,938,262	30,718,142
Alberta (1)	- Gathering	878,014	909,024	924,172	10,850,084
"	- Trunk	778,763	746,461	580,204	7,668,656
Saskatchewan	- Gathering	32,595	35,487	25,277	596,144
"	- Trunk	1,454,731	1,030,798	909,817	14,947,058
Manitoba <sup>6</sup>	- Trunk	5,672,925	5,426,941	3,787,159	53,909,645
Ontario (2)	- Trunk	3,819,916	3,428,035	3,133,617	37,894,021
Quebec	- Trunk	6,059,868	6,006,500	4,626,630	67,691,018
Net Delivered	- Gathering	910,609	944,511	949,449	11,446,228
"	- Trunk	21,303,788	19,612,158	14,975,689	212,828,540
"	- Total	22,214,397	20,556,669	15,925,138	224,274,768
<sup>1</sup> Including exports to U.S.A. at Sumas, B.C.		1,587,599	1,282,029	321,919	11,408,992
<sup>6</sup> Including deliveries to U.S. pipe lines, Gretna, Man.		4,839,906	4,823,757	3,253,240	46,395,093

TABLE 5

OPERATING STATISTICS

		December	November <sup>x</sup>	December	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	354,319	356,582	223,093	309,467
Trunk Lines	"	923,581	884,610	619,458	778,036
Total Barrel Miles (Trunk Lines)	Millions	8,776	7,950	5,881	83,693
Average Miles Per Barrel (Trunk Lines)	Miles	306.5	299.6	306.2	294.7
Employees and Earnings (6)					
Average Number (4)	No.	1,300	1,314	1,166	1,267
Total Salaries and Wages	\$	565,632	546,669	474,165	6,196,071
Man-Hours Worked by Wage Earners (5) (6)	Hours	63,428	58,120	53,808	683,861

- (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.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

December, 1955

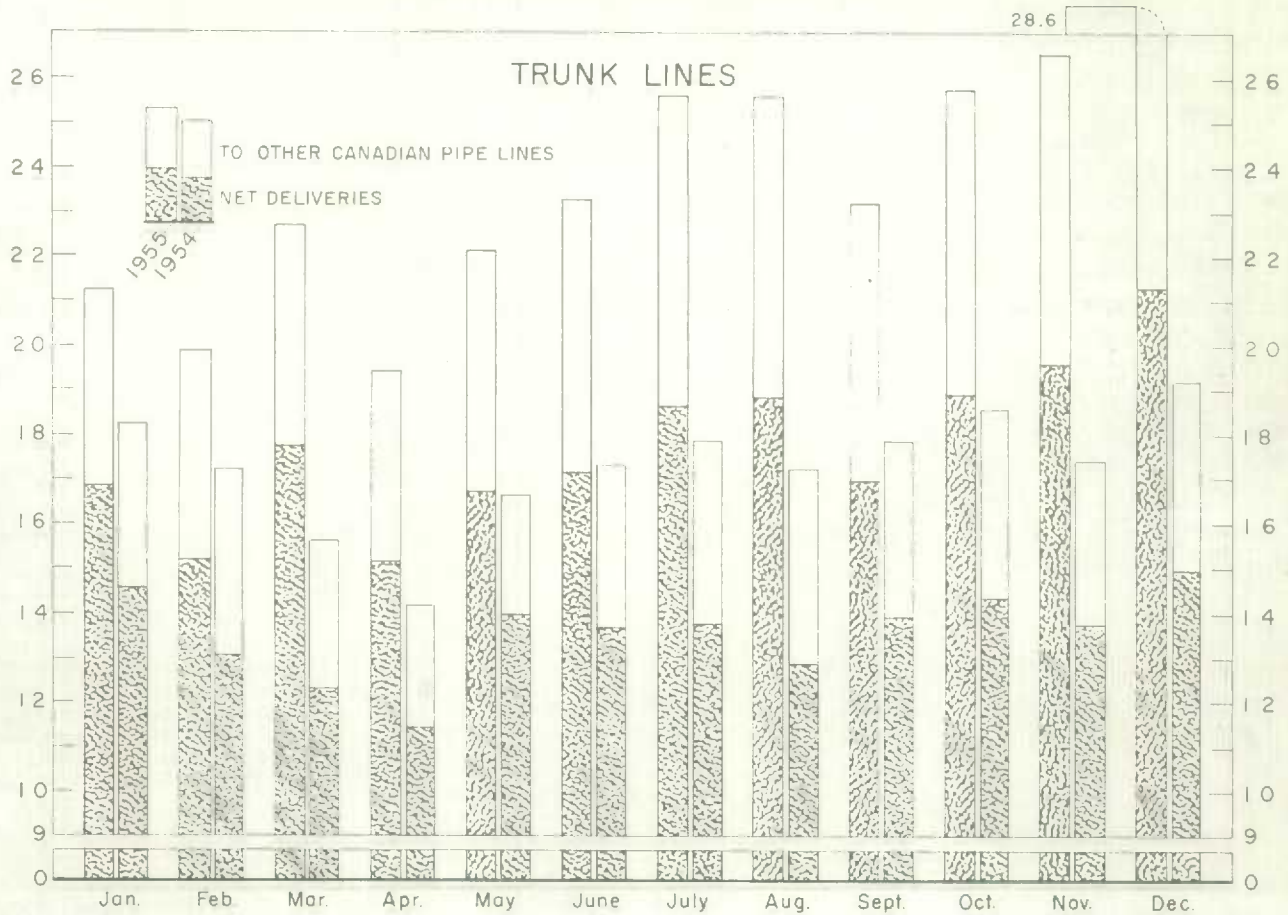
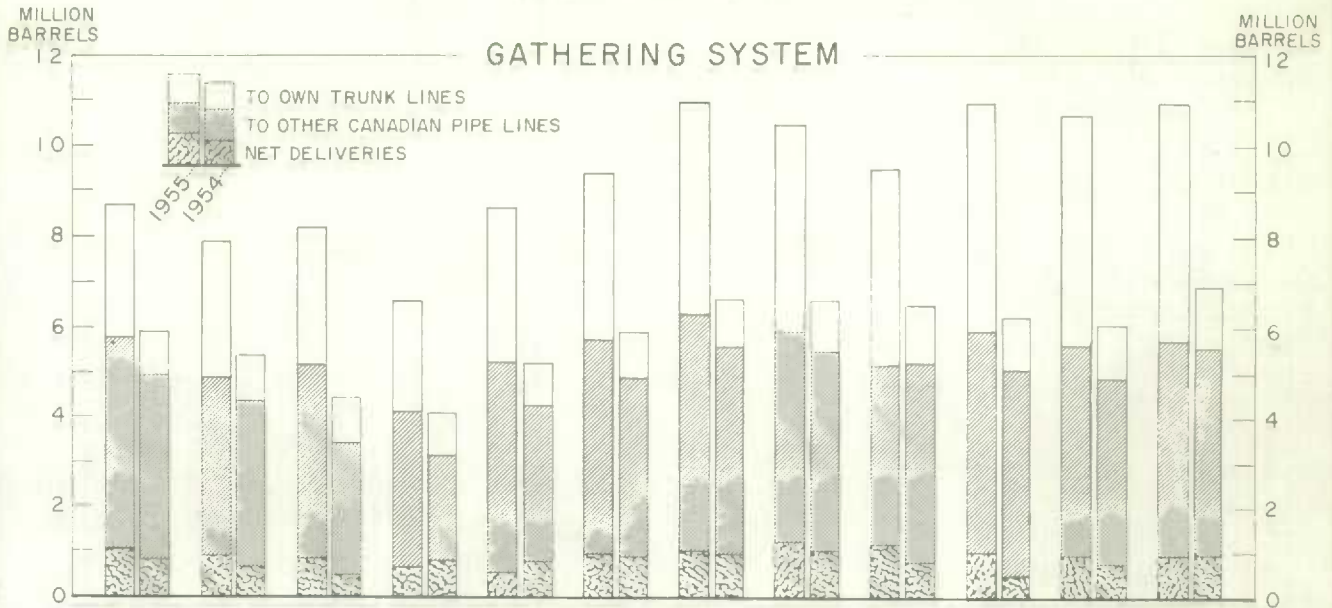
Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
<b>TRAFFIC*</b>						
<u>Total Received into System</u>			<u>Barrels</u>			
This month (December, 1955)	4,655,143	7,928,411	6,018,276	2,875,029	(2) 12,019,009	33,495,868
This year (12 months)	53,066,888	80,947,596	67,681,750	31,346,397	(3) 117,963,165	351,005,796
<u>Total Delivered out of System</u>						
This month (December, 1955)	4,674,826	7,972,462	6,059,868	3,517,585	(4) 12,120,649	34,345,390
This year (12 months)	53,056,590	80,701,123	67,691,018	30,718,142	(5) 117,641,988	349,808,861
<b>OPERATING STATISTICS</b>						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (December, 1955)	150,801	-	-	-	203,518	354,319
This year (12 months)	145,361	-	-	-	164,106	309,467
<u>Trunk Lines</u>						
This month (December, 1955)	-	257,176	195,480	113,471	357,454	923,581
This year (12 months)	-	221,099	185,455	84,159	287,323	778,036
<u>Total Barrel Miles</u>						
<u>(Trunk Lines - in millions)</u>						
This month (December, 1955)	-	4,623	447	2,438	1,268	8,776
This year (12 months)	-	44,776	4,981	21,407	12,529	83,693
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (December, 1955)	-	580.0	73.7	693.0	114.5	306.5
This year (12 months)	-	555.0	73.6	697.0	119.5	294.7
<b>OPERATING REVENUES</b>						
Three Months ending March 31, 1955	969,737	4,345,246	<u>Dollars</u> 542,496		(7) 4,004,290	12,829,667
Six Months ending June 30, 1955	1,887,471	9,255,047	1,141,931	6,228,624	(7) 8,118,496	26,631,569
Nine Months ending Sept. 30, 1955	2,872,120	14,553,523	1,757,242	10,173,310	(7) 12,818,395 (x)	42,174,590
Twelve Months ending Dec. 31, 1955	3,780,357	20,590,203	2,387,663	14,394,233	(7) 17,800,360	58,952,816
<b>EMPLOYEES AND EARNINGS</b>						
Number of Employees (December, 1955)	192	376	<u>Number</u> 50		(6) 175	507
<u>Salaries and Wages</u>						
This month (December, 1955)	78,821	173,109	<u>Dollars</u> 20,515		(6) 82,570	210,617
This year (12 months)	876,819	1,997,505	259,031	913,126	(6) 2,149,590	6,196,071
<u>Man-Hours Worked by Wage Earners</u>						
This month (December, 1955)	23,754	256	<u>Hours</u> 517		(6) 1,949	36,952
This year (12 months)	285,264	4,377	16,642	18,689	(6) 358,889	683,861

\* Totals include duplication between companies.

x Revised

- (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 3,877,609 bbls. products and 63,932 bbls. natural gasoline.
- (3) Includes 38,649,679 bbls. products and 621,258 bbls. natural gasoline.
- (4) Includes 3,909,677 bbls. products and 64,470 bbls. natural gasoline.
- (5) Includes 38,607,751 bbls. products and 611,750 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. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, and Valley Pipe Line Company, Ltd.
- (7) Excludes Anglo American Exploration Company, Green River Exploration Company, Mobil Oil of Canada, Ltd., and Sarnia Products Line.

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





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