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PIPE LINES (OIL) STATISTICS

APRIL, 1955

Due to a decreased demand for crude oil all major pipe lines in Canada reported lower deliveries for April. Net deliveries for the month amounted to 15,818,889 barrels, or an average of 527,296 barrels per day. This was a drop of 12 p.c. from the March average of 598,766 barrels but 29 p.c. above the daily average of 406,887 barrels delivered in April last year.

Net deliveries for the four months ended April 30 amounted to 68,222,523 barrels, 26 p.c. above deliveries of 54,223,658* recorded in the same period of 1954. Of this total, refinery products accounted for 13,225,551 barrels, as against 10,503,483 in 1954. Provincial deliveries for the first four months were as follows, (1954 data in brackets): British Columbia, 8,618,407 barrels (4,053,787); Alberta 5,679,030 (5,142,027); Saskatchewan 4,888,321 (4,110,900); Manitoba 14,697,209 (11,561,245); Ontario 13,050,471 (10,503,483); and Quebec 21,289,085 (18,852,216). Included in the Manitoba deliveries were 12,332,159 barrels (9,370,462) transferred from the Interprovincial system in Manitoba to the Lakehead Pipe Line Company for shipment through the United States, principally destined to refineries at Sarnia.

Net receipts for the month of April totalled 15,733,202 barrels, down 13 p.c. from March receipts of 18,142,315. Included in the April receipts were 6,508,027 barrels of Alberta crude, 48,664 of Alberta natural gasoline, 247,710 of Saskatchewan crude, 205,726 of Manitoba crude, 5,328,382 of imported crude and 3,394,693 barrels of refinery products.

Gathering systems handled an average of 219,163 barrels per day in April compared with 264,480 in March, down by some 45,000 barrels per day. Trunk lines fell off by 86,484 barrels per day with an average delivery of 646,938 barrels in April against 733,422 in March. Barrel miles at 5,423 million were down by 19.6 p.c. and the average length of haul fell from 296.8 miles in March to 279.4.

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, 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.

* Revised.

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

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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 first four months of 1955, per table 6 | 103,261,744 |
| Received into Trunk Lines from other Canadian Pipe Lines | 35,011,759 |
| "Net Received" into Canadian Pipe Line Systems | 68,249,985 |
| "Net Received" into Trunk Systems per table 1 | 36,857,096 |
| "Net Received" into Gathering Systems per table 2 | 31,392,889 |
| Total Delivered out of Systems - all companies - during first four months of 1955, per table 6 | 103,378,934 |
| Delivered to other Canadian Pipe Lines | 35,156,411 |
| "Net Delivered" from Canadian Pipe Line Systems | 68,222,523 |
| "Net Delivered" from Trunk Systems per table 1 | 64,687,050 |
| "Net Delivered" from Gathering Systems per table 2 | 3,535,473 |

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 April and are given herewith:

OIL BALANCE - ALL COMPANIES - APRIL, 1955

| | Barrels | |
|--|------------|-------------|
| 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 April 30, 1955 | 31,392,889 | |
| Received into Trunk Systems January 1 to April 30, 1955 | 83,088,831 | 114,481,720 |
| Total oil accountable for period | | 122,902,714 |
| Delivered from Gathering Systems January 1 to April 30, 1955 | 31,326,960 | |
| Delivered from Trunk Systems January 1 to April 30, 1955 | 83,271,950 | 114,598,910 |
| Balance to be accounted for at April 30, 1955 | | 8,303,804 |
| Oil consumed as fuel and losses | | 29,441 |
| Balance on hand - April 30, 1955 | | 8,274,363 |
| Total Shippers Balances - April 30, 1955 | 7,740,578 | |
| Total Carriers Balances - April 30, 1955 | 533,785 | |

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 |
| April, 1954 | 2,081,025 | 390,622 |
| March, 1955 | 2,108,097 | 480,461 |
| April, 1955 | 2,105,173 | 428,816 |

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

| | APRIL 1 9 5 5 | MARCH 1 9 5 5 | ^x APRIL 1 9 5 4 | YEAR TO DATE 1 9 5 5 |
|---|------------------|------------------|-------------------------------|-------------------------|
| | Barrels | Barrels | Barrels | Barrels |
| 1. Total Received * (2+3+4+5) | 19,139,494 | 22,313,352 | 14,021,611 | 83,088,831 |
| Less: Received from other Canadian pipe lines - | | | | |
| 2. Own Gathering System | 2,447,595 | 3,006,404 | 958,208 | 11,219,976 |
| 3. Other pipe lines - Gathering | 2,028,960 | 2,687,312 | 1,402,494 | 10,274,417 |
| 4. Trunk | 5,523,933 | 6,676,467 | 3,768,651 | 24,737,342 |
| 5. Net Received (6+7+8) | 9,139,006 | 9,943,169 | 7,892,258 | 36,857,096 |
| 6. Originating on own trunk lines | 3,796,815 | 3,941,418 | 3,356,195 | 14,940,873 |
| 7. Received from foreign pipe line connections | 5,328,382 | 5,712,350 | 4,516,460 | 21,291,311 |
| 8. Received from other carriers (rail & truck) | 13,809 | 289,401 | 19,603 | 624,912 |
| 9. Total Delivered * (10+11) | 19,408,142 | 22,736,079 | 14,202,494 | 83,271,950 |
| 10. Less: Delivered to other Canadian trunk lines | 4,251,968 | 4,959,690 | 2,787,167 | 18,584,900 |
| 11. Net Delivered (12+13+14) | 15,156,174 | 17,776,389 | 11,415,327 | 64,687,050 |
| 12. Terminated on own trunk lines | 12,268,591 | 13,197,717 | 9,634,043 | 49,809,475 |
| 13. Delivered to foreign pipe line connections | 2,863,304 | 4,561,962 | 1,781,284 | 14,803,403 |
| 14. Delivered to other carriers (rail & truck) | 24,279 | 16,710 | - | 74,172 |

TABLE 2

OIL^f CARRIED BY PIPE LINES - GATHERING

| | APRIL 1 9 5 5 | MARCH 1 9 5 5 | ^x APRIL 1 9 5 4 | YEAR TO DATE 1 9 5 5 |
|---|------------------|------------------|-------------------------------|-------------------------|
| | Barrels | Barrels | Barrels | Barrels |
| 15. Total Received (16+17) | 6,594,196 | 8,199,146 | 4,046,499 | 31,392,889 |
| 16. Less: Received from other gathering systems | - | - | - | - |
| 17. Net Received (18+19) | 6,594,196 | 8,199,146 | 4,046,499 | 31,392,889 |
| 18. Originating on own gathering system | 6,569,583 | 7,925,947 | 3,802,284 | 30,432,656 |
| 19. Received from other carriers (rail & truck) | 24,613 | 273,199 | 244,215 | 960,233 |
| 20. Total Delivered * (21+22+23) | 6,574,884 | 8,198,893 | 4,130,587 | 31,326,960 |
| Less: Delivered to other pipe lines - | | | | |
| 21. Own Trunk system | 2,447,595 | 3,006,404 | 958,208 | 11,219,976 |
| 22. Other pipe lines | 3,464,574 | 4,407,120 | 2,367,089 | 16,571,511 |
| 23. Net Delivered (24+25) | 662,715 | 785,369 | 805,290 | 3,535,473 |
| 24. Terminated on gathering systems | 471,553 | 592,912 | 762,033 | 2,672,293 |
| 25. Delivered to other carriers (rail & truck) | 191,162 | 192,457 | 43,257 | 863,180 |

^f Includes natural gasoline and products.

* Includes duplications.

^f Includes natural gasoline.

x Revised

TABLE 3

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

| Province | | APRIL 1 9 5 5 | MARCH 1 9 5 5 | * APRIL 1 9 5 4 | YEAR TO DATE 1 9 5 5 |
|--------------|-------------|------------------|------------------|--------------------|-------------------------|
| | | Barrels | Barrels | Barrels | Barrels |
| Alberta (1) | - Gathering | 6,140,760 | 7,682,407 | 3,892,085 | 29,324,959 |
| " | - Trunk | 463,501 | 753,591 | 811,253 | 2,435,294 |
| Saskatchewan | - Gathering | 247,710 | 208,515 | 22,210 | 1,038,645 |
| " | - Trunk | - | - | - | - |
| Manitoba | - Gathering | 205,726 | 308,224 | 132,204 | 1,029,285 |
| " | - Trunk | - | - | - | - |
| Ontario (2) | - Trunk | 2,099,846 | 2,191,439 | 1,513,776 | 8,381,579 |
| Quebec (3) | - Trunk | 6,575,659 | 6,998,139 | 5,567,229 | 26,040,223 |
| Net Received | - Gathering | 6,594,196 | 8,199,146 | 4,046,499 | 31,392,889 |
| " " | - Trunk | 9,139,006 | 9,943,169 | 7,892,258 | 36,857,096 |
| " " | - Total | 15,733,202 | 18,142,315 | 11,938,757 | 68,249,985 |

TABLE 4

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

| Province | | APRIL 1 9 5 5 | MARCH 1 9 5 5 | * APRIL 1 9 5 4 | YEAR TO DATE 1 9 5 5 |
|---|-------------|------------------|------------------|--------------------|-------------------------|
| | | Barrels | Barrels | Barrels | Barrels |
| British Columbia | - Trunk | 2,275,629 | 2,323,286 | 822,961 | 8,618,407 |
| Alberta (1) | - Gathering | 608,241 | 730,318 | 786,345 | 3,257,596 |
| " | - Trunk | 405,189 | 731,011 | 420,781 | 2,421,434 |
| Saskatchewan | - Gathering | 54,474 | 55,051 | 18,945 | 277,877 |
| " | - Trunk | 1,214,080 | 1,275,298 | 790,791 | 4,610,444 |
| Manitoba | - Trunk | 2,698,117 | 4,273,603 | 2,324,491 | 14,697,209 |
| Ontario (2) | - Trunk | 3,260,896 | 3,478,475 | 2,565,832 | 13,050,471 |
| Quebec | - Trunk | 5,302,263 | 5,694,716 | 4,490,471 | 21,289,085 |
| Net Delivered | - Gathering | 662,715 | 785,369 | 805,290 | 3,535,473 |
| " " | - Trunk | 15,156,174 | 17,776,389 | 11,415,327 | 64,687,050 |
| " " | - Total | 15,818,889 | 18,561,758 | 12,206,617 | 68,222,523 |
| Including exports to U.S.A. at Sumas, B.C. | | 776,024 | 851,943 | - | 2,471,244 |
| Including deliveries to U.S. pipe lines, Gretna, Man. | | 2,087,280 | 3,701,019 | 1,781,284 | 12,332,159 |

TABLE 5

OPERATING STATISTICS

| | | APRIL 1 9 5 5 | MARCH 1 9 5 5 | * APRIL 1 9 5 4 | YEAR TO DATE 1 9 5 5 |
|--|----------|------------------|------------------|--------------------|-------------------------|
| Barrels Handled - Daily Average | | | | | |
| Gathering Systems | Barrels | 219,163 | 264,480 | 137,686 | 261,058 |
| Trunk Lines | " | 646,938 | 733,422 | 473,416 | 693,933 |
| Total Barrel Miles (Trunk Lines) | Millions | 5,423 | 6,748 | 3,701 | 24,207 |
| Average Miles Per Barrel (Trunk Lines) | Miles | 279.4 | 296.8 | 260.6 | 290.7 |
| Employees and Earnings (6) | | | | | |
| Average Number (4) | No. | 1,210 | 1,208 | 1,195 | 1,202 |
| Total Salaries and Wages | \$ | 485,503 | 474,394 | 456,752 | 1,897,486 |
| Man-Hours Worked by Wage Earners (5) (6) | Hours | 52,341 | 53,871 | 52,153 | 205,842 |

(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, Key Pipe Line Co. Ltd., Mid Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Ltd.

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TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

APRIL, 1955

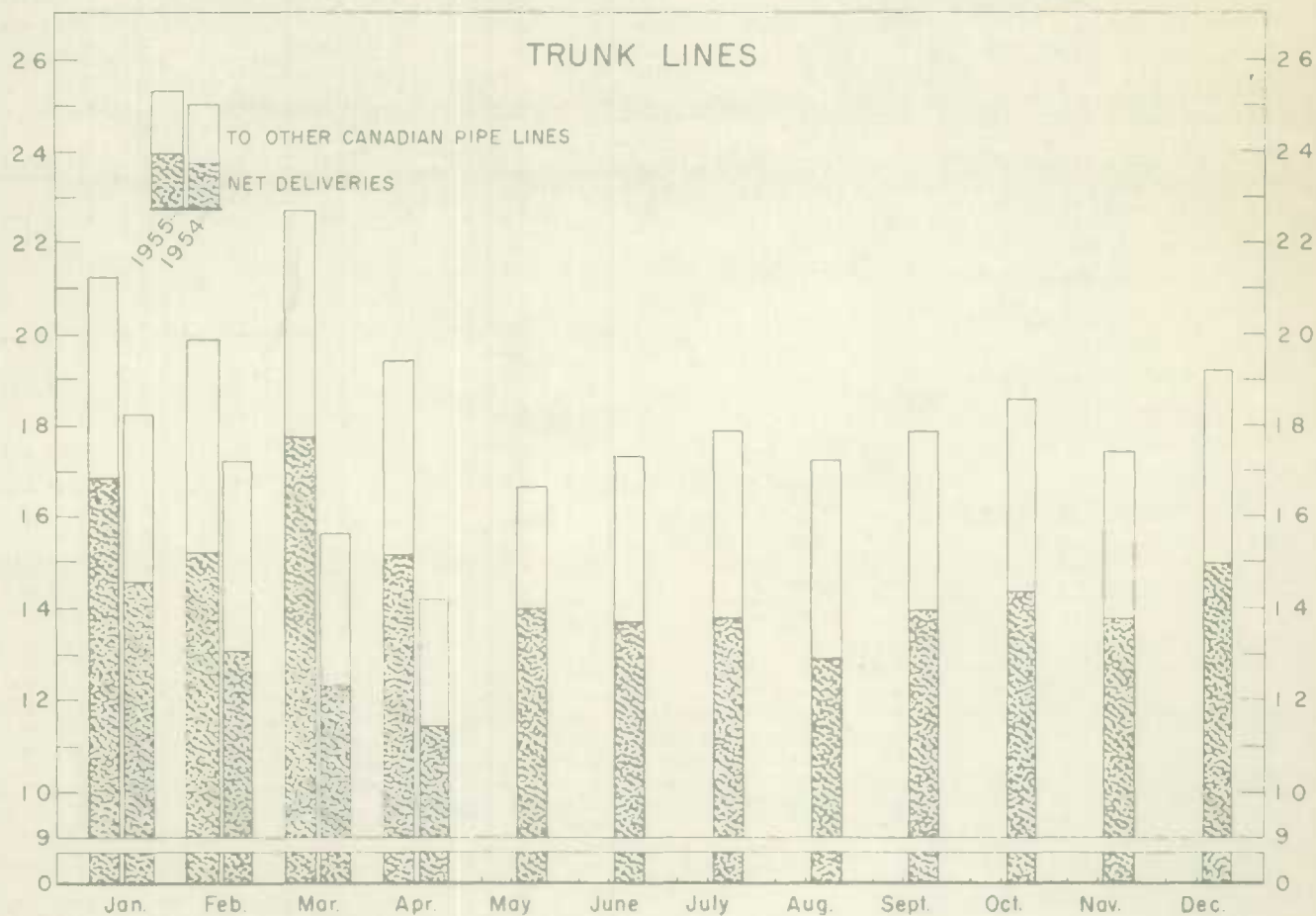
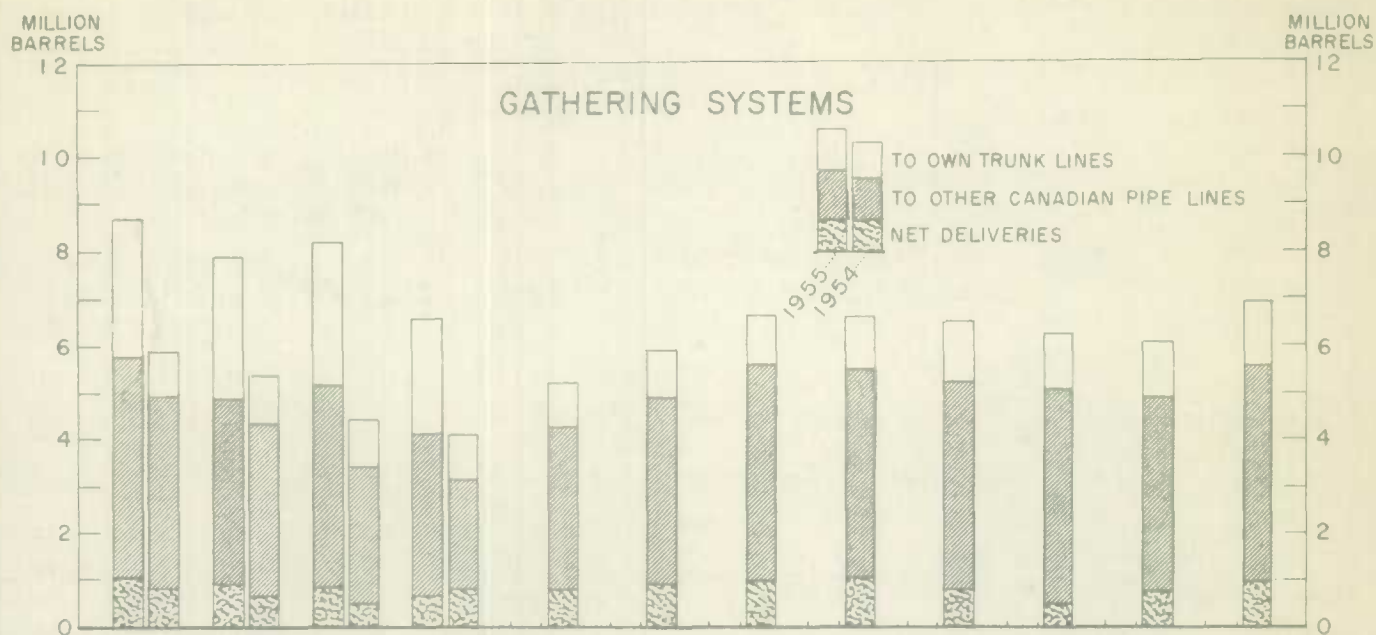
| Traffic and Operating Statistics | Imperial Pipe Line Co. Ltd. | Inter- provincial Pipe Line Co. | Montreal Pipe Line Co. Ltd. | Trans Mountain Oil Pipe Line Company | Other Pipe lines (1) | Total |
|---|-----------------------------------|---------------------------------------|-----------------------------------|--|----------------------------|-------------------------|
| TRAFFIC* | | | <u>Barrels</u> | | | |
| <u>Total Received into System</u> | | | | | | |
| This month (April, 1955) | 3,309,160 | 4,414,664 | 5,328,382 | 2,217,269 | (2) 8,016,620 | 23,286,095 |
| This year (4 months) | 16,102,496 | 22,289,470 | 21,291,311 | 8,633,954 | (3) 34,944,513 | 103,261,744 |
| <u>Total Delivered out of System</u> | | | | | | |
| This month (April, 1955) | 3,288,276 | 4,774,119 | 5,302,263 | 2,275,629 | (4) 7,895,144 | 23,535,431 |
| This year (4 months) | 16,113,893 | 22,694,639 | 21,289,085 | 8,618,407 | (5) 34,662,910 | 103,378,934 |
| OPERATING STATISTICS | | | | | | |
| <u>Barrels Handled - Daily Average</u> | | | | | | |
| <u>Gathering Lines</u> | | | | | | |
| This month (April, 1955) | 109,609 | - | - | - | 109,554 | 219,163 |
| This year (4 months) | 134,282 | - | - | - | 126,776 | 261,058 |
| <u>Trunk Lines</u> | | | | | | |
| This month (April, 1955) | - | 159,137 | 176,742 | 75,854 | 235,205 | 646,938 |
| This year (4 months) | - | 189,122 | 177,409 | 71,820 | 255,582 | 693,933 |
| <u>Total Barrel Miles</u> | | | <u>Miles</u> | | | |
| <u>(Trunk Lines - in millions)</u> | | | | | | |
| This month (April, 1955) | - | 2,501 | 390 | 1,586 | 946 | 5,423 |
| This year (4 months) | - | 12,767 | 1,566 | 6,050 | 3,824 | 24,207 |
| <u>Average Miles Per Barrel</u> | | | | | | |
| <u>(Trunk Lines)</u> | | | | | | |
| This month (April, 1955) | - | 524.0 | 73.5 | 697.0 | 134.1 | 279.4 |
| This year (4 months) | - | 563.0 | 73.5 | 702.0 | 124.7 | 290.7 |
| OPERATING REVENUES | | | <u>Dollars</u> | | | |
| Three Months ending March 31, 1955 | 969,737 | 4,345,246 | 542,496 | 2,967,813 | (7) ^x 4,236,891 | ^x 13,062,183 |
| Six Months ending June 30, 1955 | | | | | | |
| Nine Months ending Sept. 30, 1955 | | | | | | |
| Twelve Months ending Dec. 31, 1955 | | | | | | |
| EMPLOYEES AND EARNINGS | | | <u>Number</u> | | | |
| Number of Employees (April, 1955) | 190 | 379 | 51 | 153 | (6) 437 | 1,210 |
| <u>Salaries and Wages</u> | | | <u>Dollars</u> | | | |
| This month (April, 1955) | 69,891 | 159,523 | 19,942 | 71,397 | (6) 164,750 | 485,503 |
| This year (4 months) | 277,429 | 633,701 | 77,686 | 280,305 | (6) 628,365 | 1,897,486 |
| <u>Man-Hours Worked by Wage Earners</u> | | | <u>Hours</u> | | | |
| This month (April, 1955) | 23,082 | 65 | 552 | 700 | (6) 27,942 | 52,341 |
| This year (4 months) | 92,464 | 534 | 2,234 | 3,186 | (6) 107,424 | 205,842 |

* 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.; 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 3,394,693 bbls. products and 48,664 bbls. natural gasoline.
- (3) Includes 13,305,192 bbls. products and 210,963 bbls. natural gasoline.
- (4) Includes 3,308,713 bbls. products and 46,514 bbls. natural gasoline.
- (5) Includes 13,225,551 bbls. products and 204,361 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., and Nisku Products Pipe Line Company, Limited.
- (7) Excludes Anglo American Exploration Company and Sarnia Products Line.

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MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



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