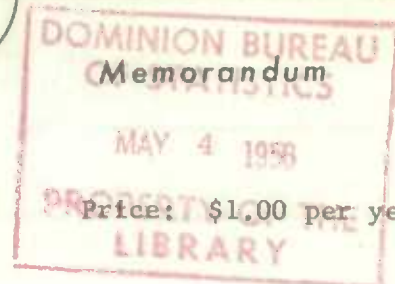


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Vol. 6, No. 2

PIPE LINES (OIL) STATISTICS

FEBRUARY, 1956

Oil deliveries from Canadian pipe lines continued upward during the month of February with a net delivery of 753,013 barrels per day compared with the previous record of 734,103 barrels in January 1956. This was an increase of 30.5 p.c. over the February 1955 average of 576,678 barrels per day.

For the two months ending February 29, net deliveries totalled 44,594,563 barrels, against 33,841,876* for the corresponding period last year. Increases were recorded in all provinces as follows (1955 data in brackets): British Columbia 7,124,500 barrels (4,019,492); Alberta 3,406,051 (3,204,271); Saskatchewan 3,028,227 (2,289,418); Manitoba 11,085,932 (7,725,489); Ontario 7,353,671 (6,311,100) and Quebec 12,596,182 (10,292,106). Included in the Manitoba deliveries were 9,404,622 barrels (6,534,860) transferred to the Lakehead Pipe Line at Gretna, and 1,681,310 (1,190,629) delivered within the province.

Net receipts for the month of February totalled 22,227,511 barrels compared with 16,382,956 in the same month of 1955. Included in the month's receipts were 11,290,243 barrels of Alberta crude and 57,535 of Alberta natural gasoline, 687,148 barrels of Saskatchewan crude, 423,785 of Manitoba crude, 6,143,820 imported crude and 3,624,980 barrels of refinery products.

Gathering lines handled an average of 413,800 barrels per day against 281,068 in the previous year and trunk lines increased from an average of 710,101 barrels in February 1955 to 1,010,943 in the month under review.

Barrel miles totalled 8,773 million for the month of February, compared with 8,631 during January and 5,701 in February 1955, an increase of 54 p.c. over the previous year.

Employees numbered 1,344 and earned \$577,962 in February 1956, compared with 1,198 employees earning \$465,117 in the corresponding month last year, a wage increase of almost 11 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.

* 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 two months of 1956, per table 6	71,643,201
Received into Trunk Lines from other Canadian Pipe Lines	26,344,013
"Net Received" into Canadian Pipe Line Systems	45,299,188
"Net Received" into Trunk Systems per table 1	21,230,883
"Net Received" into Gathering Systems per table 2	24,068,305
Total Delivered out of Systems - all companies -	
during first two months of 1956, per table 6	70,972,800
Delivered to other Canadian Pipe Lines	26,378,237
"Net Delivered" from Canadian Pipe Line Systems	44,594,563
"Net Delivered" from Trunk Systems per table 1	42,687,184
"Net Delivered" from Gathering Systems per table 2	1,907,379

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, 1956

	Barrels	
Total Shippers Balances - January 1, 1956	8,937,210	
Total Carriers Balances - January 1, 1956	375,411	9,312,621
Received into Gathering Systems January 1 to February 29, 1956	24,068,305	
Received into Trunk Systems January 1 to February 29, 1956	59,595,122	83,663,427
Total oil accountable for period		92,976,048
Delivered from Gathering Systems January 1 to February 29, 1956	24,106,925	
Delivered from Trunk Systems January 1 to February 29, 1956	58,886,101	82,993,026
Balance to be accounted for at February 29, 1956		9,983,022
Oil consumed as fuel and losses		101,994
Balance on hand - February 29, 1956		9,881,028
Total Shippers Balances - February 29, 1956	9,453,795	
Total Carriers Balances - February 29, 1956	427,233	

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	Sun Pipe Line Company
	Crude Oil	Crude and Refined Oil
	Barrels	Barrels
February, 1955	2,539,991	462,837
January, 1956	3,427,322	446,933
February, 1956	3,353,651	445,621

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	FEBRUARY 1 9 5 6	JANUARY 1 9 5 6	FEBRUARY ^x 1 9 5 5	YEAR TO DATE 1 9 5 6
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	29,701,310	29,893,812	20,153,761	59,595,122
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	6,092,317	5,927,909	2,897,335	12,020,226
3. Other pipe lines - Gathering	3,059,166	3,176,240	2,594,924	6,235,406
4. Trunk	10,312,784	9,795,823	6,121,125	20,108,607
5. <u>Net Received (6+7+8)</u>	10,237,043	10,993,840	8,540,377	21,230,883
6. Originating on own trunk lines	3,993,584	4,343,639	3,406,613	8,337,223
7. Received from foreign pipe line connections	6,143,820	6,507,448	4,943,055	12,651,268
8. Received from other carriers (rail & truck)	99,639	142,753	190,709	242,392
9. <u>Total Delivered * (10+11)</u>	29,317,363	29,568,738	19,882,848	58,886,101
10. Less: Delivered to other Canadian trunk lines	8,369,008	7,829,909	4,717,754	16,198,917
11. <u>Net Delivered (12+13+14)</u>	20,948,355	21,738,829	15,165,094	42,687,184
12. Terminated on own trunk lines	14,261,678	15,440,660	11,711,599	29,702,338
13. Delivered to foreign pipe line connections	6,659,795	6,265,916	3,440,987	12,925,711
14. Delivered to other carriers (rail & truck)	26,882	32,253	12,508	59,135

TABLE 2

OIL^f CARRIED BY PIPE LINES - GATHERING

	FEBRUARY 1 9 5 6	JANUARY 1 9 5 6	FEBRUARY ^x 1 9 5 5	YEAR TO DATE 1 9 5 6
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	11,990,468	12,077,837	7,842,579	24,068,305
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	11,990,468	12,077,837	7,842,579	24,068,305
18. Originating on own gathering system	11,586,117	11,708,136	7,593,991	23,294,253
19. Received from other carriers (rail & truck)	404,351	369,701	248,588	774,052
20. <u>Total Delivered * (21+22+23)</u>	12,000,188	12,106,737	7,869,904	24,106,925
Less: Delivered to other pipe lines -				
21. Own Trunk system	6,092,317	5,927,909	2,897,335	12,020,226
22. Other pipe lines	5,018,861	5,160,459	3,990,667	10,179,320
23. <u>Net Delivered (24+25)</u>	889,010	1,018,369	981,902	1,907,379
24. Terminated on gathering systems	715,740	825,858	778,538	1,541,598
25. Delivered to other carriers (rail & truck)	173,270	192,511	203,364	365,781

^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		FEBRUARY	JANUARY	FEBRUARY ^X	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	10,884,973	10,963,910	7,291,505	21,848,883
"	- Trunk	546,114	623,980	606,325	1,170,094
Saskatchewan	- Gathering	681,710	685,209	298,616	1,366,919
"	- Trunk	5,438	3,574	-	9,012
Manitoba	- Gathering	423,785	428,718	252,458	852,503
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,176,980	2,416,070	1,874,582	4,593,050
Quebec (3)	- Trunk	7,508,511	7,950,216	6,059,470	15,458,727
Net Received	- Gathering	11,990,468	12,077,837	7,842,579	24,068,305
"	" - Trunk	10,237,043	10,993,840	8,540,377	21,230,883
"	" - Total	22,227,511	23,071,677	16,382,956	45,299,188

TABLE 4

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

Province		FEBRUARY	JANUARY	FEBRUARY ^X	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,765,060	3,359,440	1,843,492	7,124,500
Alberta (1)	- Gathering	779,566	909,513	906,682	1,689,079
"	- Trunk	793,060	923,912	609,231	1,716,972
Saskatchewan	- Gathering	109,444	108,856	75,220	218,300
"	- Trunk	1,296,002	1,513,925	1,098,411	2,809,927
Manitoba	- Trunk	5,475,290	5,610,642	3,621,847	11,085,932
Ontario (2)	- Trunk	3,495,090	3,858,581	2,994,495	7,353,671
Quebec	- Trunk	6,123,853	6,472,329	4,997,618	12,596,182
Net Delivered	- Gathering	889,010	1,018,369	981,902	1,907,379
"	" - Trunk	20,948,355	21,738,829	15,165,094	42,687,184
"	" - Total	21,837,365	22,757,198	16,146,996	44,594,563
†	Including exports to U.S.A. at Sumas, B.C.	2,003,944	1,517,145	422,763	3,521,089
‡	Including deliveries to U.S. pipe lines, Gretna, Man.	4,655,851	4,748,771	3,018,224	9,404,622

TABLE 5

OPERATING STATISTICS

		FEBRUARY	JANUARY	FEBRUARY ^X	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	413,800	390,540	281,068	401,782
Trunk Lines	"	1,010,943	953,830	710,101	981,435
Total Barrel Miles (Trunk Lines)	Millions	8,773	8,631	5,701	17,399
Average Miles Per Barrel (Trunk Lines)	Miles	299.2	291.9	286.7	295.5
Employees and Earnings (6)					
Average Number (4)	No.	1,344	1,325	1,198	2,669
Total Salaries and Wages	\$	577,962	548,020	465,117	1,125,982
Man-Hours Worked by Wage Earners (5) (6)	Hours	58,074	59,355	48,901	117,429

- (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

FEBRUARY, 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>						
This month (February, 1956)	4,827,508	8,032,943	6,143,820	3,961,701	(2) 12,633,489	35,599,461
This year (2 months)	9,891,513	16,168,819	12,651,268	7,444,622	(3) 25,486,979	71,643,201
<u>Total Delivered out of System</u>						
This month (February, 1956)	4,843,364	8,003,455	6,123,853	3,765,060	(4) 12,489,502	35,225,234
This year (2 months)	9,923,311	16,028,992	12,596,182	7,124,500	(5) 25,299,815	70,972,800
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (February, 1956)	167,013	-	-	-	246,787	413,800
This year (2 months)	165,389	-	-	-	236,393	401,782
<u>Trunk Lines</u>						
This month (February, 1956)	-	275,981	211,167	129,830	393,965	1,010,943
This year (2 months)	-	267,150	209,936	118,742	385,607	981,435
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (February, 1956)	-	4,406	451	2,619	1,297	8,773
This year (2 months)	-	8,923	928	4,940	2,608	17,399
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (February, 1956)	-	551.0	73.7	693.0	113.5	299.2
This year (2 months)	-	557.0	73.7	693.0	112.7	295.5
OPERATING REVENUES						
<u>Three Months ending March 31,</u>						
<u>Six Months ending June 30,</u>						
<u>Nine Months ending Sept. 30,</u>						
<u>Twelve Months ending Dec. 31,</u>						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (February, 1956)	203	377	50	175	(6) 539	1,344
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (February, 1956)	79,549	173,522	20,891	89,514	(6) 214,486	577,962
This year (2 months)	157,068	337,633	40,728	170,423	(6) 420,130	1,125,982
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (February, 1956)	21,525	48	496	1,013	(6) 34,992	58,074
This year (2 months)	44,569	198	1,000	2,512	(6) 69,150	117,429

* Totals include duplication between companies.

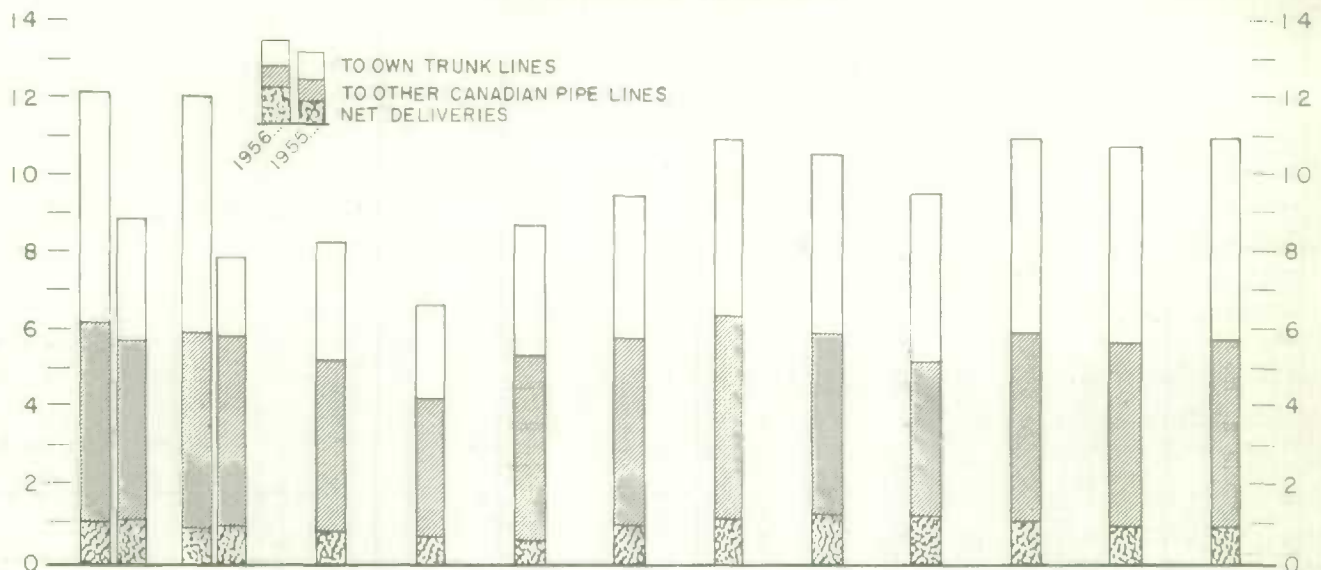
- (1) Includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo Canadian Oils, Limited, B.A. Alberta Pipe Line, Limited, B.A. Saskatchewan Pipe Line, Limited, Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited, Gibson Crude Oil Purchasing Co. Limited, Green River 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 Wimmipeg Pipe Line Company, Limited.
- (2) Includes 3,624,980 bbls. products and 57,535 bbls. natural gasoline.
- (3) Includes 7,577,622 bbls. products and 120,483 bbls. natural gasoline.
- (4) Includes 3,578,507 bbls. products and 58,459 bbls. natural gasoline.
- (5) Includes 7,530,767 bbls. products and 121,452 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.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

MILLION
BARRELS

GATHERING SYSTEM

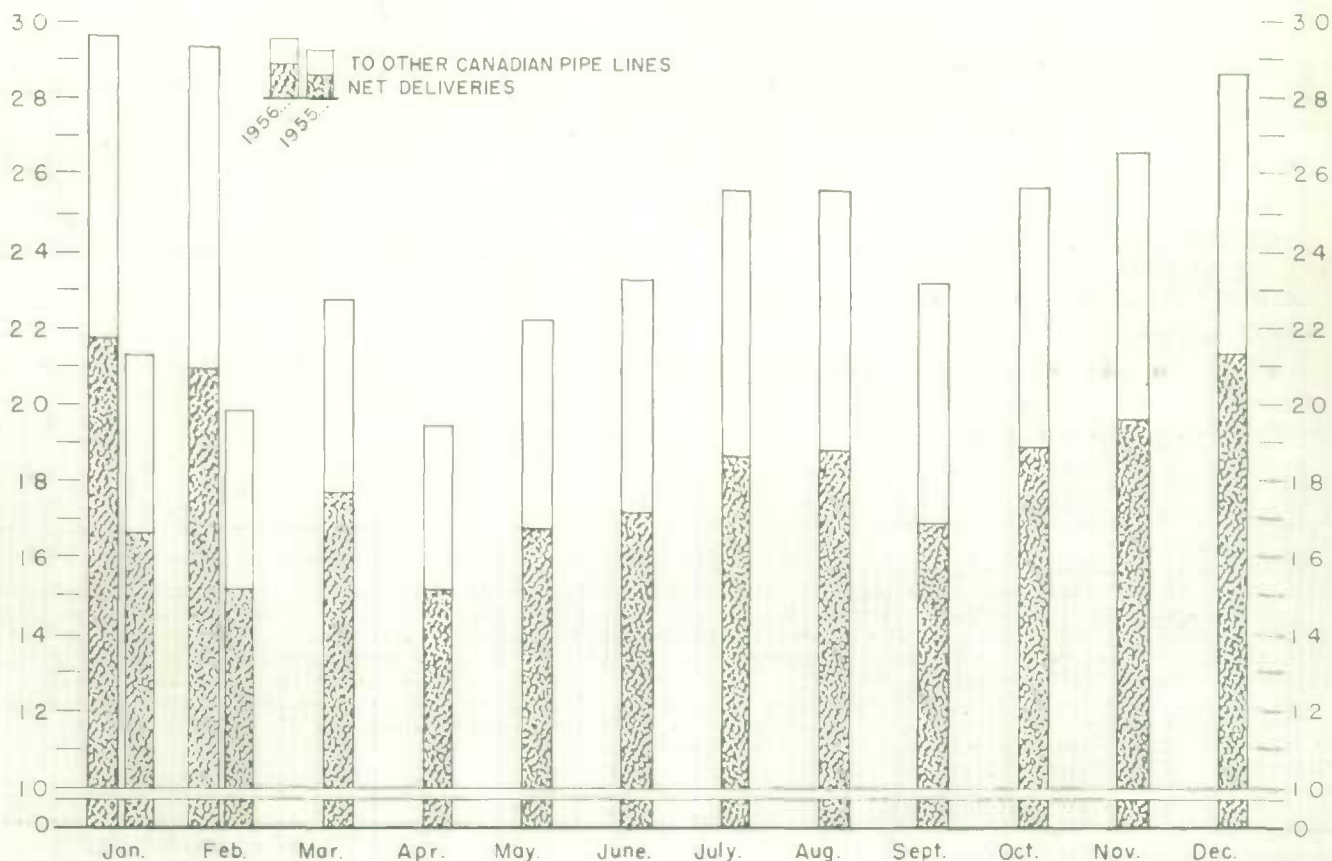
MILLION
BARRELS



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TRUNK LINES

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