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Memorandum

Vol. 6, No. 3

PIPE LINES (OIL) STATISTICS

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C. 1

MARCH, 1956

Net deliveries of oil from Canadian pipe lines amounted to 22,838,012 barrels for the month of March. This was an average of 736,710 barrels per day compared with an average of 753,013 barrels last month and 598,766 last year.

Net deliveries from both gathering systems and trunk lines during the first quarter of 1956 amounted to 67,432,575 barrels as compared with 52,403,634 in the same period last year, an increase of 29 p.c. Provincial deliveries for the first three months of the year were as follows (1955 data in brackets): British Columbia 11,189,261 barrels (6,342,778); Alberta 4,992,349 barrels (4,665,600); Saskatchewan 4,437,831 barrels (3,619,767); Manitoba 16,920,079 barrels (11,999,092); Ontario 11,217,553 barrels (9,789,575) and Quebec 18,675,502 barrels (15,986,822). Included in Manitoba deliveries were 14,314,934 barrels (10,244,879) transferred to the Lakehead Pipe Line Company at Gretna, of this 4,367,810 barrels were for export while the remainder was destined to refineries at Sarnia.

Net receipts for March totalled 23,185,036 barrels as against 18,142,315 barrels in 1955, on increase of 28 p.c. Included in the month's receipts were 12,003,013 barrels of Alberta crude, 56,152 of Alberta natural gasoline, 727,086 of Saskatchewan crude, 486,729 Manitoba crude, 6,027,235 imported crude and 3,884,821 barrels of refinery products.

Barrel miles totalled 9,326 million for the month of March, compared with *8,742 for the month of February and 6,748 during March 1955, an increase of 38 p.c. over the previous year.

Employees numbered 1,378 and earned \$604,252 in March 1956, compared with 1,208 employees earning \$474,394 in the corresponding month last year, a wage increase of 12 p.c.

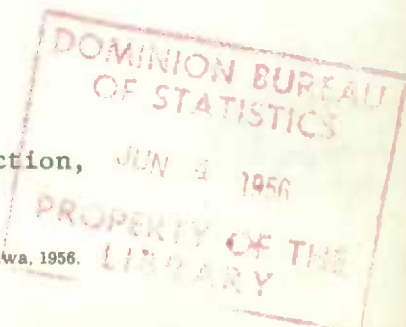
The Peace River Oil Pipe Line Company with some 34 miles of gathering system and 107 miles of trunk line commenced operations during March carrying crude oil from the Sturgeon Lake area of Alberta. Operations of the line are included in this report for the first time.

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, Peace River Oil Pipe Line Company Ltd., 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.

8504-508-36



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 first three months of 1956, per table 6	109,034,607
Received into Trunk Lines from other Canadian Pipe Lines	40,552,383
"Net Received" into Canadian Pipe Line Systems	68,482,224
"Net Received" into Trunk Systems per table 1	31,636,452
"Net Received" into Gathering Systems per table 2	36,847,772
Total Delivered out of Systems - all companies - during first three months of 1956, per table 6	108,035,423
Delivered to other Canadian Pipe Lines	40,602,848
"Net Delivered" from Canadian Pipe Line Systems	67,432,575
"Net Delivered" from Trunk Systems per table 1	64,632,828
"Net Delivered" from Gathering Systems per table 2	2,799,747

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 March and are given herewith:

OIL BALANCE - ALL COMPANIES - MARCH, 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 January 1 to March 31, 1956	36,847,772	
Received into Trunk Systems January 1 to March 31, 1956	90,946,776	127,794,548
Total oil accountable for period		137,107,169
Delivered from Gathering Systems January 1 to March 31, 1956	36,872,278	
Delivered from Trunk Systems during January 1 to March 31, 1956	89,921,086	126,793,364
Balance to be accounted for at March 31, 1956		10,313,805
Oil consumed as fuel and losses		154,243
Balance on hand - March 31, 1956		10,159,562
Total Shippers Balances - March 31, 1956	9,588,940	
Total Carriers Balances - March 31, 1956	570,622	

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
March, 1955	2,108,097	480,061
February, 1956	3,353,651	445,621
March, 1956	3,372,733	506,340

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	March 1956	February 1956	March 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	31,351,654	29,701,310	22,313,352	90,946,776
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	6,737,715	6,092,317	3,006,404	18,757,941
3. Other pipe lines - Gathering	3,237,618	3,059,166	2,687,312	9,473,024
4. Trunk	10,970,752	10,312,784	6,676,467	31,079,359
5. <u>Net Received (6+7+8)</u>	10,405,569	10,237,043	9,943,169	31,636,452
6. Originating on own trunk lines	4,276,642	3,993,584	3,941,418	12,613,865
7. Received from foreign pipe line connections	6,027,235	6,143,820	5,712,350	18,678,503
8. Received from other carriers (rail & truck)	101,692	99,639	289,401	344,084
9. <u>Total Delivered * (10+11)</u>	31,034,985	29,317,363	22,736,079	89,921,086
10. Less: Delivered to other Canadian trunk lines	9,089,341	8,369,008	4,959,690	25,288,258
11. <u>Net Delivered (12+13+14)</u>	21,945,644	20,948,355	17,776,389	64,632,828
12. Terminated on own trunk lines	14,757,887	14,261,678	13,197,717	44,460,225
13. Delivered to foreign pipe line connections	7,077,155	6,659,795	4,561,962	20,002,866
14. Delivered to other carriers (rail & truck)	110,602	26,882	16,710	169,737

TABLE 2

OIL^b CARRIED BY PIPE LINES - GATHERING

	March 1956	February 1956	March 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	12,779,467	11,990,468	8,199,146	36,847,772
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	12,779,467	11,990,468	8,199,146	36,847,772
18. Originating on own gathering system	12,521,576	11,568,117	7,925,947	35,815,829
19. Received from other carriers (rail & truck)	257,891	404,351	273,199	1,031,943
20. <u>Total Delivered * (21+22+23)</u>	12,765,353	12,000,188	8,198,893	36,872,278
Less: Delivered to other pipe lines -				
21. Own Trunk system	6,737,715	6,092,317	3,006,404	18,757,941
22. Other pipe lines	5,135,270	5,018,861	4,407,120	15,314,590
23. <u>Net Delivered (24+25)</u>	892,368	889,010	785,369	2,799,747
24. Terminated on gathering systems	693,639	715,740	592,912	2,235,237
25. Delivered to other carriers (rail & truck)	198,729	173,270	192,457	564,510

^f Includes natural gasoline and products.
^{*} Includes duplications.
^b Includes natural gasoline.

TABLE 3

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

Province		March	February	March	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	11,568,393	10,884,973	7,682,407	33,417,276
"	- Trunk	574,286	546,114	753,591	1,744,380
Saskatchewan	- Gathering	724,345	681,710	208,515	2,091,264
"	- Trunk	2,741	5,438	-	11,753
Manitoba	- Gathering	486,729	423,785	308,224	1,339,232
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,269,124	2,176,980	2,191,439	6,862,174
Quebec (3)	- Trunk	7,559,418	7,508,511	6,998,139	23,018,145
Net Received	- Gathering	12,779,467	11,990,468	8,199,146	36,847,772
"	- Trunk	10,405,569	10,237,043	9,943,169	31,636,452
"	- Total	23,185,036	22,227,511	18,142,315	68,484,224

TABLE 4

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

Province		March	February	March	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	4,064,761	3,765,060	2,323,286	11,189,261
Alberta (1)	- Gathering	768,486	779,566	730,318	2,457,565
"	- Trunk	817,812	793,060	731,011	2,534,784
Saskatchewan	- Gathering	123,882	109,444	55,051	342,182
"	- Trunk	1,285,722	1,296,002	1,275,298	4,095,649
Manitoba	∂ - Trunk	5,834,147	5,475,290	4,273,603	16,920,079
Ontario (2)	- Trunk	3,863,882	3,495,090	3,478,475	11,217,553
Quebec	- Trunk	6,079,320	6,123,853	5,694,716	18,675,502
Net Delivered	- Gathering	892,368	889,010	785,369	2,799,747
"	- Trunk	21,945,644	20,948,355	17,776,389	64,632,828
"	- Total	22,838,012	21,837,365	18,561,758	67,432,575
∧	Including exports to U.S.A.	2,251,890	2,003,944	851,943	5,891,854
∂	Including deliveries to U.S. pipe lines, Gretna, Man.	4,910,312	4,655,851	3,710,019	14,314,934

TABLE 5

OPERATING STATISTICS

		March	February *	March	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	411,786	413,800	264,480	405,190
Trunk Lines	"	1,001,129	1,010,943	733,422	988,144
Total Barrel Miles (Trunk Lines)	Millions	9,326	8,742	6,748	26,708
Average Miles Per Barrel (Trunk Lines)	Miles	300.5	298.2	296.8	297.0
Employees and Earnings (6)					
Average Number (4)	No.	1,378	1,344	1,208	1,349
Total Salaries and Wages	\$	604,252	577,962	474,394	1,730,234
Man-Hours Worked by Wage Earners (5) (6)	Hours	63,896	58,074	53,871	181,325

- (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.

* Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

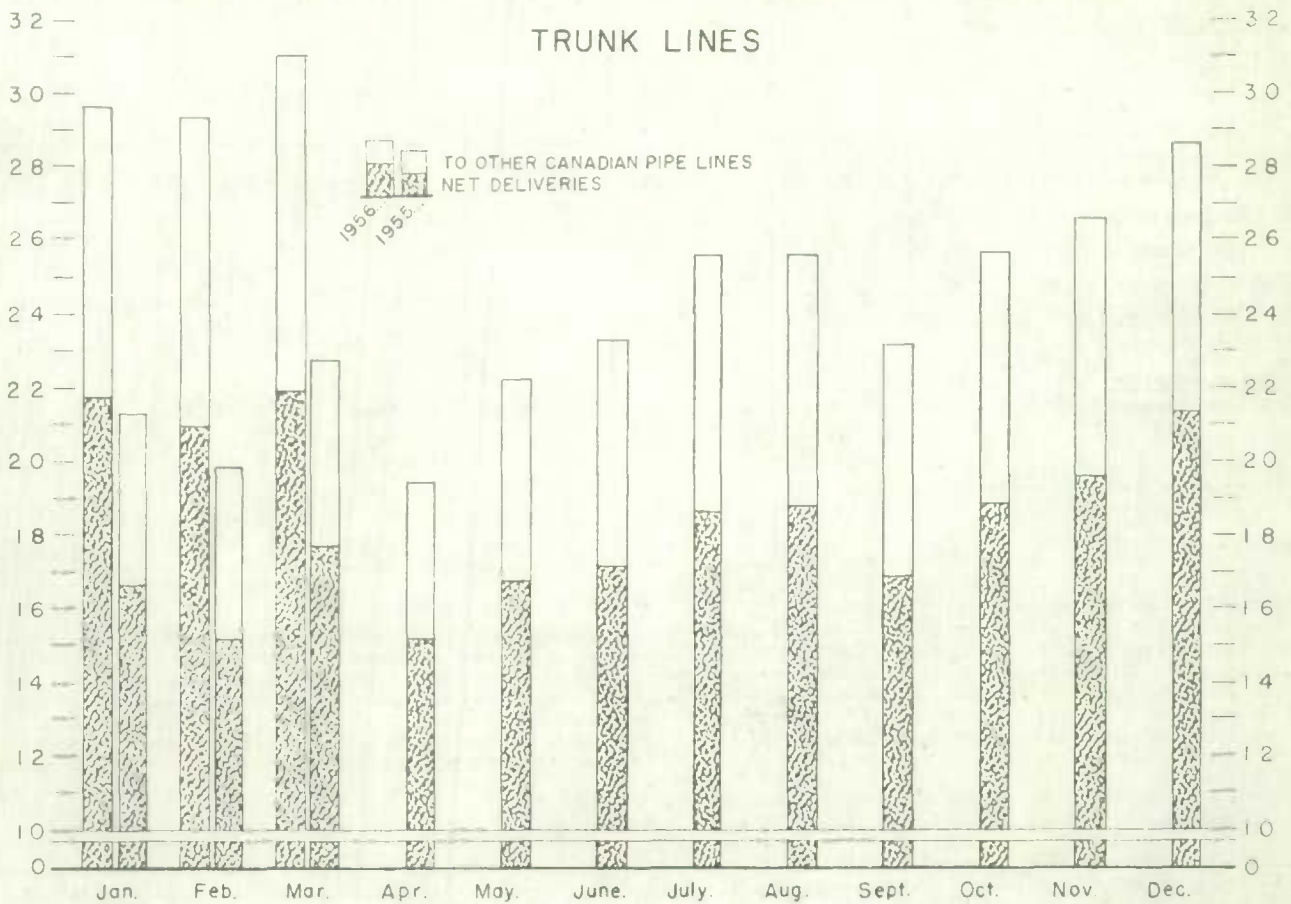
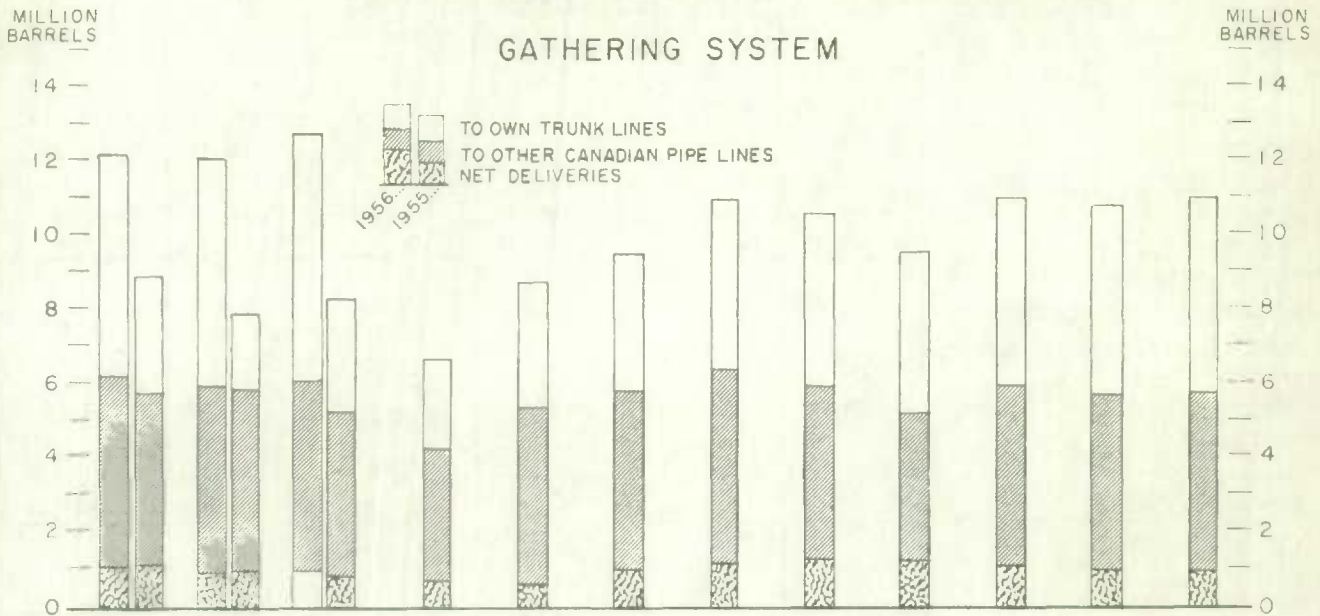
MARCH, 1956

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>Total Received into System</u>						
This month (March, 1956)	4,836,284	8,529,945	6,027,235	4,214,171	(2) 13,785,771	37,393,406
This year (3 months)	14,727,797	24,698,764	18,676,503	11,658,793	(3) 39,272,750	109,034,607
<u>Total Delivered out of System</u>						
This month	4,846,777	8,401,361	6,079,320	4,064,761	(4) 13,670,414	37,062,633
This year	14,770,088	24,430,353	18,675,502	11,189,261	(5) 38,970,229	108,035,433
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (March, 1956)	156,348	-	-	-	255,438	411,786
This year (3 months)	162,309	-	-	-	242,881	405,190
<u>Trunk Lines</u>						
This month (March, 1956)	-	271,012	196,107	131,121	402,889	1,001,129
This year (3 months)	-	268,465	205,225	122,959	391,495	988,144
<u>Total Barrel Miles</u>						
<u>(Trunk Lines - in millions)</u>						
This month (March, 1956)	-	4,613	447	2,829	1,436	9,326
This year (3 months)	-	13,536	1,375	7,770	4,027	26,708
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (March, 1956)	-	549.0	73.6	693.0	115.0	300.5
This year (3 months)	-	554.0	73.6	692.0	113.0	297.0
OPERATING REVENUES						
Three Months ending March 31, 1956	965,948	5,986,021	<u>Dollars</u> 624,367	5,252,344	(7) 5,543,545	18,372,225
Six Months ending June 30, 1956						
Nine Months ending Sept. 30, 1956						
Twelve Months ending Dec. 31, 1956						
EMPLOYEES AND EARNINGS						
Number of Employees	203	393	<u>Number</u> 49	177	(6) 556	1,378
<u>Salaries and Wages</u>						
This month (March, 1956)	83,652	177,068	<u>Dollars</u> 21,630	88,218	(6) 233,684	604,252
This year (3 months)	240,720	514,701	62,358	258,641	(6) 653,814	1,730,234
<u>Man-Hours Worked by Wage Earners</u>						
This month (March, 1956)	24,197	1,287	<u>Hours</u> 498	668	(6) 37,246	63,896
This year (3 months)	68,766	1,485	1,498	3,180	(6) 106,396	181,325

* 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, Peace River Oil Pipe Line Company Ltd., 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 3,884,821 bbls. products and 561,521 bbls. natural gasoline.
- (3) Includes 11,462,445 bbls. products and 176,635 bbls. natural gasoline.
- (4) Includes 3,947,421 bbls. products and 54,142 bbls. natural gasoline.
- (5) Includes 11,478,188 bbls. products and 175,594 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, Peace River Oil Pipe Line Company, Ltd., 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 1955 AND 1956





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